

MISSILE
MARKET
GUIDE
AND
DIRECTORY
EDITION













# -missiles and rockets

MAGAZINE OF WORLD ASTRONAUTICS

AN AMERICAN AVIATION PUBLICATION

THIS ISSUE-\$5.00

MID-APRIL 1958

ROTARY ACTUATORS

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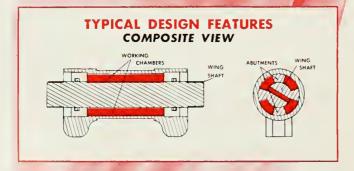
... save DESIGN TIME

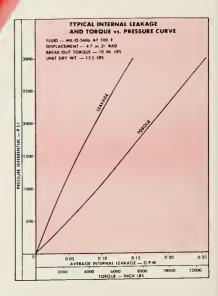
Lightweight rotary actuators by Houdaille will fit envelopes too small for conventional linear types . . . for hinge-line mounting with direct rotary torque output, without mechanical conversion. They eliminate undesirable backlash and provide the most simplified actuating system.

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FOR DETAILS OF TYPICAL ASSEMBLIES, WRITE DEPT. MR



# Houdaille Industries inc.



Bendix-built Tolas Guided Missiles an the Navy's "U.S.S. Desert Ship" at White Sands Praving Graund-Official U.S. Novy Phata.

# HOW THE MANY BENDIX MISSILE CAPABILITIES ARE IMPORTANT TO NATIONAL DEFENSE

Bendix\* has been meeting and solving missile problems for many years. In addition to building the Talos, a U. S. Navy ground-to-air missile, we engineered and developed many of the major systems used in other key missiles. These include warheads, target-seekers, propulsion devices, controls, guidance and telemetering systems. Telemetering systems enable missiles to send back reports from space. More than 500 different channels of information can be transmitted, such as speed, direction, acceleration, roll, vibration, temperature, etc.

The Talos, for which Bendix is prime contractor, has, according to a Navy statement, "demonstrated a remarkably high degree of accuracy and reliability". As a result, the Navy is making direct shipboard installations on first-line cruisers

without the intervening step of evaluation. This has meant a considerable money saving and has advanced this missile as a fleet weapon. It will be the major armament of the United States cruiser *Galveston* and will also be installed on a number of other cruisers, including the nuclear-powered *Long Beach*.

Because of the accuracy and extreme range of the Talos, the U. S. Army is also studying the feasibility of incorporating it into the Continental Air Defense System.

In addition to missiles and missile components, Bendix manufactures important Ground Support systems and devices.

Looking to the future, Bendix is engaged in an intensive *long-range* program, designed to help keep America foremost in the development of weapons vital to the preservation of our security and world peace.

\*TRADEMARK



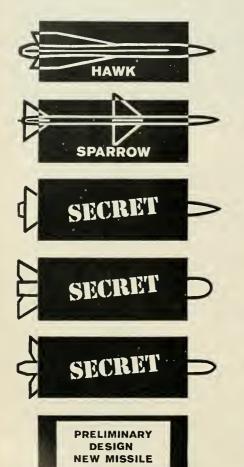
Bendix furnishes mojor elements for missiles af oll types. This illustration represents no particular missile, but shows the general lacation of various airborne Bendix systems and their components. In addition, Bendix produces the Ground Support systems indicated abave.

A thousand products



a million ideas

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#### missiles and rockets

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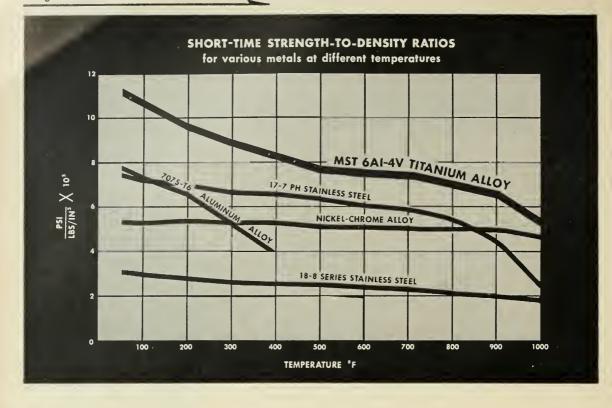
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Write Dept. C-5 for copy of "Titanium Alloy Properties"

#### SELECTION GUIDE TO MST ALLOYS

Typical Mechanical Properties of Annealed Titanium and its Allays

Form	Ultimate Tensile Strength, psi	Yield Strength, psi	Elonga- tion %*
COMMERCIALLY PURE			
MST Grade III Sheet, Bar	70,000	50,000	25
(3 different strength levels) Sheet, Bar	85,000	65,000	23
TITANIUM ALLOYS Sheet, Bar	100,000	80,000	20
MST 6AI-4V			
Annealed Bar	140,000	130,000	15
Age hardened (1) Bar	165,000	155,000	12
Age hardened (2) Bar	180,000	165,000	10
Annealed Sheet	140,000	125,000	12
MST 3AI-5Cr Bar	155,000	145,000	13
MST 4AI-4Mn Bar	150,000	140,000	14
MST 8 Mn Sheet	137,000	125,000	16
(1) 1650°F—1 hour—WQ; 1100°F—2 hours—AC (2) 1700°F—1 hour—WQ; 1000°F—8 hours—AC		-Water Q -Air Cool	uench

<sup>(2) 1700°</sup>F-1 hour-WQ; 1000°F-8 hours-AC

#### MALLORY-SHARON

METALS CORPORATION NILES, OHIO



<sup>\*</sup> Values for 1" on bar and 2" on sheet

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#### How to Use the Missile Market Guide and Directory

Products listed in the MISSILE CATALOG have been divided into nine major categories (listed above) for the convenience of the user. If you are interested in a particular item in one of these major headings, refer directly to the section desired. Products are listed alphabetically by section.

Certain products are listed under several major categories. You should refer to the PRODUCT CROSS INDEX (beginning on page 444) where you will find listed the page numbers of all products listed in the Directory.

To locate the company name, address, and key purchasing and sales personnel of a supplier, refer to the MISSILE PURCHASING DIRECTORY (page 33).

Type of company activity is explained by the coding at the end of each listing in the MISSILE PURCHASING DIRECTORY. Codings are explained at the bottom of every right hand page.

NOTE: Throughout the issue, advertisers are identified by bold face listings.



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## This Is The Missile Business

A missile is only as good as an industry. Two years ago there was no such thing as the missile industry—or at least nobody recognized it as such. At that time, missiles were fascinating-to-frightening sidelines of the old, established aircraft industry. But it soon became apparent that these were an entirely different breed of bird.

While aircraft are manned, missiles are not. While aircraft are ribbed, skinned and riveted, missiles—more-often than not—are forged, machined, welded and heat-treated. While aircraft must be designed to live long and relatively stable lives, missiles live only a few very hectic moments. While aircraft make repeated flights, missiles only sit and wait.

That missiles and rockets are "different" is now an accepted fact. And even as they are different, so is the industry that produces them. Though this industry includes many companies from the aircraft industry, it also includes a great and growing number of other companies that had little, if anything, to do directly with aircraft. Estimates of the number of companies intimately concerned with rockets, missiles and space flight run to many thousands, depending on just where you draw the line. The number that want to get into the business runs even higher.

This is a burgeoning industry. Its rate of growth has been extremely rapid, but is nothing compared to what's in store. In less than a decade, the "missile market" has rocketed from practically nothing to over \$3.5-billion today, prospects of \$7-billion in another three years and some \$20-billion or more by 1970—for military purposes alone. Who knows what the civil market may be?

This is the first industry in all history whose prospects embrace the infinite. This year rockets will be launched at the moon. Within five years instrumented probes will be fired at Mars and Venus. Within 18 months, man himself will travel in space—if only for short periods of

time—in a rocket powered vehicle that can scarcely any longer be called an aircraft. Within 10 years, man will be patrolling the immediate environment of earth—out to, say, 40,000 miles—in operational military space craft.

Never have the mind of man and his technologies been called upon to produce so much of such importance in so short a time. Yet on performance under these rigorous requirements depends the future of free men everywhere. For, we are not alone in our strivings into space. The Union of Soviet Socialist Republics, already well advanced in the art of astronautics, suffers no illusions as to the economic, political and military potentials that lie beyond our ecosphere.

The race into space is a race for survival. How well we do depends more than ever on the industry that supplies the ideas and translates them into tools we can use. It has been said that rockets, missiles and space flight is an art struggling to become a science. And so it will be for some time—so long as requirements continue to fall within that range that constitutes the dim limits of human knowledge.

But money as well as brains are involved. The industry must not only conceive and manufacture the impossible, it must do it at a reasonable cost in dollars and industrial resources. This is not an easy task, but nobody with any experience at all has ever suggested that it was. It is, however, a job that must be done.

This is the Market Guide—another service by MISSILES & ROCKETS to its industry. In the following pages are over 76,000 company product listings. Over 3,000 companies are named.

Need an idea, a system, a component, a small part or an inspiration? Somewhere in these pages are the companies that can supply them. They are the vanguard of this growing industry. Their job: to deliver the goods—the right quality at the right time and the right price. Theirs is the responsibility for survival.

Wayne W. Parrish

# A NEW AIRCRAFT PRODUCTS PLANT ...

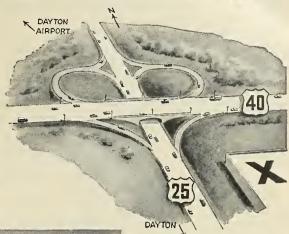
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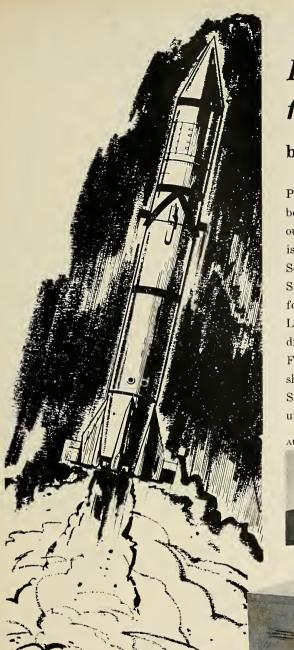


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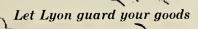


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Bell Aircraft designed, developed and now produces the Rascal "Crewsaver" for the Air Force under a complete weapon systems responsibility. This responsibility includes the airframe, guidance, liquid fuel rocket power plant, ground support and launching equipment and techniques and training.



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Electricel Charecteristics:		7		1	-
Frequency (cps)	400	400	400	400	400
Torque at Stall (oz. in.)	.15	.30	.63	1.45	2.35
No Loed Speed (rpm)	6500	6500	6500	5200	5200
Speed at Half Torque (rpm)	4000	4000	4000	3200	3200
Time Constant (sec.)	0.03	0.015	0.016	0.017	0.013
Reversing Time (sec.)	0.051	0.025	0.028	0.030	0.022
Theo. Acceleration at Stell (red/sec2)	22500	45000	41500	31000	40000
Operating Temp. Renge (°C.)	-54 to +125	-54 to +125	-54 to +125	-54 to +125	-54 to +12
Slot Effect	1.6v/26v	1.0v/36v	1.0v/40v	1.0v/40v	1.0v/40v
Duty Cycle	Cont.	Cont.	Cont.	Cont.	Cont.
Fixed Phese			- week	Markey	Martiner, 1960
Voltage	26	115	115	115	115
R (Stall) Ohms	196	1270	1250	490	280
X (Stall) Ohms	183	1560	1780	890	570
Z (Stall) Ohms	268	2210	2175	1030	640
P.F. (Stell)	0.73	0.57	0.58	0.49	0.45
Effective R (Stall) Ohms	366	3840	3800	2160	1460
Perellel Tuning cond. for unity P.F. (Stall) Mfd.	1.0	0.13	0.15	0.33	0.55
Control Phase	8 7				4
Voltege	40/20	40/20	40/20	40/20	40/20
*R (Stall) Ohms	480	124	145	58	39
* *X (Stall) Ohms	445	215	204	103	77
*Z (Stall) Ohms	660	248	250	118	86
*P.F. (Stall)	0.73	0.50	0.58	0.49	0.45
*Effective R (Stall) Dhms	910	495	430	240	190
*Parallel Tuning cond. for unity P.F. (Stall) Mfd.	0.4	1.4	1.3	2.9	4.1
Mechanical Cheracteristics:	N T	7	8	6.	
Rotor Inertia (gm. cm²)	.47	.30	1.07	3.3	4.0
Weight (oz.)	1.2	2	4.5	8	14
Mounting Type	Synchro	Synchro	Synchro	Synchro	Synchro
Motor Length	.863	.672	1.703	1.625	2.03
Type Shaft	Pinion	Pinion	Plain	Plain	Plain
Shaft Extension	.375	218	.437	.540	.540
Outside Diameter	750	.937	1.062	1.437	1.750
Type Connection	Leads	Terminals	Terminals	Terminals	Terminals
	20030				





Size 8



Size 10



Size 11



Size 15



Size 18

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Output suitable far pen motors, galvanameters, ar tape recarding at any standard speed. Automatic limiter protects output device against voltage surges.

#### GROUND EQUIPMENT

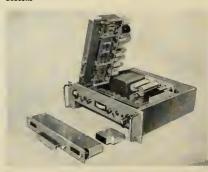
Subcarrier Discriminators
Switchable Subcarrier Discriminators
Tape Speed Compensation Systems
Automatic Channel Standardization Systems
Recorder Amplifiers
Power Supplies
Mixers
Reference Oscillators
Test Equipment (Missile)
Check Out Equipment (Missile)
Radio-Control Command Systems
Complete Telemetry Ground Stations
Complete Data Processing Installations

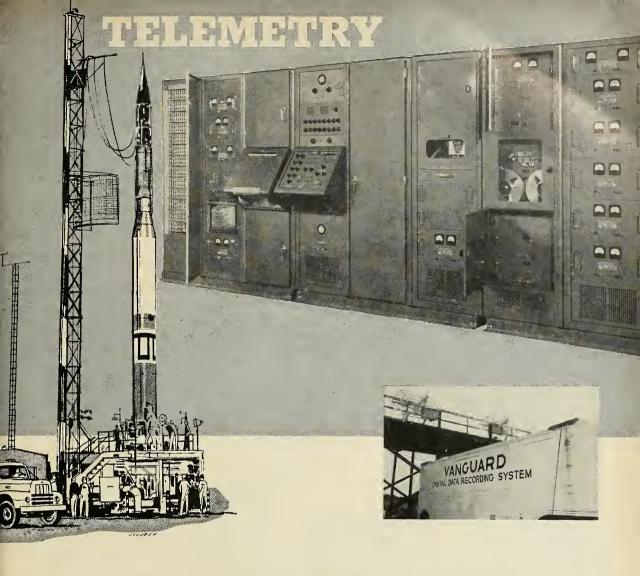
#### AIRBORNE EQUIPMENT

Voltage-Controlled Subcarrier Oscillators Strain-Gauge Subcarrier Oscillators Mixer Amplifiers Commutators Power Amplifiers Power Supplies Complete Airborne Packages Radio-Controlled Systems

#### SPECIALIZED RESEARCH AND DEVELOPMENT SERVICES

Data Handling Components and Systems
Radio Transmission and Reception Components and Systems
Radio Guidance and Control Components and Systems
Training Materials
Simulators
Bacons





### The Vital Link in Missile Progress

Missiles are test fired for only one purpose: to obtain doto that will help build better missiles. If the test does not yield this infarmation it must be considered unsuccessful — regardless of how well the "bird" performed.

Reliable telemetry equipment consequently assumes o vital role in the development of the missiles so necessary to our defense program. There is no other way to collect and preserve the all-important data from unmanned and unrecoverable test vehicles.

Rodiotion, Inc. is a pianeer in the design and devel-

opment af odvanced telemetering ond doto pracessing systems. A significant example of this work is the Vanguard ARRF (Automatic Recarding and Reductian Focility) installatian. This equipment pravides Novy scientists with final reduced data an the performance of a Vanguard vehicle in less than 72 hours after a firing.

Fram tiny airbarne transmitters ta complete ground stations, we hove the experience and facilities to solve yaur prablems in telemetry and assaciated oreas. Write todoy far our brachure describing this copability.



MELBOURNE AND ORLANDO, FLORIDA
ELECTRONICS • AVIONICS • INSTRUMENTATION

Details of missile development are secret and can only be discussed on a "need to know" basis. But when it comes to missile component reliability, it's no secret that Exide has the most experienced engineering team and the best laboratory facilities in the industry.



Exide Missile Batteries are available on short notice in a number of types and sizes. Write for catalog and engineering data. Missile Applications Department, Exide Industrial Division, The Electric Storage Battery Company, Philadelphia 2, Pa.

Exide

# How to Do Business with



# the DEPARTMENT OF DEFENSE

Doing business with the Defense Department or its contractors has been of increasing importance with the development of new missile markets.

How important this potential is can be illustrated best by a look at the Pentagon plans and programs and how they

have grown.

In the year ending June 30, 1957, the Defense Department's obligational program for missiles of all types amounted to \$4.47 billion including the cost of bringing missiles to operational status, plus the cost of procuring missiles for operational purposes. These figures included all procurement, construction, research and development funds directly associated with missile programs. Programmed obligations for fiscal 1958 total \$5.06 billion including supplemental appropriations and, in fiscal 1959, current programmed obligations including recently submitted budget amendments are now estimated at \$6.3 to \$6.4 billion.

Actual expenditures for missiles out of major procurement and production funds totalled \$2.095 billion in fiscal 1957. In fiscal 1958 expenditures are estimated at \$3 billion and in fiscal 1959, Defense Department expects to spend at least \$3.5 billion and perhaps more. The figures do not include funds charged to research and development accounts.

• Analyze Sources—There are many ways in which a small (500 employees or less) manufacturer can approach the problem of obtaining some of this vast amount of business. But unless he goes about it properly, he can waste an inordinate amount of time.

All services maintain offices throughout the country designed to help businessmen who offer their services to the government. Each one of these offices has a Production Division that includes an Industry Cooperation Officer.

The Industry Cooperation Officer is there to advise on all aspects of procurement. He maintains close liaison with prime contractors in his area and is often able to provide information of suitable local subcontract opportunities.

In addition, the U.S. Department of Commerce publishes what it calls "Synopsis of U.S. Government Proposed Procurement, Sales and Contract Awards" that provides information on prime contract opportunities as well as subcontract opportunities.

The "Synopsis" may be obtained at Department of Commerce field offices throughout the country or by subscription from the Department of Commerce, 433 West Van Buren St., Chicago, Ill.

Other federal agencies, such as the Small Business Administration, maintain regional offices in the principal industrial areas of the country. They attempt to keep current information on the activities of Defense contractors.

• Analyze Facilities—Before deciding which prime contractors should be approached, the subcontractor must carefully analyze his own shop to determine the items he might be able to produce. This seems elementary, but a surprising number of firms fail to do this before they set out on a hunt for government business.

Questions that should be answered include: Can you do rough or precise machining? Is your shop arranged for mass production or is it better suited to job-lot type of production? What other types of work could be done if you added a few additional pieces of equipment?

Having analyzed his facilities, there are 10 suggested steps a manufacturer should take in seeking an order from a prime contractor:

Investigate the advisability of combining your facilities with those of other concerns to increase or supplement your productive capacity. Decide what you want to make. Prepare a statement or brochure about your company and its facilities, listing those items you prefer to make.

Recognize that you have a selling job to do that will require the same sort of sales effort you put into civilian operations.

Communicate with the appropriate sources for information on current subcontract opportunities in your area.

Seek out the prime contractor who appears to have the greatest need for your facilities and products. Submit information on your facilities and experience to the prime contractor, preferably in a personal call, so that you can discuss specific details.

Allow a reasonable time to pass between your inquiry and a reply. If the prime contractor is in the early planning or production stages, he may not be immediately ready to enlist the services of subcontractors.

If you receive an order, learn how the prime contractor expects you to function. This includes such activities as tooling, submission of production samples, deliveries and engineering changes.

Prepare for termination of the military subcontract work by keeping up some civilian operations.

Businessmen, large and small, should study the legal problems carefully before entering into any contract with the government. It would be advisable, in fact, to retain an attorney with experience in this type of contractual agreement and obligation. \*

# How to Do Business with the



## DEPARTMENT OF THE ARMY



Contractors who desire to participate in the U.S. Army Research & Development programs should follow two steps: (1) be sure that a complete presentation is prepared and, (2) submit it to the proper source.

There are four important steps to insure that a complete presentation is properly prepared and correctly submitted. The contractor should first consider the proposal—is it related to the Army's R&D activities? Next, he must identify the proper source of communications—which of the Army's R&D branches should receive this proposal to insure expeditious handling. Then, prepare and forward the proposal—what information and materials should be submitted? Final step is to arrange a contract—how are contract arrangements started?

Before he submits a proposal to the Army, the contractor should have a thorough understanding of the Army's research and development requirements. Research is the theoretical or experimental search for fundamental knowledge and control of a particular substance or physical phenomenon. When this search is conducted without any specific goal it is basic research. When it is concerned with a particular problem, it is applied research. The Army supports some basic research, but its greatest financial outlay is in the area of applied research.

Development is the practical ap-

plication of investigative findings and theories of a scientific and technical nature. It includes the construction and testing of prototype models and devices.

Unless accompanied by an offer of personnel and facilities to undertake further research and development, ideas or inventions that might have military usefulness should *not* be sent to Army R&D. The purchasing or procurement of standard products or components is also beyond the scope of Army R&D activities. These two fields are handled by other agencies.

Inquiries requesting the identity of the proper agency should be directed to: Office of Chief, Research and Development, Department of the Army; Washington 25, D.C., Attn: Technical Liaison Office. This office maintains a list of items and activities with which each of the technical services and commands of the Army is concerned.

Contractors' proposals should be clear and complete and contain the following information in the first letter:

(A) Organizational information—
(1) Name and type of company. (2) Total number of employees; also totals of research scientists, development engineers or other technical personnel. (3) Facilities—brief description of laboratory equipment and other facilities suitable for R&D activity (4) Clearance—if the contractor has "facilities vicearance" from the Army, Navy or Air Force, state which. (5) Back-

ground—brief outline of work done previously in field of the proposal. (6) Descriptive brochure and financial statement if available.

(B) A clear and full discussion of proposed work in terms of objective and scope.

Should the contractor have no specific project to propose, but merely wishes to list his company as a possible candidate for future work that may develop in his field, an expression of this desire along with the organizational information outlined above would be welcomed by the Office of the Chief of Research and Development.

Final procedure for the contractor is arranging a contract. Most Army R&D contracts result from negotiation rather than from advertising and bids. This is because the government is concerned essentially with buying the competence of individuals and organizations, managerial abilities, techniques and integrity. Contractors are selected on the basis of experience, adequacy of facilities, skill and availability of personnel, quality of workmanship, plant organization, etc., as well as price. The award of a contract is generally by administrative decision based on considered judgment.

If the contractor's proposal is accepted, a contract may be negotiated between his organization and the appropriate agency or subagency. Details regarding the type of contract, calcu-

lation of overhead or indirect costs, capital equipment to be furnished by the Army, special stipulation pertaining to contract termination, labor regulations, patent rights, etc., will be discussed and worked out between the contractor and the agency concerned.

If the proposal is not accepted, the government is not obligated in any way to reimburse the contractor for any costs which he may have incurred in submitting his proposal or attempting to arrange a contract.

Cops of Engineers: Chief of Engineers, Department of the Army, Washington 25, D.C. ATTN: Research and Development Division.
Ordnance Corps: Chief of Ordnance, Department of the Army, Washington 25, D.C. ATTN: Research and Development Division. Quartermaster Corps: The Quartermaster General, Department of the Army, Washington 25, D.C. ATTN: Office of Research and Development.
Signal Corps: Chief Signal Officer, Department of the Army, Washington 25, D.C. ATTN: Research and Development Division.
Transportation Corps: Chief of Trans-

ATTN: Research and Development Division.
Transportation Corps: Chief of Transportation, Department of the Army, Washington 25, D.C. ATTN: Executive for Research and Development.
Chemical Corps: Chief Chemical Officer, Department of the Army, Washington 25, D.C. ATTN: Research and Development

search and Development.
Chemical Corps: Chief Chemical Officer, Department of the Army, Washington 25, D.C. ATTN: Research and Development Command.
Army Medical Service: The Surgeon General, Department of the Army, Washington 25, D.C. ATTN: Research and Development Division.
Army Ordnance Missile Command: Commanding General, U.S. Army Ordnance Missile Command: Commanding General, U.S. Army Ordnance Missile Command, Redstone Arsenal, Ala. Fields of interest:
Corps of Engineers: This Corps has a large part of the ground support equipment for the Army's family of rockets, missiles and satellites. This Corps has the following interests: construction and maintenance equipment, launching towers, bridging and stream crossing equipment, cover and concealment, electrical equipment (generator and convertors), fire-fighting equipment, industrial gases and compressors, infrared and night vision equipment, liquid fuels distribution (pipe lines), mapping, geodesy and surveying, materials, mine warfare, nuclear power and heating plants, prefabricated buildings, processing and packing, regional influences, snow, ice and frozen ground, special weapons effects and water supply and sanitation.

These R&D fields of interest for the Corps of Engineers are divided among the following: Director, Waterways Experiment Station, Vicksburg, Miss.; Director, Snow. Ice and Permafront Research Establishment, Wilmette, Illinois; District Engineer, Philadelphia District, Philadelphia, Pa.; Commanding General, Engineer Research and Development Laboratories, Fort Belvoir, Va.

Ordnance Corps: This Corps has the following: Interests: ammunition, artillery, combat vehicles, fire control material, fuels and lubricants, materials, motor transport for personnel and small arms.

These R&D fields of interest for the Ordnance Corps are divided among the following: Commanding General, Commanding General, Commanding Officer, Potic, Diamond Ordnance Fuse Laboratories, Connecticut Ave. & Van Ness St., N.W., Washington 25, D.C.; Commanding General, Ordnance

Arsenal, Watertown 72, Mass.

Quartermaster Corps: This Corps has the following interests: chemicals and plastics, dispensing and handling equipment, aerial delivery equipment, environmental protection, foods, cooking and radiation, individual clothing and equipment, mechanical equipment, test materials and techniques. The &&D fields of interest for the Quartermaster Corps are the responsibility of

the: Commanding General, The Quarter-master Research and Development Com-mand, Natick, Mass.

mand, Natick, Mass.

Signal Corps: The Corps has the following interests: avionics, electronic countermeasures, electronic data-processing systems, ground photography, infrared ultraviolet, meteorological instrumentation, radio direction finding, sound and light and television.

Andrew the communication, radio direction finding, sound and light and television.

These R&D fields of interest for the Signal Corps are the responsibility of the: Chief, Laboratory Procurement Office, The Army Signal Supply Agency Watson Area, Fort Monmouth, N.J.

Transportation Corps: This Corps has the following interests: army aviation, helicopters and fixed wing, marine transport and operation, motor transport, rail transport, terminal operation and structural material for the above.

These R&D fields of interest for the Transportation Corps are the responsibility of the: Commanding Officer, Transportation R&D Command, Fort Eustis, Va.

Chemical Corps: This Corps has the following interests: biological agents, incendiaries, protective equipment, screening agents, smokes and weapons and munitions, chemical, biological, radiological.

These R&D fields of interest for the Chemical Corps are divided among the following: Commanding Officer, Army Chemical Corps are divided among the following: Commanding Officer, Army Chemical Center, Md.; Commanding Officer, Biological Warfare Laboratories, Fort Detrick, Frederick, Md.; Commanding Officer, Dugway Proving Ground, Dugway, Utah.

Army Medical Service: This Corps has the following interests: basic research in medical sciences, blood, blood derivatives and blood substitutes, dentistry, diseases of animals transmissible to man, internal medicine and equipment, neuropsychiatry and stress, preventive medicine and traumatic surgery, shock and burns.

These R&D fields of interest for the Army Medical Service are divided between the following: Ohife, Research and Development Division, Office of the Surgeon General, Department of the Army, Main Navy Bullding, Washington 25, D.C.; Chairman, Armed Services Medical Material, Standardization Committee, 23rd and E Street, N.W., Washington 25, D.C.

U.S. Army Ordance Missile Command: This Command has the following interests: drill ammunition for rocket launchers, ground equipment for guided missile systems, guided missile syste

weapons material, fuses for rocket and guided missiles, VT Jatos; except propellant, propellant for guided missiles, rockets, excluding warheads, rocket launchers, excluding warheads, rocket launchers, equipment and/or professional operations in support of: (1) engineering tests, (2) long range research on rockets and guided missiles, major weapons systems (i.e. Redstone-Jupiter, etc.) and Army's outer space projects (i.e. Explorer).

These R&D fields of interest for U.S. Army Ordnance Missile Command are divided among the following: Commanding General, Army Ballistic Missile Agency, Redstone Arsenal, Ala; Commanding General, Army Rocket & Guided Missile Agency, Redstone Arsenal, Ala; Commanding General, White Sands Proving Grounds, Las Cruces, N.M.; Jet Propulsion Laboratories, California Institute of Technology, 4800 Oak Grove Drive, Pasadena 3, Calif.

If in doubt as to which one of the above to write, then direct your query to: Commanding General, U.S. Army Ordnance Missile Command, Redstone Arsenal, Ala.

As mentioned earlier, some aspects of personnel and training R&D are accomplished by the Technical Services and some by other agencies. Thus for research in areas of personnel selection, classification, utilization and assignment write to: The Adjutant General, Department of the Army, Washington 25, D.C.

For inquirles regarding all other Army research activities in the personnel field write to: Chief, Research & Development, Department of the Army, Washington 25, D.C. ATTN: Director of Research.

Over the period of the last few years, the would-be suppliers to the missile market have had one simple but important complaint—there's no single missile program and therefore no way to hunt down the contracts and bid specifications they need to get in the business.

For the U.S. Army this complaint has been rectified in that the U.S. Army Ordnance Missile Command has been established-give it time to adjust.

#### THE DEPARTMENT OF THE ARMY

Companies interested in the Department of the Army Guided Missile Program as a prime or subcontractor may utilize U.S. Army Ordnance Corps District Offices as readily accessible points of contact, or to discuss current procurements on a prime contract basis and possible potential subcontracting sources:

Birmingham Ordnance District 2120 North Seventh Avenue Birmingham, Alabama

Boston Ordnance District Boston Army Base Boston 10, Massachusetts

Chicago Ordnance District 209 West Jackson Boulevard Chicago 6, Illinois

Cincinnati Ordnance District Swift Building 230 E. Ninth Street Cincinnati 2, Ohio

Cleveland Ordnance District Lincoln Building 1367 E. Sixth Street Cleveland 14, Ohio

Detroit Ordnance District 574 East Woodbridge Detroit 31, Michigan

Los Angeles Ordnance District 55 South Grand Avenue Pasadena, California

New York Ordnance District 180 Varick Street New York 14, New York

Philadelphia Ordnance District 128 North Broad Street Philadelphia 2, Pennsylvania

Pittsburgh Ordnance District 200-4th Avenue Pittsburgh 22, Pennsylvania

Rochester Ordnance District Sibley Tower Building 25 North Street Rochester, New York

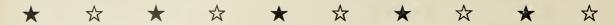
St. Louis Ordnance District 1016 Olive Street St. Louis I, Missouri

San Francisco Ordnance District 1515 Clay Street, P.O. Box 1829 Oakland 12, California

Springfield Ordnance District Springfield Armory Springfield I, Massachusetts

## How to Do Business with

by Elizabeth Oswald



The Weapon System Concept is the key to Air Force procurement of guided missiles. This concept calls, generally, for centralization of responsibility in a single contractor for development and ultimately for production of a missile or aircraft. It is known as the industry-AF team approach.

This means that for the most part the weapon system manager is a big company with the resources in both facilities and skills to take on the job. Air Force policy has been to give weapon system responsibility to aircraft companies with which it has done business over the years.

The weapon system contractor under this scheme usually has the responsibility for determining, with AF approval, the subsystem contractors. These, too, are more often than not big companies with proven associations with the AF.

However, AF usually tells the weapon system contractor what part of the project must be subcontracted and inevitably substantial percentages of these subcontracts go to smaller, specialized companies. In this area, AF advises smaller companies to go directly to the weapon system contractor and to do a selling job.

• Management responsibility for AF is in a Weapon System Project Office which can help. In the earliest stages of the program, the WSPO is staffed by representatives of the Air Research and Development Command, which has principal responsibility. However, Air Materiel Command will ultimately take over this responsibility when procurement for inventory starts.

Headquarters of ARDC is at Andrews Air Force Base, near Washington, D.C. Ideas and inventions which may have application to Air Force missiles may be submitted for evaluation to the Office of Technical and Industrial Relations of ARDC.

Two other concepts are used by the Air Force for the handling of the development and production of missiles. The first is the special case of the long range ballistic missiles where the AF

itself has been the weapon system contractor through its Ballistic Missile Division at Inglewood, Calif. In this case, to provide technical know-how normally supplied by the weapon system contractor, AF employed Ramo-Wooldridge Corp. to supervise the technical aspects of the program.

• Second concept is that of "associated contractors." Here there is no weapon system manager as such, but one contractor would be responsible for the missile frame, a second for electronics and perhaps a third for propulsion or ground launching equipment.

AF is now experimenting with still another method of doing business-this is a contractor team approach on the theory that no one company might be capable of providing management and resources needed in the way of both skills and facilities. At least two new projects are being handled in this manner-both dealing with electronic countermeasures. And it is a virtual certainty that the biggest project of them all, the so-called "Dynasoar" boost-glide aircraft designed to put men into space would be developed on this basis, with a special AF agency created to handle AF management responsibilities.

This last concept is considered a potential source of more AF dollars for "smaller" rather than small companies, who could not take on the highly complex program alone. As a result, ARDC is watching current experiments with interest, the big question being whether a group of companies can be so welded together to get the job done.

Not only does weapon system concept dominate AF buying in the missile field but it also plays an important role in the so-called support area—where AF has set up within its own shop a series of support managers.

These support managers are responsible for determination of requirements for spares, both those which are furnished by contractors and those furnished by the government for which contracts will be made. Support man-

ager for the Falcon missile and for the Sidewinder is Middletown (Pa.) Air Materiel Area; for the Rascal and the Green Quail, it's Oklahoma City Air Materiel Area; Bomarc support is from Ogden Air Materiel Area at Ogden, Utah, as is the support for Snark and Bull Goose.

Support managers for the various versions of the Matador and for its latest version, Mace, are at Wright Air Materiel Area. The support manager for Thor, Atlas and Titan is at Mira Loma AF Station, San Bernadino, Calif.

Over the years, it is expected that support managers will buy bits and pieces required for the maintenance of missiles from local sources as well as from original sources of supply.

• Small business specialists have been assigned by the Air Force to some 18 Air Procurement District Offices. Companies who want to participate or want to obtain procurement information should contact these offices.

As a reminder, however, Air Force officials explain that construction of missile bases which include in some cases equipment are handled for the most part in the United States by the Army Corps of Engineers as AF agent.

The AF procurement district offices are located at Boston Army Base, Boston, Mass.; 218 Market Street, Newark, N.J.; 111 E. 16th Street, N.Y. 3, N.Y.; 1411 Walnut Street, Philadelphia, Pa.; 912 S. Ervay, Dallas 1, Tex.; 1279 W. Third Street, Cleveland 13, Ohio; W. Warren Avenue & Lonyo Blvd., Detroit 32, Mich.: 54 Monument Circle, Indianapolis 6, Ind.; 20 Symington Place, Rochester 3, N.Y.: 5555 S. Archer Avenue, Chicago 38, Ill.; 770 N. Plankinton Ave., Milwaukee, Wis.; 1114 Market St., St. Louis, Mo.; Building 70, Area "C", Wright Patterson AFB, Dayton, Ohio; P.O. Box 5555, Helen St. Annex, Tucson, Ariz.; 1206 Maple Avenue, Los Angeles, Calif.; 41 Exchange Place S.E., Atlanta, Ga.; and Building 1, Oakland Army Terminal, W. Grand Ave. & Maritime, Oakland 14, Calif.

## the AIR FORCE



Companies now holding prime weapon system contracts with the AF include: Boeing Aircraft Corp., Seattle, Wash.; Convair Div. of General Dynamics Corp., San Diego, Calif.; Douglas Aircraft Corp., Santa Monica, Calif.; Lockheed Aircraft Corp., 2555 North Hollywood Way, Burbank, Calif.; Martin Company, Baltimore, Md., and Denver, Colo.; North American Aviation Inc., Los Angeles, Calif.; Northrop Aircraft Corp., Hawthorne, Calif.; McDonnell Aircraft, St. Louis, Mo.; and Fairchild Engine and Aircraft Corp., Hagerstown, Md.

As matters now stand, the largest part of the Air Force's missile program is controlled by the Air Research & Development Command at Andrews

AFB, Md.

• Office of Scientific Research, located in Washington, D.C., is responsible for conducting an "exploratory research program." It is divided into seven directorates, each of which are divided themselves into divisions.

These are: Directorate of Aeronautical Sciences, which includes three divisions—mathematics, mechanics and combustion dynamics.

Directorate of Physical Sciences, which includes two divisions—physics

and nuclear physics.

Directorate of Research Information, which includes three divisions technical information and intelligence, presentations, and liaison and analysis.

Directorate of Advanced Studies with two divisions—systems, which deals with atmospheric and extra-atmospheric flight and advanced propulsion systems and, techniques which deals with detection and identification and novel control techniques.

Directorate of Bio-Sciences, with two divisions—aeromedical and be-

havioral sciences.

Directorate of Material Sciences, with two divisions—chemical and solid state.

ARDC maintains a number of research centers for special programs. These include:

Cambridge Research Center, Bed-

ford, Mass., which carries a broad program of research, development and testing in electronics, geophysical sciences and human engineering.

Wright Air Development Center, Dayton, Ohio. The WADC program includes work in the technical fields of materials, aerodynamics, human engineering, propulsion, flight control, aeronautical equipment, ground support equipment and the airborne parts of reconnaissance, electronic countermeasures, weapons guidance, electronics techniques, communications and navigation.

Air Force Missile Development Center, Patrick AFB, Florida. In addition to its well advertised tests of long range guided and ballistic missiles and target drones, the Center does research and development on test procedures.

Arnold Engineering Development Center, Tullahoma, Tenn., operated by Aro. Inc. The center plans, constructs and operates a series of wind tunnels and high altitude test cells for the test and evaluation of aircraft, guided missiles and air-breathing propulsion systems. The Center, a service organization, does testing for all services and for their industrial contractors.

Special Weapons Center, Kirtland AFB, N.M. Work here is centered on the AF's responsibilities in the development and testing of nuclear and thermonuclear weapons, their components and associated equipment. It also provides backup for AEC in conducting special weapons tests.

AF Missile Development Center, Holloman AFB, N.M. It is assigned research and development of specified guided missile subsystems and components and in biodynamics and space biology. It also supports AF research programs in guided missiles, electronics, geophysics, physiology, biophysics and psychology.

Rome Air Development Center, Griffis AFB, N.Y. The Center develops, tests and provides technical support for ground electronic systems and equipment. These include ground radar, navigation aids, communications, elec-



tronic countermeasures and other specialized development. It also places most of the contracts for procurement of electronic support equipment.

AF Personnel and Training Research Center, Lackland AFB, Tex. makes predictions of the personnel requirements which will result from the development of new weapons systems.

In addition to the major centers described, ARDC includes: The Office of Aircraft Nuclear Propulsion; the Armed Services Technical Information Agency, with field offices in Los Angeles, San Francisco, New York, Washington, D.C. and Dayton, Ohio. It also supports a European Office at Brussels, Belgium whose job it is to encourage European scientists to take in research contracts, and to monitor such contracts.

Finally there is the AF Ballistic Missile Division, Inglewood, Calif., which is responsible for managing the AF Thor, Atlas and Titan at this time and the second generation of missiles to follow. Research interest runs from fundamental research to crash hardware programs where bugs are found and the need for an answer is immediate.

Moving out of the research area, and into the "buy program" for inventory, the Directorate of Procurement and Production at the Air Materiel Command, Wright-Patterson AFB, Dayton, Ohio, takes charge. The function of the directorate is to procure, produce, plan, schedule, budget and supervise aerial weapons including missiles, engines, armament and equipment down to the nuts and bolts which hold missile components and aircraft together.

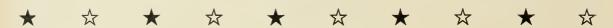
The Directorate buys complete aircraft, missiles, engines, navigational and communications equipment and items which still require extensive engineering work. Under a new theory of decentralization, air materiel areas buy items in their assigned property classes corresponding to the classes for which they have primary supply and maintenance responsibility.

# How to Do Business with the



## DEPARTMENT OF THE NAVY

by Bernard D. Brown



Large and small manufacturers who do business with the Navy, deal principally with three bureaus: the Bureau of Ordnance, the Bureau of Aeronautics and the Office of Naval Research. All three have their headquarters at 18th Street and Constitution Avenue, Washington, D.C.

"The Department of the Navy," said Raymond H. Fogler, former Assistant Secretary of the Navy for Materiel, "has continuously pursued a policy of encouraging maximum subcontracting to small firms by prime contractors. This policy has been repeatedly stressed in official contacts with Navy suppliers and is specifically set forth in all fixed-priced and cost-reimbursement-type contracts for supplies and services in excess of \$5000."

During the six-year period beginning in fiscal 1950, small business firms received, tbrough prime contracts, more than \$6.7 billion. That figure represented 20.4 percent of the Navy's total direct purchases. Another 20 percent of the Navy's procurement dollars was channeled to small firms through subcontracts placed by Navy prime contractors.

(For a list of prime contractors who are doing or have done business with the Navy, a booklet, *Selling to Navy Prime Contractors* (NAVEXOS P-1030), is available from the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C.)

# OFFICE OF NAVAL RESEARCH . . . the directing agency

The Office of Naval Research was established by Congress August 1, 1946, to coordinate scientific research in the Navy.

ONR's activities and responsibilities have steadily increased during the past 11 years, but it is still concerned, primarily, with basic research, rather than applied research.

The Navy's research and development interests are broad, covering nearly the entire spectrum of the sciences and touching almost every industrial field. ONR's basic policy is to provide the means for interbureau and interlaboratory groups to get together.

ONR moves into technical areas that appear critical to the Navy and into warfare areas when the work appears to require integration. It conducts most of the Navy's program of basic research. Most of this basic research is conducted in colleges and universities, although some research is also conducted in commercial and industrial laboratories and in nonprofit laboratories and institutions.

ONR does not conduct all of the Navy's research, however, nor does it conduct much development. Each Navy bureau is responsible for developing items for which it has special technical competence. In addition, the bureaus conduct their own programs of research

in direct support of their own developments or their own technical areas.

Occasionally ONR conducts what is called exploratory development: research contractors work on a development until the principle is proved. The project is then turned over to the appropriate bureau.

For example, ONR's Air Branch directs a program which develops and demonstrates fundamentally new concepts in the field of aeronautics, such as the very light one-man helicopter. Later, the concept is fully developed by the Bureau of Aeronautics.

ONR branch offices throughout the country receive contract proposals, but all are finally negotiated in Washington. Branch offices are located in New York, Boston, Chicago, San Francisco, Pasadena and London.

Serving under each branch office are resident representatives at various colleges and universities, including Rochester, Pennsylvania, Pittsburgh, Michigan, Ohio State, Kansas, Texas, Minnesota, Purdue, Washington, California, Stanford, Johns Hopkins and the Georgia Institute of Technology.

ONR also has field stations such as the Naval Research Laboratory in Washington; the Special Devices Center at Sands Point, Port Washington, N.Y.; the Underwater Sound Reference Laboratory at Orlando, Fla., and the Naval Biological Laboratory at Oakland, Calif.

In addition, any qualified person, educational institution, nonprofit organization or business firm may submit a research proposal to one of ONR's seven science divisions: Earth Sciences, Material Sciences, Physical Sciences, Mathematical Sciences. Biological Sciences, Psychological Sciences and Naval Sciences.

Each of these divisions is divided into branches. For example, the Physical Sciences Division has a Physics Branch, a Nuclear Physics Branch and an Electronics Branch. An electronics engineer or scientist who has a research proposal to make would be well advised to talk it over with the director of the Physical Sciences Division or the Electronics Branch, He may find that research is already underway on a similar proposal, or that his proposal is unique, has merit, will be seriously considered and a contract for its performance issued.

What applies to the individual also applies to representatives of organizations, whether profit or nonprofit, who wish to do business with the Office of Naval Research.

#### **BUREAU OF ORDNANCE**

#### . . . armament developer

The Bureau of Ordnance is responsible for the design, development, research, operating standards, manufacture, procurement, maintenance, distribution, repairs and disposition of all arms and armament employed by the

That includes, in addition to guns, armor, torpedoes, mines, depth charges, pyrotechnics and bombs, rockets and certain guided missiles and special weapons, ammunition, war explosives and chemicals. It also includes defensive nets, booms and buoys, anchors, moorings, propellants and appliances for these items and, except as specifically assigned elsewhere, optical and other devices and material for the control of guns, torpedoes and bombs.

BuOrd also has responsibility for maintenance, control, upkeep and operation of naval ordnance activities (depots and the like) which house these armaments.

Just how important is BuOrd in the total Navy missile picture? Of the five Navy guided missiles now operational, four were developed under the direction of the Bureau of Ordnance.

#### **BUREAU OF AERONAUTICS**

#### . . . develops aircraft & missiles

The Bureau of Aeronautics is responsible for the design, development, procurement, production, test, fitting out, maintenance, alteration, repair and material effectiveness of Navy and Marine Corps aircraft, target drones, certain guided missiles, including components and equipment. It is also responsible for research and other pertinent functions related to these activ-

In addition, BuAer contracts for naval aircraft and technical or specialized aviation equipment and, most important, provides plant facilities and schedules for the production of these

BuAer also collaborates with the Bureau of Yards and Docks in design, construction and alteration of all aeronautic shore establishments.

The Bureau outfits and replenishes with aeronautical equipment and material all bases afloat and ashore from which naval aircraft operate, and supervises the service, repair, overhaul and salvage of naval aircraft and aviation equipment.

#### Procurement Items Listed by Responsible Office

NAVY PROCUREMENT OFFICES BUREAU OF AERONAUTICS, Dept. of Navy, Washington 25, D. C. Procurement Items: Propellers; aircraft launching equip.; electric aircraft actua-tors; electric cabin and cockpit heaters; tow target releases; barrier materials; cat-apults; aircraft loading ramps; energizers; radio communications equipment; bea-cons; beams; control tower equipment; direction finder groups; airborne radio navigation and air traffic control equip; oscillators; airborne radios and equip; ground radios and equip; airborne navigation instrument transmitters; intercommunication equip; radar equip; airborne detection sets; altimeters; amplifiers; computers; direction, distance, elevation and range indicators; misc meters; modulators; sonar; radiac equipment; infrared; switches; headsets; microphones, speakers; electric motors; electric control equip;, electric generators and generator sets; aircraft fuel systems components, booster coils, distributors, engine generators, ignition harness assemblies, magnetoes, manifold assemblies, engine starters, engine pumps, engine coolant radiators, engine fiters, turbosuperchargers, engine control quadrants; fire trucks, hose, reels, railers; aircraft sextants; aircraft compasses; accelerometers; altimeter indicators; controls, gyros, asemblies, regulators, valves and servos; gages and gage assemblies; indicators; fuel flow transmitters; misc, aircraft meters; oscillographs; oscilloscopes; weather balloons; indicators, computers, recorders; aviation seaplane and barrier deck lighting fixtures; ladders; aircraft test stands; engine test cell equipment; shop equipment; aircraft training aids.

BUEBAU OF ORDNANCE, Dept. of Navy, Washington 25, D. C.
Procurement Items: Electron tubes; transmitters; rectifying crystals; dry cell batteries.

BUERAU OF SHIPS, Dept, of Navy, Washington 25, D. C.

cell batteries.
BUREAU OF SHIPS, Dept, of Navy,
Washington 25, D. C.
Procurement Items: Unmounted antifriction bearings; plain unmounted
bearings; books and pamphiets; telephone, telegraph, teletype, facsimile,
radio communications, intercommunication county to mad recording and repreradio communications, intercommunica-tion equip; sound recording and repro-duction equip; radar equip; sonar; radiac equipment; infrared; electror tubes, transistors and rectifying equip; antennae, wave guides and retailed equip; electric motors; electric control equipment; dry cell batteries; electric wire and cable; misc. power equip.

(Cont'd on page 27)

#### **Purchasing Locations and Chief Officers**

Chief, Bureau of Aeronautics, Washington 25, D.C.
Chief, Bureau of Ordnance, Washington 25, D.C.
Chief, Bureau of Ships, Washington 25, D.C.
Chief, Bureau of Yards and Docks, Washington 25, D.C.
The Quartermaster General, Headquarters, U.S. Marine Corps, Washington 25, D.C.
Officer in Charge, Navy Purchasing Office, Main Navy Building, 17th Street and Constitution Avenue, Washington 25, D.C.
Officer in Charge, Navy Purchasing Office, Main Street, Navy Purchasing Office, Ill East 16th Street, New York, Office, 111 East 16th Street, New York, N.Y. N.Y.
General Stores Supply Officer, General
Stores Supply Office, 700 Robbins Avenue,
Philadelphia 11, Pa.
Electronics Supply Officer, Electronic
Supply Office, Great Lakes, Ill.
Aviation Supply Officer, Aviation Supply
Office, 700 Robbins Avenue, Philadelphia Officer in Charge, Ship Parts Control Center, Naval Supply Depot, Mechanics-Officer in Charge, Ship Parts Control Center, Naval Supply Depot, Mechanicsburg, Pa.
Yards and Docks Supply Officer, Yards and Docks Supply Officer, Naval Construction Center, Port Hueneme, Calif. Submarine Supply Officer, Submarine Supply Officer, Submarine Supply Officer, Futher Supply Officer, Futher Supply Officer, Rittenhouse Square Building, 19th and Walnut Streets, Philadelphia 3, Pa.
Commander, Naval Shipyard, Building 153, Portsmouth, N.H.
Supply Officer, Naval Gun Factory, Building 176, M Street at 8th Street Southeast, Washington 25, D.C.
Fuel Supply Officer, Fuel Supply Office, Naval Gun Factory, Washington 25, D.C.
Ordnance Supply Officer, Naval Ordnance Supply Office, Mechanicsburg, Pa.
Chief of Naval Research, Washington 25, D.C.
Director, Special Devices Center, Office

Director, Special Devices Center, Office

of Naval Research, Sands Point, Port Washington, Long Island, N.Y. Commander, Military Sea Transportation Service, Washington 25, D.C. Office in Charge, Navy Ships Store Office, 29th Street and 3rd Avenue, Brooklyn 32, N.Y. Activities listed below purchase generaluse items as well as items of a technical nature to fulfill their own special activities in their geographical area for which they purchase.

Navy Purchasing Offices, Los Angeles, Calif.; San Francisco, Caiff.; Norfolk, Va.

Va.

Naval Supply Depots, Newport, R.I.;
Great Lakes, Ill.; Seattle, Wash.
Naval Shipyards, Boston, Mass.; Philadelphia, Pa.; Charleston, S.C.; Bremerton, Wash.
Naval Air Stations, Patuxent River, Md.;
Jacksonville, Fla.; Pensacoia, Fla.; Memphis, Tenn.; Corpus Christi, Tex.; Dalias,
Tex.

Marine Corps. At Status

Marine Corps Air Station, Miami, Fla. Naval Ordnance Piants, Indianapolis, Ind.; Forest Park, Ili.; York, Pa.; Macon,

Ga. Naval Ammunition Depots, Crane, Ind.;

Naval Ammunition Depots, Crane, Ind.;
McAlester, Okla.
Naval Stations, New Orleans, La.;
Orange, Tex.
Naval Academy, Annapolis, Md.
Naval Submarine Base, New London,
Conn.; Naval Air Material Center, Naval
Base, Philadelphia, Pa.; Naval Proving
Grounds, Dahigren, Va.; Navy Mine
Countermeasures Station, Panama, City,
Fla.; Naval Research Laboratory, Angula Costia, Washington 25, D.C.; Navy
Hydrographie Office, Suitland, Md.;
Naval Ordnance Laboratory, White Oak,
Md.; Naval Powder Factory, Indianhead, Md.

Marine Corps Depot of Supplies, P. delphia, Pa.; San Francisco, Calif.

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CUSTOM DESIGNED TO MEET MILITARY REQUIREMENTS



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TIME DELAY RELAYS
Write for Bulletin AWH-TD-502

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(as shown)
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Reversible — Light weight (8 ounces). 115 volts ± 10%; 55 milliamps. Torque: 0.025 oz-in at 3000 rpm. Meet Military Requirements. Write for Bulletin AWH MO 803.



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Single or multiple switching. Delay periods from 2 seconds to 3 hours. Write for Bulletin AWH TD 400.

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Provides a controlled reset rate. Designed to meet special applications. Hermetically sealed or enclosed in dust cover. Meets military requirements. Write for Bulletin AWH TD 402.



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(or write for complete catalog).

AWH-MS-101-102 AWH-RC-201 AWH-RC-300 AWH-TD-401 AWH-TD-403 AWH-TD-404 AWH-TD-406 AWH-ET-600-601 AWH-ET-600-601 Application Data Sheets
Basic Repeat Cycle Timers
Precision Interval Timers
Hermetic Adjustable Time Delay Relays
Basic Time Delay Relays
Dial Adjustable Time Delay Relays
Basic Hermetic Time Delay Relays
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Basic Direct Current Timing Motors

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5800 Series — Aircraft and missile applications where extreme temperature, vibration, and shock are encountered. Write for Bulletin AWH MO 800, -801, -802, -804.

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Precision Movement — Electrical Reset. Temperature Range — 55° C. to 85° C. Option on Mounting, Electrical Termination, Calibration Range. 20-30 Volt D.C. Write for Bulletin AWH-ET-700. 115 Volt, 400 CPS. Write for Bulletin AWH-ET-701.

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#### Navy (Cont'd)

diving and saivage apparatus; generator and generator sets; hull type coolers; extinguishers, axes, rakes, brooms; azi-muths, extants and octants; other meters; iubrication and fuel dispensing equip.; winohes.

BUREAU OF YARDS AND DOCKS, Dept. of Navy, Washington 25, D. C. Procurement Items: Cranes, derricks,

OFFICER IN CHARGE, NAVY PUR-CHASING OFFICE, Main Navy Bidg., 17th and Constitution Ave., Washington 25, D. C.

25, D. C.

Procurement Items: Floor sanders, polishers and vacuum cleaners; electric motors; generators and generators sets; fles, rasps, saws, blades and frames, edge tools, mechanical measuring tools; chests, kits and sets of a variety of types of tools; industrial cutiery; fastening devices; industrial cutiery; fastening devices; industrial cutiers; portable conveyor units; trucks, trailers, tractors, stackers and accessories; push carts, handcarts, wheelbarrows; industrial batteries; paliets and paliet trucks; calipers, tapes, squares, straight edges, vernier, gages, levels, pumb rules, protractors; metal rules, scales; sets, kits and outfits of measuring tools; bending and forming machines; power-driven presses; punches and shearing machines; forging machines and hammers; wire and metal ribbon forming machines; drawing machines; metal finishing equip.

drawing machines; metal finishing equip.

AVIATION SUPPLY OFFICER, Naval Aviation Supply Office, 700 Robbins Ave., Philadelphia 11, Pa.

Procurement Items: Propellers; propeller hub barrels, aircraft rotor blades, rotor hubs, spinners, propeller synchronizers; landing shock struts; aircraft wheel and brake systems, landing foats, ianding skis, auxiliary fuet tanks, hydraulic accumulators, lifting bags, actuating cylinders; hydraulic pumps, aircraft pressurizing and breathing equip.; cargo and personnel parachutes parachute canopies; aerial delivery containers; aerial delivery slings; aircraft cargo tledown equipment; safety belts and shoulder harnesses; cabin and cockpit heaters; tow target releases; aircraft windshield wipers; deceleration parachutes; tow bars; fin tilt jacks; landing gear lock assembiles; books and pamphlets; radio communication equip, sound and recording equip,; radar equip, sound and recording equip; radar equip, sound and speakers; electric hardware and supplies; electric motors; electric control equipment; electric generator and generator sets; dry ceil batteries; electric wire and cable; power-driven presses; punches and shearing machines; forging machines and hammers; wire and metal cable; power-driven presses; punches and shearing machines; forging machines and hammers; wire and metal ribbon forming machines; drawing mechines; metal finishing equipment; aircraft air-conditioning equip.; tires and tubes. tubes.

SUPPLY OFFICER, NAVAL GUN FAC-TORY, Bullding 176, M Street at 8th S.E., Washington 25, D. C. Procurement Items: Electric generators and generator sets.

#### U.S. MARINE CORPS

QUARTERMASTER GENERAL, Head-quarters, U.S. Marine Corps, Washing-ton 25, D. C.

quarters, U.S. Marine Corps, Washington 25, D. C.

Procurement Items: Unmounted antifriction bearings; unmounted plain bearings; books and pamphlets; acetylene; carbon dloxide; floor sanders, polishers, vacuum cleaners; brooms, brushes, mops and sponges; cleaning and polishing compounds; circuit breakers; switches; electric connectors; lugs, terminals and terminal strips; coils and transformers; electronic tubes, transformers and recitying crystals; antennae, waveguides and related equipment; relays, contractors and solenoids; electric motors; electric control equip.; dry cell batterles; electric wire and cable; extinguishers, axes, rakes, brooms; bolts, studs, screws; nuts and washers; nalis, keys and pins; discs, wheels, stones, abrasives; lubrication and fuel dispensing equip; push-carts and wheelbarrows; bending and forming machines; power-driven presses; punches and shearing machines; forging machines and hammers; wire and metal ribbon forming machines; drawing machines; metal finishing equip; welding, fame cutting and metalizing equip. equip.



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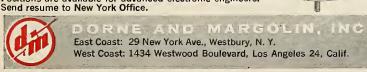
DM CNI-1 Duplex UHF L-band Tail Fin Antenna. V.S.W.R.-2:1 for both UHF and L-band antenna Mounting-within dielectric tail fin cap Weight — 4.31 pounds . . . separate input connectors eliminate external diplexing filters.

DM C7-2 High Speed UHF Blade Antenna. V.S.W.R.-2.5:1 from 225 to 400 mc Mounting-duplicates AT-256/ARC Antenna Drag—3 pounds for DM C7-2 versus 17.5 pounds for AT-256 at Mach 0.9 and 25,000 feet

Weight-Approx. 20 ounces

altitude.

Positions are available for advanced electronic engineers.





# U. S. MISSILE ARSENAL

Over the past ten years, the missile has matured from a low-cost research program to a \$3.5-billion market. On the following pages is a directory of the missiles that stock the U.S. arsenal.

#### ATLAS (SM-65)

TYPE: Surface-to-Surface SERVICE: Air Force STATUS: Developmental

#### PRIME CONTRACTOR

San Diego, Calif.



Atlas

#### BOMARC (IM-99)

TYPE: Surface-to-Air SERVICE: Air Force STATUS: In Production

#### PRIME CONTRACTOR

Boeing Airplane Co. Seattle, Wash.

Baltimore, Md.

#### PRINCIPAL SUBCONTRACTORS

Booster rocket Aerojet-General Corp. Azusa, Calif. Ramjet engines Marquardt Aircraft Co.
Van Nuys, Calif.
Homing radar, flight control group
Westinghouse Electric Corp.

#### **BULL GOOSE (SM-73)**

TYPE: Diversionary Missile SERVICE: Air Force STATUS: Developmental

#### PRIME CONTRACTOR

Fairchild Engine & Airplane Corp. Fairchild Aircraft Div. Hagerstown, Md.

#### ASSOCIATE CONTRACTOR

Component: Electronic Ramo-Wooldridge Corp. Los Angeles, Calif.

#### BULLPUP

TYPE: Air-to-Surface SERVICE: Navy STATUS: Developmental

#### PRIME CONTRACTOR

The Martin Co. Middle River, Md. & Orlando, Fla.

#### PRINCIPAL SUBCONTRACTORS

Aerojet-General Corp. Azusa, Calif.

Naval Ordnance Lab. Corona, Calif.

Elgin National Watch Co. Elgin, III.



Bullpup

#### CORPORAL

TYPE: Surface-to-Surface SERVICE: Army STATUS: Operational

#### PRIME CONTRACTORS

Firestone Tire & Rubber Co. Los Angeles, Calif.

Gilfillan Brothers Los Angeles, Calif. PRINCIPAL SUBCONTRACTORS

Gyro, Controls Gary Multiplier Co. San Gabriel, Calif. Motor

Ryan Aeronautical Co. San Diego, Calif.

#### CORVUS

TYPE: Air-to-Surface SERVICE: Navy

STATUS: Developmental PRIME CONTRACTOR

Temco Aircraft Corp.

Dallas, Texas

PRINCIPAL SUBCONTRACTORS

Propulsion

Reaction Motors, Inc. Danville, N. J. Guidance

Texas Instrument Co. Dallas, Texas Guidance

W. L. Maxson Corp. New York, New York



Dart

#### DART

TYPE: Surface-to-Surface SERVICE: Army STATUS: Operational

PRIME CONTRACTOR

Aerophysics Development Corp. Santa Monica, Calif.

PRINCIPAL SUBCONTRACTORS

Utica Bend Corp.
Utica, Michigan
Rocket motor, propellant manufacture
and loading

and loading Grand Central Rocket Co. Redlands, Calif.

Fuze
Bulova Research & Development Lab.
Flushing 70, N. Y.

Gyroscope
Whittaker Gyroscope Co.
Van Nuys, Calif.

#### FALCON (GAR 1D, 2A)

TYPE: Air-to-Air SERVICE: Air Force STATUS: Operational

PRIME CONTRACTOR

Hughes Aircraft Co. Culver City, Calif.

PRINCIPAL SUBCONTRACTORS

Rocket motor Thiokol Corp. Redstone Arsenal, Ala. Battery

Willard Storage Battery Co. Cleveland, Ohio

Stabilizer, missile container, flipper AVCO Mfg. Corp. Richmond, Ind.

Richmond, Ind.
Frequency converter
Vectron, Inc.
Waltham, Mass.

Fuze, fuze arming General Sintering Corp. Melrose Park, III.

#### GREEN QUAIL (GAM-72)

TYPE: Diversionary Missile SERVICE: Air Force STATUS: Developmental

PRIME CONTRACTOR

McDonnell Aircraft Corp. St. Louis, Mo.

PRINCIPAL SUBCONTRACTOR

Aircraft modification Boeing Aircraft Co. Seattle, Wash.

#### HAWK I

TYPE: Surface-to-Air SERVICE: Army STATUS: Operational

PRIME CONTRACTOR

Raytheon Mfg. Co. Missile & Radar Div. Bedford, Mass.

PRINCIPAL SUBCONTRACTORS

Motor (single chamber)
Aerojet-General Corp.
Sacramento, Calif.
Airframe and launcher
Northrop Aircraft Corp.
Hawthorne, Calif.
Warhead and allied accessories
Picatinny Arsenal
Dover, N. J.
Loader

Food Machinery & Chemical Corp. Ordnance Div. San Jose, Calif.

#### HONEST JOHN

TYPE: Surface-to-Surface SERVICE: Army STATUS: Operational

PRIME CONTRACTORS

Douglas Aircraft Co. Santa Monica, Calif.

Emerson Electric Co. St. Louis, Mo.



Jupiter

#### JUPITER

TYPE: Surface-to-Surface SERVICE: Army STATUS: Developmental

PRIME CONTRACTOR

Chrysler Corp. Detroit, Mich.

#### PRINCIPAL SUBCONTRACTORS

Rocket motor and associated equipment North American Aviation, Inc. Los Angeles, Calif. All-inertial guidance package Ford Instrument Co. Long Island, N. Y.

#### LACROSSE

TYPE: Surface-to-Surface SERVICE: Army STATUS: Operational

PRIME CONTRACTOR

Cornell Aeronautical Lab. Buffalo, N. Y.

#### PRINCIPAL SUBCONTRACTORS

R&D co-confractor, system production The Martin Co. Baltimore 3, Md. Motor Development Thiokol Chemical Corp. Huntsville, Ala.



La Crosse

#### LITTLE JOHN

TYPE: Surface-to-Surface SERVICE: Army STATUS: Operational PRIME CONTRACTOR

Emerson Electric Co. St. Louis, Mo.

#### MACE (TH-76)

TYPE: Surface-to-Surface SERVICE: Air Force STATUS: Flight Testing PRIME CONTRACTOR

The Martin Co.

Baltimore 3, Md.
PRINCIPAL SUBCONTRACTORS

Guidance Goodyear Aircraft Co. Akron 15, Ohio Inertial Guidance A. C. Spark Plug

Milwaukee, Wis.

#### MATADOR (TM61 & 61C)

TYPE: Surface-to-Surface SERVICE: Air Force STATUS: Operational

PRIME CONTRACTOR

The Martin Co.
Baltimore 3, Md.

#### **NIKE-AJAX**

TYPE: Surface-to-Air SERVICE: Army STATUS: Operational

#### PRIME CONTRACTOR

Western Electric Co. New York 5, N. Y.

#### PRINCIPAL SUBCONTRACTORS

Missile

Douglas Aircraft Co. Charlotte, N. C.

#### **NIKE-HERCULES**

TYPE: Surface-to-Air SERVICE: Army STATUS: Final Testing

#### PRIME CONTRACTORS

Western Electric Co., Inc. New York 5, N. Y.

Missile (exclusive of guidance section), launching area equipment, assembly area equipment

Douglas Aircraft Co. Charlotte, N. C.

#### PRINCIPAL SUBCONTRACTORS

Launchers

Consolidated Western Steel Los Angeles, Calif.

**Boosters** 

Goodyear Aircraft Co. Akron, Ohio

Metal parts for boosters Borg-Warner ngersall Div. Kalamazoo, Mich.

**NIKE-ZEUS** 

TYPE: Surface-to-Air SERVICE: Army STATUS: Developmental



Nike Ajax

#### PRIME CONTRACTOR

Western Electric Co. New York 5, N. Y

#### PRINCIPAL SUBCONTRACTORS

Missile; launching and handling equipment Douglas Aircraft Co Santa Monica, Calif.

Propellant

Grand Central Rocket Co. Redlands, Calif.

#### PERSHING

TYPE: Surface-to-Surface SERVICE: Army STATUS: Developmental

#### PRIME CONTRACTOR

Army Ballistic Missile Agency Redstone Arsenal Huntsville, Ala.

#### **POLARIS**

TYPE: Surface-to-Surface SERVICE: Navy STATUS: Developmental

#### MAJOR CONTRACTOR

Lockheed Aircraft Co. Sunnyvale, Calif.

#### PRINCIPAL SUBCONTRACTORS

Propulsion

Aerojet-General Corp. Sacramento, Calif. Guidance Development Massachusetts Institute of Technology

Cambridge, Mass.

Instrumentation Interstate Electronic Corp.

Anaheim, Calif. Launcher Design Westinghouse Corp. Sunnyvale, Calif.

#### PETREL

TYPE: Air-to-Surface SERVICE: Navy STATUS: Operational

#### PRIME CONTRACTOR Fairchild Engine & Airplane Co.

Guided Missile Div. Wyandanch, L. I.

#### PRINCIPAL SUBCONTRACTORS

Airframe, propulsion, guidance, fire control equipment

Fairchild Engine & Airplane Co., Guided Missile Div. Wyandanch, L. I.

Fuze

Naval Ordnance Lab. White Oak, Md.

Launcher

Lockheed Aircraft Corp. Burbank, Calif.

Warhead

Naval Ordnance Plant Forest Park, III.

Fuze

Bellock Corp. New York, N. Y.

#### RASCAL (GM-63)

TYPE: Air-to-Surface SERVICE: Air Force STATUS: Operational

#### PRIME CONTRACTOR

Bell Aircraft Corp. Niagara Falls, N. Y.

#### PRINCIPAL SUBCONTRACTORS

Guidance components Radio Corp. of America Camden, N. J.



Redstone

Guidance components Texas Instrument Co. Dallas, Texas Guidance components Arma Corp. New York, N. Y.

#### REDSTONE

TYPE: Surface-to-Surface SERVICE: Army STATUS: Operational

#### PRIME CONTRACTOR

Chrysler Corp. Detroit, Mich.

#### PRINCIPAL SUBCONTRACTORS

Rocket motor & associated equipment North American Aviation, Inc. Los Angeles, Calif. Missile fuselage

Reynolds Metal Co. Louisville, Ky.

#### REGULUS I

TYPE: Surface-to-Surface SERVICE: Navy STATUS: Operational

#### PRIME CONTRACTOR

Chance Vought Aircraft, Inc. Dallas, Texas

#### PRINCIPAL SUBCONTRACTORS

Airframe, guidance Chance Vought Aircraft, Inc. Dallas, Texas

Propulsion

Allison Division General Motors Corp. Indianapolis, Ind.

Warhead, fuze Sandia Corp. Albuquerque, N. M.

#### REGULUS II

TYPE: Surface-to-Surface SERVICE: Navy STATUS: In Production

#### PRIME CONTRACTOR

Chance Vought Aircraft, Inc. Dallas, Tex.

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HONEYCOMB STRUCTURES DIVISION
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#### Regulus II (Cont'd)

#### PRINCIPAL SUBCONTRACTORS

Airframe

Chance Vought Aircraft, Inc. Dallas, Tex.

Propulsion
General Electric Co.
Aircraft Gas Turbine Div.
Cincinnati, Ohio

Guidance

A. C. Spark Plug Division of Guided Missiles Milwaukee, Wis.

Warhead, fuze
Sandia Corp.
Albuquerque, N. M.

Computer
Texas Instrument Co.
Dallas, Tex.

#### SERGEANT

TYPE: Surface-to-Surface SERVICE: Army STATUS: Developmental

#### PRIME CONTRACTORS

System

Jet Propulsion Lab.
Pasadena, Calif.
All critical R&D components
Sperry Gyroscope Co.
Salt Lake City, Utah

#### PRINCIPAL SUBCONTRACTOR

Motor
Thiokol Chemical Corp.
Huntsville, Ala.



Sergeant

#### SIDEWINDER

TYPE: Air-to-Air SERVICE: Navy STATUS: Operational

#### PRIME CONTRACTORS

Philco Corp.
Philadelphia, Pa.
General Electric Co.
Utica, N. Y.

#### PRINCIPAL SUBCONTRACTORS

Propulsion metal parts

Norris-Thermodor Los Angeles, Calif. Hunter Douglas Riverside, Calif.

#### SNARK (SM-62)

TYPE: Surface-to-Surface SERVICE: Air Force STATUS: Operational

#### PRIME CONTRACTOR

Northrop Aircraft, Inc. Hawthorne, Calif.

#### SPARROW I

TYPE: Air-to-Air SERVICE: Navy STATUS: Operational

#### PRIME CONTRACTOR

Sperry Gyroscope Co. Great Neck, L. I., N. Y. and Bristol, Tenn. PRINCIPAL SUBCONTRACTORS

Airframe

Douglas Aircraft Co., Inc. Santa Monica, Calif.

Propulsion
Aerojet-General Corp.

Azusa, Calif. Guidance

Sperry Gyroscope Co. Great Neck, L. I., N. Y.

#### SPARROW II

TYPE: Air-to-Air SERVICE: Navy STATUS: Experimental

#### PRIME CONTRACTOR

Douglas Aircraft Co. Santa Monica, Calif.

#### PRINCIPAL SUBCONTRACTORS

Airframe

Douglas Aircraft Co. Santa Monica, Calif.

Propulsion

Aerojet-General Corp. Azusa, Calif.

Guidance Bendix Aviation Corp. Burbank, Calif.

Fuze-Warhead Naval Ordnance Lab. Corona, Calif.

Fuze

Bendix Aviation Corp. Detroit, Mich. Safety and Arming Elgin National Watch Co. Burbank, Calif.

#### SPARROW III

TYPE: Air-to-Air SERVICE: Navy STATUS: Developmental

PRIME CONTRACTOR

Raytheon Mfg. Co. Bedford, Mass.

#### PRINCIPAL SUBCONTRACTORS

**TALOS** 

Airframe, guidance, fuze Raytheon Mfg. Co. Bedford, Mass.

Propulsion
Aerojet-General Corp.

Azusa, Calif. Warhead

Naval Ordnance Lab. White Oak, Md.

Warhead

Rheem Mfg. Co. Downey. Calif. Safety and Arming Elgin National Watch Co. Burbank, Calif.

TYPE: Surface-to-Air SERVICE: Navy STATUS: Operational

#### PRIME CONTRACTORS

Shipborne

Bendix Aviation Corp.
Bendix Products Div.
Mishawaka, Ind.

Land-based

Radio Corp. of America Camden, N. J.



Talos

#### TARTAR

TYPE: Surface-to-Air SERVICE: Navy STATUS: Developmental

#### PRIME CONTRACTOR

Convair Pomona, Calif.

#### PRINCIPAL SUBCONTRACTOR

Power tubes Varian Associates Palo Alto, Calif.

#### **TERRIER**

TYPE: Surface-to-Air SERVICE: Navy STATUS: Operational

PRIME CONTRACTOR

Convair Pomona, Calif.

#### THOR (SM-75)

TYPE: Surface-to-Surface SERVICE: Air Force STATUS: Developmental

PRIME CONTRACTOR

Douglas Aircraft Co. Santa Monica, Calif.

#### PRINCIPAL SUBCONTRACTOR

System

Ramo-Wooldridge Corp. Santa Monica, Calif.

#### TITAN (SM-68)

TYPE: Surface-to-Surface SERVICE: Air Force STATUS: Developmental

PRIME CONTRACTOR

The Martin Co. Denver, Colo.

#### PRINCIPAL SUBCONTRACTOR

System Ramo-Wooldridge Corp. Los Angeles, Calif. MISSILE

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# MISSILE PURCHASING DIRECTORY

Below are listed over 3,000 companies engaged in the missile business, along with their address, phone number, and key purchasing and sales personnel. Information concerning type of company activity may be determined by the coding at the end of each listing. Codings are explained in the lower right hand corner of every other page. The editors have made every effort to obtain listings for all companies active in the missile industry, but recognize that with a first issue some companies will be omitted. To the best of our abilities, at least two inquiries were sent to all missile and missile parts manufacturers. Companies not listed but interested in being listed in future issues should write to: Editor, MISSILE MARKET GUIDE & DIREC-TORY EDITION, American Aviation Publications, 1001 Vermont Ave., N. W., Washington, D. C.

TORY EDITION, American Avia	ation Publications, 1001 Vermont Ave., N	. W., Washington, D. C.
*AC SPARK PLUG DIV., GENERAL MOTORS CORP.	ACCURATE ELECTRONICS CORP., Dept. D 169 S. Abbe Rd., Elyria, O. (Tel. EMerson 6-7925)	ACME ELECTRIC HEATING CO. 1217 Washington St., Boston 18, Mass (Tel. HAncock 6-1569)
1925 E. Kenilworth Pl., Milwaukee 1, Wis. (Tel. BR 3-1120)	MF, WN, PS, GS, GH, GE, CO, TS, TR	Pres.: S. Lincoln Price PS, GS, GH, TR
Purch. Dir.: Jack Briner Sales & Adv. Mgr.: M. B. Price	ACCURATE INSULATED WIRE CORP. 25 Fox St., New Haven I, Conn. (Tel.	ACME GEAR CO., INC.
PS, GS, GE, TS  ★(See advertisement in this issue)	STate 7-2194) Sales Mgr.: John V. Robinson	129 Coolidge Ave., Englewood, N. J (Tel. LO 8-2245)
ACF INDUSTRIES, INC., ADVANCED PROD- UCTS DIV.	MF, PS, GS, TS, TR ACCURATE SPECIALTIES CO. INC.	Gen. Mgr.: Russell Wolff Sales Mgr.: Harry L. Stringfield
St. Charles, Mo. (Tel. RAndolph 4-2980) Purch. Mgr.: P. M. Tintera Contr. Mgr.: J. H. Yaughan	37-11 57th St., Woodside, N. Y. (Tel. TWining 9-5757)	PS, GS ACME INDUSTRIAL CO.
Contr. Mgr.: J. H. Vaughan MF, WN, PS, GS, GH, GE, TS, TR	Purch. Agent: Lawrence Diamond Asst. Purch. Agent: Bernard Triffleman Buyer: Robert MacIsaac	200-222 N. Laflin St., Chicago 7, III. (Tel MOnroe 6-4122) Purch. Agent: Herbert N. Straus
AEMCO INC. 10 State St., Mankato, Minn. (Tel. 5153) Purch. Agent: A. P. Pitzl	Sales Mgr.: Nathan Zimmes  MF, WN, PS, GE, TS, TR	V. PSales Mgr.: Warner T. Bracken MF, PS, GS, GE, CO, TS
Asst. Purch. Agent: D. W. Wrucke MgrSales: J. F. Krost GE, CO, TR	ACE COIL & ELECTRONICS CO. 917 Lincoln Hwy., Metuchen, N. J. (Tel. Llberty 8-3580)	ACME MFG. & GASKET CO. 738-40 N. 41st St., Philadelphia 4, Pa
AMP INC. Eisenhower Blvd., Harrisburg, Pa. (Tel.	Purch. Agent: A. D. Meyer Buyer: I. M. MacDonald	(Tel. EVergreen 6-8622) Gen. Mgr.: Harry E. Wagenseller MF, PS
CEdar 4-0101) Purch, Agent: George A. Beck	Sales Mgr.: Fred Sampson GE, CO, TS, TR	ACME WELDING DIV., THE UNITED TOOL & DIE CO.
V. PSales: G. E. Walker MF, GS, GH, GE, TS, TR	ACE DRILL BUSHING CO. INC. 5407 Fountain Ave., Los Angeles 29, Calif.	1031 New Britain Ave., West Hartford 10 Conn. (Tel. CHapel 6-6531)
A&P METAL PRODUCTS MFG. CORP.  111 Bloomingdale Rd., Hicksville, L. I.,	(Tel. HO 9-8253) V. PMfg.: George Clement	MF, PS, GS
N. Y. (Tel. WElls 1-1575) Purch. Agent: L. J. Wepy	V. PSales: George T. Smith PS ACE ELECTRONICS ASSOCIATES, INC.	ACORN TOOL & MFG., INC. York & John Sts., Cincinnati 14, Ohio (Tel
MF, WN, PS, GS, GH A. P. W. CO.	99 Dover St., Somerville 44, Mass. (Tel. SOmerset 6-5130)	CHerry 1-2330) V. P.: Ed Stern Sales: Ed Krabacher MF, WN, PS
72 W. Main St., Rockaway, N. J. (Tel. 9-0643)	Purch. Agent: J. Kopelman Sales Mgr.: Paul Golstein GE, TS, TR	ACOUSTICA ASSOCIATES, INC.
Purch. & Sales: Arthur Pfeil GE, TS	ACE SPRING MFG. CO., INC. 78 W. Houston St., New York, N. Y. (Tel.	26 Windsor Ave., Mineola, N. Y. (Tel Ploneer 7-7900)
ABALON PRECISION MFG. CORP. 540 Casanova St., New York 59, N. Y. (Tel. LUdlow 9-5682)	ALgonquin 4-4267) MF, PS, TS, TR	Purch. Agent: Arthur Baumach V. PSales: Ralph Reynolds PS, GS, GH, GE, CO, TS, TF
Purch. Agent: Lon Orent MF, WN, PS, GS, GH	ACHESON COLLOIDS CO., DIVACHE- SON INDUSTRIES, INC.	ACRO PRODUCTS CO.
ABBOTT SCREW & MFG. CO.	1952 Washington Ave., Port Huron, Mich. (Tel. YUkon 4-4171)	369 Shurs Lane, Philadelphia, Pa. (Tel. lv) Ridge 3-5969)
1728 W. Walnut St., Chicago 12, III. (Tel. CHesapeake 3-3500)  MF, WN, PS, GH	Sales Mgr.: Arthur T. Olsson MF, PS, GS	Purch. Agent: M. Hanlon Sales Mgr.: Jack Snyderman
ABRAMS INSTRUMENT CORP.	ACKERMAN ENGRAVERS, INC. 458 Broadway, New York 13, N. Y. (Tel.	ACROMAG INC. 22519 Telegraph Rd., Detroit 41, Mich.
606 E. Shiawassee St., Lansing I, Mich. (Tel. IVanhoe 4-9441)	BArclay 7-1479) MF, GE, CO, TS, TR	(Tel. ELgin 6-7211)  Business Mgr.: R. P. Hennings
Purch. Agent: C. E. Adams Asst. Purch. Agent: F. Conner	ACKERMAN GOULD CO. 92 Bleecker St., New York 12, N. Y. (Tel.	V. PSales: T. P. Jones PS, GS, GE, CO, TS, TR
V. PSales: C. J. Arksey PS, GS, GH, GE, CO, TS, TR	ALgonquin 4-2538) Purch. & Sales: Herman Gould	
ACCESSORY CONTROLS & EQUIPMENT CORP.	Purch. Agent: Anthony Fiorey MF, PS, GS, TR	CODING Missile Frame MF
146 Willard Ave., Newington, Conn. (Tel. ADams 2-7020)	ACME BRASS FOUNDRY CO. OF SAN ANTONIO, INC.	Warhead & Nose Cone WN
Purch. Agent: C. A. Putini V. PEngrgSales: John J. Kardys	716 Wyoming St., San Antonio 3, Texas (Tel. CApitol 7-4601)	Propulsion System PS Ground Support GS
MF, WN, PS, GS, GH, TS	Gen. Mgr.: Steve Margozewitz Sales: Mrs. Agnes M. Mahula	Ground Handling GH Guidance Equipment GE
ACCESSORY PRODUCTS CO., DIVTEX-TRON INC.	ACME ELECTRIC CORP.	Check-out Equipment CO

616 W. Whittier Blvd., Whittier, Calif. (Tel. OXbow 3-3747)

(Tel. OXbow 3-3/4/)
Sales Purch. Agent: Jerry Hudson
PS, GS

14 Water St., Cuba, N. Y. (Tel. Cuba 4) Dir.-Purch.: A. J. Rudy Dir.-Sales: J. D. Hall

GS, GH, GE, TS, TR

TS

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CURTISS-WRIGHT CORP.
P. O. 80x 689, Santa Barbara Calif. (Tel. WOodland 2-9135) 5105 Denison Ave., Cleveland 2, O. (Tel. WOodbine 1-5574) 445 Morrell St., Elizabeth 4, N. J. (Tel. Pres.: Dr. William Bollay ELizabeth 2-6500) Purch. Agent: M. A. Palmiere
Sales Mgr.: Wm. A. Heine, Jr.
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533 Main St., Acton, Mass. (Tel. COlonial Mgr.-Purch.: J. E. 8aird Asst. Purch. Agent: W. S. Neff Purch. Parts Buyer: F. A. White V. P.-Purch.: C. E. Seymour 3-7756) Gen. Sales Mgr.: W. E. Seymour Prod. Mgr.: Richard Hall Mgr.-Sales, Serv. & Contracts: C. E. Dixon MF, PS, GE, TR Sales Mgr.: Leroy C. Bower, Jr. WN, PS, GS, GE, TS GE, CO, TS, TR AERO RESEARCH INSTRUMENT CO. INC. AEROQUIP CORP. 315 N. Aberaeen TAylor 9-6400) Purch. Agent: E. W. Ostrom Gen. Mgr.-Sales: B. Verson MF, PS, GS, GE, CO, TS ACTUATION RESEARCH CORP. 300 S. East Ave., Jackson, Mich. (Tel. STate 2-0361) 416 N. Glendale Ave., Glendale 6, Calif. (Tel. CHapman 5-6855) Aircraft Sales Mgr.: K. R. Manning
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MF, PS, GS, GH, TS AERO ELECTRONICS CORP.
1657 W. 134th St., Gardena, Calif. (Tel. FAculty 1-2196) CH 5-6651) Gen. Mgr.: Stephen E. Taylor Chief Engr.: James X. Green AIR REDUCTION SALES CO., DIV.-AIR RE-Dir.-Missile Technology:

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Dir.-Sales: E. R. Godfrey
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69 Wesley St., South Hackensack, N. J.
(Tel. Diamond 3-5200) ALFAX PAPER & ENGRG. CO. Washington St., Westboro, Mass. (Tel. FOrest 6-4467) Chief Engr.-Purch.: Robert A. Rivers Purch. Dept.-Sales Mgr.: Edward J. Stack GS, GE, CO, TS, TR AIRTEMP CONSTRUCTION, DIV .-Chief Engr.-Purch.: E. D. Cross Plant Mgr.-Sales: S. C. Sviokla CHRYSLER CORP. TR AIRCRAFT ARMAMENTS, INC.
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Chief-Procurement: Blaine M. Swartz
V. P.-Sales: Robert B. Chapman, III Dayton I, Ohio Dir.: R. B. Stotz AL-FIN DIV., FAIRCHILD ENGINE & AIR-PLANE CORP. Commack Rd., Deer Park, L. I., N. Y. (Tel. AIRTRON, INC. 1123 W. Elizabeth Ave., Linden, N. J. (Tel. HUnter 6-1000) Purch. Agent: H. Curran DEer Park 2-7211) Dir.-Procurement: E. W. Hill MF, WN, GS, GH, GE, TS, TR AIRCRAFT EQUIPMENT DIV.-CONSOLI-DATED DIESEL ELECTRIC CORP. 880 Canal St., Stamford, Conn. (Tel. DAvis 5-2261) Chief Engr.-Purch.: G. T. Ladd Sales: H. W. Crusey Chief Sales Engr.: R. C. Kolts MF, PS, GS, GH, GE, CO, TS, TR ALFRED ELECTRONICS 897 Commercial St., Palo Alto, Calif. (Tel. AIRWORK CORP. DAvenport 6-6496)
Purch.: Fred W. Kruse, Jr. & Al Jew Sales Mgr.: Paul N. Fulton Dir.-Opns.: J. F. Campbell Purch. Agent: J. Kistner Chief, Quotations: C. Ziehl 5245 N. W. 36th St., Miami Springs, Fla. (Tel. TUxedo 8-3467) Chief, Quotations. C. Land V. P.-Sales: Gerald Rosenberg PS, GS, GH New Product Sales Mgr.: F. H. Lee GE, CO, TS, TR PS, GS, GE AKRON BRASS MFG. CO., INC. Wooster, Ohio (Tel. HOward 2-0070) Purch. Agent: F. B. Watson Sales Mgr.: Ray Kubec ALL AMERICAN AIRCRAFT PRODUCTS, AIRCRAFT EQUIPMENT TESTING CO., INC. 1812 Fleet St., Baltimore 31, Md. (Tel. ORleans 5-8337) INC. 1311 W. Pacific Coast Hwy., Harbor City, Calif. (Tel. DA 6-1584) Purch. Agent: C. F. Bittle Sales: E. Adler Pres.: Harry P. Kupiec ALAD ALUMINUM LADDER CORP. 7260 Melrose Ave., Los Angeles 46, Calif. AIRCRAFT FITTING CO., THE MF, WN, PS, GS, GH, GE (Tel. WEbster 4-5000)

Chief Engr.-Purch.: George W. Hughes,
1448 Signal Dr., Box 630, Pomona, Calif.
(Tel. LYcoming 2-2478)

Gen. Sales Mgr.: F. A. von Baum 701 N. Federal Hwy., Dania, Fla. (Tel. ALL AMERICAN TOOL & MFG. CO. WAbash 3-2331 8027 Lawndale Ave., Skokie, Ill. (Tel. Dir.-Purch.: Paul Hummel Sales Mgr.: H. P. Borger ORchard 3-7084) MF, PS Gen. Mgr.-Purch.: S. K. Hein AIRCRAFT MECHANICS, INC.
3200 N. Nevada Ave., Colorado Springs,
Colo. (Tel. MElrose 2-7687)
V. P.-Purch.: Edwin Aro
Buyer: A. S. McCann Chief Engr.-Purch. & Sales: Robert O. Hein GH, GS ALADDIN ELECTRONICS, DIV.-ALADDIN INDUSTRIES INC. 705 Murfreesboro Rd., Nashville 10, Tenn. CODING (Tel. CH 2-3411) MF, WN, PS, GS, GH Prod. Control Mgr.: F. G. Bassler Buyer: J. Brock Stockes Missile Frame MF AIRCRAFT POROUS MEDIA, INC. Warhead & Nose Cone WN 30 Sea Cliff Ave., Glen Cove, N. Y. (Tel. V. P. & Gen. Mgr.-Sales: W. W. Stifler Propulsion System PS 4-6320) GE, TS

ALAR PRODUCTS, INC.

Purch. Agent: R. T. Maneely

Sales Mgr.: J. L. Egger

\*ALBANO CO. INC.

PR 1-00151

1071 Power Ave., Cleveland 14, O. (Tel.

549-555 W. 54th St., New York, N. Y.

PS, GS

GS, GH

Purch. Agent: N. Friedman

Sales Mgr.: J. A. Whitwell

Production Mgr.: Harold Hicks

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TRIC MFG. CO. 3405 W. 47th St., Chicago, III. (Tel. CLiffside 4-7500) Missile Frame MF
Warhead & Nose Cone WN
Propulsion System PS
Ground Support GS
Ground Handling GH
Guidance Equipment CO
Test Equipment TS
Tracking & Telemetering TR
Research & Development RE

ALUMINUM CO. OF AMERICA

Purch. Agent: F. B. Newbert

MF, WN, PS, GS, GH, GE

ALL BORO METAL PRODUCTS CO., INC. 610 Fenimore Rd., Mamaroneck, N. Y. 1501 Alcoa 8ldg., Pittsburgh 19, Pa. (Tel. ATlantic 1-4545) P. O. 8ox 2770, 12500 8ellaire Rd., Cleveland II, O. (Tel. Winton 1-2800) Purch. Agent: S. J. Gibel (Tel. OWens 8-0104) V. P. in Chg. of Engrg. & Purch .: V. P.-Purch.: H. 8. Maxwell Purch .: J. J. Schnapp & H. M. Sterling Sales Mgr.: George Gibe J. P. Haight Gen. Purch. Agent: R. O. Keefer Asst. Gen. Purch. Agent: T. O. English V. P. & Gen. Sales Mgr.: R. V. Davies MF, WN, PS, GS, GH, CO PS. GS. GH. GE. TR MF, PS, GH LOUIS ALLIS CO., THE
481 E. Stewart St., Milwaukee I, Wisc.
(Tel. HUmboldt 1-6000) ALLARD INSTRUMENT CORP. 146 E. Second St., Mineola, L. I., N. Y. (Tel. Ploneer 6-5895) ALWAC CORP. Dir.-Purch.: H. A. Larsen Plt. Supt.-Purch.: Norman M. Herman 13040 S. Cerise Ave., Hawthorne, Calif. (Tel. OR 8-5774) Head-Purch.: R. J. Desbiens Western Region Sales Mgr.: Wm. V. Crowley MF, GE, TR V. P.-Sales: C. G. Skidmore GS, GH Buyer: F. G. Haggerty GS, GE, TR ALLMETAL SCREW PRODUCTS CO., INC. ALLEGANY INSTRUMENT CO., INC. 821 Stewart Ave., Garden City, L. I., N. Y. (Tel. Ploneer 1-1200) 1091 Wills Mountain, Cumberland, Md. (Tel. PArkview 4-1200) Dir.-Purch .: P. Fishman Purch. Agent: Miss Helen Whiteman Purch. Agent: J. Segal Buyer: F. Risteyn Sales Mgr.: S. R. Marsh AMATOM ELECTRONIC HARDWARE CO. Sales Mgr.: James G. Ramsay
PS, GS, GH, GE, CO, TS, TR INC. 88 Drake Ave., New Rochelle, N. Y. (Tel. MF, WN, PS, GS, GH BEverly 5-3838) ALLEGHENY LUDLUM STEEL CORP.
Oliver 8ldg., Pittsburgh 22, Pa. (Tel. Oliver 8ldg., P COurt 1-5300) Purch. Agent: M. Nichols ALLOY PRECISION CASTINGS CO. Buyer: G. Marcus 3855 W. 150th St., Cleveland 11, O. (Tel. P.-Sales: N. D. Frank V. P.-Purch .: L. H. 8ittner CLearwater 2-3650) MF, WN, PS, GS, GH, GE, CO, TS, TR V. P .- Sales: W. B. Pierce Sales Mgr.: Walter S. Poremba MF, WN, PS, GS, GE, TR AMBROID CO. INC. MF, PS Box 30, Weymouth 88, Mass. (Tel. EDgewater 5-6658) A. K. ALLEN CO. 255 E. Second St., Mineola, N. Y. (Tel. ALLOY STEEL CASTING CO. 202 County Line Rd., Southampton, Pa. Sales & Adv. Mgr.: A. E. Laneau Ploneer 7-5450) ALL-STATE WELDING ALLOYS CO., INC. 249-55 Ferris Ave., White Plains, N. Y. (Tel. WH 8-4646) AMCO ENGRG. CO. Purch. Agent: Irving Charm Sales: A. C. Kelly 7333 W. Ainslie St., Chicago 31, III. (Tel. UNderhill 7-8500) PS, GS ALLEN AIRCRAFT PRODUCTS, INC. Purch. Agent: Charles J. Oleson Sales Mgr.: R. C. Komarek Ravenna, O. (Tel. AX 6-9621) Purch. Agent: Russ Lengs Adv. Mgr.-Purch.: Richard H. Mandel AMELCO, INC. Sales Mgr.: Lee S. Wade Sales Mgr.: Wm. H. Salladay 2040 Colorado Ave., Santa Monica, Calif. (Tel. EXbrook 3-7281) PS, GS MF, PS, GE, TR Purch. Agent: William Scott, 11974 Wilshire Blvd., Los Angeles, Calif. (Tel. ALLEN MFG. CO. ALPAR MFG. CORP. 133 Sheldon St., Hartford 2, Conn. (Tel. 2910 Spring St., Redwood City, Calif. (Tel. JA 2-6131) GRanite 8-0207) EM 8-4701) Purch. Agent: Wm. A. MacDonald V. P.-Sales: W. D. Horner Head Buyer: Angela Russo (Los Angeles) Buyers: Mackie Carlyle & James Shaw (Los Purch.: C. R. Parmenter Sales: R. V. Laustrup TR C. ALLEN BUSINESS MACHINES, INC., AIRCRAFT INSTRUMENT DIV. Angeles) Expediters: Harvey Noel and Jack Craig ALPHA INSTRUMENT CO. 43 Hempstead St., New London, Conn. (Tel. Gibson 2-2141) Gen. Mgr.: Isadore A. Cohn (Los Angeles) P.-Contract Administrator: (Tel. Gibsui Leadore A. Cohn Gen. Mgr.: Isadore A. Cohn GS, GE, CO, TS, TR 333 Commerce St., N. W., Grand Rapids, Mich. (Tel. GL 6-8541) Purch. Agent: F. C. Paterson Frank J. Bretzing GS, GH, GE, CO, TS, TR AMERAC INC.
Dunham Rd., Beverly, Mass. (Tel. WAlker Mgr., Instrument Div.: G. T. Harrison ALPHA METALS, INC. 56 Water St., Jersey City, N. J. (Tel. HEnderson 4-6778) PS, GE, TR 2-8610) ★ (See advertisement in this issue) Purch. Agent: Lawrence Turbow
Sales Mgr.: Harold Hertzog
MF, WN, PS, GS, GE, TR Sales Engr.: Owen Haszard ALLIED CHEMICAL & DYE CORP., NITRO-GS, GE, CO, TS, TR GEN DIV. 40 Rector St., New York 6, N. Y. (Tel. HAnover 2-7300) Dir.-Indust. Sales: John J. Porter PS AMERCOAT CORP. 4809 Firestone Blvd., South Gate, Calif. ALPHA WIRE CORP. (Tel. LOrain 4-2581)

Purch. Agent: G. Groshong

V. P.-Sales: D. O. Lachmund 200 Varick St., New York 14, N. Y. (Tel. ALgonquin 5-5400) ALLIED CONTROL CO., INC. Purch. Agent: Sheldon Ellenoff MF, WN, PS, TR 2 E. End Ave., New York, N. Y. [Tel. 8Utterfield 8-7403] Gen. Mgr.-Sales: Howard B. Saltzman MF, PS, GS, GH, TS, TR AMERICAN AEROPHYSICS CORP. Purch. Agent: Carl Holland 109 Sheldon St., El Segundo, Calif. (Tel. Gen. Sales Mgr.: A. G. Zepp ORegon 8-3789) PS, GS, GE, TR ALTAIR INC. Purch. Agent: W. C. Dunlop 50 S. MacQuesten Pkwy., Mt. Vernon, N. Y. MF. PS. GS ALLIED DECALS, INC. (Tel. MOunt Vernon 4-7300) 8400 Hough Ave., Cleveland 3, O. (Tel. Purch. Agent: L. E. Odell AMERICAN AGILE CORP.
P. O. Box 168, Bedford, O. (Tel. MO 2-SW 1-6863) Sales Mgr.: J. J. Mancusi, Jr. Sales: Gordon R. Weigle MF, PS, GS 69001 Purch. Agent & Plt. Mgr.: F. W. Freedman Exec. V. P. & Gen. Mgr.-Purch.: C. F. Freedman ALLIED ENGRAVING & STAMPING CO. ALTAMIL CORP. 17-21 Elm St., Buffalo 3, N. Y. (Tel. CLeveland 3725) Sales: D. Karnofsky 225 Oregon St., El Segundo, Calif. (Tel. EAstgate 2-5520) Sales: F. C. Alten MF, WN, PS Purch. Dir.: Dave Davis Purch. Agent: Al Duvall V. P.-Sales: H. E. Blythe, Jr. MF, WN, PS, GS, GE, CO, TS, TR AMERICAN AIR FILTER CO., DEFENSE ALLIED PLASTICS SUPPLY CORP. PRODUCTS DIV. MF, WN Purch. Agent: M. L. Marlaire
Buyer: H. Martin
Expediter: E. Ramser 75 Cliff St., New York 38, N. Y. (Tel. BEekman 3-7377) ALTO SCIENTIFIC CO., INC. 855 Commercial St., Palo Alto, Calif. (Tel. V. P.-Purch.: Raymond O. Vetter MF, WN, PS, GS, GE, CO, TS, TR DAvenport 4-4733) Purch. Agent: Miss V. Barrett Gen. Mgr.-Sales: David Cherr Sales: N. Dahm MF. GS ALLIED RESEARCH & ENGRG., DIV.-ALLIED RECORD MFG. CO. AMERICAN BRAKE SHOE CO. PS, GS, GH, GE, CO, TS, TR 6916 Santa Monica Blvd., Hollywood 38, Calif. (Tel. HOllywood 2-1251) Purch. Agent: Jack Kalk 530 Fifth Ave., New York 36, N. Y. (Tel. OX 7-7000) ALUMINUM ALLOYS CORP.

6650 W. Walton, Detroit 10, Mich. (Tel.

TYler 8-5300)

ALLIED WITAN CO. INC.

Sales Mgr.: Bruce C. Jones

AMERICAN BRAKE SHOE CO., ENGI-NEERED CASTING DIV. 10 Mt. Read Blvd., Rochester 11, N. Y. (Tel. GEnesee 8-6455)

Defense Prod. Mgr.: Richard A. Pinto Sales V. P.: P. H. Clapp MF, WN, PS, GS

AMERICAN BRAKE SHOE CO., KELLOGG 97 Humboldt St., Rochester 9, N. Y. (Tel. BUtler 8-2020)

Purch. Agent: D. S. Judd Mgr.-Aircraft Prod. Sales: K. C. Binder PS, GE

AMERICAN BRASS CO., THE 414 Meadow St., Waterbury, Conn. (Tel. PLaza 4-1121)

Gen. Purch. Agent: E. A. Lane MF, WN, PS, GS, GH, GE, CO, TS, TR

AMERICAN BRASS CO., AMERICAN METAL HOSE DIV.

698 S. Main St., Waterbury 10, Conn. (Tel. PLaza 4-1121)

Div. Purch. Agent: W. S. Edwards MF, PS, GS, GH

AMERICAN BRAZING ALLOYS CO. P. O. Box II, Pelham, N. Y. (Tel. MO 4-5858)

AMERICAN CAR & FOUNDRY DIV., ACF

INDUSTRIES, INC.
) Church St., New York 8, N. Y. (Tel. 30 Church St., WOrth 4-3010}

V. P .- Purch .: P. B. Hoyt

Asst. V. P.-Purch.: H. Streeder V. P.-Mktg.: J. E. Angst Dir. Defense Prod.-Sales: J. M. Gruitch MF, WN, PS, GS, GH, CO, TR

AMERICAN CONVEYOR CO. 2133 S. Christiana Ave., Chicago 23, III. (Tel. LAwndale 1-2144)

Purch. Agent: George J. Handa Sales Engr.: D. C. Colletti GS

AMERICAN CORD & WEBBING CO., INC. 374 Broadway, New York 13, N. Y. (Tel. BEekman 3-2326) MF, WN, PS

V. P .: R. H. Shapiro AMERICAN ELECTRIC CABLE CO. 181 Appleton St., Holyoke, Mass. (Tel. JEfferson 9-9893)

Sales Mgr.: H. Shore
MF, PS, GS, GH, TS, TR

AMERICAN ELECTRICAL HEATER CO. 6110 Cass Ave., Detroit 2, Mich. (Tel. TRinity 5-2505)

Purch. Agent: Joseph B. Snaiar

AMERICAN ELECTRONIC LABS., INC. 121 N. Seventh St., Philadelphia 6, Pa. (Tel. WAlnut S-8780)

Head-Purch.: Seymour Kalos Purch. Agents: Jack Wojcik, Tony locono WN, PS, GS, GE, CO, TS, TR

AMERICAN ELECTRONICS, INC. 65\$ W. Washington Blvd. (Mktg. Div.), Los Angeles 15, Calif. (Tel. RI 9-5361)

Sales Mgr.: Kenneth Sneed MF, WN, PS, GS, GH, GE, CO, TS, TR

AMERICAN ELECTRONICS, INC., DATA-TRONICS DIV.

9463 W. Jefferson Blvd., Culver City, Calif. (Tel. TExas 0-7245)

Head-Purch.: J. Snedaker Buyer: V. Gillette Sub-Systems & Controls Chief, Appl. Engr.: Eric Swansson

Data Recording & Processing Chief, Appl. Engr.: Ken Williamson MF, PS, GS, GE, CO, TS, TR

AMERICAN FELT CO. Glenville, Conn. (Tel. JEfferson 1-8700) Gen. Sales Mgr.: R. Power Fraser

AMERICAN FLEXIBLE COUPLING DIV., ZURN INDUSTRIES, INC. 1801 Pittsburgh Ave., Erie, Pa. (Tel. 2-224S) Purch. Agent: Richard D. Wynne Buyer: John Gleason

\*AMERICAN GAGE & MACHINE CO.

5200 W. Kinzie St., Chicago 44, III. (Tel. EStebrook 9-1121)

★(See advertisement in this issue)

AMERICAN INSULATED WIRE CORP. 36 Freeman St., Pawtucket, R. I. (Tel. 6-0700) MF, PS, GS, TR

AMERICAN LA FRANCE CORP. 100 E. La France St., Elmira, N. Y. (Tel. 8181) Purch. Agent: F. R. Baker

Asst. Purch. Agent: George Hughes V. P.-Sales: G. J. Halpin

AMERICAN LAVA CORP. Chattanooga 5, Tenn. (Tel. AMhurst 5-3411)

Purch. Agent: C. R. Hughes Sales Mgr.: E. D. Bell MF. WN. PS. GE. TS. TR

AMERICAN LIGHT ALLOYS, INC. 1265 McBride Ave., Little Falls, N. J. (Tel. CLifford 6-6000) Sales Engr.: Duncan MacDonald

\*AMERICAN MACHINE & FOUNDRY CO.

261 Madison Ave., New York 16, N. Y. (Tel. MUrray Hill 7-3100) Chrm. & Chief Exec. Officer: Morehead Patterson Vice Chrm.: Walter Bedell Smith Pres.: Carter Burgess Group Exec.-Defense Products:

S. J. Childs NOTE: All correspondence concerning products listed in this Directory should be addressed to

Defense Products Group 1101 N. Royal St., Alexandria, Va. MF, WN, PS, GS, GH, GE, CO, TS, TR

★(See advertisement in this issue)

AMERICAN METRIX CORP. 40 Haddon Ave., Camden 3, N. J. (Tel. WO 3-4025) PS, CO, TS

AMERICAN NON GRAN BRONZE CO. 511 Old Lancaster Rd., Berwyn, Pa. (Tel. BErwyn 0240)

Purch. Agent: Charles H. Morris MF, WN, PS, GE

AMERICAN OPTICAL CO., INSTRUMENT DIV.

Optical Ave., Keene, N. H. (Tel. ELmwood 2-3202)

Purch. Agent: George Howarth WN, PS, GS, GH, GE, CO, TS, TR

AMERICAN PIPE & STEEL CORP. 2201 Commonwealth Ave., Alhambra, Calif. (Tel. CUmberland 3-2181) Purch. Agent: D. G. Lane

AMERICAN POTASH & CHEMICAL CORP., NATIONAL NORTHERN DIV. 3030 W. Sixth St., Los Angeles 54, Calif. (Tel. DUnkirk 2-8231)

V. P.-De. Wheaton P.-Defense Contracts: George MF, PS, TS

AMERICAN POWER JET CO. 705 Grand Ave., Ridgefield, N. J. (Tel. PS, GS WH 5-8203}

AMERICAN PRINTED CIRCUITS CO., INC. 104 Forrest St., Metuchen, N. J. (Tel. Liberty 8-5777)

Prod. Mgr.: Mrs. B. M. Weaver PS, GS, GH, GE, TR

AMERICAN RESEARCH & MFG. CORP. 920 Halpine Ave., Rockville, Md. (Tel. HAzelwood 7-7116) Purch. Agent: Robert A. Taylor

MF, PS, GS, GH, GE, CO, TS, TR

AMERICAN ROCKET CO.

O. Box 1112, Wyadotte, Mich. (Tel. LOgan 5-3408) MF, PS, GH, GE

AMERICAN SCREW CO 1680 W. Main St., Willimantic, Conn. (Tel. HArrison 3-6331)

Purch. Agent: Wallace A. Smedley Asst. Purch. Agent: Grant Tuttle MF, PS

AMERICAN SILVER CO.

36-07 Prince St., Flushing 54, N. Y. (Tel. FLushing 3-8012)

Purch. Agent: Robert Bernstein MF, WN, PS, GE, TS

AMERICAN SOLDER & FLUX CO. 19th & Willard Sts., Philadelphia, Pa. (Tel. BAldwin 6-1800) Gen. Mgr.: M. H. Matz

AMERICAN SPEEDLIGHT CORP. 63-01 Metropolitan Ave., Middle Village 79, N. Y. (Tel. EV 1-2000) Comptroller: Frank Denny Purch. Agent: Irwin Wald

AMERICAN STANDARD PRODUCTS, INC. 3030 Main St., Hartford, Conn. (Tel. CHapel 9-7707)

Purch. Agent: Elliot Ginden MF, WN, PS AMERICAN STEEL FOUNDRIES, HAM-MOND DIV.

Hohman & Hoffman Sts., Hammond, Ind. (Tel. WEstmore 1-1900) Div. Purch. Agent: L. D. Koontz MF, WN, PS, GS, GH

AMERICAN STEEL & WIRE DIV.-UNITED STATES STEEL CORP.

Rockefeller Bldg., 614 Superior Ave., N.W., Cleveland 13, O. (Tel. TOwer 1-2000)
Purch, Agent: R. W. Berrett
Prod. Planning & Dev. Div.-Aircraft & Missiles: H. F. Powders
V. P.-Sales: H. M. Francis

MF, PS, GH, TS

AMERICAN SUPER-TEMPERATURE WIRES, INC.

W. Canal St., Winooski, Vt. (Tel. UNiversity 2-9636) V. P.-Purch.: Frank E. Dickson

MF, PS, GS, GH, TS, TR

AMERICAN TELEVISION & RADIO CO.

300 E. 4th St., St. Paul I, Minn. (Tel-CApital 2-3791) Gen. Mgr.: Albert A. Goffstein

GS, GH, GE, TS, TR

AMERICAN TOOL CO. Pinto Bldg., Kalamazoo, Mich. (Tel. Flre-side 5-6191) PS

> CODING Missile Frame MF Warhead & Nose Cone WN Propulsion System PS **Ground Support** GS Ground Handling GH **Guidance Equipment** GE Check-out Equipment CO **Test Equipment** TS Tracking & Telemetering TR Research & Development RE

purchasing directory	amer — auto	7301 Bessemer Ave., Cleveland 27, O.
*AMERICAN TUBE BENDING CO., INC.	ANDERSON, GREENWOOD & CO. 1400 N. Rice Ave., Bellaire, Tex. (Tel.	(Tel. Michigan I-1170)  Purch. Agent: Lon Esther
7 Lawrence St., New Haven, Conn. (Tel. STate 7-2131)	MAdison 3-2343) Purch. Agent: C. J. Scallan	Asst. Purch. Agent: George Otto Sales MgrMaintenance Sales: Dan G.
Purch. Agent: A. L. Shumway V. P.: H. W. Jones, III	Sales Mgr.: W. W. Hering PS, GS, GH, TR	Kloss Sales MgrProduct Finishes: Ben F. Edman
Supt.: C. von Alimen Sales Mgr.: C. T. Novak	ANDREW CORP. 363 E. 75th St., Chicago, III. (Tel. TRiangle	MF, WN, GE, TS  ARENBERG ULTRASONIC LABORATORY,
MF, PS, GS, GH, TR  ★(See advertisement in this issue)	4.4400) Purch. Agent.: John Cornyn	INC. 94 Green St., Jamaica Plain 30, Mass. (Tel.
AMERICAN WELDING & MFG. CO., THE Dietz Rd., Warren, O. (Tel. 3-2531)	DirMktg.: Robert P. Lamons Sales Mgr.: Robert Bickel	JA 2-8640) Pres.: David L. Arenberg
Purch. Agent: C. L. Miller Buyer: D. W. Parker	WN, PS, GS, GH, GE, TS, TR	GE, CO, TS, TR ARENS CONTROLS, INC.
Buyer-Steel Sects.: G. L. Madigan Buyer-Misc. Supplies: D. C. Remalia	ANNIN CORP., THE 6570 Telegraph Rd., Los Angeles 22, Calif.	2017 Greenleaf St., Evanston, III. (Tel. DAvis 8-4700)
V. PSales: M. R. Minnick MF, WN, PS, GS, GH, GE, TS	(Tel. RAymond 3-4547) Purch. Agent: Nelson J. Jacobs	Purch. Agent: Fred W. Green DirSales: Calhoun Norton
AMGLO CORP.	Asst. Purch. Agent: Herbert K. Gussler Sales Mgr.: Henry C. Earle, Jr. PS, GS	MF, PS, GS, GH, TS
4333 N. Ravenswood Ave., Chicago 13, III. (Tel. BUckingham 1-2727)	ARTHUR ANSLEY MFG. CO.	ARIES LABORATORIES, INC. 45-33 Davis St., Long Island City I, N. Y.
Purch.: C. M. Bobka GS, GE, CO, TS, TR	New Hope, Pa. (Tel. AXtel 7-2711)  Purch.: Arthur C. Ansley GE, TR	(Tel. RAvenswood 9-9001)  Purch. Agent: H. Grisar  Sales Mgr.: William Stern MF, WN
AMPCO METAL, INC. 1759 S. 38th St., Milwaukee 46, Wisc. (Tel.	ANSONIA WIRE & CABLE CO., THE III Martin St., Ashton, R. I. (Tel. PAw-	ARISTOCRAT PLASTICS, INC.
MItchell 5-3750) MF, WN, PS, GH, GE	tucket 6-6300) Purch. Agent.: J. A. Milner	23-25 Sussex Ave., Newark, N. J. (Tel. MArket 3-4692) Pres.: Arthur Meier MF, PS, GE, TR
AMPLEX DIVCHRYSLER CORP. P. O. Box 2718, Detroit 31, Mich. (Tel.	Gen. Sales Mgr.: A. J. W. Novak MF, PS, GS, GH, TS, TR	ARKWIN INDUSTRIES, INC.
WAlnut 1-6733) Sales Mgr.: K. H. Kuhlen	ANSUL CHEMICAL CO. J Stanton St., Marinette, Wisc. (Tel. REd-	648 Main St., Westbury, L. I., N. Y. (Tel. EDgewood 3-2640)
MF, WN, PS, GS, GH, GE, TR AMPLIFIER CORP. OF AMERICA	wood 5-7411) MgrPurch.: Lee O'Leary	Purch.: Hank Baufr V. PSales: Julius Kendall
398 Broadway, New York 13, N. Y. (Tel. WOrth 6-2929)	V. PSales: L. C. McKesson GS ANTLAB INC.	MF, WN, PS, GS, GH, GE, TS  ARMA DIVAMERICAN BOSCH ARMA
Purch. Agent: M. R. Ellis Sales Mgr.: A. J. Gillette	6330 Proprietors Rd., Worthington, O. (Tel. TUxedo 5-5396)	CORP. Roosevelt Field, Garden City, N. Y. (Tel.
GS, GE, CO, TS AMTHOR TESTING INSTRUMENT CO., INC.	Gen. Mgr.: M. Brilliant Prod. Mgr.: Ralph L. Sorensen	Ploneer 2-2000) MgrProcurement: George J. Ryan
45 Van Sinderen Ave. Brooklyn 7, N. Y. (Tel. Dickens 6-8841)	PS, GS, GE, CO, TS, TR	Asst. MgrProcurement (Subcontr.): Fred M. Seitz
Purch. Agent: Al Littmann Sales Mgr.: Albert Tintner CO, TS	*ANTON ELECTRONIC LABS., INC. 1226 Flushing Ave., Brooklyn 37, N. Y. (Tel.	Asst. MgrProcurement (Spec. Proj.): James J. Dougherty Asst. MgrProcurement (Gen.): Charles F.
ANACHROME CORP. 10647 S. Garfield Ave., South Gate, Calif.	EVergreen 6-5715) Purch. Agent: Bernard Neveloff DirSales: George Weinman	Bartlam Asst. to MgrProcurement:
(Tel. LO 4-3381) DirSales: Joseph E. Trankla MF, WN	MF, PS, GS, GH, GE, CO, TS, TR *(See advertisement in this issue)	Walter Rammler Asst. to V. PNew ProjDefense-Sales: F.
ANADITE INC. 10630 Sessler St., South Gate, "Calif. (Tel.	APPLIED DESIGN CO.	A. Rutz PS, GS, GE, CO ARMCO STEEL CORP.
LO 7-0511) Purch. Agent: Clarence Edwards	1807 Elmwood Ave., Buffalc 7, N. Y. (Tel. DElaware 9595)	703 Curtis St., Middletown, O. (Tel. GArden 2-2711)
DirSales: Stanley M. Buckley MF ANALOGUE CONTROLS, INC.	Purch. Agent: D. J. Stonish V. PContracts: H. E. Hill	Purch.: J. S. Thomas Sales: L. T. Johnston MF, PS
39 Roselle St., Mineola, L. I., N. Y. (Tel. Ploneer 2-8901)	MF, PS, GS, GH APPLIED DYNAMICS CORP.	ARMITE LABS.
V. PSales: E. J. Garrett  MF, WN, PS, GS, GE, TS, TR	32 N. Main St., Natick, Mass. (Tel. OLympic 3-5271)	6609 Broad St., Los Angeles I, Calif. (Tel. LUdlow 7-7744) MF, PS
ANCHOR COUPLING CO. INC.	V. PPurch.: R. G. Ahlquist MF, PS, GS, GH, GE, TS, TR	N. Benton & Webb Sts., Alliance, O. (Tel.
342 N. Fourth St., Libertyville, III. (Tel. 2-1360) MF, PS, GS	APPLIED RESEARCH INC 76 S. Bayles Ave., Port Washington, N. Y.	Purch. Agent: H. M. Wilson
ANCHOR METAL CO. INC. 966 Meeker Ave., Brooklyn, N. Y. (Tel.	(Tel. 7-8707) Purch: F. Henrich	Gen. Sales MgrCoated Abrasives: H. L. Heiniger Gen. Sales MgrCushion Prod.: J. P.
ST 2-7090) Sales: H. Drapkin	Sales Mgr.: C. G. Costas GE, TR	Coughlin
MF, WN, PS, GS, GH, GE, CO, TR ANCHOR PACKING CO., THE	APPLIED RESEARCH LABS. 3717 Park Place, Glendale, Calif. (Tel.	ARMSTRONG CORK CO. W. Liberty St., Lancaster, Pa. (Tel. EXpress 7-5151)
401 N. Broad St., Philadelphia 8, Pa. (Tel. WAlnut 2-1343) MF, PS, GS	CHapman 5-5524)  Material Mgr.: J. D. McKim (Tel. CHurchill 9-6193)	Gen. Purch. Agent: M. L. Lampe Asst. Gen. Purch. Agent: W. A. Abel
ANCHOR SPECIALTY MFG. CO. INC. 300 Hollister Rd., Teterboro, N. J. (Tel.	Buyers: James Reddy & Donald Nadell (Tel. CHurchill 9-6193)	Gen. Sales Mgr.: W. B. Tucker
AT 8-1939) Purch.: Wm. Zablocky	Gen. Sales Mgr.: William E. Davis CO, TS, TR	ARMSTRONG PRODUCTS CO. P. O. Box I-MG, Warsaw, Ind. (Tel. AM-
PS, GS, GH, GE, TS	ARCH GEAR WORKS INC.	herst 7-3226) Mgr.: F. E. Harrison MF, WN
ANDERSEN LABS., INC. 501 New Park Ave., West Hartford, Conn. (Tel. ADams 3-4491)	97 Holmes St., North Quincy, Mass. (Tel. PR 3-8801)	ARNO ADHESIVE TAPES, INC.
Purch. Agent: Richard Smith Sales Mgr.: Harry W. Stewart	Purch. Agent: R. M. Allen Purch. Asst.: D. Purdy Sales Mar.: Robert W. Gray	U. S. 20 at Ohio St., Michigan City, Ind. (Tel. TRiangle 4-3235)
GE, CO, TS, TR	Sales Mgr.: Robert W. Gray PS, GS, GE	Purch, Agent: R. L. Scholl Sales Mgr.: M. J. Bost MF, PS, TR
40		

. . . purchasing directory amer—auto

ARCO CO., THE

P. O. Box G. Marengo, III. (Tel. Chicago ANdover 3-6300; Marengo JOrdan 8-1441 S. McLean Blvd., Wichita, Kans. (Tel. 42 Union 5t., Attleboro, Mass. (Tel. ATtleboro 1-3705) HObart 4-6379) Material Mgr.-Purch.: Gene Garrison Plt. Supt. & V. P.-Purch.: Edward F. Towle Sales Mgr.: John H. Quebman MF, WN, PS, GE, TR Exec. V. P.-Sales: W. W. Grisamore
MF, WN, PS, GS, GH Purch. Agent: R. L. Pottinger Buyer: J. Strain Sales Mgr.: Benjamin Falk MF, PS, GS, GE, TR AUBURN MFG. CO., THE ASSOCIATED ENGINEERS, INC.
P. O. Box 1628, Springfield, Mass. (Tel. RE 4-6431) Stack St., Middletown, Conn. (Te. Dlamond ARNOLT CORP.
Argonne Rd., Warsaw, Ind. (Tel. AMhurst 6-6631) Purch. Agent & Sales Mgr.: M. B. Weiner MF, WN, P5, GS, GE, TR Purch. Agent: A. E. Chalfin Gen. Sales Mgr.: George L. Parrish 7-71111 Dir.-Purch.: Roger H. Davis Purch. Agent: Carl D. Schultz AUBURN SPARK PLUG CO., INC. 89 York St., Auburn, N. Y. (Tel. 2-9501) CO, TS Expediter: Larry Yeiter
Confr. Admin.: H. M. Henderson
MF, WN, P5, G5, GH, TS ASSOCIATED RESEARCH, INC. 3779 W. Belmont Ave., Chicago 18, Ill. (Tel. COrnelia 7-4040) Purch. Agent: J. W. Bente V. P.-Sales: Richard W. Inman V. P.-Purch .: A. R. Nolin Supt.: Leo Bates Sales Mgr.: James Greene MF, WN, PS, G5, GH, GE, CO, TS, TR ARNOUX CORP. 11924 W. Washington Blvd., Los Angeles 66, Calif. (Tel. TExas 0-5371) GE, CO, TS, TR AUDIO INSTRUMENT CO., INC. Purch. Agent: George Pesner 133 W. 14th St., New York 11, N. Y. (Tel. ORegon 5-7820) ASSOCIATED TESTING LABS., INC. Asst. Purch. Agents: Darlene Thompson & Conrad J. Doerr 135 Clinton Rd., Caldwell, N. J. (Tel. CAldwell 6-7407) Chief Engr.-Purch.: William Tonkowich Proj. Engr.: Ted Wirth Sales Mgr.: C. J. LeBel ARO EQUIPMENT CORP., THE Purch, Dir.: D. M. Nixon
Purch, Dir.: D. M. Nixon
Purch, Agent, Aircraft Div.: C. E. DeGroff
Sales Mgr.-Aircraft: D. W. Orrick, Jr. AUDIO-MASTER CORP.
17 E. 45th St., New York 17, N. Y. (Tel. Engrg. Sales Mgr.: Bernard Novack OXford 7-0725) PS, GS, CO, TS Purch .: Herbert Rosen ASTRODYNE STRODYNE
McGregor, Texas (Tel. GRanite 5-2811)
Contracts & Proposals: Kenneth P. Johnson MF, PS, GS, GH, GE, TS, TR AUGAT BROTHERS, INC. 33 Perry Ave., Attleboro, Mass. (Tel. ARROW-HART & HEGEMAN ELECTRIC 1-2202) ATCO PULLEY CORP.
159 Simpson St., Wilkes-Barre, Pa. (Tel. CO., THE Sales: Robert S. Laurence MF, GE 103 Hawthorne St., Hartford 6, Conn. VAlley 5-2791) ARROWHEAD PRODUCTS, DIV.-FEDERAL-MOGUL-BOWER BEARINGS, INC. AUREX CORP. V. P.-Purch.: Marcus F. Hozempa III7 N. Franklin St., Chicago 10, III. (Tel. WHitehall 4-1117) PS, GE 5ales Mgr.: John F. Hoppe 2300 Curry St., Long Beach I, Calif. (Tel. NEvada 6-0571) Wks. Mgr.: Al Whyte ATKOMATIC VALVE CO., INC. 545 W. Abbott St., Indianapolis, Ind. (Tel. Buyers: Sylvia Ketchpaw, Margaret Grant, V. P .- Sales: E. E. Huth Lloyd Johnson MElrose 8-6545)
Sales Mgr.: S. Wayne Gailey Sales: Arnold J. Dovey
MF, WN, PS, GS, GH AUSTENAL INC. 224 E. 39th St., New York 16, N. Y. (Tel. OXford 7-5656) ATLANTIC ENGRAVERS, INC. ART SPECIALTY CO. Purch. Mgr.: A. D. Repko 52 Ocean Ave., Amityville, N. Y. (Tel. 3720 N. Milwaukee Ave., Chicago, Ill. (Tel. Asst. Purch. Mgr.: W. Riley Sales Mgr.: R. L. Wiseman AM 4-5088) Kildare 5-66071 V. P.-Purch.: Wayne Fajans ART WIRE & STAMPING CO. 227 High St., Newark 2, N. J. (Tel. HUm-MF, WN, PS, GE, TS, TR AUSTIN CO., THE, SPECIAL DEVICES DIV. ATLANTIC INSTRUMENT CORP., SUB.-AMERICAN ELECTRONICS, INC. 90 Broadway, Norwood, Mass. (Tel. 76 9th Ave., New York II, N. Y. (Tel. boldt 4-2100) WAtkins 4-3630) Purch. Agent: Fred Riedmuller Sales: Nils Johnson MF, V Purch. Agent: H. W. Hunsberger MF, WN, PS, GE Sales: W. G. Birkel NO 7-26381 ARTOS ENGRG. CO. 2757 S. 28th St., Milwaukee 46, Wisc. (Tel. Mgr.-Planning Dept.-Purch.: Dan Conley Purch. Agent: Steve Lydon Sales Mgr.: D. L. Thomas MF., WN, PS, GS, GH, GE, CO, TS AUSTIN-WESTERN, CONSTRUCTION EQUIP. DIV.-BALDWIN-LIMA-HAMIL-TON CORP.

601 N. Farnsworth Ave., Aurora, III. (Tel. MItchell 5-6010) Shop Supt.: Hubert Mueller Sales Mgr.: Haakon T. Randar ATLANTIC METAL HOSE CO., INC. 308 Dyckman St., New York City 34, N. Y. (Tel. LOrraine 9-5400) 7-8753) MF, PS, GS Dir.-Purch .: J. D. McMakin ARWOOD PRECISION CASTING CORP. Sales Mgr.: J. A. Fitzenz GS, GH 321 W. 44th St., New York, N. Y. (Tel. Purch. Agent: David M. Fuchs JUdson 2-42101 AUTO-CONTROL LABS., INC. Purch. Agent: Frank G. Xacker ATLANTIC RESEARCH CORP. 333 S. Hindry Ave., Inglewood I, Calif. V. P.-Sales: Wm. O. Sweeny 901 N. Columbus St., Alexandria, Va. (Tel. King 9-7500) MF, PS (Tel. ORegon 8-4934) ASBESTOS DIV., WORLD COMMERCE Chief Engr.: Bob Lieberman CORP. S. A. 445 Park Ave., New York 22, N. Y. (Tel. MUrray Hill 8-3800) Purch. Agent: Wilbur H. Smith Mgr.-Development: DeWitt O. Myatt Engr. (Environmental Sec.): Chuck R. Knokey Mgr.-Precontract Engrg.: Daniel A. McBride MF, WN, PS, GS, GE, CO, TS, TR MF, PS, G5, GH, GE, TS V. P.: John B. Okie AUTOMATIC ELECTRIC SALES CORP. Northlake, III. (Tel. Fillmore 5-7111) ASHLAND ELECTRIC PRODUCTS, INC. ATLAS ASBESTOS CO. N. Y. (Tel. EXeter 2-4010)

Purch, Agent: E. R. Obermann

Sales Mgr.: C. W. McElhiney 409 Walnut St., North Wales, Pa. (Tel. OXbow 9-4851)
Purch. Agent: L. C. Morrell
Sales Mgr.: G. F. Hopkins MF, PS Gen. Purch. Agent: W. S. Cadwell GH, GE, TS, TR PS, GH, GE, TR ATLAS BRASS FOUNDRY ASSEMBLY PRODUCTS, INC.
75 Wilson Mills Rd., Chesterland, O. (Tel. CODING 1901 Santa Fe Ave., Los Angeles 21, Calif. (Tel. TRinity 6695) Missile Frome MF Cleveland-HAmilton 3-4436) Secy.: K. A. Johnston PS, GH Warhead & Nose Cone WN Purch. Agent: Robert Foltz Sales Mgr.: Robert Pugsley
PS, GS, GE, CO, TS, TR Propulsion System PS ATLAS E-E CORP. Prospect St., Woburn, Mass. (Tel. Ground Support GS WOburn 2-5390) Ground Hondling GH Purch. Agent: R. A. Joyce
MF, WN, PS, GS, GH, GE, TS, TR ASSOCIATED AMERICAN WINDING CO., Guidonce Equipment GE 750 St. Ann's Ave., New York 56, N. Y. (Tel. CYpress 2-5050) Check-out Equipment CO ATLAS RESISTOR CO. Test Equipment TS Chief Purch, Agent: N. Goldman Sales Mgr.: G. B. Franklin 1128 Madison St., Chester, Pa. (Tel.

CHester 3-3341)

Secy.: S. Seidman

PS, GS, GH, GE, TR

A55OCIATED CO., INC.

ATTLEBORO REFINING CO., INC.

ARNOLD ENGRG. CO., THE

Tracking & Telemetering TR

Research & Development

GE

# . . . purchasing directory auto—ben

AUTOMATIC & PRECISION MFG. CO. 252 Hawthorne Ave., Yonkers, N. Y. (Tel. YOnkers 8-2010) Purch. Agent: Oct, Buyer: Joan Misley Sales Mgr.: Riva Solins MF, PS, GS, GH, GE, TR

AUTOMATIC SWITCH CO. Hanover Rd., Florham Park, N. J. (Tel. FRontier 7-4600)

Purch. Agent: Harold W. Hyland Valve Sales Mgr.: R. F. McCormick MF, PS, GS, GH, GE, TR

AUTOMETRIC CORP.

1501 Broadway, New York, N. Y. (Tel. BRyant 9-8700)

Purch. Agent: William Matzen

AUTOMOTIVE & AIRCRAFT DIV.-AMERI-CAN CHAIN & CABLE CO., INC.

601 Stephenson Bldg., Detroit 2, Mich. (Tel. TRinity 5-4104)

Purch.: H. C. Wenpelcke, Adrian, Mich. V. P.-Sales Mgr.: Harry Williams

GH. GE. TS

AUTONETICS, DIV.-NORTH AMERICAN AVIATION, INC.

9150 E. Imperial Hwy., Downey, Calif. (Tel. LUdlow 3-6111)

Material Dir.: C. R. Raftery, 201 W. Man-ville St., Compton, Calif. (Tel. NEw-mark 2-5721)

Purch. Agent: S. D. Zemansky, Compton, Calif.

Dir.-Mktg.: Charles A. Wolf MF, PS, GS, GH, GE, CO, TS, TR

AUTOSCREW CO.

216 W. 18th St., New York, N. Y. (Tel. WA 9-3137)

Gen. Mgr.: H. C. Levi MF, WN

AUTOTRON, INC.

3629 N. Vermilion St., Danville, III. (Tel. 650)

V. P.-Purch.: M. Gieseke PS, GH, GE, CO, TS, TR

AUTOTRONICS INC.

Box 812, Rt. I. Florissant, Mo. (Tel. TEmple 7-3565)

V. P.-Purch. & Sales: E. F. White Production Mgr.: A. F. Boaus

AUTO-VALVE INC.

12 Malden Ave., Dayton 27, O. (Tel. AMherst 3-8273)

Purch. Agent: Anthony P. Barcus Gen. Mgr.: Ted L. G. Calvo PS, GS

\*AVCO MFG. CORP., CROSLEY DIV.

1329 Arlington St., Cincinnati, Ohio (Tel. Kirby 1-6600)

Purch. Agent: Arthur J. Verax V. P.-Mktg. Defense Products: Clarence G. Feli

MF, GS, GH, GE, CO, TS, TR ★(See advertisement in this issue)

AVCO RESEARCH LAB., DIV.-AVCO MFG. CORP.

2385 Revere Beach Parkway, Everett, Mass. (Tel. DUnkirk 9-2300)

Purch. Agent: Harold Bloom Exec. Asst. to Dir.: F. C. Durant, III

AVIATION DEVELOPMENTS INC.

210 S. Victory Blvd., Burbank, Calif. (Tel. Victoria 9-4631)

Purch. Agent: Allan F. Devine Sales Mgr.: Neil L. Hanson

MF, WN, PS, GS

AVICA CORP.

P. O. Box 180, Newport, R. I. (Tel. VIking 6-9100) Purch. Mgr.: D. J. Mulholland

Chief Sales Engr.: R. S. Weiss MF, PS, GS, GH

AVIEN, INC. 58-15 Northern Blvd., Woodside 77, N. Y. (Tel. YEllowstone 2-4600) Mgr.-Purch .: Clifford Napolitano

Mktg. Mgr.: H. H. Georgens GH, GE, CO, TS, TR

AVION DIV., ACF INDUSTRIES, INC. 11 Park Place, Paramus, N. J. (Tel. COlfax 1-4100)

Purch. Agent: W. Bingham Sales Mgr.: John A. Curtis

AVNET CORP.

8966 National Blvd., Los Angeles 34, Calif. (Tel. TExas 0-6141)

Purch. Agent: Norman Karchem Sales Mgr.: M. G. Newberger

PS, GS, GE, CO, TS, TR

AVONDALE CO., THE 260 Happ Rd., Northfield, 111. (Tel. AMB 2-0342)

Purch.: Paul Manning Sales: H. N. Limback

MF, WN, PS, GS, GH, GE

AXEL ELECTRONICS

134-20 Jamaica Ave., Jamaica, N. Y. (Tel. REpublic 9-1700)

Purch. Agent: Robert H. Elkes Asst. Purch. Agent: David Schulman Sales Mgr.: Joseph P. O'Donnell GE, TR

AXLER ASSOCIATES INC.

102-42 43rd Ave., Corona 68, N. Y. (Tel. HAvemeyer 9-7718) Purch. Agent: K. Hillman

Sales: M. Axler GS, GE, TR

B. & C. INSULATION PRODUCTS, INC. 490 Lincoln Hwy., Iselin, N. J. (Tel. Liberty 8-0815)

Gen. Mgr.: Bernard Sherman MF. PS

B & F INSTRUMENTS, INC.

(Tel. DAvenport 9-2828)

V. P.-Purch.: C. E. Stufflebeam

Chief Purch. Clk.: B. Snyder

PS, CO, TS, TR

B G CORP., THE 321 Broad Ave., Ridgefield, N. J. (Tel. WHitney 5-8800) Purch. Agent: Melville Miller

Purch. Agent: Melville Miller

Dir.-Sales & Engrg.: Robert W. Brattvet

MF, WN, PS, GH, TR

B & H INSTRUMENT CO., INC. 3479 W. Vickery Blvd., Fort Worth, Tex. (Tel. EDison 6-7243) Purch. Agent: Dwight Adams

Asst. Purch. Agent: John Siggins Sales Mgr.: Leon H. Becker PS, CO

BJ ELECTRONICS, BORG-WARNER CORP. 3300 Newport Blvd., Santa Ana, Calif. (Tel. KImberly 5-5581)

Purch. Agent: H. E. Schuyler Sales Mgr.: C. B. Smith

PS, GS, GE, CO, TS, TR

BLC POROUS MATERIALS CO.

809 San Antonio Rd., Palo Alto, Calif. (Tel. YO 8-1755) Purch.: Nick Sheppel

BABCOCK & WILCOX CO., TUBULAR PRODUCTS DIV.
Beaver Falls, Pa. (Tel. Beaver Falls 2100)

V. P.: J. S. Anderson MF, PS

SEMON BACHE & CO. 636 Greenwich St., New York 14, N. Y. (Tel. WA 4-2121) Purch.: Henry Del Tosto Sales: B. Newton MF, PS, GE BACON INDUSTRIES, INC. 192 Pleasant St., Watertown 72, Mass. (Tel. WAtertown 4-5000)

Purch. Agent: Kenneth H. Barton Sales Mgr.: Eldon H. Fay MF, WN, PS

N. S. BAER CO. I-II Montgomery St., Hillside, N. J. (Tet. MUrdock 8-2250)

Office Mgr.: P. J. Stec Sales Mgr.: S. W. Nette MF, WN, PS

BAIRD-ATOMIC, INC. 33 University Rd., Cambridge 38, Mass. (Tel. UNiversity 4-7420) V. P .- Purch .: Russell P. Mahan

V. P.-Mktg.: F. L. Foster, Jr.

PS, GS, GE, CO, TS, TR

BAKER STEEL & TUBE CO. 1540 Calzona St., Los Angeles 23, Calif. (Tel. ANgelus 3-7231)

Asst. Gen. Mgr.: C. L. Baker Sales Mgr.: H. E. Byerrum

BALCO RESEARCH LABS., INC., CAPAC-ITOR DIV.

49-53 Edison Place, Newark, N. J. (Tel. Mitchell 3-5200) Purch.: Bob Nobel GE, TR

BALDWIN-LIMA-HAMILTON CORP., ELEC-TRONICS & INSTRUMENTATION DIVS. 42 4th Ave., Waltham 54, Mass. (Tel. TW 4-6700)

Purch. Agent: R. A. Welch Asst. Purch. Agent: R. Lepore Buyers: C. W. Jiggetts, G. A. Chadwell & R. Lauranzano

Gen. Sales Mgr.: William Kerr PS, GS, GH, CO, TS, TR

BALLANTINE LABS., INC.
Boonton, N. J. (Tel. DEarfield 4-1432)
V. P.-Purch.: Frank R. Zayac

GŚ, GE, CO, TS, TR

BALLASTRAN CORP. 1701 N. Calhoun St., Fort Wayne 7, Ind. (Tel. EAstbrook 2285) Purch.: H. L. Matthias

Chief Engr. & Gen. Mgr.: Wm. Weir

BALLYMORE CO. Lincoln & Garfield Aves., West Chester, Pa. (Tel. OWen 6-3250) Gen. Mgr.: William B. Hart Sales Mgr.: Harry G. Westerfield

GS, GE, TS, TR BALTEAU ELECTRIC CORP.

5 New St., Stamford, Conn. (Tel. DA 4-6118) Div. Mgr., X-Ray Sales: Fred C. Sarchet

ALFRED W. BARBER LABS. 32-44 Francis Lewis Blvd., Flushing 58, N. Y. (Tel. IN 3-3306)

BARBER-COLMAN CO. P. O. Drawer 99, Rockford, Ill. (Tel. 8-6833) Purch. Agent: D. R. Farquhar

Sales Mgr.: R. A. Baird PS, GS, GE, TS, TR

BARDEN CORP., THE 33 E. Franklin St., Danbury, Conn. (Tel. Ploneer 3-3885) Purch. Agent: W. R. Ferguson Buyer: K. A. Taylor

V. P.-Sales: Alphe G. Jarreau PS, GS, GE

BARIUM & CHEMICALS, INC. Lake Co. Nat. Bank Bldg., Willoughby, O. (Tel. WI 2-5151) V. P.-Chg. of Purch .: Douglas Naylor V. P.-Sales & Adv.: George H. Merz MF, WN, PS, GS

BARKER SALES CO. 996-8 Edgewater Ave., Ridgefield, N. J.

(Tel. WHitney 3-2477) Purch.: J. Donovan Sales: T. R. Cox

MF, PS, GS, GH, GE, TR

BARKSDALE VALVES 5125 Alcoa Ave., Los Angeles 58, Calif. (Tel. LUdlow 7-6181)

Purch. Agent: H. Lembke V. P.-Sales: M. C. Nelson PS, GS, GE

BARNES DEVELOPMENT CO. 213 W. Baltimore Ave., Lansdowne, Pa. (Tel. MAdison 6-3294)

Head-Purch.: Arnold W. Miller Purch.: George W. Barnes & John N. Natter

Sales Mgr.: James W. Barnes

BARNES ENGRG. CO. 30 Commerce Rd., Stamford, Conn. (Tel. Fireside 8-5381)

Purch. Agent: James D. Bennett

BARNSTEAD STILL & DEMINERALIZER CO. 2 Langsville Terr., Boston 31, Mass. (Tel. JA 4-3100)

Purch. Agent: J. C. Mullan Sales Mgr.: D. G. Miller

PS, GS

BAR-RAY PRODUCTS, INC. 209 25th St., Brooklyn 32. N. Y. (Tel. SOuth 8-1020)

MF, WN, PS, GS, TS

W. L. BARRETT CO., THE School St., Bristol, Conn. (Tel. LUdlow 2-7487)

Purch. Agent: M. Graham Sales Mgr.: A. J. Levins

MF, PS, GE, TS, TR

BARRY CONTROLS INC. 938 Pleasant St., Watertown 72, Mass. (Tel. WAtertown 3-1150)

Purch. Agent: Tom Cazmay Buyers: Walter Wright & James Wise V. P.-Mktg.: Edward A. Johnson MF, PS, GE

BART MFG. CORP. 227 Main St., Belleville, N. J. (Tel. PLymouth 9-02001

Purch. Agent: Edward Mangas Buyer: Dorothy Durrigan V. P.-Sales: L. P. Vollmuth

MF, WN, PS, GS, TR

BARTON INSTRUMENT CORP.
580 Monterey Pass Rd., Monterey Park,
Calif. (Tel. CUmberland 3-6501)
Purch. Agent: Sylvia Clingerman
V. P. Salar, A. 1. Thurstoners

V. P.-Sales: A. I. Thompson

GEORGE BASCH CO., THE 19 Hanse Ave., Freeport, N. Y. (Tel. FReeport 8-8100) Jerome D. Basch GS, GH

BASIC TOOL INDUSTRIES, INC. 2416 Avalon Blvd., Gardena, Calif. (Tel. DAvis 3-3213)

DAvis 3-3213) V. P.-Purch.: Robert F. Rigali Exec. V. P.-Sales: Robert G. Lucas MF, WN, PS, GS, GH

BASLER ELECTRIC CO. R. F. D. I, Route 143, Highland, Ill. (Tel. 21231

Purch. Agent: Dale W. Rutz Asst. Purch. Agent: Margaret Springs Sales Mgr.: John D. Galligan

PS, GS, GH, GE, TS, TR

BASO INC. 730 N. Jackson St., Milwaukee 1, Wisc. (Tel. BRoadway 3-5388) Purch. Agent: G. C., Winters Asst. Purch. Agent: F. J. Jens Mgr.-Relay Sales: D. Weidenfeller GE

CHRISTIE BATLAS, INDUSTRIAL SCALE

MODELS 17 Irving Pl., Summit, N. J. (Tel. CR 3-8364)

\*BAUSCH & LOMB OPTICAL CO. 884 St. Paul St., Rochester, N. Y. (Tel. LOcust 2-3000)

Purch. Agent: C. Buss V. P.-Sales: A. K. Marsters Sales Mgr.-Contract & Defense Prods.: K. E. Reynolds

MF, WN, PS, GS, GH, GE, CO, TS, TR **★**(See advertisement in this issue)

MORRIS BEAN & CO. Hyde Rd., Yellow Springs, O. (Tel. RO

Purch, Agent: T. E. Charlton Asst. Purch. Agent: R. E. Pollock V. P.-Sales: R. H. Hollister MF, WN, PS, GS, GH

BEARIUM METALS CORP.

Mill & Commercial Sts., Rochester, N. Y. (Tel. LOcust 2-7700) Purch. Agent: A. E. Zielke

Sales Mgr.: B. M. Garek

BEATON & CORBIN MFG. CO., THE 328 N. Main St., Southington, Conn. (Tel.

MArket 8-3636)
V. P.: C. W. Rush, Jr.
MF, PS, GS, GH, GE, TS, TR

BEATTIE-COLEMAN, INC. 1000 N. Olive St., Anaheim, Calif. (Tel. PRospect 4-4503) Buyer: John Brewer Purch. Clk.: T. Frish Sales Mgr.: J. A. Wilcox

GS, CO, TS, TR

MF, PS, GE

BECKMAN & WHITLEY, INC. 973 San Carlos Ave., San Carlos, Calif. (Tel. LYtell 3-7824) Purch. Suprvsr.: Robert Rader

Purch .: Jerry Crumb Instrument Div. Sales Mgr.: Myron B. Baldwin

Missile Prods. Div. Sales Mgr.: E. W. Place CO, TS, TR

BECKMAN & WHITLEY, INC., MISSILE PRODUCTS DIV. 985 E. San Carlos Ave., San Carlos, Calif.

(Tel. LYtell 3-7824) Purch. Agent: J. W. Booth Buyer-Clk.: Judy Corentt Subcontracting: R. Fasoletos

Sales: C. R. Newman

MF, WN, PS, GS, GH, GE

BEECH AIRCRAFT CORP.
9709 E. Central, Wichita I, Kans. (Tel.

MUrray 3-4681) Mgr.-Materials: L. E. Bowery

Asst. Mgr.-Proc.: W. R. Sullivan Gen. Suprvsr.-Proc.: L. E. Huffman Suprvsr.-Proc.: H. W. Deets & V. M. Melick Suprist-Proc.: H. W. Deets & V. M. Melick
V. P.-Military Sales: Lynn Richardson, Washington, D. C. (Tel. District 7-3269)
V. P.-Commercial Sales: Leddy Greever, Washington, D. C.
V. P.-Export Sales: Michael G. Neuburger, Washington, D. C.

BEEDE ELECTRICAL INSTRUMENT CO. INC. S. Main St., Penacook, N. H. (Tel. Pena-cook Plaza 3-6362) Purch. Agent: William F. Wall

**★BEHLMAN ENGRG. CO.** 2911 Winona Ave., Burbank, Calif. (Tel. Victoria 9-4475)

Purch. Agent: A. H. Rylands Sales Mgr.: J. M. Schroeder

GS, GE, TR

BEHR-MANNING CO., DIV.-NORTON CO. 2758 Howe St., Troy, N. Y. (Tel. ARsenal 3-0100)

Dir.-Purch.: Byron Keene V. P.-Sales: H. R. Merrill

MF, PS, TR

BEKINS INDUSTRIAL PACKAGING 12512 Inglewood Ave., Hawthorne, Calif. (Tel. OR 8-7213) Gen. Mgr.: R. A. Patton
Operations Mgr.: Norman L. Johnson
Dir.-Sales & Engrg.: Noble W. Jones

BELDEN MFG. CO. 415 S. Kilpatrick, Chicago 44, Ill. (Tel. ESterbrook 8-1000) Dir.-Purch.: William A. Sandy Gen. Sales Mgr.: Les A. Thayer MF, PS, GS, GH, GE, CO, TS, TR

\*BELL AIRCRAFT CORP. SPECIAL WEAPONS DIV.

P. O. Box I, Buffalo 5, N. Y. (Tel. Niagara Falls 7851)

Dir.-Procurement: Maurice J. Coughlin Mgr.-Materiel, Special Weapons Div.: Robert A. Folker Mgr.-Materiel Rockets Div.:

J. Bruce MacKinnon

Mgr.-Materiel, Avionics Div.: Bernard E. Wysocki
Sales: William M. Shultz
\*(See advertisement in this issue)

BELL & GOSSETT CO. 8200 N. Austin, Morton Grove, Ill. (Tel. OR 3-37001

Purch. Agent: N. Van Parys V. P.-Sales: W. A. Boone

GS, GH, GE, TR

BELL & HOWELL CO. 7100 McCormick Rd., Chicago 45, III. (Tel. AMbassador 2-1600)

Purch. Mgr.: S. W. Kanbe Buyer: Ralph Wittenmeier

BELL TELEPHONE LABORATORIES, INC. 463 West St., New York 14, N. Y. (Tel. CHelsea 3-1000) V. P. & Gen. Mgr.: R. L. Helmreich

BELMONT SMELTING & REFINING WORKS.

INC. 330 Belmont Ave., Brooklyn 7, N. Y. (Tel. Dickens 2-4900)

V. P.-Purch.: Robert V. Henning
MF, WN, PS, GE, CO, TS, TR

\*BENDIX AVIATION CORP.

Executive Office: Fisher Bldg., Detroit 2, Mich. (Tel. TRinity 5-5000) Pres.: M. P. Ferguson ★(See advertisement in this issue)

BENDIX AVIATION CORP., SKINNER-POROLOY DIV.

P. O. Box 135, Royal Oak, Mich. (Tel. JOrdan 6-2380) Purch. Agent: David S. Kinsman

Purch. Agent: Derrol Buyer: Ivan Papin Purch. Agent: D. S. Draves, 14943 Califa St., Van Nuys, Calif. (Tel. STate 6-2670) PS, GS, GH

BENDIX AVIATION CORP., YORK DIV. York, Pa. (Tel. 47-2611) Purch. Agent: Mrs. F. B. Davis Chief Buyer: P. B. Gross Sales Mgr.: T. R. Bartlett MF, WN, PS, GS, GH, GE, CO, TS, TR

> CODING Missile Frame MF Warhead & Nose Cone WN Propulsion System PS Ground Support GS Ground Handling GH Guidance Equipment GE co Check-out Equipment

Test Equipment TS Tracking & Telemetering TR Research & Development RE

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BENDIX COMPUTER, DIV.-BENDIX AVIA-TION CORP. 5630 Arbor Vitae St. Los Angeles 45, Calif. (Tel. ORchard 4-3641) Purch. Agent: R. J. Thelen Sr. Buyer: M. McCafferty Buyers: G. Luttrell & R. Donovan Dir.-Mktg.: O. P. Staderman GE, TR BENDIX FOUNDRIES, BENDIX AVIATION

CORP. Teterboro N. J. (Tel. ATlas 8-2000) Foundry Mgr.: R. D. Ferguson Foundry Purch. Agent: G. F. Cartier Sales Mgr.: L. Eigenrauch MF, PS

BENDIX PRODUCTS DIV., BENDIX AVIA-TION CORP. 401 Bendix Dr., South Bend, Ind. (Tel. CEntral 3-4141)

Dir .- Purch .: C. E. Budd Sales: C. F. Bunker

MF, WN, PS, GS, GH, GE, TS

BENDIX PRODUCTS DIV.-MISSILES, BENDIX AVIATION CORP. 400 S. Beiger St., Mishawaka, Ind. (Tel. BL 5-2111) Dir.-Procurement: Daniel J. Youngerman Suprvsr. Subcontract Section: Roger D. Weller Asst. Purch. Agent: Fred R. Glassman

Contracts Mgr.: M. R. Balis BENDIX RADIO DIV. BENDIX AVIATION CORP. E. Joppa Rd., Baltimore 4, Md. (Tel. VAlley 3-2200) Govt. Prods. Materials Mgr.: J. L. Winchester

Govt. Prods. Sales Mgr.: E. A. King GH, GE, TS, TR BENDIX RED BANK DIV., BENDIV AVIA-TION CORP.

Rt. 35, Eatontown, N. J. (Tel. EAtontown Chief Purch. Agent: L. Fyfe Gen. Mgr.-Sales & Serv.: N. P. Barny PS, GS, GH, GE, TS, TR

BENSON-LEHNER CORP.

11930 W. Olympic Blvd., Los Angeles 64, Calif. (Tel. BRadshaw 2-3484) Head-Purch.: Everett Case Buyers: John Dudas & Richard Hill

V. P.-Appl. Engrg.: Donald B. Prell

MF, PS, GS, GH, GE, CO, TS, TR

BERGEN CARBIDE CO. P. O. Box 531, Fair Lawn, N. J. (Tel. FAir Lawn 6-6958) Gen. Mgr.: Charles Openden

MF, WN, PS, GS, GE, TS

BERGEN LABS. 247 Crooks Ave., Clifton, N. J. (Tel. GRegory 3-1883)

Purch. Agent: M. Hoberman MF, GS, GE, CO, TS, TR

BERGEN WIRE ROPE CO. 11 Gregg St., Lodi, N. J. (Tel. HUbbard 7-3521) Purch. Agent: E. Douglas

Dir.-Sales: Robert Ernst

MF, GS, GH, TS

BERKSHIRE ELECTRIC CABLE CO. River Rd. Leeds, Mass, (Tel. Northampton-JUstice 4-3853) Treas.: Garson R. Feinstein

MF, PS, GS, GH, CO, TS, TR

BERYLLIUM CORP., THE P. O. Box 1462 Reading, Pa. (Tel. WAlker Adv. & Sales Prom. Mgr.: Walter S. Pollard MF, PS, GE CHARLES BESELER CO. 219 S. 18th St., East Orange, N. J. (Tel. OR 6-6500) BEST AIRCRAFT CORP.

7 Palisade Ave., Garfield N. J. (Tel. PRescott 8-4463) Purch. Agent: William Decker Sales-Purch. Coordinator: N. V. Wetzel Sales Mgr.: Fred Gebhardt

BETA ELECTRIC CORP. Richards Ave., South Norwalk, Conn. (Tel. TEmple 8-6571) Purch. Agent: Paul Stitzer, 333 E. 103rd St., New York, N. Y. (Tel. ENright 9-7550)

MF, WN, PS, GS, GH, TR

Buyer: Robert Kasnow, New York, N. Y. GS Sales Mgr.: Henry Lowell

JAMES G. BIDDLE CO. 1316 Arch St., Philadelphia 7, Pa. (Tel. LO 4-1620) Purch. Agent: Lester Markham Chief Engr.: E. B. Curdts Sales Mgr.: P. E. Sellers GE, CO, TS, TR

CARL BIGGS CO. 2255 Barry Ave. Los Angeles 64, Calif. MF, WN, PS

BIL-JAX, INC. Archbold, O. (Tel. 2045) Sales: R. W. Weires \*BILLINGS & SPENCER CO., THE I Laurel St., Hartford, Conn. (Tel. JAckson 7-5181

Purch. Agent: Wm. V. Pilon Sales Mgr., Spec. Forgings Div.: E. A. Crocker MF, WN, PS, GS **★**(See advertisement in this issue)

BINKLEY MFG. CO. Warrenton, Mo. (Tel. 48) Purch. Agent: M. D. Coleman Sales Mgr.-Trailer & Truck Body Div.: R. B. Meihaus Gen. Sales Mgr.: Frank A. Bornmann

BIOS LABS., INC. 17 W. 60th St., New York 23, N. Y. (Tel. PLaza 7-8171)

Asst. Dir.-Purch.: H. Brodie Dir.-Sales: Fred Linsker

MF, WN, PS, GS, TS, TR

RICHARD H. BIRD & CO., INC. 1 Spruce St., Waltham 54, Mass. (Tel. TWinbrook 4-0160)
Supt.: C. F. Whittemore GE. TR

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BIRNBACH RADIO CO., INC. 145 Hudson St., New York 13, N. Y. (Tel. WAlker 5-6980)

Sales Mgr.: Aaron D. Danziger
MF, WN, PS, GS, GH, GE, CO, TS, TR

J. BISHOP & CO. PLATINUM WORKS E. King St., Malvern, Pa. (Tel. MAlvern 31001 Dir.-Purch.: Floyd Squires

Gen. Mgr.: J. J. Buckley Suprvsr.-Sales, Stainless Steel Prods. Div.: H. S. Roberts Sales Mgr., Platinum Mechanical Div.:

Lee Moules Sales Mgr., Platinum Chemical Div.: David E. Lundy MF, WN, P MF, WN, PS, TS

BIRTCHER CORP., THE 4371 Valley Blvd., Los Angeles 32, Calif. (Tel. CApitol 2-9101)

Sales Mgr.: Charles F. Booher BISHOP MFG. CORP. 10 Canfield Rd., Cedar Grove, N. J. (Tel.

CEnter 9-2400) Purch. Agent: Mrs. Alice F. Cook Asst. Sales Mgr.: F. X. McCormack

Purch. Agent: Jesse Matranga

BIWAX CORP. 3445 Howard St., Skokie, III. (Tel. OR 3-1050) Sales: Dr. Paul Scrutchfield MF, WN, PS, GE, TS, TR

BJORKSTEN RESEARCH LABS., INC. P. O. Box 265, Madison I, Wis. (Tel. ALpine 6-5581) Purch. Agent: D. B. Bennett V. P.: J. E. Henning RF

BLACK & DECKER MFG. CO., THE Pa. Ave., Towson 4, Md. (Tel. VA 3-4400)

Purch. Mgr.: Glenn C. Wilhide, Jr. V. P.-Chg. Sales: J. F. Spaulding

BLACK, SIVALLS & BRYSON, INC. 7500 E. 12th St., Kansas City 26, Mo. (Tel. BEnton 1-7200) Adv. Dept.: A. H. Edwards PS

BLACKMER PUMP CO. 1809 Century Ave., S. W., Grand Rapids 9, Mich. (Tel. CHerry 1-1611) Purch. Agent: Darcey Mahan

PS, GS, GH BLACKSTONE CORP.

IIII Allen St., Jamestown, N. Y. (Tel. 5-1121)

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Dir.-Sales: E. H. Lanthorn

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83 Woodbine St., Hartford 6. Conn. (Tel. CHapel 9-86511 Purch. Agent: Jerry Glassman Sales Mgr.: Joel Livingston

MF, WN, PS, GS BLILEY ELECTRIC CO.
Union Station Bldg., Erie, Pa. (Tel. 22287)

GS, GE, TS, TR

E. W. BLISS CO. 1375 Raff Rd., S. W., Canton, O. (Tel. G Reenwood 7-3421) Purch. Mgr.: R. G. Lappin Sales Mgr.: R. Y. Moss

BLISS ELECTRONIC CORP. Box 366, Sussex, N. J. (Tel, SUssex 2-3000) Dir.-Purch.: Gilbert Coates GS, GH, GE, TS, TR

BLONDER-TONGUE LABS., INC. 9 Alling St., Newark 2, N. J. (Tel. MArket 2-8151)

Purch. Agent: David Rubin Asst. Purch. Agent: John Fahey Sales Mgr.: Joseph H. Kerner

MF, GS, GE, TS, TR BLOOMINGDALE RUBBER CO.

Roosevelt & Grant Aves., Aberdeen, Md. (Tel. 2050)

Treas.: Philip Golbin

BLOSSOM MFG. CO. INC. 292 5th Ave., New York City, N. Y. (Tel. LA 4-8044) Dave Schoenfeld

MF. PS BLOWERS INC. 12655 S. Western Ave., Blue Island, III. (Tel. FUlton 8-3060)

Purch. Agent: S. A. Witte MF, WN, GS, GH, CO

Chrm.-Bd. & Chief Exec. Officer: Roy C. Ingersoll Exec. V. P.-Puren: E. T. Anderson Asst. Purch. Mgr.: H. G. Anderson Sales Mgr.: W. M. Yogerst PS, GE, TS, TR Sales: Kenneth P. Hayes PS, GS, CO, TS BOSTON AUTO GAGE CO., THE 70 West St., Pittsfield, Mass. (Tel. 5691) Purch.: C. Jacobs BRANSON ULTRASONIC CORP. BOEING AIRPLANE CO., PILOTLESS AIR-37 Brown House Rd., Stamford. Conn. (Tel. Sales: T. C. Nelson CRAFT DIV. PS. GH. TS DAvis 4-6721) Seattle, Wash. (Tel. AXminster 2121) Mgr.-Materiel: N. W. Grigg Purch. Officer: Celso Biagini BOSTON INSULATED WIRE & CABLE CO. Sales: Kenneth P. Hayes 64 8ay St., 8oston, Mass. (Tel. COlumbia BOGART MFG. CORP. H. BRAUN TOOL & INSTRUMENT CO. Purch. Agent: Alden Davis 315 Seigel St., Brooklyn 6, N. Y. (Tel. INC. Sales Mgr.: Robert Cowen HY 7-49721 140 5th Ave., Hawthorne, N. J. (Tel. HA MF, PS, GH, CO, TS, TR Suprvsr.: H. Schoenfeld 7-17731 Purch. Agents: W. Edgar & A. Levinson BOUND BROOK OIL-LESS BEARING CO. Bound Brook, N. J. (Tel. ELliot 6-0441) Purch. Agent: Charles Durlach Purch. Agent: Miss E. Clarke Expeditor: R. Goldberg Sales: E. Olmstead Mgr.-Engrg. Sales: Lee N. Blatt MF, WN, PS, GS, GH, GE, TS, TR GE, TS, TR Sales Mgr.: S. S. Connor RICHARD D. BREW & CO., INC. 90 Airport Rd., Concord. N. H. (Tel. MF, WN, PS, GH, GE BOGUE ELECTRIC MFG. CO. 52 Iowa Ave., Paterson, N. J. (Tel. LAmbert 5-2200) CApitol 5-6606)
Purch. Agent: M. H. Tolman BOW SOLDER PRODUCTS CO., INC. 251 Freeman St., Brooklyn 22, N. Y. (Tel. Purch. Agent: Miss A. Schinman Buyers: Edward King & J. Witcomb Sales Mgr.: Joseph Rambusek EVergreen 9-4863) Sales Mgr.: Roy E. Lonnberg Purch. Agent: S. Turkus, Jr. Sales Mgr.: N. Zimmer GE, CO, TS, TR BRIDGEPORT BRASS CO. MF, PS, GE, TR BOMAC LABORATORIES, INC. 30 Grand St., 8ridgeport 2 Conn. (Tel-Salem Rd., Beverly, Mass. (Tel. WAlker BOWER ROLLER BEARING DIV. EDison 4-1182) 2-60001 P. P. in Chg. of Proc.: Michael Schwarz
Head-Purch. Dept.: Anthony J. Malisek
V. P. in Chg. of Sales: Richard L. Allen
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Buyer-Prod. Machine Parts:
George W. Pickering Mgr.-Sales: S. E. Davidson BOWERS BATTERY & SPARK PLUG CO. BRIDGWATER MACHINE CO. Box 1262, Reading, Pa. (Tel. WAlker Buyer-Engrg. Machine Parts: John P. White 2664 Gilchrist Rd., Akron 5, O. (Tel. RE-9-07711 Sales Mgr.: E. D. Benson GE. TS. TR public 3-2201) Purch. Agent: Harold Deprill BOMYTE CO., THE Purch. Agent: M. B. Cowling Sales Mgr.: John W. Wolcott Sales: Paul E. Goodrich Green St., Silverdale, Pa. (Tel. Alpine BOWMAR INSTRUMENT CORP. 8000 Bluffton Rd., Box 2835, Ft. Wayne, MF, WN, PS, GS, GH, GE 7-65111 Purch.: Louis Lignelli BRIGGS ASSOCIATES, INC. Sales: Richard P. Kahn Ind. (Tel. HArrison 2351) Ind., (181. HArrison 2351)
V. P.-Purch.: R. C. Ahlersmeyer
Gen. Sales Mgr.: George F. McCarthy,
Great Neck, N. Y. (Tel. HUnter 2-1750)
PS, GS, GH, GE, CO, TS, TR 10 De Kalb St., Norristown Pa. (Tel. BRoadway 9-0400) MF, WN, GS, GE, TR BONNY MFG. CORP. Admin. Coordinator: Joseph F. 8aldino 339 Auburn St., Auburndale 66 Mass. [Tel. BRIGGS FILTRATION CO., THE River Rd., Washington 16, D. C. (Tel. DEcatur 2-5796) Treas.: R. N. Bonnett BRACKE-SEIB X-RAY CO., INC. 16 Pelham Bay Park West, Pelham Manor, N. Y. (Tel. PElham 8-4346) OLiver 4-7722) BOONTON ELECTRONICS CORP. Purch. Agent: D. H. Hardester 738 Speedwell Ave., Morris Plains, N. J. Chief Engr.: William R. Muller V. P.-Gen. Mgr.: J. H. Nash (Tel. JEfferson 9-4210) Sales: John MacGuffin PS, GS V. P.-Purch.: J. Frucht V. P.-Sales: J. H. Mennie BRADFORD COMPONENTS, INC. 65 South Ave., Box 107, Salamanca, N. Y. (Tel. 2340) BRIGHT STAR INDUSTRIES Crooks & Getty Aves., Clifton N. J. (Tel. GRegory 1-3200) GE, CO, TS, TR Purch. Agent: N. Krieger GE, TS, TR BOONTON RADIO CORP. Purch. Agent: A. Levy Intervale Rd., Boonton, N. J. (Tel. DEer-BRADLEY LABS. Sales Mgr.: Leon Kalkut TS 168 Columbus Ave., New Haven, Conn. Gen. Sales Mgr.: William J. Gagnon field 4-3200) Purch. Agent: E. W. Beatty BRIGHTON TOOL & DIE CO. Brighton, Mich. (Tel. AC 7-4891) Purch. Agent: R. Arnett Gen. Mgr.: L. J. Kujawa Sales Mgr.: H. J. Lang GS, GE, CO, TS, TR W. H. BRADY CO. BOOTH FELT CO. INC. 100 Water St., Brooklyn I N. Y. (Tel. MAin 5-3232) 727 W. Glendale Ave., Milwaukee 9, Wisc. (Tel. ED 2-8100) MF, WN, PS, GE Purch. Agent: Eldon Meier BRILES MFG. 1415 E. Grand Ave., El Segundo, Calif. (Tel. ORegon 8-6231) Sales: R. S. Stevens MF, PS V. P.-Sales: T. W. Wise MF, PS, GS, CO BOOTS AIRCRAFT NUT CORP. Dir.-Purch .: Howard Wright Dir.-Purch.: Moward thought Purch. Agent: Bion Seaman Gen. Sales Mgr.: Max De Zemplen MF, WN, PS, GH Newtown Turnpike, Norwalk, Conn. (Tel. C. S. BRAININ CO. 320 Washington (Tel. 8-5500) Victor 7-2446) Washington St., Mt. Vernon, N. Y. Purch. Agent: Arthur T. Carlson Production Mgr.: G. V. Plachy Engrg. Salesman: D. A. Calder Sales Mgr.: Frank Lown BORDEN CHEMICAL CO., THE, DIV.-THE BORDEN CO., RESINITE DEPT. BRAM METALLURGICAL & CHEMICAL CODING P. O. Box 1589, 436 E. Gutierrez St., Santa CO. Barbara, Calif. (Tel. WOodland 3134)

Purch. Agent: James Wycherly

Purch.: H. L. Bartlett, I Clark St., North 820 65th Ave., Philadelphia 26, Pa. (Tel. Missile Frame MF

WAverly 4-2121)

WILLIAM BRAND & CO., INC.

Purch, Agent: J. R. Garey

Buyers: C. J. Crawford & P. Daly V. P.-Sales: T. M. Sanden

Metallurgical-Chemical Mgr.: H. H. Bram Metallurgicus — .... Asst.: T. G. Bram MF, WN, PS, GS, GE, TS, TR

North St., Willimantic, Conn. (Tel. HArri-

MF, WN, PS, GS, GH, GE, CO, TS, TR

BORG-WARNER CORP.

WA 2-7700)

310 S. Michigan Ave., Chicago 4, Ill. (Tel.

BODINE ELECTRIC CO.

SE 3-6410)

2254 W. Ohio St., Chicago 12, III. (Tel.

Andover, Mass. (Tel. MUrdock 7-7131)
Asst. Gen. Mgr.: Howard G. Smith
MF, WN, PS, GE, TS, TR

120 S. Main, Janesville, Wisc. (Tel. PLeas-

GE, TS, TR

BORG EQUIPMENT DIV.-THE GEORGE W

BORG CORP.

Sales Mgr.: R. K. Johnson

ant 4-6616)

Exec. V. P.-Purch.: E. W. Larson

BRANSON INSTRUMENTS, INC.

Purch. Officer: Celso Biagini

DAvis 4-6721)

37 Brown House Rd., Stamford Conn. (Tel.

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BRILHART PLASTICS CORP. Old Country Rd., Mineola, L. I., N. Y. (Tel. Ploneer 6-0425) Purch. Agent: William Shea

Sales Mgr.: Thomas Ackerly BRITISH ELECTRONIC SALES CO. INC. Oakland Gardens, Flushing 64, New York, N. Y. (Tel. MU 2-5844) Pres.: H. R. Ellis GE, TS

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Box 149, Beacon, N. Y. (Tel. 9-4587)
V. P.: David S. Gibson

\*BROOK MOLDING CORP. 30 Industrial Way, Norwood, Mass. (Tel. 7-4715) Purch. Agent: F. K. Whiting Sales Mgr.: C. M. Cunningham

MF, PS

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BROOKLYN MFG. DIV., AMERICAN MA-CHINE & FOUNDRY CO. 170 53rd St., Brooklyn 32, N. Y. (Tel. HYacinth 2-3500)

Dir.-Contracts: Roger J. Kuhns Sales Mgr.: H. J. Scudder

BROOKS ROTAMETER CO. 07 W. Vine St., Hatfield, Pa. (Tel. ULysses 5-5174) Purch. Agent: Robert F. Gilman Asst. Purch. Agent: John Ernst Exec. V. P.-Sales: Seymour Blechman GS, GH, CO, TS

BROWNING LABS., INC. 750 Main St., Winchester, Mass. (Tel. 6-3700) Purch .: A. Costa

Purch.: A. Cossa Sales: G. G. Greene GE, GS, CO, TS, TR BRUBAKER ELECTRONICS, INC., SUB.-

TELECOMPUTING CORP. 3652 Eastham Dr., Culver City, Calif. (Tel. TExas 0-6441)

Dir.-Proc.: E. W. Rvan Cust. Relations Mgr.: Ken Kaub
GS, GE, CO, TS, TR

BRUNSWICK INSTRUMENTS Box 813, New Brunswick, N. J. (Tel. CHarter 7-5919)

Chief Engr.-Purch.: L. A. Rosenthal Sales Mgr.: E. J. Horodner GE, CO, TS

BRUSH BERYLLIUM CO., THE 4301 Perkins Ave., Cleveland, O. (Tel. ENdicott 1-5400) Purch. Agent: R. A. Cobb Asst. Purch. Agent: Robert Baker V. P.-Sales: N. W. Bass MF. PS

BRUSH INSTRUMENTS, DIV.-CLEVITE CORP.

3405 Perkins Ave., Cleveland, O. (Tel. 3405 Perkins Ave., Clevelatio, ENdicott I-3315) Purch. Agent: W. J. David Gen. Sales Mgr.: Norman R. Klivans MF, PS, GH, GE, CO, TS, TR

BRUSH NAIL EXPANSION BOLT CO

Greenwich, Conn. (Tel. TOwnsend 9-3190) A. H. Brush MF, PS MF, PS

BRUST TOOL MFG. CO.
River Rd. & King St., Franklin Park, III.
(Tel. GLadstone 5-5700) Exec. V. P.: J. K. Carroll

BRYANT GAGE & SPINDLE DIV. Box 620, Springfield, Vt. (Tel. TUrner

Prod. Control Supvsr.-Planning-Purch .: A. E. Belanger Div. Mgr.: J. E. Smith Chief Engr.: H. M. Taft Sales Mgr.: P. L. Smith GE, TR

BUCHANAN ELECTRICAL PRODUCTS CORP. 225 Rt. 22, Hillside, N. J. (Tel. WAverly 3-7474) Plt. Supt. & Purch. Agent: Albert Mittleman V. P.-Chg. Sales: Paul E. Vance

\*BUCKEYE IRON & BRASS WORKS 324 E. 3rd St., Dayton, O. (Tel. BAldwin Purch. Agent: E. K. Griest Asst. Purch. Agent: R. L. Reel Sales Mgr.: Ray O. Comp PS, GS, GH

★(See advertisement in this issue)

JFFALO MFG. DIV., AMERICAN MA-CHINE & FOUNDRY CO. Broadway & Kennedy Rd., Buffalo, N. Y. (Tel. TAylor 7800) Sales Mgr.: H. B. Parshall Dir.-Purch.: W. F. Bensman BUFFALO MFG. DIV.,

BUFFALO METAL CONTAINER CORP. 35 Roetzer St., Buffalo II, N. Y. (Tel. BA 3944) Dir.-Purch.: Robert J. Schieder Sales Mgr.: A. E. Bausenbach

BUHL OPTICAL CO. 1009 Beech Ave., Pittsburgh, Pa. (Tel. FAirfax 1-0076) Purch .: M. Seder

MF, PS, GS, GE, CO, TS, TR

BULLARD CO., THE 286 Canfield Ave., Bridgeport 9, Conn. (Tel. EDison 6-2511) (Tel. EDison 6-2511) Mgr.-Purch. & Traffic: T. H. Wilber Gen. Sales Mgr.: H. E. Neale WN, PS, GS

BULOVA WATCH CO., ELECTRONICS DIV. 40-06 62nd St., Woodside 77, N. Y. (Tel. NEwtown 9-5700) Sales Mgr.: A. B. III, Jr. GS, GE, TR

J. H. BUNNELL & CO. BI Prospect St., Brooklyn I, N. Y. (Tel. ULster B-0100) Purch. Agent: C. Siemion Contracts Admin.: C. N. Shlenker MF, WN, PS, GS, GE, TS, TR

BURG TOOL MFG. CO., INC. 15001 S. Figueroa St., Gardena, Calif. (Tel. FA 1-3510) Purch. Agent: M. Tavlin V. P.-Sales: J. Burg

BURGESS BATTERY CO. Foot of Exchange, Freeport, III. (Tel. ADams 2-2161) Purch. Agent: Raymond Beldt V. P.-Sales: C. E. Balz GS, GH, TS

BURNDY CORP., OMATON DIV. Norwalk, Conn. (Tel. TEmple B-4711) V. P.-Purch.: Sidney Wolberg Purch. Agent: L. Menzl Buyer: M. Robinson Sales Mgr.: S. D. Bergman
MF, PS, GS, GH, GE, CO, TS, TR

BURNELL & CO., INC. 10 Pelham Pkwy., Pelham Manor, N. Y. (Tel. PElham B-5000) Purch. Agent: V. Triwedi Asst. Purch. Agent: R. Levine Sales Mgr.: L. Schwartz

GS, GE, CO, TR

BURNLEY BATTERY & MFG. CO., THE 103 Clay St., North East, Pa. (Tel. 5-3595)

BURR-BROWN RESEARCH CORP. Box 6444, Tucson, Ariz. (Tel. AXtel B-0772 V. P.: Thomas R. Brown, Jr. T BURROUGHS CORP.

6071 2nd Ave., Detroit 32, Mich. (Tel. TRinity 5-2260) Dir.-Purch.: Russ T. Stark Defense Sales Mgr.: Jack C. Lindley
GS, GE, CO, TS, TR

BURROUGHS CORP., ELECTRONIC TUBE DIV. P. O. Box 1226, Plainfield, N. J. (Tel. PL

6-0876) Purch. Agent: Vincent Perrucci

Sales Dir.: Arthur B. Shesser GS, GE, CO, TS, TR

BURTON-ROGERS CO. 42 Carleton St., Cambridge 42, Mass. (Tel. ELiot 4-1643) Treas.: C. W. Burton

BUSSMANN MFG. DIV., McGRAW-EDISON CO

University at Jefferson, St. Louis 7, Mo. (Tel. GArfield 1-1740)

Dir.-Purch.: Lee J. Bussmann V. P.-Sales: J. C. Ingram

BUTLER MFG. CO. 7400 E. 13th St., Kansas City, Mo. (Tel. BEnton 1-7400)

Dir.-Purch.: L. P. Melcher V. P.-Mktg.: H. A. Edlund

MF, WN, PS, GS

WN, GE, CO

\*BYRON JACKSON PUMPS, INC., SUB.-BORG-WARNER CORP. 2301 E. Vernon Ave., Los Angeles, Calif. (Tel. LUdlow 7-6171)

Purch. Agent: Elmer C. Prairie Mgr.-Sales: N. D. Jesse GS. GH **★**(See advertisement in this issue)

CBS-HYTRON, DIV.-COLUMBIA BROAD-CASTING SYSTEM, INC. 100 Endicott St., Danvers, Mass. (Tel.

SPring 4-2360) Dir.-Purch: Edward R. Carroll Purch. Agent: John F. Ryan Asst. Purch. Agents: William E. Dennis &

A. S. Nelson, Jr. Buyers: R. A. Powers, R. J. McLernon, J. W. Connery, F. W. Courage, & W. W.

V. P.-Sales: John Q. Adams

CDC CONTROL SERVICES, INC.

400 S. Warminster Rd., Hatboro, Pa. (Tel. OSborne 5-4100) Head, Purch. Dept.: Alfred Krieg V. P.-Sales: J. Lawrence Tecosky

MF, WN, PS, GS, GH, GE, CO, TS, TR CELCO (CONSTANTINE ENGRG. LABOR-

ATORIES CO.) P. O. Box 555, Mahwah, N. J. (Tel. DAvis 7-11231

Purch. Agent: Angeline Constantine Gen. Mgr.: Pano Constantine MF. PS. GS. GE. TS. TR

**CESCO** 4025 Sebastopol Hwy., Santa Rosa, Calif. (Tel. Liberty 2-0160)

Pres. & Gen. Mgr.: D. E. Stem GS, GE

CGS LABS., INC. Rts., 7 & 35, Ridgefield, Conn. (Tel. ID B-2317) Head-Materials

ead-Materials Control: Mrs. Nellie Holowienko, 391 Ludlow St., Stamford, Conn. (Tel. DA 5-15B1) Head-Engrg. Purch .: John A. McGeorge,

Stamford

V. P.-Mktg.: Melvin L. Jackson GE, TS, TR

SAMUEL CABOT INC. 141 Milk St., Boston, Mass. (Tel. HAncock 6-1010)

Plant Supt.: Augustus H. Hermann Sales Mgr.: Samuel Cabot, Jr.

CADDELL-BURNS MFG. CO. INC. 40 E. 2nd St., Mineola, N. Y. (Tel. Ploneer 6-2310) Purch. Agent: B. A. Mueller Mgr.-Mktg. Div.: R. A. Mulholland P. O. Box 32, Akron, N. Y. (Tel. 9454) Purch, Agent: William F. Pritchard Purch.-Sales: Ralph Caddell & Sidney V.
Burns GS, GE, TS, TR Mgr., Sales Dev. Branch: H. A. Andersen PS, GS, GH CAL-OHM LABS., INC.
P. O. Box 2989, 3110 Goddard Way, San
Diego 12, Calif. (Tel. CYpress 5-0606)
Purch, Agent & Sales: W. F. Conrad CARDINAL INSTRUMENTATION CORP. 4201 Redwood Ave., Los Angeles 66, Calif. CADILLAC GAGE CO.
Box 3806, Detroit 5, Mich. (Tel. PRescott (Tel. EXmont 1-5201) Purch. Agent: Galen Skutt 7-71001 Purch.: Mary Ann Shoemaker Sales Mgr.: Sherman Lebo Purch. Agent: George Boothroyd Sales Mgr.: Robert Kolp MF, WN, PS, GS, GE, CO, TS Buyer: L. G. Guido MF, PS, GS, GE, TS, TR PS. GS. GE. CO. TS. TR CAMBRIDGE WIRE CLOTH CO., THE Cambridge, Md. (Tel. CAmbridge 1033) Purch. Agent: Fulton Moore MF, PS, GS, GH CARDOX CORP. CAIG LABS. 307 N. Michigan Ave., Chicago I, III. (Tel. 46 Stanwood Rd., New Hyde Park, L. I., RAndolph 6-5353) N. Y. (Tel. Ploneer 2-0278) Purch. Agent: M. Hemman Purch.: A. Pagelson Sales: O. Lohkemper CAMDALE CORP. Proj. Mgr.-High Press. Pneumatics: 28300 Groesbeck Hwy., Roseville, Mich. (Tel. PRescott I-0400) GS, GH R. J. Bailey
V. P.-Sales: F. C. Rodgers CAL-AIR CONDITIONING CO. Purch. Agent: H. L. Miller PS, GS, GH, TS 3930 N. Mission Rd., Los Angeles 31, Calif. V. P.-Sales: J. L. Hanifen (Tel. CApitol 5-5694)
Purch.: C. Marculescu CARLETON AVIATION CO., INC. CAMERAFLEX CORP. Seneca St., East Aurora, N. Y. (Tel. CY-1947 Broadway, New York 23, N. Y. (Tel. Sales Mgr.: L. W. Marbourg press 483B) GS. GH TRafalgar 3-4022) Purch.: George R. Ord CALCON MFG. CO., INC. 100 Oakland Ave., Washington, Pa. (Tel. BAldwin 2-B190) V. P. & Gen. Mgr.: George H. Kauffeld, Jr. PS, GS, GH, GE Chief Engr.: Joseph Henkel CARLING ELECTRIC, INC. 400 New Park Ave., West Hartford IO, Conn. (Tel. ADams 2-4461) Purch. Agent: William Fleming Prod. Mgr.: Frank LaSalla Wks. Mgr.-Purch.: A. W. Moore Gen. Sales Mgr.: James C. Morosco GS, GH, GE, TS, TR CAMLOC FASTENER CORP. TR 22 Spring Valley Rd., Paramus, N. J. (Tel. Dir.-Sales: Wesley T. Sorenson CALFIBE CO., INC.
Colton & Wabash Ave., Mentone, Calif.
Mailing Add.: P. O. Box 832, Redlands,
Calif. (Tel. PY 4-8425) HUbbard 9-4900) GE, TR Gen. Supt.: T. A. Barkauskas Gen. Supf.: I. A. Barkauskas
Purch. Agent: U. G. Grapengeter
Purch. Dept.: T. Skelly
Eastern Sales Mgr.: Wm. E. Bracey
Western Sales Mgr.: James G. English,
5410 Wilshire Blvd., Los Angeles, Calif. CARMODY CORP. 2360 Wehrle Dr., Buffalo 21, N. Y. (Tel. SPring 7700) V.P.-Purch.: William ....
Purch.: Paul Bowler
Sales: Don F. Maier, 6214 W. Manchester
Ave., Los Angeles 45, Calif. (Tel. OR
MF, WN, PS, GE V.P.-Purch.: William M. Jordan Purch. Agent: R. E. Pollock Dir.-Tng.: W. A. Lybrand (Tel. WEbster 1-1361) CARPENTER STEEL CO., THE Front & Bern Sts., Reading, Pa. (Tel. FR CANADIAN RADIUM & URANIUM CORP. 630 Fifth Ave., New York 20, N. Y. (Tel. CIrcle 6-0460) Purch.: Carl Krieger 4-B211) CALCOR CORP., AIRCRAFT DIV. Purch. Agent: R. P. Freehafer 1010 W. Philadelphia St., Whittier, Calif. (Tel. CApitol 1-1131) Asst. Purch. Agent: G. D. Nahm V. P.-Sales: H. S. Potter Sales Mgr.: Henry B. Kearney
MF, WN, PS, GE, CO, TS, TR Dir.-Purch.: Eddie Loos, Jr. MF, WN, PS Buyers: George F. Beaty & Richard Shifflet Sales Mgr.: J. Horacek, Jr. MF, WN, PS, GS, GH, GE, CO, TS, TR CARPENTER STEEL CO., THE ALLOY TUBE DIV. CANNON ELECTRIC CO. 3208 Humboldt St., Los Angeles 31, Calif. (Tel. CApitol 5-1251) Springfield Rd., Union, N. J. (Tel. MUrdock 6-7230) Purch. Agent: V. T. Nolan CALIFORNIA AIRCRAFT PRODUCTS 790 Greenfield Dr., El Cajon, Calif. (Tel. Mgr.: Roy Whitney Purch. Agent: Earl Bixler Asst. Purch. Agent: R. A. Southard Mgr.-Sales: W. R. Staples Hickory 2-3451) Sales Mgr.: Alden Olsen PS, GS, GH, GE, CO, TS, TR Purch. Agent: Gavin W. Coles Buyer: Ernest W. Brown MF, PS CARRIER CORP.
Carrier Pkwy., Syracuse, N. Y. Sales Mgr.: Joseph S. Alan CANOGA CORP. OF CALIFORNIA 5955 Sepulveda Blvd., P. O. Box 550, Van Nuys, Calif. (Tel. STate 6-9010) (Tel. HOward 3-B411) MF, PS CAMBRIDGE INSTRUMENT CO., INC. 3B11 Grand Central Terminal, New York 17, N. Y. (Tel. MUrray Hill 6-0335) Purch.: R. A. Packard GE, CO, TS, TR CARROLL PRESSED METAL, INC. 133 Dewey St., Worcester 10, Mass. (Tel. SWift 9-4116) Dir.-Purch.: Louis E. Moore Sr. Buyer: Warren W. Flee Buyer: William E. Weible V. P.-Sales: S. H. Mibbe V. P.-Treas.: Irving J. Donahue, Jr. MF, WN, PS, GE \*CAMERON IRON WORKS, INC. V. P. & Gen. Mgr.: Herbert Allen Mgr.-Special Prod. Dept.: J. W. Brougher WN, GS, GE, TS, TR CARTER CONTROLS, INC. CAPEWELL MFG. CO. 2B00 Bernice Rd., Lansing, Ill. (Tel. GR APEWELL MIG. CO.
60 Governor St., Hartford 2, Conn. (Tel.
JAckson 2-8191)
V. P.: Seery C. Gordon
MF, WN, PS, GS, GH, TS, TR 4-3305) MF, WN, PS Purch. Agent: J. C. Miller Head-Sales: H. H. Davis ★(See advertisement in this issue) PS, GS CALIDYNE CO., INC., THE J. C. CARTER CO., THE 671 W. 17th St., Costa Mesa, Calif. (Tel. Liberty 8-3421) 120 Cross St., Winchester, Mass. (Tel. CAPITOL MACHINE CO., THE WI 6-3BIO) Purch. Agent: G. Worthen Sales Mgr.: D. L. Wrisley 36 Balmforth Ave., Danbury, Conn. (Tel. Purch. Agent: William C. Melo V. P.-Mfg.: C. J. Allan V. P.-Engrg. & Sales: M. D. Kilmer Ploneer 3-2758) Purch. Agent & Sales Mgr.: Arthur E. Wilson CALIFORNIA COMPUTER PRODUCTS GE, TR 3927 W. Jefferson Blvd., Los Angeles 16. Calif. (Tel. RE 5-B355) Purch.: Robert C. Morton GS, TS CARAD CORP. CODING 2850 Bay Rd., Redwood City, Calif. (Tel. EM 8-2969) Missile Frame MF Chief Engr. for Materiel Evaluation: CALIFORNIA TECHNICAL INDUSTRIES, Warhead & Nose Cone WN DIV.-TEXTRON INC. 1421 Old County Rd., Belmont, Calif. L. L. Libby Propulsion System PS Resins Buyer: P. D. Detring Buyer: D. Y. Yetter Sales: G. E. Glatthar (Tel. LYtell 3-8466)

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Asst. Purch. Agent: F. Steigman
Sales Mgr.: E. G. Dixon
MF, WN, PS, GS, GH, GE, TS, TR

Purch. Agent: John Woodside

Purch. & Traffic Mgr.: L. O'Hearn

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ALBERT H. CAYNE EQUIPMENT CORP. 71 Spring St., New York 12 N. Y. (Tel. CAnal 6-3317)	Purch. Agent: C. B. Johnson Asst. Purch. Agents: M. O. Menzel & T. R. Seymour V. PMktg.: G. H. Woodland	CHEMICAL CONTOUR CORP.  12049 Regentview Downey Calif. (Te. TOpaz 1-0331)
DirSales: Albert H. Cayne GS		MgrCust. Relations: Thomas E. Davidson
203 N. Wabash Ave. Chicago I III. (Tel. ANdover 3-3340) Purch.: T. E. Caywood	ING DIV. Belmont Rd. at Curtiss St. Downers Grove. III. (Tel. WOodland 9-1770) Div. Purch. Mgr.: J. J. Friedrich	6920 S. Stanford Ave., Los Angeles I, Calif. (Tel. PLeasant 2-6161)
CORP.	*(See advertisement in this issue) CHALCO ENGRG. CORP.	Shadyside, Md. (Tel. UNiversity 7-2151)  Purch. Agent: W. Mangis
(Te. WEst 9-7858)  Purch, Agent: Louis G. Bernier  Chief Engr.: Tom Kamp  Sr. Staff Engr.: J. G. Schaberg  DirEngrg. Sales: C. W. North	FAculty I-0121) Purch, Agent: Irving Kierman SecyBuyer: Hilda Garcia DirSales: William Rose	CHESTER CABLE CORP. 2000 Hill St. Chester, N. Y. (Tel. HOmestead 9-2141) Gen. Purch. Agent: J. A. Henderson
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Sales Mgr.: Gene G. Perry GE, TS, TR	CHAMPION AIRQUIPMENT INC. Box 8786, Pittsburgh 21, Pa. (Tel. EXport	DirPurch.: C, S, Immig Buyer: W, J. Kelly Gen. Sales Mgr.: D, H. Ball
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CENTRAL TRANSFORMER CO. 900 W. Jackson Blvd., Chicago 7, III. (Tel.

TAylor 9-1936) Purch. Agent: Miss Katharine Bednar Sales Mgr.: Frank J. Gallagher PS, GS, GE, TS, TR

CENTRONIX INC. 34 Oleander St. Cocoa Fla. (Tel. 2040) Purch. Mgr.: Clint Williams, Jr. Sr. Buyer: G. H. Williams Sales Mgr.: H. Carlisle Dent GS, GH, CO, TS, TR

CENTURY ELECTRONICS & INSTRUMENTS, INC. 1333 N. Utica, Tulsa Okla. (Tel. LUther 4-7111)

Purch. Agent: C. R. Campbell V. P.-Sales: T. J. Ray, Jr. TS, TR

CENTURY FASTENERS CORP. 88 Sandford St., Brooklyn 5 N. Y. (Te. ULster 2-6440)

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Mgr.-Sales: Norman L. Dickey
MF, PS, GS, GH, TS CHANCE VOUGHT AIRCRAFT, INC. P. O. Box 5907, 9314 W. Jefferson 5t. Dallas, Texas (Tel. AN 2-3211) Gen. Purch. Agent: B. A. Carlson V. P.-Sales & Service: W. P. Thayer Purch. Agent, Equipment & Systems Section: J. R. Bruno Purch. Agent, Gen. Purch.: A. J. Patton Purch. Agent, Subcontracting:

400 Harrison St., Springfield O. (Tel.

CHAMPION CO., THE

FAirfax 3-7545)

Purch. Agent: W. E. Cooksey Mgr.: Joe C. Mills

W. H. Haugh CHANDLER-EVANS, DIV.-PRATT & WHIT-NEY CO., INC. Charter Oak Blvd., West Hartford I Conn.

(Tel. ADams 3-7561) Purch. Agent: G. K. Metcalfe Sales Mgr.: Louis G. Burns

PS, GS, GH

CHART-PAK, INC. River Rd., Leeds, Mass. (Tel. JUstice 4-5446) V. P .- Prod .: Howard N. Gold Asst. Purch.: Ernie LaBarge Sales Mgr.: John L. Milanese

MF, PS, GS, TR

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Purch. Agent: Gene Flood

Mgr.-Contracts & Sales: A. M. Bozich GS, GE, CO, TS, TR CHICAGO ELECTRONIC ENGRG. CO.,

INC. 3223 W. Armitage Ave., Chicago 47, Ill. (Tel. CApitol 7-3130)

Purch. Agent: H. Davidson PS, GS, GE, TS, TR

CHICAGO GASKET CO. 1271 W. North Ave., Chicago 39, III. (Tel. HUmbolt 6-3060) V. P.: R. H. Martin

CHICAGO MINIATURE LAMP WORKS 1500 N. Ogden Ave., Chicago 10, III. (Tel

MOhawk 4-1741) Purch .: T. Singer Purch.: 1. 311961 Sales: E. E. Freeman, Jr. GS, CO, TS, TR

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CHICAGO PNEUMATIC TOOL CO. 6 E. 44th St., New York 17, N. Y. (Tel.

MUrray Hill 7-1700; Purch, Mgr.: K. T. Dolson Electric Div. Mgr.: L. J. Walker WN, PS, GS, GH, GE, TS, TR MUrray Hill 7-1700) Calif. (Tel. WOodland 7-1113) Purch. Agent: A. L. Rafter Sales Mgr.: M. J. Ainsworth MF, WN, PS, GS, GH, GE, TS, TR C. P. CLARE & CO.
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Purch. Agent: B. E. Brooks
V. P. in Chg. of Sales: D. R. Dooley 950 S. 25th Ave., Bellwood, Ill. (Tel. Linden 4-5100) Dir.-Purch.: Walter Bautz Sales Mgr.: Wm. O. Shineflug GE CLARK CRYSTAL CO. CHICAGO SCREW CO., THE, DIV.-STANDARD SCREW CO. 2 Farm Rd., Marlboro, Mass. (Tel. 1411) Mgr.: F. L. Nobles GS. GE GS, GE 2501 Washington Blvd., Bellwood, Ill. (Tel. Dir.-Purch.: W. J. McCoy Asst. Purch. Agents: P. W. McKenna & CLARK ELECTRONIC LABORATORIES Box 165, Palm Springs, Calif. (Tel. FA 8-2210) W. A. Denk Purch. Agent: H. L. Spencer Dir.-Sales: D. B. Clark V. P.-Standard Prod. Sales: E. L. Claussen MF, WN, P5 PS, GE, CO, TR INC. CLARK EQUIPMENT CO. CHICAGO STANDARD TRANSFORMER CORP. 24th St., Battle Creek, Mich. (Tel. WO 2-6561) 3501 W. Addison St., Chicago, III. (Tel. INdependence 3-7400) Purch. Agent: J. G. Swanson MF, WN, PS, GS, GH Purch.: E. Donnellan V. P. & Plt. Mgr.: R. Gislason CLARK-AIKEN CO., THE GS. GE. TS. TR Water St., Lee, Mass. (Tel. 700)
Prod. Engr.: J. P. Stoeke
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Purch. Agent: L. Tarzinski
Sales: B. W. Deehan MF, WN, PS, GS CLEMCO AERO PRODUCTS, INC. 210 E. Manville St., Compton, Calif. (Tel. NEvada 6-8162) MF, WN, PS, GS, GH, TS, TR Purch. Agent: C. E. Bowie Contract Admin.: R. H. Farney MF, WN, PS, GS, GE, TS CHRISTIE ELECTRIC CORP. Atl 0 W. 67th St., Los Angeles 43, Calif. (Tel. PLeasant 3-2607) Purch. Agent: H. B. Doty Sales Mgr.: E. E. Hughes CLEVELAND CRANE & ENGRG. CO., THE Wickliffe, O. (Tel. WHitney 3-3700) Purch. Agent: G. W. Urban GS GS, GH, GE, TS CLEVELAND GRAPHITE BRONZE CO., DIV.-CHRISTIE MACHINE WORKS CLEVITE CORP. 17000 St. Clair Ave., (Tel. | Vanhoe 1-7221) 201 Harrison St., San Francisco 5, Calif. (Tel. EXbrook 2-2187) V. P.: Lloyd F. Christie (Tel. IVanhoe I-/ZZI)
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Purch. Agent: J. C. Hall
Asst. Purch. Agent: P. W. Love
Purch. Analyst: J. Hopkins
V. P.-Sales: L. W. Christenson
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P. O. Box 1687, Detroit 31, Mich.
Purch. Agent: S. J. Roach

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CLEVELAND PNEUMATIC TOOL CO., THE. DIV.-CLEVELAND PNEUMATIC IN-

DUSTRIES, INC. 3781 E. 77th St., Cleveland 5, Ohio (Tel. Dlamond I-1700)

Operations Supvr.: Melvin Kail V. P.-5ales: E. W. Krueger

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W. 117th St. & Berea Rd., Cleveland II, Ohio (Tel. WOodbine 1-2820) Gen. Sales Mgr.: F. L. Nemeth Purch. Agent: A. A. Mitsch

CLEVITE TRANSISTOR PRODUCTS, DIV.-CLEVITE CORP. 241-257 Crescent St., Waltham 54, Mass. (Tel TWinbrook 4-9330)

Dir.-Purch. & Prod. Control: W. T. Howland Purch. Agent: G. Hird Sr. Buyer: T. Kenney GE, TS, TR

CLIFTON PRECISION PRODUCTS CO.,

Marple at Broadway, Clifton Heights, Pa. (Tel. MAdison 6-2101) Purch. Agent: Tyson Parker V. P.-Sales: Thomas W. Shoop

GE, TS, TR

CLOVER INDUSTRIES, INC. 588 Young St., Tonawanda, N. Y. (Tel. LUdlow 1331)

COAST MFG. & SUPPLY CO. Box 71, Livermore, Calif. (Tel. Hilltop 7-1000)

Purch. Agent: A. J. Andersen MF, PS

COAXIAL CONNECTOR CO. INC. 37 N. 2nd Ave., Mt. Vernon, N. Y. (Tel. MOunt Vernon 8-6416) Purch. Agent: William R. Clayton MF, PS, GS, GH, GE, CO, TR

226 Passaic Ave., Caldwell, N. J. (Tel. 6-6675) Purch. Agent: William E. Bellars

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COHAN EPNER CO. INC. 142 W. 14th St., New York II, N. Y. (Tel. CHelsea 3-3411) Purch. Agent: William Epner V. P.-Sales: Gerald Epner

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Tracking & Telemetering Research & Development

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Mgr., Buying & Follow-up: J. P. Forbes Mgr., Purch. Analysis: C. R. McMacken

Subcontracts Negotiation: P. J. Paonessa

Marburg Ave.. Cincinnati 9, Ohio (Tel. REdwood 1-2121)

3932 Reading Rd., Cincinnati 29, O. (Tel. PLaza 1-8810)

GS, TS

CINCINNATI MILLING MACHINE CO.,

Purch. Agent: Herman Decatur

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CINCINNATI SUB ZERO PRODUCTS

Chief Engr.-Sales: T. J. Frederick

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COLES CRANES, INC. P. O. Box 942, Joliet, Ill. (Tel. 6-4261) Purch. Agent: L. J. Blessing GS	COMMUNICATIONS RESEARCH CO. P. O. Box 778, Main Station, Richmond 6, Va. (Tel Milton 4-3255) Pres.: Paul K. Heim	CONSOLIDATED AMERICAN SERVICES, INC. 9999 W. Jefferson Blvd., Culver City,
COLLINS ENGRG. CORP. 9050 Washington Blvd., Culver City, Calif. (Tel. TExas 0-4811)	DirResearch & Dev.: Dr. A. H. Child RE COMMUNITY ENGRG. CORP. Box 824, State College, Pa. (Tel. ADams	Calif. (Tel. TExas 0-4725) Purch. Agent: Alan Farnan Office Mgr.: R. A. Verna V. PPurch.: J. B. Lundquist
Chief Purch. Agent: Ada Kadinger Buyer: Eloise Smith Sales: John J. Collins	7-7221) Sales: Floyd B. Fischer	Sales Mgr.: J. F. Stokes PS, GS CONSOLIDATED AVIONICS CORP.
MF, PS, GS, GE G. L. COLLINS CORP. 2820 E. Hullett St., Long Beach 5, Calif. (Tel. MEtcalf 0-3121) V. PPurch.: Glenn D. Collins	COMPUTER CONTROL CO., INC. 92 Broad St., Wellesley 57, Mass. (Tel. CEdar 5-6220) Purch. Agent: Bradford P. Daniels DirSales: William Wolfson GE, TR	800 Shames Dr., Westbury, L. I., N. Y. (Tel. EDgewood 4-8400) Purch. Agent: Carl Cooper Sales Mgr.: Peter J. Reutes MF, PS, GS, GH, GE, CO, TS, TR
Admin. Engr.: Sam L. Collins GE, TS, TR COLLINS RADIO CO. 855 35th St., N. E., Cedar Rapids, Iowa	COMPUTER ENGRG. ASSOCIATES, INC. 350 N. Halstead, Pasadena, Calif. (Tel. SY 5-8823)	CONSOLIDATED CONTROLS CORP.  13 Durant Ave., Bethel, Conn. (Tel. Ploneer 3-6721)
(Tel. EMpire 3-0281) Purch. Dir.: John H. Wagner V. PSales: J. G. Flynn, Jr., Dallas, Tex. (Tel. Riverside 7-5151)	Purch. Agent: John Brunk Asst. Purch. Agent: Stan Studebaker Customer Service Mgr.:	Purch. Agent: C. F. Joyce MgrContract Admin.: C. M. Colt MF, WN, PS, GS, GE, CO, TS, TR
WN, GS, GE, TR	Richard T. Campbell  COMPUTER INSTRUMENTS CORP.	CONSOLIDATED DIESEL ELECTRIC CORP., TEST EQUIP. DIV. I John St., Stamford, Conn. (Tel. DAvis
COLUMBIA ELECTRIC MFG, CO. 4519 Hamilton Ave Cleveland 14, O. (Tel. ENdicott 1-8060) Purch. Agent: John Sygielski Sales Mgr.: H. W. Sussman GS, TS	92 Madison Ave., Hempstead, L. I., N. Y. (Tel. IVanhoe 3-8200) Purch. Agent: I. Clinton Sales Mgr.: J. Herman	5-2261) Purch. Agent: John Budnik Chief Appl. Engr.: K. C. Gerhardt Sr. Appl. Engrg.: Burt Rowe
COLUMBIA RESEARCH LABS.  MacDade Blvd. & Bullens Lane, Woodlyn,	GE, CO, TS, TR  COMPUTER-MEASUREMENTS CORP.	Appl. Engr.: Hank Maron Gen. MgrSales: L. B. Haberman GS, TS
Pa. (Tel. CHester 2-0381) Buyer: Victor F. Alibert Asst. Buyer: Thomas Carey, Jr. Sales Mgr.: Vernon F. Alibert	5528 Vineland Ave., North Hollywood, Calif. (Tel. STanley 7-0401) Purch, Agent: R. L. Rondou Buyer: Darlene P. Tieman	CONSOLIDATED ELECTRODYNAMICS CORP. 300 N. Sierra Madre Villa, Pasadena, Calif. (Tel. RYan 1-8421)
MF, PS, GS, GH, GE, CO, TS, TR COLUMBIA ROPE CO. 309 Genesee St., Auburn, N. Y. (Tel. 3-	V. P. in Chg. of Sales: J. K. Rondou GE, CO, TS, TR CONANT LABORATORIES	DirPurch.: Mario Gardner V. PMktg.: R. L. Smallman
3221) Purch. Agent: C. A. Fowler V. P. Sales: L. R. Hole MF, GS	6500 O St., Lincoln 5, Nebr. (Tel. 2-5774) Gen. Mgr.: Mrs. G. Conant GE CONAX CORP.	CONSOLIDATED INDUSTRIES, INC. Mixville Rd., West Cheshire, Conn. (Tel. Cheshire—BRowning 2-5371) Sales Dept.: Gordon S. Tracy MF
COLUMBIAN CARBON CO., MAPICO COLOR UNIT 380 Madison Ave., New York 17, N. Y. (Tel. MUrray Hill 7-2300)	2300 Walden Ave., Buffalo 25, N. Y. (Tel. REgent 0600) Purch. Agent: Edgar Kowalski	CONSOLIDATED RADIO PRODUCTS CO. 350 W. Erie St., Chicago 10, III. (Tel. DElaware 7-6900)
Sales Mgr.: E. B. Brooks MF, PS	Sales Mgr.: John M. Considine MF, WN, PS, GS, GE, CO	Purch. Agent: R. B. Smith V. PGen. MgrSales: H. J. Moskow
COLUMBUS BOLT & FORGING CO. 291 Marconi Blvd., Columbus, O. (Tel. CApitol 4-2271) DirSales: Jack Hindes MF, WN, PS	CONCO ENGRG. WORKS Mendato. III. (Tel. 2121) Purch. Agent: P. J. Donahue Asst. to Exec. V. PSales: J. W. Burch	CONSOLIDATED WIRE & ASSOCIATED COMPANIES 1635 S. Clinton St., Chicago 16, III.
COMAR ELECTRIC CO. 3349 Addison St., Chicago 18, III. (Tel. JUniper 8-2410) Purch. Agent: Richard Baer	MF, GS  CONNECTICUT HARD RUBBER CO., THE 407 East St., New Haven 9, Conn. (Tel.	(Tel. HA 1-4441) Sales Mgr.: J. J. Mann MF, PS, GS, GH, CO, TR L. L. CONSTANTIN & CO.
Asst. to Purch. Agent: A. Koch Sales Mgr.: L. E. Noelck GS, GE, TR	SPruce 7-3631) Purch. Agent: T. E. Grandshaw Sales Mgr.: J. A. Moffitt, Jr. MF, WN, PS, GS, GH, TR	Rt. 46, Lodi, N. J. (Tel GRegory 1-0100) Purch. Agent: E. Schmidt Controller: E. Metthews Chief Engr.: C. Yocum
COMMERCIAL FILTERS CORP. 2 Main St., Melrose, Mass. (Tel. MAlden 4-7000)	CONNECTOR CORP. 6025 N. Keystone Ave., Chicago 30, Ill.	DirSales: W. J. Casey  MF, PS, GS, GE, TR
Purch. Agent: Alan Riley	(Tel. KEystone 9-3108)	CONTINENTAL AVIATION & ENGRG.

CONNECTOR CORP. 6025 N. Keystone Ave., Chicago 30, III. (Tel. KEystone 9-3108) Purch. Agent: J. C. Miller Sales Mgr.: E. M. Paradise MF, WN, PS, GS, GE, TS, TR

CONNECTOR CORP. OF AMERICA 3223 Burton Ave., Burbank, Calif. (Tel. Victoria 9-2129) Sales: James Friedman

MF, WN, PS, GH, GE, TR

\*CONRAD, INC. 141 Jefferson St., Holland, Mich. (Tel. EXport 2-3161) Purch. Agent: M. G. Pointer V. P.-Sales: Charles F. Conrad TS ★ (See advertisement in this issue)

12700 Kercheval, Detroit 15, Mich. (Tel. VAlley 2-1500) Dir.-Purch.: Carl L. Schiller Purch. Agent-Toledo Div.: J. Watson, 1330 Laskey Rd., Toledo, O. (Tel. GReenwood 5-4641) 5-4641) Mgr.-Sales & Serv.: Kenneth C. Smith PS, GS, GH CONTINENTAL CARBON, DIV.-WIRT CO. 5221-27 Green St., Philadelphia 44, Pa. (Tel. GErmantown 8-9334) Purch. Agent: Kalman Lifson Sales Mgr.: William M. Wood

CONTINENTAL AVIATION & ENGRG.

CORP.

1775 Logan Ave., Youngstown, Ohio (Tel. RI 6-8011)

76 Summer St., Boston IO, Mass. (Tel. Liberty 2-6590)
Treas.: I. Goldberg
Mgr.-Cut Parts Div.: N. M. Benson
Sales: J. S. Patterson
MF, PS

PS, GS

MF, PS

MF, WN, PS, GS

Sales Mgr.: James Chisholm

Purch. Agent: D. A. Bood

\*(See advertisement in this issue) COMMONWEALTH FELT CO.

\*COMMERCIAL SHEARING & STAMPING CO.

CONTINENTAL CONNECTOR CORP. 34-63 56th St., Woodside 77, N. Y. (Tel. TW 9-4422) CO-OPERATIVE INDUSTRIES, INC. \*CRAIG SYSTEMS. INC. 100 Oakdale Rd., Chester, N. J. (Tel. 255) Purch. Agent: E. F. Youngquist 360 Merrimack St., Lawrence, Mass. (Tel. MUrdock 8-69611 Asst. Purch. Agent: Barnes Barker V. P.-Sales: V. C. Bonardel Purch. Agent: A. Jacobs MF, GE Dir.-Materiel: Jack Frost Purch. Agent: James Aicardi Buyers: William Bresnahan, Barry Barker & CONTINENTAL DIAMOND FIBRE CORP., MF, PS, GS, GE, TS, TR SUB.—THE BUDD CO. Newark 62, Del. (Tel ENdicott 8-8531)
Dir.-Purch.: W. H. Walker, Jr.
Asst. Gen. Purch. Agent: E. A. Cain
V. P.-Mktg.: F. M. Graver
MF, WN, PS, GS, GH, GE, TS, TR Mildred Kaczor COOPER-BESSEMER CORP., THE Dir.-Sales Engrg.: Perry L. Nies GS, GH, GE, TS, TR Mt. Vernon, O. (Tel. EX 3-0121)
Asst. Mgr.-Public Relations: Hugh GS ★(See advertisement in this issue) Watson CRANE CO. COPPERWELD STEEL CO., WIRE & CABLE 836 S. Michigan Ave., Chicago, Ill. (Tel. WA 2-3123) MF, PS, GS, TS CONTINENTAL METALS, INC. 7001 Santa Monica Blvd., Los Angeles 38, Calif. (Tel. HOllywood 9-8383) DIV. Glassport, Pa. (Tel. NOrth 4-7131) Purch. Agent: M. M. Siegel Sales Mgr.: F. E. Leib CRANE PACKING CO. 6400 Oakton St., Morton Grove, III. (Tel. Purch. Agent & Sales: I. H. Taylor ORchard 4-0100) MF, PS, GS, GH, TS, TR CONTINENTAL MOTORS CORP. Purch .: Victor Gorgleth COPPUS ENGRG. CORP. 344 Park Ave., Worcester 10, Mass. (Tel. Market St., Muskegon, Mich. (Tel. 2-7631) Buyers: William Parlette, Charles Kazarian, Harry Schnur Pres. & Gen. Mgr.: C. J. Reese PLeasant 2-5638) V. P.-Sales: V. E. Vorhees CONTINENTAL RUBBER WORKS
1963 Liberty St., Erie 6, Pa. (Tel. 2-5261)
Purch. Agent: Robert A. Bailey
Sales Mgr.: Charles C. Shenk Purch. Agent: H. C. Hult CRATEX MFG. CO. Sales Mgr.: E. Kundig PS, GS, GH 1600 Rollins Rd., Burlingame, Calif. (Tel. F. W. CORBETT SCIENCE LABS.
3117 Venice Blvd., Los Angeles 19, Calif.
(Tel. REpublic 3-5251) OXford 7-1660) MF, WN, PS, GS CRESCENT ENGRG. & RESEARCH CO. 5440 N. Peck Rd., El Monte, Calif. (Tel. Purch.: F. W. Corbett CONTINENTAL SCREW CO. GE, TS, TR GIlbert 4-0528) 459 Mt. Pleasant St., New Bedford, Mass. (Tel. Wyman 3-2621) Purch. Agent: J. Wackerman Adv. Mgr.: E. Michener CORBIN PRODUCTS DIV. Crescent Plaza Bldg. 306-B, Long Island City I, N. Y. (Tel. ST 6-0700) Purch. Agent: Edward Pettengill Gen. Sales Mgr.: Victor Ladetto Sales Mgr.: Scott B. Linn PS, GS, GE, CO, TS, TR Mgr.-Sales: M. Bellew MF, WN, PS, GS, GH, GE A. CRESCI & SON, INC. CONTROL DATA CORP. Blvd. & Grape Sts., Vineland, N. J. (Tel. OX 1-1700) 501 Park Ave., Minneapolis 15, Minn. (Tel. CORDO MOLDING PRODUCTS, INC. 230 Park Ave., New York 17, N. Y. (Tel. MUrray Hill 6-4326) FEderal 9-0947) Dir.-Purch.: L. Bernier Dir.-Mktg.: W. K. Drake MF, WN, PS, GS, GH, GE, CO, TS, TR Purch. Agent: Raymond J. Hemighaus Purch. Agent: Robert F. Walsh, 34 Smith St., Norwalk, Conn. (Tel. VOlunteer CROMER MFG. & ENGRG., INC. 2138 E. 88th St., Los Angeles 2, Calif. (Tel. LUdlow 2-5383) 6-44381 CONTROL PRODUCTS INC. V. P.-Sales: William F. Condon 3,06 Sussex St., Harrison, N. J. (Tel. HU Purch. Agent: Mildred Hilgardner MF, WN, PS 2-0213) Plt. Supt.: Darrel L. Sewart V. P.-Chg. Sales: Harry S. Green Purch.: H. R. Brester \*CORNELIUS CO., THE
550 39th Ave., N. E., Minneapolis 21, Minn. Sales Mgr.: A. W. King PS, GS, GE, TR MF, PS, GS, GH (Tel. SUnset 8-8613) CROMPTON & KNOWLES CORP.
93 Grand, Worcester, Mass. (Tel. PL CONTROLS CO. OF AMERICA Mgr.-Aircraft Equip. Sales: J. W. Mahanay
MF. PS, GS, GH, GE, TR 9555 Soreng Ave., Schiller Park, III. (Tel. NAtional 5-9000) 3-5431) Purch. Agents: L. Manfre & H. Keller V. P.-Sales: G. Calkins & A. Topp MF, PS, GS, GH, GE, CO, TR Purch. Agent: Joseph J. Benoit Mgr.-Special Mfg. Dept.: R. J. McGivney ★(See advertisement in this issue) CORNELL-DUBILIER ELECTRIC CORP. Hamilton Blvd., South Plainfield, N. J. (Tel. Plainfield 6-9000) Dir.-Purch.: Paul H. Burbage CRO-PLATE CO., INC., THE CONVAIR-ASTRONAUTICS DIV., GENERAL DYNAMICS CORP. 747 Windsor St., Hartford I, Conn. (Tel. JAckson 7-8273) 5001 Kearney Villa Rd., San Diego 12, Calif. (Tel. BR 7-6750) Material Dept.: C. F. Uhden Purch. Agent: Nicholas Nedweden Sales Mgr.: Alan R. Burman Sales Mgr.-Mfg. Div.: Arthur Williams Gen. Purch. Agent: W. J. Flanagan
Purch. Agents: E. Fellows, Jr., C. C. Farnsworth & C. T. Talbott CROWN INDUSTRIAL PRODUCTS CO. CORNING GLASS WORKS ORNING GLASS WORKS
Corning, N. Y. (Tel. 2-5011)
Dir.-Purch.: T. S. Wood
Purch. Agent: Ralph Baker
Mgr.-Staff Sales: B. S. Peirson
MF, WN, PS, GS, GH, GE, TR 713 Amsterdam, Woodstock, III. (Tel. 1900) Materials Mgr.: Dean Yetter Sales Mgr.: Jess Lobdell CONVAIR-POMONA CRUCIBLE STEEL CO. OF AMERICA
Oliver Bldg., P. O. Box 88, Pittsburgh, Pa. P. O. Box 1011, Pomona, Calif. (Tel. LYcoming 9-5111) (Tel. ATlantic 1-3800) Dir-Purch.: R. O. Bridge
Buyers: G. G. Dyer, Jr., D. Burman, C. C.
Kennedy MF, WN, PS, GS, GE, TS Mgr.-Material: R. D. Webster CORRUGATED PAPER PRODUCTS, INC. Purch. Agent-Major, Minor Std. Parts & 2233 Utica Ave., Brooklyn, N. Y. (Tel. ESplamade 7-6112) Raw Material: R. J. Hartmayer Purch. Agent—Subcontracts, Supplies & Services: O. W. Connell Pres.: J. Kapor CRYSTAL-X CORP. 112 W. Lenni Rd., Lenni Mills, Pa. (Tel. CORSON ELECTRIC MFG. CORP. Purch. Agent—Non-productive & Facilities: F. W. Burke GLobe 9-1000)
Purch. Agent: E. F. Westlake
Sales Mgr.: W. H. Seiler 540 39th St., Union City, N. J. (Tel. UNion 6-4227) Purch. Agent-Special Components: J. D. Currier Purch. Agent: Frank E. Dame MF, WN, PS, GS FRANK R. COOK CO. COSA CORP. 36 S. Santa Fe Dr., Denver 23, Colo. (Tel. SHerman 4-1753) Chrysler Bldg., 405 Lexington Ave., New York 17, N. Y. (Tel. YUkon 6-9696) Sales Mgr.: P. M. Aubry GS, TS, TR

Purch.: Jake Mowsray

COOPER ALLOY CORP.

Hillcrest 6-3138)

Ťucker

Hillside, N. J. (Tel. MU 8-4120) Mgr.-Adv. & Sales Prom.: Stuart F. Cooper

2626 S. Peck Rd., Monrovia, Calif. (Tel.

\*COOPER DEVELOPMENT CORP.

Purch. Agent: Eugene Binford Mgr.-Contracts Planning: Malcolm C.

★(See advertisement in this issue)

GS, GH, GE, TR

MF, GS

COUCH ORDNANCE, INC.

BL 8-4147)

ORegon 4-4727)

Prod. Mgr.: Edward Kraft

V. P.-Sales: Herbert M. Brusman

3 Arlington St., North Quincy, Mass. (Tel.

BL 8-41777 Purch. Agent: S. D. Bellis Mgr.-Relay Div.-Sales: B. W. Gray GE, TR

COX & CO., INC.
115 E. 23rd St., New York 10, N. Y. (Tel.

MF, WN, GS, GE

CODING Missile Frame Warhead & Nose Cone WN Propulsion System PS Ground Support GS Ground Handling GH Guidance Equipment GE Check-out Equipment CO Test Equipment TS Tracking & Telemetering TR Research & Development RE

### . . . purchasing directory cub—dim

CUBIC CORP.
5575 Kearny Villa Rd., San Diego II, Calif.
(Te. BRowning 7-6780)
Dir.-Purch.: John C. Buchan
Buyers: Bill Freres, George Dotson & Gussie

Seelev Bus. Admin.-Sales: Donald E. Root GS, GE, CO, TS, TR

JAMES CUNNINGHAM SON & CO., INC. 33 Litchfield, Rochester 8, N. Y. (Tel. BAker 5-7240)

Purch. Agent: James Elliott Sales: Peter F. Cunningham

GS, GE, CO, TS, TR

CUNO ENGRG. CORP., THE
S. Vine St. Meriden, Conn. (Tel. BEverly 7-5541

Purch. Agent: Fred Gagnier V. P.-Mktg.: Carlton H. Winslow MF, WN, PS, GS, GH, GE, CO, TR

CURTIS UNIVERSAL JOINT CO., INC. 4 Birnie Ave., Dept. M&R, Springfield 7, Mass. (Tel., RE 7-0281) Sales: T. B. Cavanaugh PS

CURTISS-WRIGHT CORP.

Valley Blvd., Wood-Ridge, N. J. (Tel. WEbster 3-0800)

Chrm. & Pres.: Roy T. Hurley

CURTISS-WRIGHT CORP., ELECTRONICS DIV.

631 Central Ave., Carlstadt, N. J. (Tel. GEneva 8-4000) Purch. Mgr.: F. L. Nicholls

Buyer-Sheet Metal: John Kroll Buyer-Subcontract: C. D. Post Buyer-Resistors, Relays, Rheostats: C. Guerriere

Buyer-Tubes, Rectifiers, Knobs, Switches:

Buyer-Machined Parts, Gears, Raw Ma-terials, Plating & Finishing: A. Protono Gen, Sales Mgr.: Charles O. Cary PS, GS, GE, CO, TS, TR

CURTISS-WRIGHT CORP., INDUSTRIAL & SCIENTIFIC PRODUCTS DIV. O. Box 110, Princeton, N. J. (Tel. SWinburne 9-0500)

Suprvsr. of Purch.: V. L. Croal Gen. Mgr.-Sales: H. S. Bamford GS, GH, GE, CO, TS, TR

CUSTOM COMPONENTS, INC.
P. O. Box 248, Caldwell, N. J. (Tel. CAldwell 6-3403) Sales: Harold 1. Danziger

CUTLER-HAMMER INC. 315 N. 12th St., Milwaukee 1, Wisc. (Tel. BRoadway 1-7800)

PS, GS, GH, GE, CO, TS, TR CYCLE TRANSFORMER CORP.

356 Glenwood Ave., East Orange, N. J. (Tel. ORange 4-0731) Purch. Agent: J. U. Dio Chief Engr.: H. Edgar Snow Sales Engr.: Paul M. Brubaker GS, GE, CO, TS, TR

D K MFG. CO. 5059 S. Kedzie, Chicago 32, III. (Tel. RE 7-3311) RE 7-3311) Purch. Agent: Ted Kwasnik Sales Mgr.: Paul J. Firring MF, PS, GS, GH

D & R, LTD. 402 E. Gutierrez St., P. O. Box 1500, Santa Barbara, Calif. (Tel. WOodland 5-4511) Purch. Agent: C. E. Schaefer V. P.-Purch.: E. D. Sperry Sales Mgr.: J. A. Moseley PS, GS, GE, CO, TS, TR

D. S. D. MFG. CO., THE 2964 Whitney Ave., Hamden, Conn. (Tel. ATwater 8-1678) Wks. Mgr. & Secy.: William J. Devin

MF, PS, GS

DAGE ELECTRIC CO., INC. 67 N. 2nd St., Beech Grove, Ind. (Tel. STate 6-0458) Purch. Agent: Roger Mays GE, TR

Gen. Mgr.: Calvin J. Zehr DAKOTA ENGRG., INC. 6641 Crenshaw Blvd., Los Angeles 43, Calif. (Tel. PLeasant 8-6090)

Sales Mgr.: Betty Boundy

MF, PS, GS, GH, TS DALE PRODUCTS, INC.

O. Box 136, Columbus, Nebr. (Tel. LOcust 4-3131) Purch. Agent: Wallace Brunken Sales Mgr.: R. H. Engstrom

MF, WN, PS, GS, GH, GE, CO, TS, TR

\*DALMO VICTOR CO., DIV.-TEX-TRON INC. 1515 Industrial Way, Belmont, Calif. (Tel.

LYtell 1-1414) Purch. Agent: Ralph Brown Supt.-Outside Procurement: Bill Wurfer Buyer-Electronic Components: Mike Lichtenstein

Buyer-Electrical Supp., Bearings: Hal Amberg

Buyer-Maintenance, Machine Tools, Equip .:

Buyer-Stationary, AN Hardware & Fittings, Raw Materials: Ken Irwin Dir.-Sales: George C. Stewart

MF, WN, PS, GS, GE, CO, TS, TR ★(See advertisement in this issue)

DALMORE CORP. Prospect St., Woburn, Mass. (Tel. WOburn 2-5390) Purch. Agent: R. A. Joyce

MF, WN, PS, GS, GE, TR DALWELD CO. INC. 15 Bertel Ave., Mt. Vernon, N. Y. (Tel. MOunt Vernon 4-8698)

Pres.: Jerry Robinson MF, PS, GE, TR

DAMPP-CHASER, INC. 1440 Ridgewood Blvd., Hendersonville, N. C. (Tel. OXford 3-6084) Purch.: B. Dalton

Adv. Mgr.-Purch.: Nicholas Semaschko, Jr PS, GS Sales Mgr.: O. Jack Buckley

C. R. DANIELS, INC. Paniels, Md. (Tel. Ellicott City 1200)
Purch. Agent: D. H. Kelley
Buyers: W. L. Young, F. J. Trumpbour, J.
Russell & A. Metz
V. P.-Sales: W. E. Carson

MF, PS, GS, GH, TR DANLY MACHINE SPECIALTIES, INC.

2100 S. Laramie Ave., Chicago 50, III. (Tel. Blshop 2-1800) Purch. Agent: Paul R. Fields Asst. Purch. Agent: Donald McGibbon Buyer: William Gardner V. P.-Press Sales: D. R. Danly V. P.-Sales, Die Makers Supp.: R. E. Danly MF, WN, PS, GS, GH, TS

DARCOID CO., INC., THE 145 6th Ave., New York 13, N. Y. (Tel. ALgonquin 5-1393) Gen. Mgr.: Fred W. Sheer MF. PS

DATA INSTRUMENTS, DIV.-TELECOMPUT-ING CORP. 12838 Saticoy St., North Hollywood, Calif. (Tel. STanley 7-8181) Purch.: Mrs. Jean Stetler Sales Mgr.: R. W. Woodring TR \*DATA-CONTROL SYSTEMS INC. 39 Rose St., Danbury, Conn. (Tel. Ploneer 3-38961

V. P.-Purch.: Weems E. Estelle GS, GH, GE, CO, TS, TR

DATEX DIV., G. M. GIANNINI & CO., INC. 1307 S. Myrtle Ave., Monrovia, Calif. (Tel. ELliot 9-5381)

\*(See advertisement in this issue)

Operations Mgr.: Charles S. Palmer Buyers: Richard V. Ireland & B. J. Benson Sales Mgr.: John W. Bodnar TR

ELECTRONICS, DIV.-MID-CON-TINENT MFG., INC. 1836 Rosecrans Ave., Manhattan Beach, Calif. (Tel. OSborne 5-7131)

Purch. Agent: Robert D. Errington Gen. Mgr.: Lewis Emmerich Dir.-Customer Relations: Allen J. Edwards

Tech. Dir.: Richard E. George GE, CO, TS, TR

DAVEN CO., THE Rt. 10, Livingston, N. J. (Tel. Livingston 6-43001 V. P.-Purch.: G. H. Newman Buyers: A. M. Watkins & I. Valentine

Buyers: A. M. Visianson Sales Mgr.: E. L. Grayson GS, GE, CO, TS, TR DAVENPORT MFG. CO.

1713 N. Ashland Ave., Chicago 22, Ill. (Tel Dickens 2-5620) Treas.: A. W. Davenport

PS, GS, GE, CO, TS, TR DAVIDSON MFG. CO. 2223 Ramona Blvd., West Covina, Calif.

(Tel. EDgewood 7-7281) Purch. Agent .: O. A. Kidwell Sales Mgr.: James E. McBride

WN, PS, GS, GE, CO, TS, TR

DAY-RAY PRODUCTS, INC. 1133 Mission St., South Pasadena, Calif. (Tel. RYan I-1189) Secy.-Treas.: Mrs. W. D. Adams

DAYSTROM INSTRUMENT, DIV.-DAYSTROM, INC.

Archbald, Pa. (Tel. JErmyn 1100) Dir.-Purch.: A. I. Manuel V. P.-Sales & Contracts: Howard J. Warnken MF, WN, PS, GS, GE, TR

DAYSTROM PACIFIC DIV., DAYSTROM, INC.

9320 Lincoln Blvd., Los Angeles 45, Calif. (Tel. ORchard 4-7100) Purch. Agent: Russel Reid Dir.-Sales: J. F. Zilman

DAYTON AIRCRAFT PRODUCTS, INC. P. O. Box 8007, 812 N. W. First St., Ft.
Lauderdale, Fla. (Tel. JAckson 3-5451)
V. P.-Purch.: H. A. Cline
Dir.-Sales: J. H. Sampson
ME WN PC CS CE TS TP.

MF, WN, PS, GS, GE, TS, TR DAYTON AVIATION RADIO &

EQUIPMENT CORP. Box 167, Vandalia, Ohio (Tel. TWinoaks 8-4627) V. P .: Albert Sherwatt

Purch. Agent: Earl Balger Sales Mgr.: Elliott Polansky

GS, GH, GE, TS, TR DAYTON MFG. CO., INC.

17 Front St., Dayton 2, O. (Tel. BA 4-8503) Pres.: J. Grover

MF, WN, PS, GS, GH DAYTRONIC CORP.

216 S. Main St., Dayton 2, O. (Tel. BAldwin 3-7618) Prod. Mgr.: W. R. Winger

Chief Engr.-Purch .: R. M. Kinkead Clerk-Purch .: B. Grenner Head-Sales: M. M. Moorhead, Jr. PS, CO, TS JOE DAVIDSON & ASSOCIATES
P. O. Box 108, South Gate, Calif. (Tel. NEvada 6-2245) Gen. Mgr.-Sales: Albert S. Hovannesian
WN, PS, GE, CO, TS, TR Dir.-Sales: Denison Neale GS. TS DENNIS CHEMICAL CO. Gen. Mgr.: Fred Simpson 2701 Papin St., St. Louis, Mo. (Tel. PRospect 6-1868) DIAMOND DRILL CARBON CO., THE 244 Madison Ave., New York 16, N. Y. (Tel, LExington 2-3006) DEAN & BENSON RESEARCH INC. 16 Richmond St., Cliffon, N. J. (Tel. GRegory 1-1600) Production: Henry McNeal Chief Draftsman: Herbert Gynan Sales: Milton Carlie Sales: Bernard Rhodes DENVER RESEARCH INSTITUTE DIAMONITE PRODUCTS MFG. CO. 1232 Cleveland Ave., N. W., Canton, O. (Tel. GLendale 6-8195) University of Denver, Denver 10, Colo. (Tel. SH 4-1811) Chief Engr.: Leo Avondoglio Dir.: Shirley A. Johnson, Jr. Bus. Mgr.: George M. Canetta Plt. Mgr.: Joseph Micka RE Mgr.-Purch.: Harold Himes, Shreve, O. Sales Mgr.: Richard C. Portofee
MF, WN, PS, GS, GH, TR Mgr.-Purch.: Flaroid Filmes.
(Tel. JOseph 7-3401)
Mgr.-Mktg.: R. H. Rudolph
MF, WN, PS, GS, GE, TS, TR F. W. DERBYSHIRE, INC. 157 High St., Waltham 54, Mass. (Tel. TWinbrook 4-2900) DEARBORN ELECTRONIC LABS.
1421 N. Wells St., Chicago, III. (Tel. J. W. DICE CO. Sales: Shaw Smith WA 3-2412) 16 Highwood Ave., Englewood, N. J. (Tel. Purch. Agent: George Waiflein DERRICK MFG. CO 590 Duke Rd., Buffalo 25, N. Y. (Tel. REgent 9010) LOwel! 9-0471) Gen. Mgr.-Sales: R. J. Simpson Purch. Agent: M. Strain GE. TR Asst. Purch. Agent: E. Franz Treas.: R. G. Derrick DECKER CORP., THE
1361 Frankford Ave., Philadelphia 25, Pa. Sales: E. Van Ressel CO, TS DESIGN TOOL CORP. 80 Washington St., New York 6, N. Y. [Tel. WHitehall 3-7466] DIEHL MFG. CO. (Tel. GArfield S-2300) 1224 Finderne Ave., Somerville N. J. (Tel. Purch. Agent: John D. Moore RAndolph 5-2200) V. P.: Carl Kertesz Asst. Purch. Agent: Purch. Agent: H. A. Conrad Purch. Dept.: J. Rizzo, F. Boyne & W. A. Richard Newhouse, Jr. V. P. & Gen. Mgr.-Sales: Thomas W. Spirito DETROIT DIESEL ENGINE DIV.-GENERAL MOTORS CORP.

13400 W. Outer Dr., Detroit 28, Mich.

(Tel. KE 1-7100) Wiggins V. P.-Sales: A. R. Booth PS, GS, GE, TS, TR CO, TS DE COURSEY ENGRG. LAB. 11828 W. Jefferson Blvd., Culver City. Calif. (Tel. EX 7-9668) Mgr.-Purch. & Prod.: John E. McKenna HENRY G. DIETZ CO., INC., THE 12-16 Astoria Blvd., Long Island City 2, N. Y. (Tel. RAvenswood 6-3347) Gen. Sales Mgr.: Robert E. Hunter W. E. De Coursey GF Purch.: M. Pheasey
WN, PS, GS, GH, GE, CO, TS DEFENSE PRODUCTS GROUP, AMERICAN DETROIT HOIST & MACHINE CO. MACHINE & FOUNDRY CO.
1101 N. Royal St., Alexandria, Va. (Tel. 8204 Morrow St., Detroit II, Mich. (Tel. TR 5-8344) DIGITRAN CO., THE
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ELECTRICAL & MECHANICAL DESIGN CO. O. Box 706. Clark N. J. (Tel. FUlton 8-3381 Purch. & Sales: Raymond E. Hall

ELECTRO INSTRUMENTS, INC. 3540 Aero Ct. San Diego II, Calif. (Tel. BRowning 7-6590) Purch. Agent: Robert Sammon Engr. Buyer: James Tibbetts V. P.-Sales: Walter H. East CO, TS, TR

ELECTRO PRODUCTS LABS., INC. 4501 N. Ravenswood Ave., C III. (Tel. LOngbeach 1-1707) Purch. Agent: E. V. Tetzner Sales Mgr.: Richard C. Crossley

GS, CO, TS, TR ELECTRO TEC CORP. 4 Romanelli Ave., South Hackensack, N. J. (Tel. HUbbard 7-4940)

Purch. Agent: H. Frank V. P.-Sales: F. F. Sylvester ELECTRO TEC CORP., VIRGINIA DIV. . O. Box 219 Blacksburg Va. (Tel. PRescott 2-8208)

Purch. Agent: Thomas F. Mantz Sales Coordinator: Fred Sylvester, South
Hackensack, N. J. (Tel. HUbbard 7-MF, PS, GE, TR

ELECTRO-CAPACITORS CO., INC. 10132 Edes Ave., Oakland 3, Calif. (Tel. LOckhaven 8-7910) Sales Mgr.: H. Marquess GE. TR

ELECTRODATA DIV.-BURROUGHS CORP. 460 Sierra Madre Villa, Pasadena, Calif. (Tel. SYcamore 3-6121) Mgr.-Materiel Dept.: W. B. Wight Mgr.-Sales Dept.: R. G. Dee GE. TR

ELECTROFILM, INC. 7116 Laurel Canyon Blvd. P. O. Box 106. N. Hollywood Calif. (Tel. POplar 5-4420)

Purch. Agent: Dominic Rossi Gen. & Sales Mgr.: J. A. Droege MF, WN, PS, GS

ELECTRO-FLEX HEAT, INC. 83 Woodbine St., Hartford 6, Conn. (Tel. CHapel 6-5413) Purch. Agent: Elizabeth S. Stachel

V. P .- Purch .: Harold C. Davis Jr.

ELECTRO-MECHANICAL SPECIALTIES CO., INC.

1016 N. Highland Ave., Los Angeles Calif. (Tel. HOllywood 2-0793) Purch. Agent: Kenneth Lautman Gen. Mgr.: James Goodman GE

ELECTRO-MEDICAL LAB., INC. South Woodstock 25, Vt. (Tel. WOodstock 144M4)

Dir.-Purch.: Lovett Garceau Sales: D. S. Garceau GE, TS, TR ELECTRO-MINIATURES CORP.

1060 Elm Ave., Ridgefield N. J. (Tel. WHitney 3-7300) Purch. Agent: L. O. Silvan Sales Mgr.: L. R. Sonders GH, GE, TR

ELECTROMODE, DIV.-COMMERCIAL CON-TROLS CORP. 570 Culver Rd. Rochester 3, N. Y. (Tel.

BUtler 8-1880) Gen. Sales Mgr.: Paul D. Hawkins

ELECTRON PRODUCTS INC. 430 N. Halstead, Pasadena Calif. (Tel. RYan 1-0666)

Purch. Agent: F. S. Pirrie Sales: R. F. Hastings MF, PS, GS, GE

ELECTRONIC ASSEMBLY CO., INC.
5 Prescott St., Roxbury 19 Mass. (Tel. HI 5-7585) Purch. Agent: S. Buchbinder GS, GH, GE, CO, TS, TR

ELECTRONIC ASSOCIATES, INC. Long Branch, N. J. (Tel. CApital 9-1100)

Purch. Agent: E. F. Van Pelt Sr. Buyers: L. W. Cavalier, J. H. Schachter, and J. W. Thompson

Buyers: R. A. Grammer and E. Valente GE, CO, TS, TR

ELECTRONIC COMMUNICATIONS, INC. 1501 72nd St., N., St. Petersburg, Fla. (Tel. Dickens 5-9301) Purch. Mgr.: R. B. Walworth, Maritime

(Tel. 5-7111) Sales Mgr.: Boone T. Guyton MF, WN, PS, GS, GH, GE, CO, TS, TR 221 Prospect Ave., Binghamton, N. Y. (Tel. 4-25121 Purch. Agent: Wesley Magwood, Maritime Purch .: E. M. Twining ELECTRONICS DEVELOPMENT CO., INC. Buyer-Suprvsr.: George Doescher, Mari-3743 Cahuenga Blvd., N. Hollywood, Calif. ELLIS & WATTS PRODUCTS, INC. (Tel. STanley 7-3223) Gen. Mgr.: D. W. Baisch Sales: F. P. Leaming time Base Monroe at Spencer, Cincinnati 36, O. (Tel. SYcamore 1-1725) Gen. Sales Mgr.: M. C. Eliason WN, PS, GS, GE, CO, TS, TR TR Adminis. Supvsr.: Robert J. Lammert Purch. Agent: James Macke V. P.-Sales: Robert H. Watts ELECTRONIC CONTROL CORP. ELECTRONICS DIV., AMERICAN MACHINE & FOUNDRY CO. 1573 E. Forest Ave., Detroit 7, Mich. (Tel. MF, PS, GS, GH, GE, TR TEmple 2-6625) 1085 Commonwealth Ave., Boston 15, Mass. V. P.-Sales: Stephen V. Hart (Tel. ALgonquin 4-4234) Dir.-Materiel: P. Goldstein ELLISON DRAFT GAGE CO. 548 W. Monroe St., Chicago 6, Ill. (Tel. RAndolph 6-2296) ELECTRONIC ENGRG. CO. OF CALI-FORNIA 1801 E. Chestnut St., Santa Ana, Calif. (Tel. Kimberly 7-5501) Purch. Agent: A. R. Harman ELECTRONICS INTERNATIONAL CO. 145 W. Magnolia Blvd., Burbank, Calif. (Tel. Victoria 9-2481) Purch. Agent: Merrill Stuart Sales Mgr.: William Gammon Pres.: Martin Coco PS, GS, GH, GE, CO, TS ELM MFG. CO. INC. 10 Washington Ave., Hastings-on-Hudson, N. Y. (Tel. DObbs Ferry 3-7770) Buyers: Dale Habberstad & Gene Frake Asst. Buyer: Steve Gandolpho Sales Mgr.: W. R. McQuiston GE, CO Purch. Agent: S. Arnold ELECTRON-RADAR PRODUCTS GS, GH, GE, CO, TS, TR Chief Engr.: M. Brownshield 4806 W. Chicago Ave., Chicago 51, III. (Tel. ESterbrook 9-1232) Prod. Engr.: L. Lane ELECTRONIC FABRICATORS, INC. 682 Broadway, New York 12, N. Y. (Tel. Purch. Agent: W. A. Bailey ELMET DIV.-NORTH AMERICAN PHILIPS SPring 7-4900)
Pres.: M. Samuels CO., INC.
Lisbon, Rd., Lewiston, Me. (Tel. 4-5478)
V. P.-Purch., Elmet Div.: R. Lowit
Sales, Elmet Div.: D. R. Donovan Head-Sales: J. J. Bailey GS, GH, GE, CO, TS, TR ELECTRO-PULSE, INC. ELECTRONIC INSTRUMENTATION CO... DIV.-RAMO-WOOLDRIDGE CORP. 11861 Teale St., Culver City, Calif. (Tel. TExas 0-8006) MF. PS. GS. TR 300 Ramo-Wooldridge Rd., P. O. Box 8405, Denver 10, Colo. (Tel. PYramid Purch. Agent: Mrs. Sydelle Green Sales Mgr.: J. E. Niebuhr EMELOID CO. INC., THE 4-43 | 1 ) 1239 Central Ave., Hillside 5. N. J. (Tel. ELizabeth 2-1944) Material Mgr.: Fred LaRiviere Buyers: John O. Jancef, Gino Leonetti, Les Ortman, and Marshall Z. Williams GS, GE, CO, TS ELECTROSOLIDS CORP. Purch. Agent: F. M. Headley 7436 Varna Ave., N. (Tel. POplar 5-9716) Sales Mgr.: George W. Emerson N. Hollywood, Calif. Mgr.-Mktg.: J. W. Gillon MF, GE, CO, TR ELECTRONIC MEASUREMENTS CO., INC. Lewis St. & Maple Ave., Eatontown, N. J. Purch. Agent: B. M. Hoffer EMERSON & CUMING, INC. Sales Mgr.: Gerald J. Widawsky 869 Washington St., Canton, Mass. (Tel. CAnton 6-1066)
Purch. Agent: C. B. McSorley
Sales: E. W. Anderson (Tel. 3-0300) ELECTRO-SWITCH & CONTROLS, INC. Purch. Agent: B. DeBlasio 5755 Camille Ave., Culver City, Calif. (Tel. TExas 0-4643) Buyer: Mrs. Doris Shultz Expeditor: Mrs. Edith Walsh MF, WN, PS, GE, TR Gen. & Sales Mgr.: J. K. Brose Sales Mgr.: Douglas Stevens EMERSON ELECTRIC MFG. CO., THE, ELECTRO-TECH EQUIPMENT CO. GS, GE, TR ELECTRONICS & AVIONICS DIVS.
8100 Florissant Ave., St. Louis 21, Mo. (Tel. 30B Canal St., New York 13, N. Y. (Tel. ELECTRONIC MEASUREMENTS CORP. WO 6-2350) 625 Broadway, New York 12, N. Y. (Tel. GRamercy 5-0610) Purch. Agent: Milton Brinin
Expediting & Delivery: Marty Jackins
Gen. Mgr.-Sales: Arthur Prince COlfax 1-1800) Dir.-Purch.: John A. Alles, 59th & Industrial Purch. Agent: L. Stans Sales Mgr.: M. Lieblich Aves., Washington Park, III. (Tel. Station GS, GE, CO, TS, TR PS, GS, GH, GE, CO, TS, TR Purch. Agent: M. Randall, Washington Park (Tel. Station 852) Asst. V. P.-Sales: C. G. Gulledge, Wash-ington Park (Tel. Station 270) MF, WN, GS, GE, CO, TS, TR ELECTRO-WINDERS CO. INC. 854 W. Front St., Covina, Calif. (Tel. EDgewood 2-6207) ELECTRONIC MECHANICS, INC. 101 Clifton Blvd., Clifton, N. J. (Tel. GRegory 3-4108) Plt. Mgr.-Purch. Agent: George Payne Comptroller: N. E. Brown Gen. Sales Mgr.: J. E. Nester MF, WN, PS, GE, CO Asst. Purch. Agent: Lee Goldstein Sales Mgr.: Jack Ratner EMERSON PLASTICS CORP. 1383 Seabury Ave., Bronx 61, N. Y. (Tel. SYcamore 2-4400) ELEKTRO-SERV CO. ELECTRONIC PROCESSES CORP. OF CALI-480 Johnson Ave., Brooklyn 37, N. Y. (Tel. FORNIA Purch. Agent: D. Singer MF, WN, PS, GS, GE, CO, TS, TR HY 7-0053) 2190 Folsom St., San Francisco 10, Calif. (Tel. UNderhill 1-9595) Prod. Mgr.: H. S. Rosenblatt Chief Engr.-Sales: M. Lindner MF, WN, PS, GS, GE, TR Chief Engr.-Purch.: E. H. Stewart, Jr. EMHART MFG. CO., SKYWORKER DIV. 83 Ford St., Milford, Conn. (Tel. TRinity Sales Mgr.: A. F. Hogland PS, GE, CO, TS, TR ELGEET OPTICAL CO., INC. 8-06411 B3B Smith St., Rochester, N. Y. (Tel. BEverly 5-8080) Prod. Co-ordinator: Leslie S. Bailey ELECTRONIC TECHNIQUES, INC. 13761 Saticoy St., Van Nuys, Calif. (Tel. STate 2-8342) Gen. Sales Mgr.: Stephen B. Doss Purch. Agent: S. J. Rayburn EMMERT MFG. CO. Waynesboro, Pa. (Tel. 848) Gen. Mgr.: R. H. Ziegenfuss Dir.-Mktg.: Howard Golden
Sales Mgr.: Val S. Scoville
MF, WN, PS, GS, GH, GE, CO, TS, TR ELGIN MICRONICS, WEST COAST DIV .-ELGIN NATIONAL WATCH CO. Sales Mgr.: H. O. Atwood 21001 Nordhoff St., Chatsworth, Calif. (Tel. GS Dlamond 0-7220) ELECTRONIC TRANSFORMER CO., INC. 70 Washington St., Brooklyn I, N. Y. (Tel. Purch. Agent: S. Lieberman Buyer: H. Haun Mgr.-Cust. Rel.: J. A. Sellers MF, WN, PS, GS, GH, GE, CO, TS, TR MAin 5-6123) CODING Purch. Agent: Irv Fields Missile Frame MF Sales Mgr.: Hal Borgen Warhead & Nose Cone WN ELGIN NATIONAL WATCH CO. GS, GE, TS, TR 107 National St., Elgin, III. (Tel. SHerwood Propulsion System PS 2-33001 ELECTRONICS CORP. OF AMERICA GS **Ground Support** Dir.-Purch., Watch Div.: W. H. Miller Gen. Sales Mgr., Watch Div.: Harold Rich WN, PS, GS, GH, GE, CO, TR One Memorial Dr., Cambridge, Mass. (Tel.

Purch. Agent: K. Williams

B. W. ELLIOTT MFG. CO., INC.

Base, P. O. Box 359, St. Petersburg, Fla.

UN 4-B000)

E. Beaupre

Dir.-Operations, Mil. Div., & Head-Sales:

ELECTRONICS DEPT., HAMILTON STAND-

ARD DIV., UNITED AIRCRAFT CORP. Broad Brook, Conn. (Tel. NAtional 3-1621)

MF, WN, PS, GS, GE, CO, TS, TR

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2908 Herbert St., Baltimore 16, Md. (Tel. Wilkens 5-2903)

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purchasing directory	emp—fir	ESSEX MFG. CO., INC. 8213 Gravois, St. Louis 23, Mo. (Tel.
EMPIRE ELECTRONICS CO., INC. 166 River St. Paterson I, N. J. (Tel. ARmory 4-8282)	ENTERPRISE TOOL & GEAR CORP. 8320 E. McNichols Rd., Detroit 34, Mich. (Tel. TW 1-5780)	VErnon 2-4500) Purch. Agent: Harold Guller DirSales: Don Hill
V. P.: George Surasky PS, GS, GH, GE, TS, TR	Purch. Agent: 8ruce F. Rogers Sales Mgr.: George R. Alschbach	MF, PS, GS, GH, GE, TS  ESSEX WIRE CORP.
EMPIRE PRODUCTS SALES CORP.  37 Prospect St., Amsterdam, N. Y. (Tel.	ENTRON, INC. 4902 Lawrence St., P. O. Box 287, 8ladens-	1601 Wall St., Fort Wayne, Ind. (Tel. E-0311) Purch.: G. Brown MF, PS, GS, TR
VIctor 2-8400) Purch.: Frederick G. Lotz Sales: Michael T. Harges GE, CO, TS, TR	burg. Md. (Tel. APpleton 7-9585) Purch. Agent: Carl D. Jones V. PSales: Robert McGheehan	ESSEX WIRE CORP., MAGNET WIRE DIV. 1601 Wall St., Ft. Wayne, Ind. (Tel. EAst- brook 0311)
EMPIRE STATE ALUMINUM CORP. 15 Boston St., Newark 3, N. J. (Tel. MArket 2-3150)	ENVIRONMENTAL EQUIPMENT CO. 369 Linden St. Brooklyn 27, N. Y. (Tel. HEgeman 3-9872) Purch. Agent: V. Batalin	Magnet Wire Purch, Agent: G. Kohlmeier Sales: J. W. Stewart MF, TR
Secy.: Edward Fielding MF, PS, GH ENDEVCO CORP.	Chief EngrPurch.: A. Hershey Asst, EngrPurch.: Louis Gold Head-Sales: L. W. McDaniel GS, TS	ESSO STANDARD OIL CO. 15 W. 51st St., New York 19, N. Y. (Tel. PLaza 7-1200) Gen. Mgr.: A. J. Kelly
161 E. California St., Pasadena, Calif. (Tel. RYan 1-5231) Prod. Mgr.: John Daly	EPCO PRODUCTS INC. 2500 Atlantic Ave., 8rooklyn 7, N. Y. (Tel.	V. PSales: B. L. Ray  ETCHED PRODUCTS CORP.
Buyer: Alex Zielinski Chief Quality Control Engr.: Tom Woodard Chief Engr.: 8ernie Shoor Sales Mgr.: Warren Hancock	Dickens 5-7531) V. PSales: Al Osborne GE EPIC, INC.	39-01 Queens Blvd., Long Island City 4. N. Y. (Tel. STilwell 4-5900) Purch. Agent: Jack Grosswald
MF, GS, GE, CO, TS, TR ENDICOTT FORGING & MFG. CO., INC.	154 Nassau St., New York 38, N. Y. (Tel. Digby 9-2470)  Head-Purch. Dept.: D. Nicolitch	V. PPurch.: Leonard D. Kiechel MF, PS, GE, CO, TS, TR
1901 North St., Endicott, N. Y. (Tel. 5-3331) Gen. Sales Mgr.: A. L. Coleman	Head-Sales: Peter Letica GS, GE, TS, TR	Rt. 7-G, Kent, Conn. (Tel. WAlker 7-3278) CO, TS
MF, WN, PS	WALDMAN & SONS	EXACT ENGRG. & MFG. INC.
Fellowship Rd. & Rt. 73, Maple Shade, N. J. (Tel. NOrmandy 3-1700) Purch.: M. A. Rudner	133 Coit St., Irvington, N. J. (Tel. ESsex 5-6000) Purch. Agent: Edward Sagerman MF, WN, PS, GE	2375 Canyon Dr., P. O. Box 668, Ocean- side, Calif. (Tel. SAratoga 2-8503) Purch. Agent: Frank Pendleton Sales Mgr.: Frank J. Berberich
Sales: V. F. Hart MF, WN, PS, GH, GE, TS	EPSCO INC. 588 Commonwealth Ave., Boston 15, Mass.	WN, PS, GS, GH, GE, CO, TS, TR EXACTO INDUSTRIES, INC.
ENGELBERG HULLER CO., INC. 831 W. Fayette St. Syracuse 4, N. Y. (Tel. GR 8-3195) Purch. Agent: A. Vespa	(Tel. COpley 7-8100)  Purch. Dir.: George R. Herring  Buyer: Robert R. Doucette	8730-36 Santa Monica Blvd., Los Angeles 46, Calif. (Tel. OLeander 5-7470) Pres.: Jackson P. Horning
MF, PS, GS, TS, GE	Expediter: Richard A. Nichols GS, GE, CO, TS, TR	Sales: Mildred Bernard MF EX-CELL-O CORP.
ENGELHARD INDUSTRIES INC., D. E. MAKEPEACE DIV. Pine & Dunham Sts., Attleboro, Mass. (Tel. 2-0089)	ERASER CO., INC., THE 1068 S. Clinton St., Syracuse 4, N. Y. (Tel. GR 6-7441)	1200 Oakman Blvd., Detroit 32, Mich. (Tel. TOwnsend 8-3900) DirPurch.: F. D. Sicklesteel
Purch. Agent-Main Div.: George Aucoin Purch. Agent-Slip Ring Assm. Div.: Everett Hall	Purch. Agent: Joseph F. Muhl  ERDCO ENGRG. CORP.  Addison, III. (Tel. KIngswood 3-6733)	Purch. Agent: F. Grimm V. PIndust. Sales: D. H. McIver MF, PS, GS, GE
V. PSales: W. F. Mittendorf MF, WN, PS, GE, TS, TR	Purch. Agent: William E. Huntsha Sales Mgr.: Milton H. Goemann PS	EXCELSIOR LEATHER WASHER MFG. CO. INC.
ENGINEERED MAGNETICS, DIV GULTON INDUSTRIES, INC. 13030 Cerise Ave., Hawthorne, Calif. (Tel.	ERIE RESISTOR CORP. 644 Wizth, Erie, Pa. (Tel. 2-1481)	720-730 Chestnut St., Rockford, III. (Tel. 8-2203) Treas.: W. E. Duclon MF, PS
ORegon 8-7608)  Purch. Agent: Don Wills	Purch. Agent: George T. Griswold Buyer-Equip.: Roger Lusk Buyer-Electronics Div.: Paul Harkness	EXECUTONE, INC. 415 Lexington Ave., New York 17, N. Y.
Buyer: Art Corralos PS, GS, GE, TR ENGINEERED PLASTICS, INC. Chase St., Gibsonville, N. C. (Tel. 2411)	Buyer-Electromechanical Div.: Carol Mikoda Buyer-Plastics Div.: Edward Torok V. PMktg.: Allen K. Shenk	(Tel. MUrray Hill 7-7440)  Purch. Agent: Bernard Loew, 47-37 Austell Place, Long Island City I, N. Y. (Tel.
Purch. Agent: C. V. Long, Jr. Sales Mgr.: C. H. Phillips	MF, WN, PS, GS, GE, CO, TS, TR ERIEZ MFG. CO.	RAvenswood 9-7031) Natl. Sales Mgr.: Ed 8rody GS, GE, TR
MF, PS, GE, TR ENGINEERED PRODUCTS CO., THE 129 Smith St., Flint, Mich. (Tel. CE 9-8689) Purch. Agent: S. G. Both	1945 Grove Dr., Erie, Pa. (Tel. 4-0133) Purch. Agent: G. A. Amidon Mktg. Mgr.: R. A. Roosevelt GS, GH, TS	*EXIDE INDUSTRIAL DIVTHE ELECTRIC STORAGE BAT- TERY CO.
Sales Mgr.: H. Scott MF, WN, PS, GS, GH, GE	ERWOOD INC. 1770 W. Berteau Ave., Chicago 13, III.	42 S. 15th St., Philadelphia 2, Pa. (Tel. LOcust 4-4030)
ENGRG. CORP. OF AMERICA 5111 Santa Monica Blvd., Hollywood 29, Calif. (Tel. NOrmandy 4-1961)	(Tel. Bittersweet 8-0622) Purch. Agent: E. L. Grant PS, GS, GE, TS, TR	Purch. Agent: H. S. Stevenson Sales: C. J. Moore GS, GH, GE, TS  *(See advertisement in this issue)
Purch. Agent & Head-Sales: Vernon W. Haas ENGRG. DEVELOPMENTS, INC.	ESCAMBIA CHEMICAL CORP. 261 Madison Ave., New York 16, N. Y. (Tel. OX 7-4315)	EYELET TOOL CO. INC. 236 Broadway, Cambridge, Mass. (Tel. ELliot 4-4492) MF, GS, TS
P. O. Box 149, Newport, R. I. (Tel. Viking 6-9100) Purch. Agent: Dana Mulholland	Purch. Agent: G. F. Jones, P. O. Box 467, Pensacola, Fla. (Tel. Milton, Fla.—2293) Pres.: R. U. Haslanger PS	FABRICATED STEEL SERVICE, INC. 2400 Laurel Canyon Blvd., N. Hollywood, Calif. (Tel. ST 7-1508)
Sales Mgr.: E. J. Lass ENGIS EQUIPMENT CO. 431 S. Dearborn St., Chicago 5, III. (Tel.	ess instrument co. 96 S. Washington Ave., Bergenfield, N. J. (Tel. DUmont 4-3411)	Gen. Mgr.: E. M. Waite Chief Estimator: William Whiteman Sales Mgr.: E. U. Davis MF, GS, GH
HArrison 7-3223) Purch. Dept.: Mrs. C. L. Morton V. P.: E. J. Schneider	Purch. Agent: H. Sarube V. PPurch.: R. W. Heimsoth Sales Mgr.: Eugene Ross	FAIRBANKS CO., THE 393 Lafayette St., New York 3, N. Y. (Tel. SPring 7-8800)
GS, GE, CO, TS, TR	PS, GH, CO, TS, TR	V. PSales: E. T. Flanagan GS

SHERMAN FAIRCHILD & ASSOC. INC. 580 Midland Ave., Yonkers, N. Y. (Tel. GReenleaf 6-0201)

Purch. Agent: John Hawes
Sales: Robert D. Shoborg TS, TR FAIRCHILD CAMERA & INSTRUMENT CORP., INDUSTRIAL CAMERA DIV. 5 Aerial Way, Syosset, N. Y. (Tel. WElls 1-4500) Purch. Agent: Wm. Crocker CO, TS, TR Mktg. Mgr.: C. Cherry FAIRCHILD CONTROLS CORP., COM-PONENTS DIV. 225 Park Ave., Hicksville, L. I., N. Y. (Tel. WElls B-5600) Dir.-Purch .: R. August Purch. Agent: R. Crockett, 6111 E. Washington Blvd., Los Angeles, Calif. (Tel. RAymond 3,5191) Mktg. Mgr.: A. A. Budde
PS, GE, CO, TS, TR FAIRCHILD GUIDED MISSILES DIV., FAIR-CHILD ENGINE & AIRPLANE CORP.
Wyandanch, L. I., N. Y. (Tel. Midland 3-7171) Gen. Mgr.: Grayson Merrill Contracts Mgr.: A. W. Doherty MF, GS FAIRFIELD ENGRG. CO., THE 324 Barnhart, Marion, O. (Tel. 2-2117) Purch. Agent: H. M. Geyer V. P.-Sales: W. R. Reichenstein FAIRFIELD ENGINEERING CORP. 934 Hope St., Springdale, Conn. (Tel. DAvis 5-1561) Sales Mgr.: Michael A. Portanova PS, GS, GH, GE, CO, TS, TR FALSTROM CO. 75 Falstrom Ct., Passaic, N. J. (Tel. PRescott 7-0013) Purch, Agent: P. W. Kievit Asst. Purch. Agent: R. L. Chapman Sales & Adv. Mgr.: R. E. Hill MF, PS, GS, GH, GE FANSTEEL METALLURGICAL CORP. North Chicago, III. (Tel. DExter 6-4900) Dir.-Purch.: J. A. Teece Purch. Agent: G. E. Powell Buyers: L. W. Carter, W. Laser & E. A. Weidman Asst. Purch. Agent: G. Conner MF, WN, PS, GS, GH, GE, CO, TS, TR FARNSWORTH ELECTRONICS CO., DIV-INT'L TELEPHONE & TELEGRAPH CORP. Ft. Wayne, Ind. (Tel. EAstbrook 7571) Dir.-Purch.: R. H. Hauser Sales: N. S. Underhill RE JOHN E. FAST & CO. 3526 N. Kedzie Ave., Chicago 18, III. (Tel. JUniper 8-2715) Purch. Agent: J. B. Kelly Buyer: Harry Janiak GE, TR FAULTLESS CASTER CORP. 1521 N. Garvin St., Evansville 7, Ind. (Tel. HArrison 5-9041) V. P.-Purch.: Elmer H. Noelting Purch. Agent, Parts: Roy C. Lockyear Purch. Agent, Raw Materials: Richard S. Exec. V. P.-Sales: Clarence B. Noelting J. W. FECKER, INC., SUB.-AMERICAN OPTICAL CO. 6592 Hamilton Ave., Pittsburgh 6, Pa. (Tel. EM 1-7617) Pruch. Agent: Burt Demarco
Prod. Control Supvr.: Robert H. Vatz
Prod. Supvr.: Robert Kraus
Chief Engr.: Paul T. Kaestner

Proj. Engr.: James Colker

Pres.: Joseph Kalla

GS, GH, GE, CO, TS, TR

FENWAL INC. 5-6111) Purch. Agent: P. C. Pope

FEDERAL BEARINGS CO. INC., THE Fairview Ave., Poughkeepsie, N. Y. (Tel. GL 2.6000) PS. GS. GE FEDERAL MACHINE CO. INC. B41 Garfield Ave., Jersey City, N. J. (Tel. Henderson 5-1500) Purch, Agent: H. Shapiro Pres.: Harold H. Butler FEDERAL MACHINE TOOL CO. 626 Dorchester Ave., South Boston 27, Mass. (Tel. ANdrew 8-B3B0) Purch. Agent: George W. Kenty Sales Mgr.: John Garrity FEDERAL METAL HOSE CORP. 277 Military Rd., Buffalo 7, N. Y. (Tel. DE 4893) MF, PS, GS FEDERAL PRODUCTS CORP. 1144 Eddy St., Providence I, R. I. (Tel. STuart I-9300) Asst. Adv. Mgr.: G. H. Wilson FEDERAL SCREW PRODUCTS INC. 3917 N. Kedzie Ave., Chicago IB, III. (Tel. IRving B-5744) Purch. Agent: Ted Eisman Sales Mgr.: L. L. Harris MF, WN, PS, GS, GH, GE FEDERAL SHOCK MOUNT DIV.-THE KOR-FUND CO. 1060 Washington Ave., New York 56, N. Y. (Tel. WYandotte 3-0400) Purch. Agent: S. Kamin Sales Mgr.: J. I. Hammond MF, PS, GE FEDERAL TELEPHONE & RADIO CO. 100 Kingsland Rd., Clifton, N. J. (Tel. NUtley 2-3600)

Purch. Mgr.: H. P. Sommerer
V. P.-Sales: T. M. Douglas FEEDBACK CONTROLS, INC. B99 Main St., Waltham 54, Mass. (Tel. TWinbrook 4-1020) Purch. Agent: Stanley W. Block Sales Mgr.: John J. Fernsler GE, CO, TS, TR FEILER ENGRG. & MFG. CO. B026 N. Monticello Ave., Skokie, III. (COrnelia 7-8280) Purch. Agent: G. Wolf Asst. Purch. Agent: L. Freedman Sales Mgr.: Elwood Talan FENSKE FEDRICK & MILLER INC. 12820 Panama St., Los Angeles 66, Calif. (Tel. TExas 0-6041) Dir.-Materiel: D. McCullough V. P.-Sales: J. R. Fedrick Purch. Suprvsr.: F. Stockwell V. P.-Sales: J. M. Storkerson

GS, GE, CO, TS, TR Pleasant St., Ashland, Mass. (Tel. I Rinity Purch. Agent: J. R. Keough Buyers: J. M. Nichols & J. Mahoney MF, WN, PS, GS, GE, CO, TS, TR FERRANTI ELECTRIC INC. 30 Rockefeller Plaza, New York 20, N. Y. (Tel. Circle 7-0911)

GS, GE, TS, TR L. W. FERDINAND & CO., INC. 2300 Washington St., Newton Lower Falls 62, Mass. (Tel. DEcatur 2-5307) Head-Purch. Dept.: Miss E. K. Mahan

FERRIS INSTRUMENT CO. 110 Cornelia St., Boonton, N. J. (Tel. DE Head-Purch. Dept.: Harold E. Barnes PS, GS, GE, TR

FERROXCUBE CORP. OF AMERICA 129 E. Bridge St., Saugerties, N. Y. (Tel. CHerry 6-28111 Purch. Agent: H. Martin Sales Adm.: W. J. Crosby

MF, PS, GS

1633 N. Halsted St., Chicago 14, Ill. (Tel. MOhawk 4-3515) Purch. Agent: W. Stanton Martin

FIDELITY AMPLIFIER CO.

FIDELITY CHEMICAL PRODUCTS CORP. 470 Frelinghuysen Ave., Newark 12 N. J. (Tel. BR 2-4110) Gen. Mgr.-Purch.: Maurice Bick Head-Sales: S. B. Lonyai
MF, WN, PS, GS, GH, TR

FIDELITY INSTRUMENT CORP. Purch. Agent: George Dietz V. P.-Sales: R. P. Nick GS, GE GS, GE

FILMOHM CORP.

4B W. 25th St., New York 10, N. Y. (Tel. WAtkins 4-9240) Purch. Agent: Bob Latin Buyer: M. Rosten V. P.-Sales: J. N. Popper GE, TS, TR

FILTORS, INC. 30 Sagamore Hill Dr., Port Washington, N. Y. (Tel. 7-8220) Purch. Dir.: Dominic Bochicchio GE, TR

FILTRON CO., INC. 131-15 Fowler Ave., Flushing, N. Y. (Tel. Hickory 5-7000) Purch .: R. Price & L. Kerestury Gen. Sales Mgr.: Samuel I. Perry

FINE ORGANICS, INC. 211 E. 19th St., New York 3, N. Y. (Tel. GRamercy 5-1030) Purch. Agent: Miss Agnes Guidice Asst. to the Pres.: Emanuel Rosenblat

FINN AERONAUTICAL DIV., T. R. FINN & CO., INC.
275 Goffle Rd., Hawthorne, N. J. (Tel. HA 7-7123)
Purch. Engr.: T. B. Malloy
Asst. Purch. Engr.: Robert Price
MF PS GE. CO., TS

MF, PS, GE, CO, TS

FIRESTONE TIRE & RUBBER CO., THE, GUIDED MISSILE DIV. 2525 Firestone Blvd., Los Angeles 54, Calif. (Tel. LUdlow 3-4411) Purch. Agent-Coast Div.: J. D. Esterly

Mgr., Purch. Dept.-Guided Missile Div.: N. H. Peterson Sales Engr.: F. W. Thompson

\*FIREWEL CO., INC., THE
3685 Broadway, Buffalo 25, N. Y. (Tel.
REgent 0440) Purch. Agent .: A. DiMiceli Buyer-Expediter: S. Mazurkiewicz Buyers: R. Salzman & R. Langhans V. P.-Aviation Products: John C. Goodell

★(See advertisement in this issue)

CODING Missile Frame MF Warhead & Nose Cone WN Propulsion System PS Ground Support GS Ground Handling GH GE Guidance Equipment CO Check-out Equipment **Test Equipment** TS Tracking & Telemetering TR

Research & Development

# . . . purchasing directory fir—gen

FIRST ELECTRONICS CORP., THE

117 Blue Hill Ave., Boston 19, Mass. (Tel. HI 5-1810)

Purch. Agent: W. Allen MF, PS, GS, GH, GE, CO, TS, TR

FIRTH STERLING INC.

3113 Forbes, Pittsburgh, Pa. (Tel. MUseum 2-46001

Purch. Agent: Harry K. Stern, McKeesport Pa. (Tel. HOmestead 1-4776)

Asst. Purch. Agent: George L. Miller, Mc-Keesport, Pa.

V. P.-Sales: Thomas G. Barnes

MF, WN, PS, GS

FISHER RESEARCH LAB., INC. 1961 University Ave., Palo Alto, Calif. (Tel. DAvenport 2-4646)

Purch. Agent: James G. Rafferty Sales Mgr.: E. A. Feichtmeir

FISCHER & PORTER CO.

6 Warminster Rd., Hatboro, Pa. (Tel. OSborne 5-6000)

Purch. Agent: Daniel Steelman V. P .- Sales: Robert L. Rice MF, PS, GS, GH, GE, CO, TS, TR

FLEXAUST CO., THE

New York, N. Y. (Tel.

100 Park Ave., New York, N. Y. (Tel. ORegon 9-1300) Supt.-Purch.: T. Burbank, Chestnut St., Amesbury, Mass. (Tel. 1396) Sales Mgr.: T. G. May P5, GS, GH

FLEXIBLE METAL HOSE MFG. CO.

777 W. 16th St., Costa Mesa, Calif. (Tel. Liberty 8-6252) Pres.: Elton Hallett

MF, PS, GS, GH, GE

FLEXONICS CORP.

1414 S. Third St., Maywood, III. (Tel. FIIImore 3-8000)

Purch. Agent: M. D. Thackaberry V. P.-Sales: T. K. Wells MI MF, PS, GS

FLEXROCK CO.

3609 Filbert St., Philadelphia, Pa. (Tel. BAring 2-5500) Mech. Engr.-Purch .: H. Schmidt

Sales Mgr.: H. Himbert ME PS

\*FLIGHT RESEARCH, INC.

P. O. Box I-F. Richmond I, Va. (Tel. REpublic 7-4163) Purch. Agent: Wm. J. Waymack, Jr. V. P. & Gen. Mgr.: Wm. T. Curdts, III
Sales Mgr.: John C. Pennock
WN, PS, GS, GH, GE, TS, TR
\*(5ee advertisement in this issue)

FLOCK PROCESS CO. INC.

375 Main Ave., Norwalk, Conn. (Tel. VIctor 7-4586)

Head-Purch. Dept.: R. J. Leff Head-Sales: H. A. Leff

MF, PS, GS, TS, TR

FLOW CORP.

85 Mystic St., Arlington 74, Mass. (Tel. Mission 8-3185) Admin. Asst.-Purch.: R. J. McIlveen Mgr.-Sales: H. P. Grant

JOHN FLUKE MFG. CO., INC.

IIII W. Nickerson St., Seattle 99, Wash. (Tel. AT 2-5700)

Plant Mgr.: R. M. Nicholas Sales Mgr.: Robert E. Florence

GS, GE, CO, TS, TR

FLUOROCARBON CO. INC., THE

1206 E. Ash Ave., Fullerton, Calif. (Tel. MAdison 6-2933) Purch. Agent: J. L. Kreitz Sales Mgr.: Sandy Poteet

MF, WN, P5, GS

FLUSH WALL RADIO CO.

1012 Cleveland St., Clearwater, Fla. (Tel. 34-6061)

Pres.: L. Ř. Schenck

FOOD MACHINERY & CHEMICAL CORP. 161 E. 42nd St., New York 17, N. Y. (Tel. MUrray Hill 7-7400)

Purch. Dir.-Chemical Divs.: J. A. Mooney

FOOD MACHINERY & CHEMICAL CORP., ORDNANCE DIV.

1105 Coleman Ave., San Jose, Calif. (Tel. CYpress 4-8124)

Procurement Mgr.: H. L. Hall Purch. Agent: H. V. Rogers Asst. Purch. Agent: F. P. Gorentz Sales: H. R. Hammond

MF, PS, GS, GH, CO, TS

FOOTE BROTHERS GEAR & MACHINE CORP.

4545 S. Western Blvd., Chicago 9, Ill. (Tel. VIrginia 7-4200)

V. P.-Purch .: E. A. Johnson

V. P.-Sales, Precision Div.: I. C. Maust MF, WN, PS, GS, GE, TS, TR

FOOTE MINERAL CO.

(Tel. Victor 8-4000) Dir.-Purch: W. M. Raynor Asst. Dir.-Purch.: W. J. Brooking Purch. Agent: H. H. Apgar

Gen. Sales Mgr.: James Fentress

GEORGE F. FORBES, INDUSTRIAL MATHE-MATICIAN, PUBLISHER

10117 Bartee Ave., Pacoima, Calif. (Tel. EM 9-2132) Publisher: George F. Forbes

M. A. FORD MFG. CO., INC. 1545 Rockingham St., Davenport, Iowa (Tel. 2-32511

Secy.: Stanley Hill Sales Mgr.: L. E. Schumann GS

FORD INSTRUMENT CO., DIV .-SPERRY RAND CORP.

31-10 Thomson Ave., Long Island City I, N. Y. (Tel. STillwell 4-9000) Dir.-Procurement: C. Arcularius

V. P.-Sales: A. L. Coulson WN, GS, GE

FOREMAN MFG. CO. 5353 S. State St., Chicago 9, III. (Tel. OAkland 4-3606) MF, PS, G5

FORMSPRAG CO.

23601 Hoover Rd., Warren (Detroit), Mich. (Tel. JEfferson 6-5100) Purch. Agent: E. D. Mackie

Buyer: R. F. Agnelly V. P .- Sales: Charles F. Trapp, Jr.

FORT HILL PLASTIC LETTERS CORP.

Hanover St., Boston 8, Mass. (Tel. Richmond 2-2570) V. P.: Oswald W. Gregson

FORT WAYNE METALS, INC.

3211 MacArthur Dr., Ft. Wayne, Ind. (Tel. HArrison 3267) Comptroller: Frank B. Didier MF, PS

FOUR WHEEL DRIVE AUTO CO., THE 105 E. 12th St., Clintonville, Wisc. (Tel. 2241)

Dir.-Purch.: Lloyd Pinkowsky Asst. Dir.-Purch .: Leroy Hughes Mgr.-Ground Support Equip. Div.: Wesley H. Peters

THOMAS T. FOX CO.

95 Summit St., Newark, N. J. (Tel. Mitchell 2-43231 Purch.: Michael Fisher & S. Fresco

GE, CO, TS

FRAM CORP.

105 Pawtucket Ave.. Providence 16, R. I. (Tel. GEneva 4-7000) Dir.-Purch.: H. Keough V. P.-Sales: H. E. Robinson PS, GS

FRANKLIN FIBRE-LAMITEX CORP. E. 18th St.-on P.R.R. Siding, Wilmington, Del. (Tel. OL 8-5269) Purch.: A. R. Campbell

MF, WN, PS, G5, GE, T5, TR

FREEMAN CO., THE 8th & Walnut Sts., Yankton, S. Dak. (Tel. 2829)

Purch.: E. W. Freeman Dir.-Sales: S. H. Byquist MF, WN, PS, GS, GH, GE, TR

FRENCHTOWN PORCELAIN CO.

Harrison & 8th Sts., Frenchtown, N. J. (Tel. 480)

Prod. Development Engr.: C. L. Seversike Mgr.-Mktg. & Prod. Development: J. E. Comeforo

FRIEZ INSTRUMENT DIV.-BENDIX AVIA-TION CORP.

1400 Taylor Ave., Towson 4, Md. (Tel. VAlley 3-4040)

Purch. Agent: H. J. Grady Mgr.-Special Prods. Sales: R. B. Stevenson WN, PS, GS, GE, CO, TS, TR

FROMSON ORBAN CO., INC.

261 Madison Ave., New York 16. N. Y. (Tel MUrray Hill 7-0920) MF, PS MF, PS

\*FRUEHAUF TRAILER CO.

10940 Harper Ave., Detroit 32 Mich. (Tel. WAlnut 1-2410)
Dir.-Purch.: B. M. Kirsten

Mgr., Missile Prod. Div.-Sales: E. R. Neu-G5, GH mann

★(See advertisement in this issue)

FUGLE-MILLER LAB5. INC.
Central Ave., Clark, N. J. (Tel. FUlton 1-

Purch. Agent: F. L. Fugle, Jr. Purch. Agent: 1. 2. Miller
Sales Mgr.: Conrad Miller
GS, GE, TS, TR

FULTON-IRGON CORP., THE P. O. Box 591, Dover, N. J. (Te. FOxcroft 6-2940, Ext. 360)

Purch. Agent: R. J. Novotny Sales Mgr.: David Fulton

FURANE PLASTICS, INC.

4516 Brazil St. Los Angeles 39 Calif. (Tel. CHapman 5-5763) Purch.: J. Brecker

Sales: Pat B. Smith MF, WN, PS, TR FUSITE CORP.

6000 Fernview Ave., Cincinnati 13, O. (Tel. REdwood 1-2020)

Purch. Agent: J. Fox V. P.-Sales: J. H. Marsh, Jr. MF. PS. G5. GE

FUTURECRAFT CORP.
1717 N. Chico Ave., El Monte Calif. (Tel. CUmberland 3-2113)
Purch. Agent: Wesley Jones
Buyer: Claude Knight
Prod. Control: Clyde Swinehart

Supt.: Aage Hansen Chief Test Engr.: Richard Fewell Sales Mgr.: Robert Burke

MF, PS, GS, GE

G-L ELECTRONICS CO., INC. 2921 Admiral Wilson Blvd., Camden 5, N. J. (Tel. WOodlawn 6-2780)

Purch. Agent: Boyd F. Beatty PS, TR

Dir.-Sales: Stephen G. Lax

G-M LABS. INC. 4300 N. Knox Ave., Chicago 41, III. (Tel.

PEnsacola 6-1800) Purch. Agent: Irving M. Temen

Expeditor: Earl Keller Sales Mgr.: A. G. Bradt

GE, T5

ORDNANCE SYSTEMS DEPT.
3198 Chestnut St., Philadelphia, Pa. (Te EVergreen 2-7800) Purch.: C. Lane Sales: D. W. Goodin Purch. Agent: Samuel Giser Mgr.-Contract Purch.: L. E. Bradbury
Mgr.-Subcontract Purch.: K. N. Thompson
Mgr.-Fabrication Purch.: E. J. Keegan GE. TR MF, WN, PS Sales Mgr.: Strain Sutton GASKET, PACKING & SPECIALTY CO. INC. 41 N. Saxon Ave., Bay Shore, N. J. (Tel. 7-0298) G-V CONTROLS INC. Mgr.-Electronic Purch.: E. J. Reegan Mgr.-Electronic Purch.: F. A. Fanella Mgr.-Purch. Admin.: R. M. Kirchhofer Mgr.-Mktg.: R. M. Fritz WN, GS, GE 45 Hollywood Plaza, E. Orange, N. J. (Tel. ORange 3-4300) Purch. Agent: Andrew Young V. P.-Sales Mgr.: J. B. Lazarus MF, WN, PS, GE, TS, TR Gen. Sales Mgr.: Robert F. Stockton GE, TS, TR GENERAL ELECTRIC CO., MISSILE & ORDNANCE SYSTEMS DEPT.
Lakeside Ave., Burlington, Vt. (Tel. UNiversity 3-3411) MF, WN, PS, GS GABRIEL CO., RIEL CO., THE, GABRIEL ELECTRONICS DIV. GATES ELECTRONIC CO. 2090 Barnes Ave., New York 62, N. Y. 135 Crescent Rd., Needham Heights 94, Mass. (Tel. Hillcrest 4-0005) (Tel. TYrone 2-6490) Purch .: J. Phillips GENERAL ELECTRIC CO.-WIRE & CABLE & CONDUIT PRODUCTS DEPTS. Purch. Agent: A. Walker Purch, Agent: M. McGlaughlin Asst, Purch. Agent: M. McGlaughlin Dir.-Engrg. & Sales: Steven Galagan WN, GS, GH, GE, TR Sales Engr.: I. Regan TS, TR GATKE CORP. 1285 Boston Ave., Bridgeport, Conn. (Tel. 248 N. LaSalle St., Chicago I, III. (Tel. STate 2-0081) EDison 4-1012) GAERTNER SCIENTIFIC CORP., THE GENERAL ELECTRONIC LABS., INC. Purch. Agent: W. R. Berngen Buyer: J. Call 1262 Wrightwood Ave., Chicago I4, III. (Tel. BUckingham I-5335) Purch. Agent: L. V. Mosbarger Sales Mgr.: Lyman W. Higgins MF, PS, GS, GH, GE, CO, TS, TR 18 Ames St., Cambridge, Mass. (Tel. UNiversity 4-8500) V. P.-Sales: F. T. Gatke MF, WN, PS Purch. Agent: A. Grogan Sales: R. T. Pritchard GEARTRONICS CORP.
50 Nashua St., W Woburn, Mass. (Tel. WOburn 2-0390) GENERAL ENGRG. LABORATORIES, AMERICAN MACHINE & W. Dobbins Purch. Agent: W. Dobbins Sales Mgr.: F. H. Kean MF, WN, PS, GS, GE, CO, TS, TR GAHAGAN INC. FOUNDRY CO.

II Bruce Pl., Greenwich, Conn. (Tel. NOrmandy 1-7400)
Mgr.: H. A. Quinn Waterman Ave., Esmond 17, R. I. (Tel. CEnterdale 1-4000) Purch. Agent: John Gilligan GEISLER LABS.
P. O. Box 252, Menlo Park, Calif. (Tel. GALLAND-HENNING NOPAK DIV. EMerson 8-4127) 2750 S. 31st St., Milwaukee 46, Wisc. (Tel. GENERAL FILTERS, INC. Purch. Agent: F. Geisler MItchell 5-6000) 43800 Grand River Ave., Novi, Mich. (Tel. GENERAL AUTOMATIC CORP. 12 Carlton Ave., Mountain View, N. J. (Tel. CLifford 6-2756) Fieldbrook 9-2481) Sales Prom. Mgr.: R. G. Patrick V. P.-Purch.: Roland A. Redner G. W. GALLOWAY CO. Pres.: Mrs. Grace Redner 220 S. Ist Ave., Arcadia, Calif. (Tel. RYan I-5676) Sales Mgr.: Mort D. Barron GENERAL FINDINGS & SUPPLY CO., IN-Purch. Agent: M. J. Carlow GENERAL CABLE CORP. DUSTRIAL DIV. Asst. Purch. Agent: W. McCormick V. P.-Sales: M. E. Tait 420 Lexington Ave., New York 17, N. Y. School & Pearl Sts., Attleboro, Mass. (Tel. (Tel. LExington 2-2920) ATtleboro I-1155) V. P.-Purch.: E. B. McGrew V. P.-Sales: H. G. Richardson Purch.: Tom Ireland GAMMONS-HOAGLAND CO., THE Mgr.-Sales: Gerald F. Tucci 395 Main St., Manchester, Conn. (Tel. MItchell 9-7343) MF, WN, PS, GS, GH, GE, CO, TS, TR MF, WN, PS, GE, TR GENERAL CEMENT MFG. CO., DIV .-GENERAL FIRE EXTINGUISHER CORP., Secy.: C. A. Hoaglund Treas.: D. I. Mitchell TEXTRON INC. 400 S. Wyman St., Rockford, III. (Tel. THE 25631 Little Mack, St. Clair Shores, Mich. (Tel. PRescott 6-8300) Factory Serv. Mgr.: G. F. Rushford 2-6695) GARDNER-DENVER CO. Purch. Agent: George Kampmeier Front St., Quincy, III. (Tel. BAldwin V. P.-Sales: R. D. Gawne 2-5400) Purch. Agent: Don Marion MF, WN, PS, GS, GH, GE Purch. Dir.: E. J. Maloney GENERAL GASKET INC. Gen. Sales Mgr.: G. W. Gutekunst GENERAL CERAMICS CORP. Keasbey, N. J. (Tel. VAlley 6-5100) Purch. Agent: E. R. Parsells Middletown, Conn. (Tel. Dlamond 6-6203) V. P.-Purch.: E. London GS, GH GARDE MFG. CO. V. P.-Sales: D. London Sales Mgr.: J. P. Manley Sales: C. Demurjian

MF, WN, PS, GS, GE, TS, TR MF, WN, PS, GE, TR MF, WN, PS, GE, TR GENERAL INSTRUMENT CORP., DEFENSE GENERAL CHEMICAL DIV., ALLIED CHEMICAL & DYE CORP.

40 Rector St., New York 6, N. Y. (Tel. HAnover 2-7300) PRODUCTS DIV. 65 Gouverneur St., Newark 4, N. J. (Tel. HUmboldt 5-2100) GARDNER LABORATORY, INC. P. O. Box 5728, Bethesda 14, 1Md. (Tel. OL 6-3600) Dir.-Purch.: J. Heimbruch Asst. to Corp. V. P.-Sales: Bert E. Smith GENERAL COMMUNICATION CO. 681 Beacon St., Boston 15, Mass, (Tel. COpley 7-6030) Head-Purch. Dept.: W. J. Furmage WN, PS, GS, GH, GE Head-Sales: Henry A. Gardner, Jr. Purch. Dir.: J. M. Orsillo GENERAL KINETICS, INC. 555 23rd St., S., Arlington 2, Va. (Tel. OTis 4-7555) Sales: J. B. Hamre GARRETT CORP., THE, AIR CRUISERS DIV. PS, GS, GH, GE, CO, TS, TR Purch. Agent: S. P. Vanderslice V. P.-Sales: W. L. Anderson Rt. 34, Wall Township, N. J. (Tel. MUtual GENERAL COMPONENTS INC. TS 1-3527) 225 E. 144th St., New York 51, N. Y. (Tel. MOtthaven 5-0740) Purch. Agent: J. V. Caputi Div. Mgr.-Sales: J. E. Callahan Purch. Agent: Michael Meola MF, PS Chief Engr.: Sal De lanni Sales Mgr.: Henry Meola MF, WN, PS, GS, GH, GE, TR CODING \*GARRETT CORP., THI SEARCH MFG. DIVS. THE, AIRE-Missile Frame MF Warhead & Nose Cone WN 9851 Sepulveda Blvd., Los Angeles 45, Calif. (Tel. OR 8-9211) GENERAL CONTROLS CO. Propulsion System PS 801 Allen Ave., Glendale I, Calif. (Tel. Victoria 9-2181) Purch. Mgr., AiResearch Mfg. Div., Los Ground Support GS Angeles: Budrick Schindler Ground Handling GH Mgr.-Purch. Dept.: M. J. Kouf Purch. Agent, AiResearch Mfg. Div., Sky Guidance Equipment GE Harbor Airport, Phoenix, Ariz.: Leslie H. Rhuart (Tel. BR 5-5431) Dir.-Proc., The Garrett Corp.: James B. GENERAL ELECTRIC CO., APPARATUS CO Check-out Equipment SALES DIV.

1 River Rd., Schenectady 5, N. Y. (Tel. Test Equipment TS

FRanklin 4-2211)
Mgr.-Aviation & Marine System Engrg.
Section: W. E. Jacobsen

GASKET MFG. CO. INC. 319 W. 17th St., Los Angeles 15, Calif. (Tel. Richmond 9-4063)

GENERAL ELECTRIC CO., MISSILE &

GPS INSTRUMENT CO., INC. 180 Needham St., Newton 64. Mass. (Tel. DEcatur 2-8110)

MF, WN, PS, GS, GH, GE, CO, TS, TR

★(See advertisement in this issue)

Tracking & Telemetering

Research & Development

purchasing directory	gen <b>—</b> hai	Angeles 22, Calif. (Tel. ANgeles 1-2183) Purch. & Sales: Jack Georgl
GENERAL LABORATORY ASSOCIATES, INC.	GENERAL TRANSISTOR WESTERN CORP. 6110 Venice Blvd., Los Angeles 34, Calif.	Purch.: Robert Relly & Kay Glen MF, WN, PS, GS, GE, TS, TR
17 E. Railroad St., Norwich, N. Y. (Tel. 4-3264)	(Tel. WEbster 3-5867) V. PEngrg.: Martin Braude	GOLDSMITH BROTHERS SMELTING & RE- FINING CO.
Purch. Agent: Harold H. Horton DirSales & Service: L. A. DeMellier	Prod. Mgr.: Hugh Aspinwall GE, TR GEORATOR CORP.	1300 W. 59th St., Chicago, III. (Tel. WAlbrook 5-3800)
PS GENERAL LOGISTICS, DIVAEROQUIP	Manassas, Va. (Tel. 565) Purch.: Raymon A. Prange	Sales Mgr.: A. G. Wahlen MF, WN, PS, GS, GE, CO, TS
CORP. P. O. Box 1071-M, 990 S. Fair Oaks Ave.,	Sales: Shelley Krasnow	JOHN GOMBOS CO., INC.
Pasadena, Calif. (Tel. RYan 1-2893)  Chief Purch. Agent: Tom Box	GERTSCH PRODUCTS INC. 3211 S. La Cienega Blvd., Los Angeles 16, Calif. (Tel. TExas 0-2761)	ESsex 3-6633) Buyer: J. M. Fuller
Sales Mgr.: R. Mosher GS, GH GENERAL MAGNETICS, INC.	Purch. Agent: Wm. R. Kuennen V. PSales: Sam F. Arn	Production Control Dept.: M. Levitch Methods Dept.: J. Marcelli
135 Bloomfield Ave., Bloomfield, N. J. (Tel. Pllgrim 8-2400)	GE, CO, TS, TR	Sales Mgr.: Harold J. Schatz GE, TS, TR
Raiph W. Froese PS, GE GENERAL NUCLEAR CORP.	GIBSON ELECTRIC CO. Box 559, Delmont, Pa. (Tel. HOward 8-7701)	GOOD-ALL ELECTRIC MFG. CO. 112 W. First St., Ogallala, Nebr. (Tel.
550 5th Ave., New York 34, N. Y. (Tel. PLaza 7-3638) Sales: D. Reynolds	Purch. Agent: Raymond C. Hannegan Buyer & Asst. Purch. Agent: Miss Addie Glaub	900) Purch. Agent: Frank Pincheon Asst. Purch. Agent: Donald Buell
WN, PS, GS, GH, GE, CO, TS, TR	Sales Mgr.: Frederick R. Farnham MF, PS, GE, TR	Sales Mgr.: E. M. Sheridan GS, GE, TR
GENERAL PHOTO PRODUCTS CO., INC. 15 Summit Ave., Chatham, N. J. (Tel. ME 5-5200) Mgr.: R. J. Paulas GS	FRED S. GICHNER IRON WORKS INC. 1214 24th St., N. W., Washington 7, D. C. (Tel. FEderal 3-6500)	B. F. GOODRICH AVIATION PRODUCTS 500 S. Main St., Akron, O. (Tel. BLackstone 3-1171)
GENERAL PLASTICS CORP. OF INDIANA	Pres.: Henry Gichner GH, TR	Gen. MgrSales: E. H. Fitch  B. F. GOODRICH INDUSTRIAL PRODUCTS
1400 N. Washington, Marion, Ind. (Tel. 4870) Pres.: Richard H. Erlewine	GILMORE INDUSTRIES INC.  5713 Euclid Ave., Cleveland 3, O. (Tel.  HE 2-2828)	CO. 500 S. Main St., Akron 18, O. (Tel. BLack-
GENERAL PLASTICS CORP. OF	Buyer: G. Algie GS, GH, GE, CO, TS	stone 3-1171) MF, WN, PS, GH, GE
NEW JERSEY 165 3rd Ave., Paterson, N. J. (Tel. ARmory 4-4710)	GIRDLER PROCESS EQUIP. DIV.,	GOODYEAR AIRCRAFT CORP. 1210 Massillon Rd., Akron 15, O. (Tel.
Purch. Agent: H. Barto Sales: E. W. Davidson	NATIONAL CYLINDER GAS CO. P. O. Box 43, Louisville I, Ky. Sales: Edwin Gray	REpublic 3-6361)  Purch. Agent: H. A. Delaney  MgrMaterial Purch.: A. L. Gravesmuehl
GENERAL PRECISION LAB. INC. 63 Bedford Rd., Pleasantville, N. Y. (Tel. ROgers 9-5000)	GITS BROTHERS MFG. CO. 1846 S. Kilbourn Ave., Chicago 23, III.	MgrSubcontract Purch.: W. R. Reed V. PSales: R. W. Richardson
Purch.: A. C. Schweiber Mgr., Avionic Sales: L. A. Smith Mgr., Ind. Sales: N. M. Marshall	(Tel. LAwndale 1-3554) Purch. Agent: Mr. Sherman Sales: R. W. Barz PS, GS, TS	GORDON ENTERPRISES 5362 N. Cahuenga Blvd., N. Hollywood, Calif. (Tel. POplar 6-3725) DirPurch.: D. M. Stern
GS, GE, TR GENERAL RADIO CO. 275 Massachusetts Ave., Cambridge 39,	GLADDING, McBEAN & CO. 2901 Los Feliz Blvd., Los Angeles 39, Calif. (Tel. NOrmandy 3-3361)	Sales Mgr.: G. W. Sutphin MF, WN, PS, GS, GH, GE, CO, TS, TR
Mass. (Tel. TRowbridge 6-4400)  Purch. Mgr.: Colby E. Kelly, 22 Baker Ave.,	Purch. Agent: Boyd Moon WN GLASSCO INSTRUMENT CO.	GORDOS CORP. 250 Glenwood Ave., Bloomfield, N. J. (Tel.
West Concord, Mass. (Tel. EMerson 9-4400, Ext. 202)	660 S. Fair Oaks Ave., Pasadena 2, Calif. (Tel. RYan I-8858)	Pllgrim 3-6800) Purch. Agent: T. R. Gutch GE, TS, TR
Sales Mgr.: Myron T. Smith GENERAL RAILWAY SIGNAL CO.	Factory Supt.: George Northrop V. PSales: C. W. Froude	GORMAN-RUPP CO., THE 305 Bowman St., Mansfield, Ohio (Tel.
P. O. Box 600, Rochester 2, N. Y. (Tel. Idlewood 6-2020)	PS, GE, CO, TS GLASSEAL PRODUCTS CO., INC.	LAtayette 4-4211) DirPurch.: C. R. Rupp Purch. Agent: F. R. Frederick
Purch. Agent: W. T. Naylon Asst. Purch. Agent: W. Downhill Buyers: T. M. Costello & C. B. Jones	IIII E. Elizabeth Ave., Linden, N. J. (Tel. HUnter 6-2067) Purch. Agent: K. McCloskey	Government Sales: R. E. Owens V. PSales: K. H. Cadigan GS, GH
V. PSales: P. W. Smith MF, WN, PS, GS, GH, GE, CO, TS, TR	Sales Mgr.: Alexander Anderson	GORRELL & GORRELL 336 Old Hook Rd., Westwood, N. J. (Tel.
GENERAL R-F FITTINGS, INC. 702 Beacon St., Boston 15, Mass. (Tel. KEnmore 6-2290)	P. O. Box 281, Hillsdale, Mich. (Tel. HE 7-4343)	NOrth 4-7757)  DirPurch.: John Gorrell  Plant MgrPurch.: Bert Bock
Purch. Dir.: Robert Hoff Asst. Purch. Dir.: Carol Weis	Harold K. Slade GH	Chief EngrPurch.: Orvis Scudder TS
V. PEngrg. & Sales: Owen L. Cook MF, PS, GS, GH, GE, CO, TS, TR	GLOBAR PLANT, REFRACTORIES DIVTHE CARBORUNDUM CO. Niagara Ealls, N. Y. (Tel. 5715)	GOSLIN ELECTRIC & MFG. CO. 2921 W. Olive Ave., Burbank, Calif. (Tel. Victoria 9-3025)
GENERAL SCIENTIFIC EQUIPMENT CO. 7516 Limekiln Pike, Philadelphia 50, Pa.	Sales Mgr.: D. S. Bowman GE, TR	Purch. Agent: A. M. Galbraith Buyers: E. B. Horell & A. J. Goslin, Jr.
(Tel. HAncock 4-1550)  Purch. Agent: J. Q. Kline  Head-Sales: M. Kline	GLOBE AUTOMATIC SPRINKLER CO. 2035 Washington Ave., Philadelphia 46, Pa. (Tel. PEnnypacker 5-4340)	PS, GS, GE, TS, TR GRAFLEX, INC.
PS, GS, GH, GE, CO, TS, TR GENERAL SOUND CONTROL, INC.	Purch. Agent: W. E. Webb Gen. Sales Mgr.: C. T. Mallory GS	3750 Monroe Ave., Rochester 3, N. Y. (Tel. LUdlow 6-2020)  DirProc.: Arthur Rutherford
6711 S. Sepulveda Blvd., Los Angeles 45, Calif. (Tel. ORegon 8-3724) Purch. Agent: Richard E. Sheranian	GLOBE INDUSTRIES, INC. 1784 Stanley Ave., Dayton, O. (Tel. BAldwin 2-3741)	Purch. Agent: C. J. Krembel Asst. Purch. Agent: J. C. Hart Contract Sales Mgr.: G. W. Lehman
Sales Mgr.: Richard S. Dryden GENERAL TRANSISTOR CORP.	Purch. Agent: John Trostle Purch.: Lester Zartman & Robert McRose Sales Mgr.: Yale J. Holt PS, GS, GE	GRAFO COLLOIDS CORP. 310 Wilkes Place, Sharon, Pa. (Tel. DI
91-27 138th Pl., Jamaica 35, N. Y. (Tel. Hlckory 1-1000) Purch. Agent: John Grillo TR	GOE ENGRG. CO.	Asst. SecyPurch.: D. M. Zarella Sales Mgr.: John P. Powers PS, GS
TR	219 S. Mednik Ave., P. O. Box 22004, Los	Jules Might John 1. Towers 13, G3

Box III, Redlands, Calif. (Tel. PYramid 3-2211) P. O. Box 188, Wheeling, III. {Tel. 1000} Purch. Agent: O. W. Carter, Jr. Environmental Sales: S. P. Voak Dir.-Materiel: H. L. Rodgers Buyer: R. Twydell Dir.-Purch.: I. Green
MF, WN, PS, GS, GH, GE, CO, TS, TR GS, TS Dir.-Customer Relations: K. E. Snelling GREENE, TWEED & CO. MF, PS, GS 340 Elm Ave., North Wales, Pa. (Tel. OXbow 9-4821) GUDEMAN CO., THE 340 W. Huron St., Chicago 10, III. (Tel. ★(See advertisement in this issue) V. P.: Walter S. Josephson Asst. Purch. Agent: Dorothy M. Segall Sales Mgr.: Walter J. Rooney DElaware 7-74001 GRANT GEAR WORKS, INC. Purch. Agent: Robert Eggersted V. P.-Sales: D. A. Fillmore 161 W. 2nd St., Boston, Mass. (Tel. AN GE, TS, TR 8-4408) Purch. Agent: J. F. Cromwell GUIDED MISSILE DIV.-DE HAVILLAND AIRCRAFT OF CANADA, LTD. Downsview, Ontario, Canada (Tel. MElrose GREENBRIER INSTRUMENTS INC. Sales & Adv. Mgr.: F. E. Emery Ronceverte, W. Va. (Tel. Mldway 7-4358)
Office Mgr.: R. L. Weikle
Sales: Dr. D. N. Campbell PS. GS \*GRANT PULLEY & HARDWARE 3-52301 CORP. High St., West Nyack, N. Y. (Tel. NYack 7-4400) PS, GS, CO, TS, TR Purch. Agent: S. M. Gilbert Asst. Purch. Agent: P. A. Hampson GREENFIELD TAP & DIE CORP. Sales & Research Engr.: D. B. Cannon PS, GS, GH, GE, CO, TS, TR Sanderson St., Greenfield, Mass. (Tel. PR Purch. Mgr.: Mrs. Kay Saller 3-3611) Sales: Jack Vissman Purch. Agent: Avery Bates Sales: W. J. Eberlein GULTON INDUSTRIES, INC. **★**(See advertisement in this issue) 212 Durham Ave., Metuchen, N. J. (Tel. \*GRAPHITE METALLIZING CORP. Liberty 8-2800) GREENLEAF MFG. CO., THOUSER INDUSTRIES INC. CO., THE, DIV.-MAN-1038 Nepperhan Ave., Yonkers, N. Y. (Tel. Purch. Agent: Julius Furchheimer Sales: Robert Cunha MF, WN, PS, GS, GE, CO, TS, TR 17814 Maplewood Industrial Ct., St. Louis
17, Mo. (Tel. STerling 1-9888)
Purch. Agent: Phillip Mahony, 111 Bemiston, Clayton, Mo. (Tel. VOlunteer 1-6258)
Buyer: Jack Rybolt, Clayton, Mo.
Field Engrg. Mgr.: Edwin W. Cowen
WN, PS, GS, GH, GE, CO, TS, TR YOnkers 8-8400) V. P .- Purch. & Factory Mgr.: Edward E. Williams Gen. Mgr.-Sales: Warren W. Walker
MF, WN, PS, GS, GE, CO, TS, TR

\*(See advertisement in this issue) GUNNAR LABORATORIES
2989 26th St., W., Bradenton, Fla. (Tel. 5-2751) Grad. Engr.-Purch.: Gunnar Knos GRASS-INSTRUMENT CO. 101 Old Colony Ave., Quincy 70, Mass. (Tel. PResident 3-0002) GS, TS, TR MF, PS, GE, TR \*GREER HYDRAULICS, INC. GWILLIAM CO., THE New York International Airport, Jamaica 30, N. Y. (Tel. OL 9-9700) Purch. Mgr.: Ralph Betschart GRAY CO., INC.
60 11th Ave., N. E., Minneapolis 13, Minn.
[Tel. FEderal 6-9331]
Purch. Agent: W. F. Bloedow
Asst. Purch. Agent: L. Wandel
Ind. Sales Mgr.: E. L. Niederloh
PS. GS 370 Furman St., Brooklyn I, N. Y. (Tel. MAin 4-2644) Furen. Mgr.: Kalph Betschaft
Gen. Sales Mgr.: Edward M. Greer
Sales Mgr.-Prod. Div.: Leonard Seman
Sales Mgr.-Test Equip. Div.: Larry Winston
MF. PS. GS. GH. CO. TS
\*(See advertisement in this issue) Head-Purch. Dept.: Johannes E. Howay PS, GE HACKENSACK CABLE CORP. 110 Orchard St., Hackensack, N. J. (Tel. HUbbard 7-1100) PS, GS V. P.-Sales: A. F. Brady, Jr. MF, PS, GS, GH, TS GRAY & HULEGUARD, INC. GREMCO, INC. P. O. Box 7115, 3535 N. Sylvania, Ft. Worth, Tex. (Tel. TErminal 4-2836)
Purch. Agent: A. Krsak
Sales Mgr.: J. D. Taliaferro 930 N. Hancock Ave., Los Angeles 46, Calif. (Tel. OLympia 2-6670) Purch. Agent: Dan Barmish Sales: H. V. Huleguard B. H. HADLEY, INC.
Garev, Pomona, Calif. (Tel. 1427 S. Garey, F LYcoming 9-5075) Purch. Agent: T. R. McCoun MF, WN, PS, GS, GE GS, GH, TS Dir.-Sales: Joe Petrali GRAY INSTRUMENT CO. GRIEVE-HENDRY CO., INC. 1401 W. Carroll Ave., Chicago, III. (Tel. TAylor 9-0200) MF, WN, PS, GS 202 E. Church Lane, Philadelphia 44, Pa. (Tel. GE 8-3168) HAGAN CHEMICALS & CONTROLS, INC. Treas.: Tom Mather Purch. Agent: A. L. Green Head-Sales: G. P. Grieve Hagan Bldg., Pittsburgh 30, Pa. (Tel. CO V. P.-Sales: A. R. Bechtel GS Purch. Agent: C. R. Texter GRAY & KUHN INC. JOHN GRIFFIN CO. Mechanical Equip. Buyer: Russell White 20 Railroad Ave., Roslyn Hts., N. Y. (Tel. MAyfair 1-7575) 2157 James Ave., St. Paul 5, Minn. (Tel. Sales: John Duesing Mldway 8-2810) J. P. Griffin MF, PS, GS, GE, CO, TS, TR John E. Gray HAHN & CLAY
5100 Clinton Dr., Houston, Tex. (Tel. GRAY MFG. CO., THE
16 Arbor, Hartford, Conn. (Tel. ADams GRIMES MFG. CO. 515 N. Russell St., Urbana, O. (Tel. 3-5221) ORchard 2-1671) 3-1271.) Purch. Agent: John Davis Dir.- Purch.: M. E. Cavagnac Purch. Agent: D. Vandercook Mgr.-Purch .: Billie Sommers Asst. Purch. Agent: Paul Roles V. P.-Sales: L. B. Moore V. P.-Purch .: Walter Clay Electrical Purch. Buyer: W. Allyn Buyer: N. Weldon Sales: N. S. Barnes GE, Co Gen. Mgr.-Fab. Steel: Lawrence F. Megow MF, GS, GE, CO, TS, TR V. P.-Sales: Gene Clay MF, WN, PS, GS GE, CO, TS, TR GRISCOM-RUSSELL CO., THE Massillon, Ohio (Tel. TE 2-7421) Dir.-Purch.: J. A. O'Neill HAINER VALVES, INC. GREAT EASTERN METAL PRODUCTS CO. Box 1851, 2919 Gardenia Ave., Long Beach I, Calif. (Tel. GArfield 7-5491) V. P.-Purch.: V. C. Zillgitt Sales Mgr.: C. P. Williamson 22 Woodworth Ave., Yonkers, N. Y. (Tel. Buyer: A. D. Miller 5-7555) Sales Engr.: L. H. Bradley Pres.: Lester Weinberg GS, GH, TR WN, PS, GS GREAT LAKES MFG. CORP. GROTNES MACHINE WORKS, INC. 4223 Monticello Blvd., Cleveland 21, Ohio 5454 N. Wolcott Ave., Chicago 40, III. (Tel. LOngbeach 1-7693) (Tel. EVergreen 2-5500) Purch. Agent: R. A. Swanson Buyer: S. E. Baginski CODING Purch. Agent: George C. Cuttner Sales Mgr.: J. F. Coleman Missile Frame MF Pres.: J. A. Kanuch Warhead & Nose Cone WN

GRUMMAN AIRCRAFT ENGINEERING

Bethpage, L. I., N. Y. (Tel. WElls 1-1550) Purch. Dir.: Joseph A. Stamm

GUARDIAN ELECTRIC MFG. CO.
1621 W. Walnut St., Chicago 12, Ill.
(Tel. CHesapeake 3-1100)
Purch. Agent: W. A. Rowell

Purch. Agent: VV. A. Nowell
Gen. Sales Mgr.: G. G. Rowell
GS, GE, CO, TS, TR

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1-10 30th St., Fairlawn, N. J. (Tel. SWarth-

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MARIETTA CO.

DIV. OF AMERICAN-

\*GRAND CENTRAL ROCKET CO.

MF, WN, PS, GS, GH, GE, TS

ARNOLD GREEN & CO., INC. 122 Hampshire St., Cambridge 39, Mass. (Tel. UNiversity 4-8800)

385 Putnam Ave., Cambridge 39, Mass. (Tel. ELiot 4-2989)

Purch. Agent: Lynd F. Tillyer Sales Mgr.: W. Franklin Fullerton

V. P.: Robert Halliday

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purchasing directory	hal — hof	*HARTFORD MACHINE SCREW CO., DIVSTANDARD SCREW
HALAX CORP.  17470 Shelbourne Way, Los Gatos, Calif. (Tel. ELgato 4-2720) Gen. Mgr.: Arthur E. Oltz PS, GE  HALLAMORE ELECTRONICS CO.  8352 Brookhurst Ave., Anaheim, Calif. (Tel. PRospect 4-1010)	HAMNER ELECTRONICS CO., INC. Route 546, Pennington-Lawrenceville Rd., Pennington, N. J. (Tel. PEnnington 7-1320) Purch. Agent: Edward J. Williams Pres.: Lloyd H. Hamner HAMPDEN BRASS & ALUMINUM CO.	Box 1440, Hartford 2, Conn. (Tel. JAckson 5-0321) Purch. Agent: D. T. Bacon Asst. Purch. Agent: M. R. Derrick Buyers: J. Braine & R. Mullowney Gen. Sales Mgr.: J. F. Miller MS, WN, PS, GS
Chief Purch. Agent: E. H. Welton Sr. Buyers-Electrical: James Wright & Gordon Helm Sr. Buyer-Mechanical: Fred Consiglio Buyer-Mechanical: William Young V. PContracts: John R. Frost MF, WN, PS, GS, GH, GE, CO, TS, TR	262 Liberty St., Springfield I, Mass. (Tel. REpublic 6-1808) Purch. Agent: Richard A. Wallace HANDY & HARMAN 82 Fulton St., New York 38, N. Y. (Tel. BEekman 3-2460) MF, WN, PS, GE, TR	*(See advertisement in this issue) *HARTMAN ELECTRICAL MFG. CO., THE 179 N. Diamond St., Mansfield, O. (Tel. LAfayette 4-1411) Purch. Agent: W. M. Locke
HALLER RAYMOND & BROWN INC. Circleville Rd., State College, Pa. (Tel. ADams 7-7611) Head-Purch.: Jim Smith MgrSales: L. D. Rexroat MF, WN, PS, GS, GE, CO, TS, TR	HANLON & WILSON CO., THE Pittsburgh 21, Pa. (Tel. PS 1-1250) Purch. Agent: H. Cleevely Chief Engr.: S. J. Hannon Sales Mgr.: W. G. Weil PS, GS, GH, GE HANSEN ELECTRONICS CO.	Asst. Purch. Agent: T. G. Roehm V. PSales & Engrg.: A. W. Hartman GS, GH, GE  * (See advertisement in this issue)  HARVEY ALUMINUM 19200 S. Western Ave., Torrance, Calif. (Tel. NEvada 6-2111)
HALLETT MFG. CO. 5910 Bowcroft St., Los Angeles 16. Calif. (Tel. TE 0-7094) MgrProc.: Robert D. Leeseman V. PSales: Stanley E. Estes MF, WN, PS, GS, GH, GE, CO, TS, TR HALLIKAINEN INSTRUMENTS	7117 Santa Monica Blvd., Los Angeles 46, Calif. (Tel. HO 9-3052) Gen. Mgr.: E. K. Stokes GE, TR HANSEN MFG. CO. INC. 1004 S. Hart St., Princeton, Ind. (Tel. FUlton 5-3415)	Purch.: Dorsey Smith  MF, PS, GS, GH  HASKEL ENGRG. & SUPPLY CO. 1236 S. Central Ave., Glendale 4, Calif. (Tel. CHapman 5-6811) Sales Mgr.: Raiph W. Moss
1341 7th St., Berkeley 10, Calif. (Tel. LAndscape 4-1757) Purch. Agent: W. C. Bagot V. P. & Sales Mgr.: E. F. Schimbor HALOGEN INSULATOR & SEAL CORP.	Treas.: A. C. Rothert PS, GE HANSON-GORRILL-BRIAN, INC. 85 Hazel St., Glen Cove, N. Y. (Tel. GL 4-7300) Purch. Agent: J. S. Truesdell Sales Mgr.: W. K. Burlingame	PS, GS, GH, TS  JOHN HASSALL, INC.  Box 2179, Westbury, L, I., N. Y. (Tel. EDgewood 4-6200)  Purch.: W. W. Smith
9950 Pacific Ave., Franklin Park, III. (Tel. GLadstone 5-9000) Purch. Agent: Walter Lucas Buyer: L. Oleksy Head-Sales: H. L. Asp MF, PS	GE, CO, TS, TR HARBISON-WALKER REFRACTORIES CO. 307 Fifth Ave., Pittsburgh 22, Pa. (Tel. ATlantic I.0942) Gen. Purch. Agent: E. L. O'Meara, Jr.	Sales: E. F. Karnes MF, WN, GS HASTINGS PLASTICS INC. Santa Monica. Calif. MF, WN, PS, GS, GH, GE, TR *HAWS DRINKING FAUCET CO.
HAMILTON KENT MFG. CO. 427 W. Grant, Kent, O. (Tel. ORchard 3-9SSS) DirPurch.: David Green Pres. & Sales Mgr.: T. S. Rowe MF, PS, TR	V. PSales: C. A. Brashares GS  HARCO LABS., INC. 79 Olive St., New Haven, Conn. (Tel. SPruce 7-S3SI)  Purch. Agent: M. M. Gagliardi  MF, PS, GS, GH, GE, CO, TS	4th & Page Sts., Berkeley 10, Calif. (Tel. LAndscape S-3341) Gen. Mgr.: J. E. Traynor Sales Mgr.: T. R. Haws ★(See advertisement in this issue)
HAMILTON WATCH CO. Columbia Ave., Lancaster, Pa. (Tel. EX 4-7161) Purch. Agent: C. S. Reese Asst. Purch. Agent: J. H. Leaman DirSales: H. S. Tholen	HARMAN EQUIPMENT CO. 360S E. Olympic Blvd., Los Angeles 23, Calif. (Tel. ANgeles 1.4113) Office Mgr.: F. Van Zant Chief Engr.: C. V. Wilson	*A. W. HAYDON CO., THE  231-D N. Elm St., Waterbury, Conn. (Tel. PLaza 6-4481)  Purch. Agent: Roy E. Ahlberg  Purch. Dept.: Fred. Lawton & John Frederick
HAMILTON WATCH CO., HATHAWAY INSTRUMENT DIV. S800 E. Jewell, Denver 22, Colo. (Tel. SKyline 6-8301) Buyer: F. J. Knafele	PS, GS, GH, TS  HARMON, LICHTENSTEIN & CO. 26 Broadway, New York, N. Y. (Tel. HAnover 2-8395)  Head-Sales: R. B. Harmon  MF, WN, PS, GE, TR	Sales Mgr.: R. J. Harrant WN, PS, GS, GH, GE, CO, TS, TR  *(See advertisement in this issue)  HAYDON DIVGENERAL TIME CORP. 1000 E. Elm St., Torrington, Conn. (Tel.
Asst. Buyer: A. Wilner Sales Mgr.: R. A. Miller GE, TS HAMILTON WATCH CO., MILITARY PRODUCTS DIV. Lancaster, Pa. (Tel. EXpress 4-7161)	HARPER-LEADER, INC. 1046 S. Main St., Waterbury 20, Conn. (Tel. PLaza 6-8164) SecyTreas.: I. Cross MF, WN, PS, GE, TR	HUnter 9-3158) Purch. Agent: H. L. Sheridan Buyer: J. E. Nicholas Sales Mgr.: H. L. Reycroft, Jr. PS, GE, CO, TS, TR
Purch. Agent: Clarence S. Reese Asst. Purch. Agent: J. H. Leaman MgrCustomer Engrg. Military Prods. Div.: George F. Roberts MF, WN, PS, GS, GE, CO, TS, TR	HARRIS REFRIGERATION CO. 308 River St., Cambridge 39, Mass. (Tel. UNiversity 4-4000) Sales Engr.: Charles W. J. Harris TS	HAYDON SWITCH, INC. 536 S. Leonard St., Waterbury, Conn. (Tel. PLaza 6-7441) Purch. Agent: John J. Leugminas Sales Mgr.: Arthur N. Milliken GE
HAMLIN, INC. 1316 Sherman Ave., Evanston, III. (Tel. GReenleaf 5-8244) Chief EngrPurch.: Arnold P. Darsch GE HAMMEL-DAHL, DIVGENERAL CON-	HARRISBURG STEEL CO. Herr St., Harrisburg, Pa. (Tel. CEdar 4-8021) DirPurch.: Lee Muth V. PSales: H. M. Reeser MF, WN, PS, GS, GH	C. I. HAYES, INC.  800 Wellington Ave., Cranston 10, R. I.  (Tel. HOpkins 1-3400)  Purch. Agent: Ray C. Arnold  Gen. Sales Mgr.: James R. Elliott
TROLS Warwick Industrial Pk., Providence S. R. I. (Tel. STuart 1-6200) Purch. Agent: Forrest Brown Sales: John R. Curran PS, GS	HART MFG. CO., THE 147 Bartholomew Ave., Hartford I, Conn. (Tel. JAckson S-3491) Purch. Agent: R. W. James V. PSales: J. F. Dreier GE	HAYNES STELLITE CO.,-DIVUNION CARBIDE CORP. 72S S. Lindsay St., Kokomo, Ind. (Tel. GLadstone 2-5421) Purch. Agent: J. H. Wallsmith
HAMMETT ELECTRIC CO. 2311 Tauromee Ave., Kansas City S9, Kans. {Tel. ATwater 1-6501} DirPurch.: Alvin H. St. Clair MF. WN, PS, GS, GH, GE, CO, TS, TR	HART METAL PRODUCTS CORP. 3333 Hammond Ave., Elkhart, Ind. (Tel. 2-5510) Purch. Agent: Pliny Bennett Aircraft Sales: N. C. Cunningham MF	Asst. Purch. Agent: M. E. Jenkins Asst. to Purch. Agent: C. J. Delton Abrasives Engr.: R. S. Rees Buyers: R. M. Tudor, H. M. Wolf & J. R. Clawson V. PSales: R. L. Lerch MF, PS
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HAYS MFG. CO. 803 W. 12th St., Erie, Pa. (Tel. 2-3225) Directors: P. N. Christensen & H. H. 2600 W. 247th St., Torrance Calif. (Tel. Sales Mgr.: Everett Abrams, Jr. DAvenoort 6-81101 HERTNER ELECTRIC CO., THE Purch. Agent: Henry J. Rado, 8924 Bellanca Ave., Los Angeles 45 Calif. (Tel. Clemens 12690 Elmwood Ave., Cleveland II, O. (Tel. CLearwater 2-4242) \*HAYWARD SCIENTIFIC GLASS ORegon 8-4361) Purch. Agent: A. G. Lindrose Sales Mgr.: R. C. Neiswander CORP. Asst. Purch. Agent: Stirling Souder, Los 217 Magnolia Ave., Whittier, Calif. (Tel. Angeles
V. P.-Sales: Guy Nash
MF, WN, PS, GS OX 5-8213) Secy.: Henry D. Shaw HETHERINGTON, INC. 1420 Delmar Dr., Folcroft, Pa. (Tel. LUdlow Sales Mgr.: James L. Wood 3-2100) GS, GH, GE, TS, TR HI-SPEC ELECTRONICS CORP.
7328 Ethel Ave., North Hollywood, Calif. Buyer: Edwin L. Kershaw ★(See advertisement in this issue) HEVI-DUTY ELECTRIC CO. 2040 W. Wisconsin Ave., Milwaukee Wis. (Tel. WEst 3-9339) (Tel. POplar 5-507S) HAZELTINE ELECTRONICS DIV.-HAZEL-Purch. Agent: C. A. Hale Asst. Purch. Agent: R. Y. Patterson Sales Mgr.: John H. Mattson TINE CORP. (Tel. WEst 3-7337)
Purch. Agent: George Bethke
GS, GE, TR N. Y. (Tel. Flushing 7-8700)

Asst. V. P.-Purch.: B. H. Rogers

Purch.: H. A. Brown & E. L. Roseberry

V. P. Schule C. M. T. Brown & E. L. Roseberry GE. TR HITCHINER MFG. CO., INC. Milford, N. H. (Tel. Milford 635) Purch. Agent: Ralph Bodwe! HEWITT-ROBINS, INC. 666 Glenbrook Rd., Stamford, Conn. (Tel. Purch.: H. A. Brown & C. V. P.-Sales: S. M. Thomas WN, GS, GE, TR DAvis 4-1151)
Dir.-Purch.: C. W. Mottinger
V. P.-Sales: F. L. Griffith Plant Engr.: L. Guertin HEILAND DIV,-MINNEAPOLIS-HONEYWELL Gen. Mgr.: David Hoodley Sales Mgr.: William H. Shuman S200 E. Evans Ave., Denver 22, Colo. (Tel. MF, PS, GS, GH SKyline 6-3681) Purch. Agent: R. V. Bertram MF, PS HEXCEL PRODUCTS INC. 2741 9th St., Berkeley 10, Calif. (Tel. THornwall 1-2051) HITEMP WIRES, INC. 1200 Shames Dr., Westbury, N. Y. [Tel. Asst. Purch. Agents: Warren Lindross & Phyllis Giffin Purch. Agent: R. J. Wedemyer Mgr.-Instrument Sales: Lloyd J. Moyer PS, GS, GE, CO, TS, TR EDgewood 3-4600) Buyer: M. V. Hess Purch. Agent: Patrick Hoade V. P.-Sales: R. T. Hughes Asst. Purch. Agent: Janet Lewis V. P.-Sales: George D. Newman HEIN-WERNER CORP. 1200 National Ave., Waukesha, Wisc. (Tel. HICKOK ELECTRICAL INSTRUMENT CO., MF, PS, GS, GH, CO, TS, TR Liberty 2-6611)

Purch. Agent: M. L. Lumb

Sales Mgr.: H. J. Scullin THE 10514 Dupont, Cleveland 8, O. (Tel. Lib-HI-TEST CHEMICAL CORP. erty 1-8060) MF, GS V. P.-Purch.: F. Sawonik
V. P.-Sales & Mktg.: H. D. Johnson 722 64th St., Brooklyn, N. Y. (Tel. TE 6-HELDOR MFG. CO., INC. 238 Lewis St., Paterson, N. J. (Tel. ARmory 5991) Purch .: David Raps HICKS CORP., THE 1-09001 1671 Hyde Park Ave., Boston 36, Mass. (Tel. HY 3-2720) HOBSON BROTHERS, INC. 4940 W. Lawrence Ave. Chicago 30, III. [Tel. Avenue 3-3600] Purch. Agent: Joe Curtain (Tel. HY 3-2/20)
Purch. Agent: J. L. McLeod
V. P.-Sales: John C. Reimers
MF, WN, PS, GS, TS Sales Mgr.: Ray Walker MF, WN, PS, GS, GE Purch. Agent: H. L. Behm Sales: Roy D. Hobson HELI-COIL CORP. Shelter Rock Lane, Danbury, Conn. (Tel. HI-G, INC. Ploneer 3-38SI) Bradley Field, Windsor Locks, Conn. [Tel. NAtional 3-3308] HOEFNER CORP. 9720 Rush St., El Monte, Calif. (Tel. CUm-Purch. Agent: Ted C. Gorman Dir.-Sales: John E. Fasano MF, PS berland 3-4138) Prod. Mgr.: A. Molava V. P.-Sales: R. H. Wood Purch. Agent: Arnold E. Tapie HELIPOT CORP. GE, TR Newport Beach, Calif. (Tel. Liberty 8-0611) Purch. Agent: Harlan Eastman Buyer: Dorothy L. Myers HIGH VACUUM EQUIPMENT CORP. 2 Churchill Rd., Hingham, Mass. (Tel. V. P.-Sales: Grant W. Fredericks PS, GS Sales Mgr.: Karl Heller Riverview 9-2430) PS, GS, GE, CO, TS, TR Sales Admin.: William B. White
PS, GS, GH, GE, CO, TS P. R. HOFFMAN CO. 321 Cherry St., Carlisle, Pa. (Tel. 1090) Purch. Agent: Raiph J. Laury Chemist: Warren J. Hunt V. P.-Sales: Leon W. McGinnes HELWIG CO. 2S50 N. 30th St., Milwaukee 10, Wisc. (Tel. Hilltop 2-77SS) HIGHLAND ENGRG. CO. 90 Magnolia St., Westbury, N. Y. (Tel. EDgewood 3-2933) Purch. Agent: N. E. Joers V. P.-Sales: J. E. Koenitzer Purch.: M. A. Paterson Sales: W. R. Spittal HOFFMAN ELECTRONICS CORP., SEMI-CONDUCTOR DIV. HENLOPEN MFG. CO., INC. 178 Cook St., Brooklyn 6, N. Y. (Tel. GL E. VERNON HILL & CO. 930 Pitner Ave., Evanston, III. (Tel. Univer-6-4461) P. O. Box 189, Lake Geneva, Wisc. (Tel. CHestnut 8-3729) sity 9-9850) Purch. Agent: Allan Costa Purch. Agent: Mrs. Dorothy Perkins V. P.-Mktg.: Richard N. Golbach HENRY & MILLER INDUSTRIES, INC. Pres.: N. Peterson 675 Garfield Ave., Jersey City, N. J. (Tel. HEnderson 4-4200) MF, PS, GS, GE, CO, TS, TR GS, GE, TS, TR HILLBURN ELECTRONIC PRODS. CO. Purch .: Edmund B. Schnur HOFFMAN ENGRG. CORP. SS Nassau Ave., Brooklyn 22, N. Y. (Tel. STagg 2-387S) 9th & Tyler, Anoka Minn. (Tel. HA 1-2240) HEPPENSTALL CO. 3000 Shelby St., Indianapolis, Ind. (Tel. ST 6-9261) Purch .: B. S. Gilman Supt.: Philip DeJarlais Sales: S. A. Shaw Gen. Mgr.: Reuben C. Krauik GH Purch. Agent & Mgr.-Ring Sales: V. H. HILLS-McCANNA CO. 3641 W. Touhy Ave., Chicago, III. (Tel. ORchard 4-7080) HERCULES POWDER CO. 900 Market St., Wilmington 99, Del. Dir.-Purch.: Edwin S. Ladley M CODING Purch. Agent: R. Schmidt MF, PS Sales Mgr.-Foundry Div.: R. I. Allen Missile Frame MF MF, PS, GS Warhead & Nose Cone WN HERLO ENGRG. CORP. HI-LO MANUFACTURING CORP. S49 N. Prairie Ave., Hawthorne, Calif. (Tel. Propulsion System P5 1122-26 W. Newport Ave., Chicago 13, III. (Tel. GRaceland 7-1890) OS S-4456) Ground Support G5 Gen. Mgr.: R. E. Cole Office Mgr.: J. D. Gifford Ground Handling GH Gen. Mgr.: E. A. Goncoe PS, GS GS, GH, GE, TS, TR Guidance Equipment GE HERMETIC SEAL TRANSFORMER CO., HINDLE TRANSFORMER CO. INC. Woods Church Rd., R. D. 3, Flemington, N. J. (Tel. 836) Check-out Equipment co DIV .- SOUTHWESTERN INDUSTRIAL **ELECTRONICS** Test Equipment TS S55 N. Sth St., Garland, Tex. (Tel. BRoad-Tracking & Telemetering

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way 6-5141)

Purch. Agent: J. M. Whalen

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5 Evans Terminal, Hillside, N. J. (Tel. ELizabeth 4-4016) HUGHES AIRCRAFT CO. Gen. Mgr.: Robert K. Robson Culver City, Calif. (Tel. TExas 0-7111) Missile Mfg. Div.: P. O. Box 5555 Tucson, Ariz. (Tel. MAin 4-2711) MF, WN, PS V. P.-Engrg.: Paul Booth Exec. V. P.: James Cox HORST ENGRG. & MFG. CO. GH 36 Cedar St., East Hartford, Conn. (Tel. BUtler 9-9381) Purch. Agent: Bernard Alperstein HUGHES PRODUCTS, HUGHES AIRCRAFT ★(See advertisement in this issue) CO., SEMICONDUCTOR DIV. Pres.: H. H. Livingston ALFRED HOFMANN & CO. 635 59th St., West New York, N. J. (Tel. UNion 3-1300) International Airport Sta., Los Angeles 45, Calif. (Tel. ORchard 2-5011) Sales Mgr.: H. K. Mann GE \*HOUDAILLE INDUSTRIES, INC., BUFFALO HYDRAULICS DIV. Purch. Agent: J. Meehan Sales Mgr.: E. Weikert 537 E. Delavan Ave., Buffalo, N. Y. (Tel. HUGHES TOOL CO., AIRCRAFT DIV. Fillmore 8000) Florence & Teale Sts., Culver City, Calif. MF, WN, PS, GS, GE Purch. Agent: V. E. Lasker (Tel. TExas 0-7111) Buyer: W. E. Thompson
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Experimental Procurement: B. M. Lohr 155 Perry St., New York 14, N. Y. (Tel. CHelsea 2-7855) CHelsea 2-7855]
Purch. Agent: Garrett Moore
Exec. V. P.-Sales: Raymond W. Bristol
GE, CO, TS, TR **★**(See advertisement in this issue) E. F. HOUGHTON & CO. Senior Buyer, Dir.-Contracts Admin.: Fred 303 W. Lehigh Ave., Philadelphia 33, Pa. Mehner (Tel. RE 9-7100) C. G. HOKANSON CO., INC. MF, WN, PS, GS, GH, GE, CO, TS, TR Dir.-Purch.: H. B. Fox Purch. Agent: C. F. Kalmbach V. P.-Sales: D. J. Richards 2140 Pontius Ave., Los Angeles 25, Calif. (Tel. GR 7-4231) MF, GS, GE MF, GS, GE 465 Mt. Vernon Ave., Colton, Calif. (Tel. TA 5-1793) HUMIDIAL CO. MF, PS, TS HOKE INC. URE INC.

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Calif. (Tel. BRadshaw 2-4331) A. F. HOLDEN CO., THE 14341 Schaefer Hwy., Detroit 27, Mich. (Tel BRoadway 3-5405) V. P.-Purch.: J. B. Carey V. P.-Sales Mgr.: John H. Bender Dir.-Prod. & Material: R. C. Wilcox Jr. Purch. Agent: Mrs. Rosemary Enderweis V. P.-Sales: K. B. Elliott HUNT CORP., THE 453 Lincoln St., Carlisle, Pa. (Tel. 1486)
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Sales: Robert B. Ker GS, G MF, WN, PS, GS, TS, TR HOLEX, INC. 2751 San Juan Rd., Hollister, Calif. (Tel. HOWELL DEVICE CO. GS, GE MErcury 7-5306) 1083 Erie Cliff, Cleveland 7, O. (Tel. LA V. P.-Operations: George H. Anderson \*HUNTER MFG. CO. 1-2784) Chief Inspector: Howard Renshaw Purch.: R. S. Adams Sales: R. C. Howell 30525 Aurora Rd., Solon, O. (Tel. CHurch-MF, WN, PS, GS, GH Purch. Agent: J. C. Wolfe V. P.-Sales Mgr.: Warren A. Miller HOLT INSTRUMENT LABORATORIES, DIV .-HOYT ELECTRICAL INSTRUMENT WORKS, HOLT HARDWOOD CO., INC. BURTON ROGERS CO. Oconto, Wis. (Tel. 163)
Dir.-Engrg.-Purch.: C. P. DeWitt 42 Carleton St., Cambridge 42. Mass. (Tel. **★**(See advertisement in this issue) ELliot 4-1643) Head-Sales: C. F. DeWitt HUNTER SPRING CO. GS, GH, GE, TS One Spring Ave., Lansdale, Pa. (Tel. Ulysses 5-6838) HUBBARD-ANTISDEL 155 E. Silver Spring Dr., Milwaukee 17, Wis. (Tel. ED 2-7620) Walter P. Luedke HOLUB INDUSTRIES, INC. Purch. Agent: Horace Machado Sales Mgr.: G. D. Bennett 413 DeKalb Ave., Sycamore, III. (Tel. 2161) Purch. Agent: A. R. Linden MF, PS, GS, CO, TS Sales Mgr.: Gordon W. Wetzel HUBER INDUSTRIES, INC. MF, PS, GS, GH 4974 Hillside Ave., Cincinnati, O. (Tel. HUPP AVIATION CO. Willow 1-1800)

Purch. Agent: K. P. Huber

Buyer: Russell R. Roeder, Jr. 6633 W. 65th St., Chicago 38, III. (Tel. POrtsmouth 7-2100) LUDWIG HONOLD MFG. CO.

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Purch. Agent: Dean L. Ramsey

Asst. Purch. Agent: Carol Bova Sales Mgr.: George H. Osborn

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Purch. Agent: F. A. Biller WHitehall 3-1331) Gregory 3-0700)

Purch. Agent: Joseph Weinberg

Chief Engr.-Purch: Horace Atwood, Jr.

Sales Mgr.: Robert J. Harrington

GS, GH, GE, TS, TR Purch. Agent: J. M. Lajka V. P.-Sales: M. J. Rauscher Subcontr. Supervisor-Purch.: J. Cregan Sales Mgr.: Edward O'Brien MF, GS MF, PS, CO, TS ILLINOIS ZINC CO. HUTCHENS & SON METAL PRODUCTS. INC.
P. O. Box 1355, Springfield, Mo. (Tel. 6-1979) 2959 W. 47th St., Chicago 32, III. (Tel. LAfayette 3-1600) INDUSTRIAL WASHING MACHINE CORP. 32 Main St., Matawan, N. J. (Tel. MA 1-V. P.: L. F. Johnson V. P.: W. F. Synnott 4660) Purch. Agent: B. G. King V. P.-Sales: Lewis G. Hutchens MF, PS Purch. Agent: J. B. Prelman ILLUMITRONIC ENGRG. CO. INDUSTRIAL WIRING & CABLE CO. WALTER J. HYATT CO., THE 680 E. Taylor, Sunnyvale, Calif. (Tel. RE-gent 9-2395) 103 Foundry St., Wakefield, Mass. (Tel. CRystal 9-3626) P. O. Box 943, Beverly Hills, Calif. (Tel. BRadshaw 2-2844) Purch .: Wm. W. Smith Sales Mgr.: Joe D. Giulie
MF, PS. GS, GH, GE, TR Sales: Walter J. Hyatt
MF, WN, PS, GS, GH, GE Sales: Joanie MacLaughlin INDUSTRIAL-ELECTRICAL WORKS HYCON EASTERN INC.
7S Cambridge Pkwy., Cambridge 42, Mass.
(Tel. UNiversity 4-7200)
Purch. Agent: W. Senior
V. P.-Operations-Sales: J. R. Martin IMPACT-O-GRAPH CORP., THE 1509 Chicago St., Omaha, Nebr. (Tel. AT 1900 Euclid Ave., Cleveland, O. (Tel. 4600) CHerry 1-5838) Purch. & Sales: J. Costello Gen. Mgr.: W. S. Mielziner **★INERTIA SWITCH DIV., SAFE LIGHTING INC.** IMPERIAL BRASS MFG. CO., THE 6300 W. Howard St., Chicago 31, III. (Tel. SPring 4-1700) Purch. Agent: W. B. Burnet WN, GS, GE, CO, TS, TR 527 Lexington Ave., New York 17, N. Y. HYDRA-POWER CORP. (Tel. PLaza 5-1583) 10-12 Pine Court, New Rochelle, N. Y. (Tel. NE 2-2200) Purch. Agent: Donald C. Wilson V. P.-Sales Mgr., Distributor Div.: C. H. Sales: Dana A. Griffin Purch. Agent: J. Tranos V. P.-Sales: E. D. Holland MF, WN, PS, GS, GH, GE, TS, TR ★(See advertisement in this issue) V. P.-Sales Mgr., O.E.M. Div.: J. T. Green-MF, PS, GS, GE, TS INFRARED INDUSTRIES INC. 163 Highland Ave., Needham Hts. 94, Mass. (Tel. HI 4-7880)Purch. Agent: W. E. Standring INDIANA STEEL PRODUCTS CO., THE HYDRAULIC PRESS MFG. CO., THE, DIV .-Valparaiso, Ind. (Tel. Valparaiso 2-5601) Purch. Agent: W. F. Eckert V. P.: I. A. Dickey KOEHRING CO. Marion Rd., Mt. Gilead, O. (Tel. 3S) Dir.-Purch.: Carl A. Fisher INGERSOLL KALAMAZOO DIV., BORG-WARNER CORP. Gen. Sales Mgr.: E. L. Oehling INDUCTION HEATING CORP. GS, GE 181 Wythe Ave., Brooklyn II, N. Y. (Tel. 1810 N. Pitcher St., Kalamazoo, Mich. (Tel. EVergreen 4-3110) Flreside 5-3501) HYDRO MOLDING CO. INC. Dir.-Proc.: Harry E. Morse 230 E. Water St., Kalamazoo, Mich. (Tel. Fireside 2-Dir.-Purch .: Arthur J. Slobin 100 Sharron Ave., Plattsburgh, N. Y. (Tel. Sales: Thomas J. Stanton 2598) V. P.-Purch.: M. A. Rabin MF, PS, GS, GE, TR 25981 PS, GS, GH, GE 0136) Purch. Agents: L. A. Potratz & E. M. Anderson, 230 E. Water St. INDUSTRIAL CONTROL CO. 805 Albin Ave., Lindenhurst, L. I., N. Y. (Tel. MOhawk 1-6060) HYDROMATICS, INC. Buyers: E. J. Ries & L. D. Payne, 230 E. 70 Okner Pkwy., Livingston, N. J. (Tel. Water St. Gen. Mgr.: George M. Attura Livingston 6-4900) Dir.-Defense Sales: A. S. Mrozek PS, GE, CO, TS, TR - Purch. Agent: Anthony Radice INSCO CO., DIV.-BARRY CONTROLS INC. Sales Mgr.: R. J. Ganther PS, GS INDUSTRIAL ELECTRONIC ENGINEERS Hollis St., Groton, Mass. (Tel. Gilbert 8-3973 Lankershim Blvd., N. Hollywood, Calif. I-L-S INSTRUMENT CORP. 6358) 4525 W. 160th St., Cleveland II, O. (Tel. CLearwater 2-3850) (Tel. POplar 3-7303) Gen. Mgr.: David L. Ammen Gen. Mgr.: John E. Hendricks Sales Mgr.: John J. Bylo PS, GS, TS Purch. Agent: M. E. Saltsgaver Chief Engr.-Purch.: T. J. Noveske GS, GE, CO, TS, TR INSTRU-LEC CORP. Sales Mgr.: George R. Lippert 520 Homestead Ave., Mt. Vernon, N. Y. (Tel. MOunt Vernon 8-3754) INDUSTRIAL ENGRAVERS INC. CO, TS 2212 McDonald Ave., Brooklyn 23, N. Y. (Tel. Hickory 9-3200) Asst. to Pres.: H. Griesemer \*IDEAL CHEMICAL PRODUCTS, Pres.: J. Zatzkin INC. INSTRUMENT DEVELOPMENT LABS., INC. MF, WN, PS, GE, CO, TS, TR 3813 Hoke Ave., Culver City, Calif. (Tel. 67 Mechanic St., Attleboro, Mass. (Tel. ATtleboro I-3880) TExas 0-4751) INDUSTRIAL INSTRUMENTS INC. 89 Commerce Rd., Cedar Grove (Essex Co.), N. J. (Tel. CEnter 9-6200) Purch. Agent: M. Steinfeld Sales Mgr.: J. H. Williamson PS, GS, GH, GE, CO, TS, TR Purch. Agent: J. M. Maddock Purch. Agent: William Pendergast V. P.-Research & Dev.: Jerry Gabriel Buyer: Robert V. Comstock Buyer: Robert V. Comstock Expediter-Receiver: John R. Levesque, Jr. Purch, Dept. Gen.: Shirley R. McCracken Sales Mgr.: George P. Bentley GH, GE, CO, TS, TR Sales: Larry Vernon MF, WN, PS, GE, TS, TR ★(See advertisement in this issue) INDUSTRIAL METAL PROTECTIVES, INC. IDEAL-AEROSMITH, INC. 401 Homestead Ave., Dayton 8, Ohio (Tel. 3913 Evans Ave., Cheyenne, Wyo. (Tel. INSTRUMENT ELECTRONICS CORP. BAldwin 2-6747) 7-77151 P. O. Box 830, Port Washington, N. Y. (Tel. POrt Washington 7-4242) V. P.-Engrg.: F. R. Fisher, Jr. Purch. Agent: F. E. Wheelhouse Sales Mgr.: Neil Royce INDUSTRIAL MICA CORP. 223 S. Van Brunt St., Englewood, N. J. (Tel. LOwell 8-7200) Pres.: E. Huckenbeck TS PS, GS, GH, GE, CO, TS IDEAL INDUSTRIES, INC. 1427 Park Ave., Sycamore, III. (Tel. 2114) Purch. Agent: Dale Chapman Pres.: N. J. Bottie MF, WN, PS, TR CODING INDUSTRIAL RETAINING RING CO. Missile Frame MF Gen. Sales Mgr.: Gordon B. Koch 57 Cordier St., Irvington, N. J. (Tel. WAverly 6-5000) Warhead & Nose Cone WN IDEAL PRECISION METER CO., INC. 126 Greenpoint Ave., Brooklyn 22, N. Y. Purch. Agent: V. A. Stabile MF, PS Propulsion System PS INDUSTRIAL TECTONICS, INC. (Tel. EVergreen 3-6904) Ground Support GS 3686 Jackson Rd., Ann Arbor, Mich. (Tel. NOrmandy 3-2451); 18301 Santa Fe Ave., Compton, Calif. (Tel. NEvada 6-V. P.: Charles Bernstein Ground Handling GH

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INDUSTRIAL TELEVISION INC.

HUSSMANN AIRCRAFT DIV.

Pres.: Harry Leiderman

4-1300)

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Publicity Dept.: Vern W. Palen

INSTRUMENTS FOR INDUSTRY, INC. 150 Glen Cove Rd., Mineola, N. Y. (Tel. Ploneer 2-5300)

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Sales Mgr.-E. Div.: John R. Baker

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Purch. Agent: Harold White Sales Mgr.: F. M. Winnai

\*INTERELECTRONICS CORP.

2432 Grand Concourse St., New York 58, N. Y. (Tel. LUdlow 4-6200) Purch. Agent: M. L. Lewis Sales Mgr.: M. H. Pintell PS. GS, GH, GE, CO, TS, TR

★(See advertisement in this issue)

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Purch. Agent: E. N. Sands

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12415 Euclid Ave., Cleveland 6, Ohio (Tel. SWeetbriar 1-7101)

Pres.: Wayne Groenstein V. P.: Robert Livingston

MF, WN

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Purch. Agent: Les Braverman Buyers: C. Spitalnic, B. Horowitz, A. De

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96-100 Boyd Ave., Jersey City 4, N. J. (Tel. HEnderson 4-2044) Exec. V. P.: Prem Gary

INTERNATIONAL CRYSTAL MFG. CO. INC. 18 N. Lee St., Oklahoma City 2, Okla. (Tel. REgent 6-3741)

Purch. Agent: Frank Watson Prod. Mgr.: P. M. Freeland

GS, GH, GE

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468 Grand Ave. Brooklyn 38, N. Y. (Tel. NEvins 8-021 Purch. Agent: William Auslander

Chief Engr.-Purch.: John H. Tanges, Jr. Sales Mgr.: Leo Margold
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INTERNATIONAL ELECTRONIC RESEARCH

CORP.

Magnolia Blvd., Burbank, Calif. 145 W. (Tel. Victoria 9-2481)

Purch. Agent: Merrill Stuart Sales Mgr.: John E. Markley, Jr. TR

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CO., INC. Ramapo. N. Y. (Tel. SLoatsburg 3-2791) V. P .- Purch .: David Rohr Dir.-Engrg.: Irwin West

Dir.-Sales: Cecil Sugarman

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Purch.: T. John Scala & Fred E. Roth
PS, GS, GH, GE, CO

INTERNATIONAL RADIANT CORP.

III New York Ave., Westbury, N. Y. (Tel. EDgewood 4-8820)

Purch. Agent: Robert J. Messina Sales: Karl D. Klein GS. TS

INTERNATIONAL RADIO & ELECTRONICS

S. 17th & Mishawaka Rd., P. O. Box 261, Elkhart, Ind. (Tel. 2-8385)
Purch. Agent: Lloyd E. Dissmore
Purch. Dept. for Test Equip.:
Hilmer C. Lindahl

Mgr.-Sales: Clarence C. Moore INTERNATIONAL RESEARCH ASSOCIATES

2221 Warwick Ave., Santa Monica, Calif. (Tel. EX 4-6330)

Pres.: Lewis E. Brown

GS, GE, CO, TS

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INTERNATIONAL WAX REFINING CO. 99 E. Hawthorne Ave., Valley Stream, N. Y. (Tel. LOcust 1-2500) Purch .: Frank W. Clarke MF, WN, PS

INTERNATIONAL WIRE & CABLE CO. 520 N. Michigan Ave., Chicago II, III. (Tel. MIchigan 2-5850)

Sales Mgr.: Sidney Gracen

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707 E. Vermont Ave., Anaheim, Calif. (Tel. PRospect 4-6540) Purch. Agent: Ben V. Hurd

Mgr., Engrg. Liaison: John P. Hastings

PS, GS, CO, TR

INVESTMENT CASTING CO.

60 Brown Ave., Springfield, N. J. (Tet. DRexel 6-6260) Purch. Agent: Edwin Schoffman

Sales Mgr.: E. H. Parris MF, PS

INVO SPLINE, INC.

2357 E. Nine Mile Rd., P. O. Box 25, Hazel Park, Mich. (Tel. SLocum 7-8840) Pres.: Walter E. Dalby PS, GS

IRON FIREMAN MFG. CO., ELECTRONICS DIV.

2838 S. E. 9th Ave., Portland 2, Ore. (Tel. BElmont 4-6551)

Purch, Agent: A. D. Rolfe Asst. Purch, Agent: Harold Walker Sales Mgr.: W. D. Gibson PS, GS, GH, GE, CO, TS, TR

IRVING AIR CHUTE CO., INC.
131S Versailles Rd., Lexington, Ky. (Tel. 4-69101:

Research & Dev. Ctr., 622 Rodier Dr., Glendale I, Calif. (Tel. Cltrus 4-8623) Comptroller: Y. J. Riverio

Exec. V. P.-Purch.: C. H. Pulley

Exec. V. P.-Purch.: C. M., Fulley
V. P.-Purch. (Glendale): A. E. Smith
Chief Engr. (Glendale): Kenneth E. French
Sales: J. B. Mauldin, 1631 K St., N. W.,
Rm. 213, Washington, D. C. (Tel. MEtropolitan 8-0874)
GS, GH, GE

ISOLANTITE MFG. CORP.

175 Warren Ave., Stirling, N. J. (Tel. MIIlington 7-0385)

Pres.: Frank J. Stevens MF, WN, PS, GS, GE, TS, TR

J-V-M MICROWAVE CO.

4633 Lawndale Ave., Lyons, III. (Tel. LYons

Purch.: Arthur Dreusicke & Leo Rzeminski, 8846 W. 47th St., Brookfield, III. (Tel. HUnter 5-9580)

Sales: Robert E. Morgan

JACK & HEINTZ, INC.

17600 Broadway, Maple Heights, O. Mailing: Cleveland I, O. (Tel. MOntrose 2-10001

Purch. Agent: Hugh W. Lloyd

Buyers: Edward H. Greer, Arthur P. Grant, George P. Novak, H. Clinton Taylor & Kenneth W. Blauman

Mgr.-Material: Paul J. Barensfeld Asst. Buyer: Robert J. Sabatka V. P.-Sales: R. J. Eschborn

JACOBSON NUT MFG. CORP.

Box 177, Kenilworth, N. J. (Tel. MUrdock 6-0200)

Purch. Agent: Joe Marone Sales Mgr.: C. W. Aagaard

MF, PS

JAIDINGER MFG. CO., INC. 1921 W. Hubbard St., Chicago 22, III. (Tel.

HA 1-1090)

Purch. Agent: Robert Krajei Chief Engr.: C. J. Hackett Sales: J. H. Jaidinger

JAMES, POND & CLARK, INC. 2181 E. Foothill Blvd., Pasadena, Calif. (Tel. SYcamore 3-9195)

GE

Purch. Agent: William Olsen Sales Mgr.: P. F. Shepherd

PS, GS

JAMESBURY CORP.

45 New St., Worcester, Mass. (Tel. SWift 9-4167)

Treas.-Purch.: Saul I. Reck Sales: Julian S. Freeman

JAMISON COLD STORAGE DOOR CO. Box 70, Hagerstown, Md. (Tel. RE 3-3100) Gen. Sales Mgr.: P. J. Duffy

JAN HARDWARE MFG. CO., INC. 75 N. 11th St., Brooklyn II, N. Y. (Tel.

EVergreen 7-3300) Chief Engr.: H. Frieman Sales: Oscar S. Swarth

MF, WN, PS, GS, GH, GE, CO, TS, TR

JANCO CORP.

3111 Winona Ave., Burbank, Calif. (Tel. THornwall 8-5792)

Purch. Agent: Lester Jones V. P.-Sales: J. T. Peterson, Jr.

GS, GE, CO, TS, TR

\*JANITROL AIRCRAFT DIV.-SUR-FACE COMBUSTION CORP.

400 Dublin Ave., Columbus 15, O. (Tel. CApital I-6492)

Purch. Agent: R. H. Rupp Buyers: W. Higgins, J. Roberts & John

Huntley Sales Mgr.: J. W. Ashby

MF, PS, GS **★(See advertisement in this issue)** 

WALTER K. JAROS, AIRCRAFTERS 48-00 Astoria Blvd., S., Astoria, Long Island City, N. Y. (Tel. YEllowstone 2-1400)

JARRELL-ASH CO. Gen. Sales Mgr.: A. B. Christine 15911 26 Farwell St., Newtonville 60, Mass. (Tel. DEcatur 2-2130) Purch. Agent: W. Jokinen TS Purch. Agent-Phoenix Electronics Plt.: Ralph JOHNSTON & FUNK TITANIUM CORP. Musbach (Tel. Phoenix, Ariz.-Windsor Kemrow Ave., Wooster, O. (Tel. HOward 3-34311 2-70501 JAYELIN AIRCRAFT CO. INC. 1405 S. Oliver, Wichita 17, Kans. (Tel. Purch. Agent: Don Good Sales Coordinator: Conard Stitzlein Sales Engr.-Richmond Machining Plt.: Ralph Prescott (LAndscape 6-4688) MU 2-0111) Sales Engr.-San Leandro Plt.: R. G. Coff-MF, PS man (LOckhaven 2-2456)
MF, WN, PS, GS, GH, GE, CO, TS, TR Pres. & Chief Engr.: D. D. Blanton MF, WN, GE HERRICK L. JOHNSTON, INC. 659 Marion Rd., Columbus 7, Ohio (Tel. Klckory 3-7434) Purch. Agent: John W. Dalgarn KAISER ALUMINUM & CHEMICAL SALES, JEFFERSON ELECTRONIC PRODUCTS INC.
919 N. Michigan Ave., Chicago II, Ill.
(Tel. MOhawk 4-6900) MF, PS, GH 322 State St., Santa Barbara, Calif. (Tel. Dir.-Mfg.: G. A. Wright WOodland 5-8505) MF, PS, GS, GH, TS Purch. Agent: Jon E. Brown Buyer: Frank E. Brackett KAISER STEEL CORP., FABRICATING DIV. 7301 Telegraph Rd., Los Angeles 22, Calif. HOWARD B. JONES DIV.-CINCH MFG. CORP. 1026 S. Homan Ave., Chicago 24, III. (Tel. Sales: A. K. Sedgwick (Tel. RAymond 3-5411) GS, GH, GE, TS, TR Purch. Agent: Frank E. Cooper NEvada 2-2000) JEFFERSON PRODUCTS CORP.
Pleasant Valley Rd., Sutton, Mass. (Tel.
Millbury Union 5-4447) V. P.-Gen. Mgr.: Jack J. Carlson Purch. Agent: Tom Hopkins Sales Mgr.: C. W. Nelson GS. GH. TS KANO LABS. GS, GH, GE, TR ONO LABS.

(1000 S. Thompson Lane, Nashville, Tenn.

(Tel. Alpine 4-3519)

Purch.: Thomas J. O'Kane

Sales Mgr.: C. G. Montgomery Gen. Mgr.: Michael Friedman JONES & LAMSON MACHINE CO. JENNINGS RADIO MFG. CORP. 160 Rocket St., Springfield, Vt. (Tel. TUr-970 McLaughlin Ave., San Jose, Calif. (Tel. ner 5-21211 CYpress 2-4025) Asst. Purch. Agent: E. F. St. Mary
Asst. Purch. Agent: Frank Barter
Mgr.-Marketing: H. A. Finch
MF, WN, PS, GS, GH, TS, TR MF, WN, PS, GS Purch. Agent: Howard A. Coon V. P.-Sales: Calvin K. Townsend KANTHAL CORP., THE Amelia Place, Stamford, Conn. (Tel. DAvis GE, TS, TR 5-22061 JET TOOL CORP. Chief Engr.: F. J. Barto Sales Mgr.: G. W. Eisenbeis JORDAN ELECTRONICS, DIV.-VICTOREEN 7952 North Ave., Lemon Grove, Calif. (Tel. HOpkins 6-0471) INSTRUMENT CO. 3025 W. Mission Rd., Alhambra, Calif. (Tel. A. LAWRENCE KARP Pres.: Grant Hadley CUmberland 3-6425) MF, WN, PS, GS 16 Putnam Park, Greenwich, Conn. (Tel. Purch. Agent: G. W. Egan TOwnsend 9-8144) Buyer: Louis Kroot Sales Mgr.: William W. Blalock JOCLIN MFG. CO. Purch .: A. L. Karp Lufbery Ave., Wallingford, Conn. (Tel. COlony 9-8708) KASAR MFG. & DISTRIBUTING CO., INC. Purch. Agent: S. F. DiGiorgi Sales Mgr.: David R. Lurie MF, WN, PS, GS, GH, GE, TR JOY MFG. CO. 9905 W. Jefferson Blvd., Culver City, Calif. 333 Oliver Bldg., Pittsburgh 22, Pa. (Tel. GRant I-2140) PS, GS, GH, GE (Tel. TExas 0-5591) PS, GS, GH, GE Purch. Agent: William Robertson Buyers: Paul Roberts, Ed Anderson MF, WN, PS, GS, GE, TR JOYCE CRIDLAND CO., THE JODEE PLASTICS CO. 2027 E. First St., Dayton, O. (Tel. CL 3-2131) 3089 Fulton St., Brooklyn 8, N. Y. (Tel. APplegate 7-9199) KAY ELECTRIC CO.

Maple Ave., Pine Brook, N. J. (Tel. CAld-Chief Purch. Agent: R. U. Park Treas.: Nicholas Meglino Asst. to Sales Mgr.: Earl R. Cox GS well 6-40001 JOHNS-MANSVILLE DUTCH BRAND DIV. Purch. Agent: Marsden Shaw JULIE RESEARCH LABS. INC. 7800 Woodlawn Ave., Chicago 19, Ill. (Tel. SAginaw I-1000) Purch. Agent: J. F. Swart Gen. Sales Mgr.: John Gilmore MF, PS, GS, GH, GE, CO, TS, TR 556 W. 168th St., New York City, N. Y. (Tel. LOrraine 8-8700) Purch.: Mrs. G. Bunt Sales: Frank Bradley Asst. Purch. Agent: J. C. Eyster V. P.-Gen. Mgr.: E. F. Boyle KAYDON ENGRG. CORP., THE RE McCracken St., Muskegon, Mich. (Tel. 5-16411 E. F. JOHNSON CO. GEO. E. KAERCHER CO. Dir.-Purch.: W. J. Pierre Buyers: John L. Peterson, Robert Stevens 4911 36th Ave., S., Minneapolis 17, Minn. 206 2nd Ave., S. W. Waseca, Minn. (Tel. (Tel. PArkway 4-4986) 9901 PS, GS, GH, GE Purch, Agent: M. L. Johnson Gen. Sales Mgr.: E. T. Herbig MF, WN, PS, GS, GH, GE, CO, TS, TR Purch.: Don Kaercher & Geo. Kaercher JOSEPH KAYE & CO. 49 Hampshire St., Cambridge 39, Mass. (Tel. UNiversity 4-1386) KAHLE ENGRG. CO. 1307 7th St., N. Bergen, N. J. (Tel. UNion K. W. JOHNSON & CO., INC. 7-6500) Joseph Kaye 1825 Webster St., Dayton, O. (Tel. BA Purch, Agent: Max Ulmer MF, WN, PS, GS, GE, TR 4-0441) Sales Engr.: James B. Lindsay GS KAYNAR MFG. CO., INC. 7875 Telegraph Rd., Rivera, Calif. Mailing Add.: P. O. Box 2001 Terminal Annex, Los Angeles 54, Calif. (Tel. LUdlow 9-3271) Purch. Agent: Richard D. Tobey
MF, PS, GH, GE, CO, TR \*KAHN & CO., INC. 541 Windsor St., Hartford, Conn. (Tel. CHapel 6-7431) JOHNSON ELECTRONICS INC. P. O. Box 1675, Casselberry, Fla. (Tel. V. P.-Purch.: Kenneth O. Jacobs Mldway 4-3311) V. P.: R. L. Weber Asst. Purch. Agent: James Melo Expediter: Richard Metcalf Sales Mgr.: Robert Hamerschlag Purch Agent: George Mooers Serv. Engr.: R. H. Randall Sales Mgr.: Nicholas K. Yost GS, GE, TR ★(See advertisement in this issue) JOHNSON MFG. CO., INC. 616 First Ave., N., Mt. Vernon, Iowa (Tel. KAHN RESEARCH LABS., INC. 22 Pine St., Freeport, N. Y. (Tel. FReeport CODING Missile Frame MF 9-88001 Sales: R. H. Thompson MF, GE, TR Worheod & Nose Cone WN Purch. Mgr.: Judy Wisner JOHNSON METAL HOSE, INC. V. P.-Sales: Kenneth B. Boothe Propulsion System PS GE, TR

KAISER AIRCRAFT & ELECTRONICS, DIV .-

P. O. Box 1828, Oakland 4, Calif. (Tel. San Leandro, Calif.—LOckhaven 2-2456) Material Mgr.-Richmond Machining Plt.: James Tallman (Tel. Richmond, Calif.— LAndreane 6.469)

Purch. Agent-San Leandro Plt.: R. A. Peter-

KAISER INDUSTRIES CORP.

LAndscape 6-4688)

JOHNSTON FOIL MFG. CO.

Purch. Agent: C. M. Stanek

6106 S. Broadway, St. Louis II, Mo. [Tel. HUdson 1-7000]

Purch. Agent: Josephine K. Jaros

Sales Mgr.: Walter K. Jaros MF, WN, PS, GS, GH, GE, TS, TR

10 Sperry, Waterbury 20, Conn. (Tel.

2625 Park Blvd., Palo Alto, Calif. (Tel.

MF, PS, GS

GS, CO, TS

PLaza 6-4612)

Pres.: N. J. Johnson

DAvenport 3-4131) Mgr.: P. L. Williams

JOHNSON-WILLIAMS, INC.

Chief Engr.: K. W. Johnson

G5

co

TR

Ground Support

Guidance Equipment GE

Check-out Equipment

Tracking & Telemetering

Research & Development

Ground Hondling GH

Test Equipment TS

son (Tel. San Leandro-LOckhaven 2-2456)

Gibson (Tel. Toledo, O .- RAndolph 6-

Purch. Agent-Toledo Electronics Plt.: R. W.

#### . . . purchasing directory kea-lee

KEARFOTT CO., INC., LITTLE FALLS, N. J. 1378 Main Ave., Clifton, N. J. (Tel. GRegory 2-1000) Dir.-Sales: F. J. Delves

MF, WN, PS, GS, GE, CO, TS, TR

KEIL ENGRG. PRODUCTS

4356 Duncan Ave., St. Louis 10, Mo. (Tel. OLive 2-7005)
Purch.: Edward W. Keil, 6833 Manchester

Ave., St. Louis, Mo. (Tel. STerling 1-3209)

Sales Mgr.: N. W. Kathrinus

MF. GE. TR

KEITHLEY INSTRUMENTS, INC.

12415 Euclid Ave., Cleveland, Ohio (Tel. SWeetbriar 5-2666) Works Mgr.: N. J. Wagner

V. P.-Research: Julius Praglin V. P.-Engrg.: W. E. Koeblitz

KELLETT AIRCRAFT CORP.

Box 35 Willow Grove, Pa. (Tel. OSborne

Purch. Agent: Howard Harner, Jr. Asst. Purch. Agent: Roland Nevin V. P.-Sales: I. Medgebow

MF, PS, GH, TS, TR

M. W. KELLOGG CO., THE

Foot of Danforth Ave., Jersey City 3, N. J. (Tel. DElaware 3-3100) Mgr.-Plant Purch.: T. B. Rees Buyers: J. O. Dalstrom, J. E. Wallis, H. F. Perkins & W. H. Pierre Mgr.-Prod. Parts Sales: J. O. Wagner

KELSEY-HAYES CO.

3600 Military Ave.. Detroit 32, Mich. (Tel. TAshmoo 5-5500) Dir.-Purch. & Planning: W. L. Troutfetter Gen. Mgr.-Aviation Divs.: Leslie G. Taylor MF, WN, PS, GS, GH, GE, TS, TR

KELVIN ELECTRIC CO.

5907 Noble Ave., Van Nuys, Calif. (Tel. STate 2-6662) Purch. Agent: Kenneth T. Eckardt

KEMLITE LABORATORIES, INC.

1819 W. Grand Ave., Chicago 22, III. (Tel. TAylor 9-6050) Purch. Agent: O. H. Floyd MF, WN, PS, GS, GE, TS, TR

KEMP AERO PRODUCTS, DIV.-KEMP INC. 127 Porete Ave., North Arlington, N. J. (Tel. KEarny 3-5019)

Gen. Mgr.: James Harrington Purch. Agent: Edward Conlon

KEMP INC.

129 Porete Ave., N. Arlington, N. J. (Tel. KEarny 3-5018)

Gen. Mgr.: James Harrington Purch. Agent: Edward Conlon

MF, WN, PS, GS, GE

KENNAMETAL INC.

One Lloyd Ave., Latrobe, Pa. (Tel. KEystone 7-3311 Purch. Agent: Dale R. Versaw Purch. Agent: Date N. 76136...
Sales Mgr.: Bennett Burgoon, Jr.
MF, PS, GS, GE

D. S. KENNEDY & CO.

155 King St., Cohasset, Mass. (Tel. COhasset 4-1200) Purch. Agent: Rober Fisher V. P.-Sales: C. W. Creaser

GS, GH, GE, TR

KENTUCKY METAL PRODUCTS CO.

3104 Preston Hwy., Louisville, Ky. (Tel. (MElrose 4-9421) Purch. Agent: Gene Burton Engr.: J. L. Covert

KEPCO LABS. INC.

131-38 Sanford Ave., Flushing, N. Y. (Tel. INdependence 1-7000)

Purch. Agent: Jack Kupferberg Sales Mgr.: Max Kupferberg

PS, GS, GH, GE, TR

KERNS MFG. CORP. 45-18 Court Sq., Long Island City I, N. Y. (Tel. STillwell 6-2550) Purch. Agent: Arnold Novak Engrg. Sales Mgr.: Robert J. Carbone MF, WN, PS

KEY RESISTOR CORP.
321 W. Redondo Beach Blvd., Gardena,
Calif. (Tel. DAvis 3-5000) Chief Engr.: J. L. Goforth

GS, GH, GE, TR

KEYSTONE CARBON CO.

1935 State St., St. Marys, Pa. (Tel. TE 4-1591)

Purch. Agent: Leo Schaut Sales: E. J. Crowe

WN, PS, GS, GH, GE, TR

KEYSTONE ELECTRONICS CORP.

49 Bleecker St., New York 12, N. Y. (Tel. GRamercy 5-4600) Purch.: I. Rosen

MF, PS, GS, GH, GE, TS, TR

KEYSTONE PRODUCTS CO.

1320 Main St.,

904-6 23rd St., Union City, N. J. (Tel. UNion 6-5400) Purch. Agent: James A. Ollick Sales Mgr.: R. E. Mottola

GS, GE, TS

KICKHAEFER MFG. CO.

901 S. Second St., Milwaukee 4, Wisc. (Tel. MItchell 5-1630) V. P.-Purch.: Ernest Davis

PS, GH, TS, TR

Belleville 9, N. J. (Tel.

WALTER KIDDE & CO., INC., AVIATION

PLymouth 9-5000) Dir.-Purch.: E. R. Randall Purch. Agent: John P. Blake Asst. Purch. Agents: J. D. Tamburro, H.

S. Klimoski Buyers: S. Stefans, S. Eckhouse Asst. V. P.-Sales: A. H. Hobelmann MF, PS, GS, GH, GE, CO, TS

AIRCRAFT DIV.-THE KILGEN KILGEN ORGAN CO.

4632 W. Florissant Ave., St. Louis IS, Mo. (Tel. COlfax I-2000) Purch. Agent: Frank Oswald

V. P.-Sales: Eugene R. Kilgen
PS, GS, GH, GE, CO, TS

KILGORE, INC., INTERNATIONAL FLARE-SIGNAL DIV.

200 E. Broadway, P. O. Box 31, Wester-ville, O. (Tel. TUxedo 2-2341) Purch. Agent: W. D. Watkins Sales Mgr.-International Flare-Signal Div.: G. J. Bishop

KIN TEL DIV. COHU ELECTRONICS, INC. 5725 Kearny Villa Rd., San Diego II, Calif. (Tel. BR 7-6700)

Purch. Agent: Wade Gilliland Asst. Sales Mgr.: Stanley S. Sievers

GS, GE, CO, TS, TR

KINEVOX-HALLEN

1646 18th St., Santa Monica, Calif. (Tel. EXbrook 5-9975)

Mgr.-Purch.: G. B. Blackwell Prod. Mgr.: Robert L. Lane Chief Engr.: Robert Watts Engrg. Sales: H. L. Powell

GS, GH, GE, TS, TR

KLINCHER LOCKNUT CORP.

2153 Hillside Ave., Indianapolis 18, Ind. (Tel. WAlnut 5-9284)

Purch. Agent: Mrs. Jean Groseclose Engr.-Purch.: James D. Anderson Sales Mgr.: I. J. Dienhart

KLING METAL SPINNING & STAMPING CO.

245-247 Centre St., New York 13, N. Y. (Tel. CA 6-5580) Owner: Philip Kling MF, WN, PS, GE

RICHARD KLINGER INC.

550 4th Ave., Brooklyn 15, N. Y. (Tel. SOuth 8-6747)

Purch.-Sales Mgr.: R. C. Soukup Asst. Purch.-Sales Mgr.: S. Shabman

JAMES KNIGHTS CO., THE

Sandwich, III. (Tel. 2141)
Purch. Agent: Russell E. Wahlgren

GS, GE, TR

H. KOCH & SONS P. O. Box 125, Corte Madera, Calif. (Tel. WAbash 4-3510)

Purch. Agent: H. Salkin Gen. Mgr.: M. P. Koch

PS, GS

KOEHLER AIRCRAFT PRODUCTS CO., INC. 409 Leo St., Dayton 4, O. (Tel. BAldwin 6-1821)

Purch. Agent: Betty Jackowitz V. P.-Gen. Mgr.: Richard M. Johnson V. P.-Chg. Future Dev.: Gordon T. Koehler Sales Mgr.: Robert J. Hostetter MF, PS, GS, GE

KOHLER CO.

Kohler, Wisc. (Tel Sheboygan, Wisc.-GL 7-4441) Sales Mgr.: A. G. Zibell PS, GS

KOILED KORDS INC.

TISES Dixwell Ave., New Haven 14, Conn. (Tel. CHestnut 8-5515) Purch. Agent: D. C. McKean V. P.-Sales: E. L. Love MF

KOLLSMAN INSTRUMENT CORP., SUB.-STANDARD COIL PRODUCTS CO. INC. 80-08 45th Ave., Elmhurst 73, N. Y. (Tel. TWining 9-5600)

Purch. Agent: J. Goodrich Gen. Sales Mgr.: W. C. Bonn

KOLTON ELECTRIC MFG. CO.

123 New Jersey Railroad Ave., Newark 5, N. J. (Tel. MItchell 2-4622) Purch.: C. Kolton Sales: H. Kolton

MF, PS, GS, GH, GE, TR

\*KOONTZ-WAGNER ELECTRIC CO., INC. 516 N. Michigan St., South Bend 1, Ind. (Tel. CEntral 3-8251)

Procurement Mgr.: A. W. K Gen. Mgr.: C. D. Hills Production Mgr.: C. H. Bill V. P.-Sales: B. Kumm PS, GE

**★**(See advertisement in this issue)

KOPP GLASS, INC. Swissvale, Pittsburgh 18, Pa. (Tel. BRandy-

wine 1-0190) Purch. Agent: Charles Rudek

V. P.-Sales: J. L. Newton GS, GE

KOPPERS CO., INC. Koppers Bldg., Pittsburgh, Pa. (Tel. EXpress 1-3300)

V. P.-Purch .: P. D. Shollar Sales Mgr.-Chem. Div.: J. W. Pool

KOPPERS CO., INC., METAL PRODUCTS

DIV. 200 Scott St., Baltimore 3, Md. (Tel.

SAratoga 7-2500) Mgr.-Procurement Dept.: B. K. Shaner Asst. Mgr.-Procurement Dept.: J. Kalista Buyer: D. Koerin

Subcontracting: G. Fromm Sales Mgr.: H. P. Neher

MF, PS, TS

HERB KRECKMAN CO. Crésco, Pa. (Tel. 2212) Herb Kreckman	LAMPKIN LABS., INC. Bradenton, Fla. (Tel. 6-1906) Purch. Agent: George C. Craig	LEACH CORP. Leach Relay Div. 59   5 Avalon Blvd., Los Angeles 3, Calif.
KRYLON, INC. Ford & Washington Sts., Norristown, Pa. (Tel. BRoadway 9-1950)	LAMSON & SESSIONS CO., THE 5000 Tiedeman Rd., Cleveland 9, O. (Tel.	(Tel. ADams 2-8221) DirPurch.: A. E. Rose Inet Div.
Purch. Agent: William Sansalone V. PSales: Richard C. Newbold MF, WN, GS, GE, TR	CLearwater 2-3700) DirPurch.: Frank J. DeCrane Gen. Sales Mgr.: J. G. Rayburn MF, PS	18435 Susana Rd., Compton, Los Angeles, Calif. (Tel. NEvada 6-1061) LEACH & GARNER CO., INDUSTRIAL DIV.
KULKA ELECTRIC CORP. 633 S. Fulton Ave., Mt. Vernon, N. Y. (Tel. MOunt Vernon 4-4024) Purch. Agent: Harry Meltzer Buyer: Elliott Edelman	LAMTEX INDUSTRIES, INC. 51 State St., Westbury, N. Y. (Tel. EDgewood 3-2680) V. PSales: Hsing Liu MF, WN, PS	Pearl St., Attleboro, Mass. (Tel. 1-1155) Purch. Agent: Preston Stevenson MgrSales: Gerald F. Tucci MF, WN, PS, GS, GE, CO, TS, TR LEAR, INC.
TreasSales: William Kulka MF, PS, GS, GH, GE, CO, TS, TR KURMAN ELECTRIC CO., DIVNORBUTE	LANCASTER GLASS CORP. Lancaster, Ohio (Tel. OLive 3-0311) Purch. Agent: Homer Echard	3171 S. Bundy Dr., Santa Monica, Calif. (Tel. EXmont 8-6211) Purch. Agent-Lear-Romec Div.: W. W. Wilber, Abbe Rd., Elyria, O. (Tel. FAir-
CORP.  191 Newel St., Brooklyn 22, N. Y. (Tel. EVergreen 3-8000)  V. PPurch.: Julian Goodstein	Sales Mgr.: M. R. Hoover  LAND-AIR, INC., SUBCALIFORNIA EAST- ERN AVIATION, INC.	fax 3-3211) MgrPurch. DeptLearCal Div.: H. E. Switzer (Tel. EXmont 8-6211) PS, GS, GE, TR
Purch. Agent: Jim Barry Sales Mgr.: Wallace Green GE KURZ & ROOT CO.	7444 W. Wilson Ave., Chicago 31, III. (Tel. UNderhill 7-7550) Materials Control Mgr.: C. D. Mitchell Purch. Asst.: R. Brown	LEAR, INC., GRAND RAPIDS DIV. 110 Ionia Ave., N. W., Grand Rapids, Mich. (Tel. GLendale 1-1555)
232 E. North Island St., Appleton, Wisc. (Tel. REgent 3-6641) Purch. Agent: Carl Abig V. PSales: Eli Chappe	V. PSales & Contracts: A. M. Breit LANDSVERK ELECTROMETER CO. 641 Sonora Ave., Glendale, Calif. (Tel.	Purch. Agent: R. Thies Div. Contracts Mgr.: K. R. Hahn WN, PS, GS, GE, CO, TS, TR LEATHERMAN CO.
KURZ-KASCH, INC. 1421 S. Broadway, Dayton, O. (Tel. BAldwin 3-8161)	CHapman 5-6687) Div. MgrComm. Purch.: D. L. Merriner Div. MgrContract Purch.: W. R. Hanson V. PSales: D. L. Collins GE, CO, TS	13259 Sherman Way, N. Hollywood, Calif. (Tel. STanley 7-9635) Purch. Agent: Mrs. Jeane Miller Material Control: Foy R. Albert, Jr.
Purch. Agent: I. H. Naas Sales Mgr.: R. L. Davidson MF	LANE ELECTRONICS MFG. CORP. 7254 Atoll Ave., North Hollywood, Calif.	Chief Engr.: George F. Clark Sales Mgr.: Bill Cool GS, TS
RWIKHEAT MFG. CO. 3732 San Fernando Rd., Glendale 4, Calif. (Tel. CHapman 5-2376) GS	(Tel. ST 7-3267) Purch. Agent: Philip A. Mottola Chief Engr.: Robert J. Schollard Sales Mgr.: Arden J. Lane	Ist Ave. & E. Lehman St., Lebanon, Pa. (Tel. 3-1611) Gen. Sales Mgr.: John H. Boyd
L. A. B. CORP. Skaneateles I, N. Y. (Tel. SKaneateles 1161) Purch. Agent: H. B. Mantz	LA POINTE INDUSTRIES INC. Rockville, Conn. (Tel. TRemont 5-3351) Purch.: E. Evans	MF, PS LEBEC CHEMICAL CORP. 14066 S. Garfield Blvd., Paramount, Calif. (Tel. NEvada 6-3381)
Sales Mgr.: J. T. Hubbard TS L. O. F. GLASS FIBERS CO.	Sales: J. Yule MF, WN, PS, GS, GH, GE, CO, TS, TR	Purch. Agent: E. B. Westall MF, WN, PS, GS, GE
3116 Van Owen Blvd., Burbank, Calif. (Tel. Vlctoria 9-2331) Purch. Agent: Robert O. Eiseld Sales Mgr.: Wm. Worcester	LAPP INSULATOR CO., INC., RADIO SPECIALTIES DIV. 317 Gilbert St., Le Roy, N. Y. (Tel. 385) Purch. Agent: Dean H. Lapp	R. K. LEBLOND MACHINE TOOL CO. Madison & Edwards Rds., Cincinnati, O. (Tel. JEfferson 1-0910) Purch. Agent: Wm. McK. Reis
MF, WN, PS, GS, GE, TR LABORATORY FOR ELECTRONICS, INC. 75 Pitts St., Boston, Mass. (Tel. Richmond 2-3200)	Asst. Purch. Agent: Richard Ladd Sales MgrRadio Specialties Div.: Sumner P. Lapp MF, WN, PS, GS, GH, GE, TR	V. PSales: B. N. Brockman MF LEE CO., THE Wesley Ave., Westbrook, Conn. (Tel. EXport 9-6228)
Purch. Agent: W. J. Stanton Asst. Purch. Agent: H. E. Nilson Chief Mech. Buyer: B. P. O'Sullivan	CHARLES E. LARSON & SONS, INC. 2665 N. Keeler Ave., Chicago 39, III. (Tel. SP 2-9700)	Office Mgr.: Charles Muller PS LEE ELECTRIC & MFG. CO. 2806 Clearwater St., Los Angeles 39, Calif.
Chief Electrical Buyer: H. Wilayto Chief Mill Supply Buyer: H. Tungate DirSales: R. K. Mosher TS, TR	Purch. Agent: Charles M. Larson Sales: Richard E. Larson MF	(Tel. NOrmandy 3-1295)  Purch.: L. P. Tuttle  Sales: Lee V. Lawhead, Jr. GS, GH
LADISH CO. 5481 S. Packard Ave., Cudahy, Wisc. (Tel. HUmboldt 1-1500) Purch. Agent: J. F. Wachs	*LAVELLE AIRCRAFT CORP. Sterling St., Newtown, Bucks County, Pa. (Tel. WOrth 8-3838) V. PPurch.: H. A. Liese	WALTER LEE CHEMICAL CORP. 1383 Seabury Ave., Bronx 61, N. Y: (Tel. SYcamore 2-4400) Purch, Agent: Don Singer
Sales MgrForging Div.: R. F. Starz MF, WN, PS, GS	Contracts Mgr.: Frank V. Kiefer  MF, WN, PS  ★(See advertisement in this issue)	MF, WN, PS, GS, GE, TR GERARD G. LEEDS CO., INC.
LAKE ERIE MACHINERY CORP. P. O. Box 68, Kenmore Sta., Buffalo 17, N. Y. (Tel. BEdford 6900) Purch. Agent: G. T. McCrone Buyer: R. P. Hartmayer	*LAVEZZI MACHINE WORKS 4635 W. Lake St., Chicago 44, Ill. (Tel. ESterbrook 8-1636) Purch. Agent: Jerome J. Kremer	12 Crampton Lane, Great Neck, L. I., N. Y. (Tel. HUnter 2-7784) Sales Mgr.: Martin Kaplan
V. PSales: Leo W. Coleman GS	Sales Mgr.: Worth Baird MF, WN, PS, GS	CODING
LAMBDA ELECTRONICS CORP.  11-11 131st St., College Point, N. Y. (Tel.	★(See advertisement in this issue)	Missile Frame MF Warhead & Nose Cone WN
Ndependence 1-8500)  Purch. Agent: E. Botuck  Exec. V. PSales: Simeon Weston GS	LAVOIE LABS., INC.  Matawan-Freehold Rd., Morganville, N. J.  (Tel. MAtawan 1-2600)	Propulsion System PS Ground Support GS

(Tel. MAtawan I-2600)
Purch. Agent: G. F. Croddick
Sales Admin.: J. D. Copeland
PS, GS, GE, CO, TS, TR

LAWRENCE PUMPS INC.
371 Market St., Lawrence, Mass. (Tel. MUrdock 2-5249)
V. J. Mill, Jr. GS

MF, WN, PS

\*LAMINATED SHIM CO.
9304 Union St., Glenbrook, Conn. (Tel.
DAvis 5-2631)

Purch. Agent: Philip Carleton V. P.-Sales: M. L. Lockwood

★(See advertisement in this issue)

GH

GE

co

TS

TR

Test Equipment

Ground Handling

Guidance Equipment

Check-out Equipment

Tracking & Telemetering

Research & Development

# . . . purchasing directory lee—mah

LEEDS & NORTHRUP CO.

4970 Stenton Ave., Philadelphia 44, Pa. (Tel. DA 9-4900) Purch.: J. E. Jennings Mgr.-Sales Engrg.: H. L. Scutt MF, PS, GS, GH, GE, CO, TS, TR LEETRONICS, INC.

30 Main St., Brooklyn I, N. Y. (Tel, ULster 5-71631

V. P .- Purch .: Walter P. Reading MF, WN, PS, GS, GE, TS, TR

LEHIGH CHEMICAL CO. Flatland Rd., Chestertown, Md. (Tel. 730) Purch. Mgr.: Henry G. Gruber Sales Mgr.: C. David Haacke

MF, PS, TR

LEIMAN BROTHERS, INC. 166 Christie St., Newark 5, N. J. (Tel. MA 3-7520) PS, GS Purch. Agent: Frank Cristo

LEITCH ENGRG. CORP. 326 Lincoln St., Manchester, N. H. (Tel. NAtional 3-4773)

Purch. Agent-Electronics: H. E. Newell GS, CO, TS Sales: D. Robert Leitch

LEKTRA LABORATORIES, INC. 154 11th Ave., New York 11, N. Y. (Tel. ALgonquin 5-2013) V. P.-Purch.: B. Eisenberg CO, TS

L E L, INC. 380 Oak St., Copiague, L. I., N. Y. (Tel. AM 4-2200) Purch .: W. Maggio

Sales: R. Mautner GE, CO, TS, TR

\*LELAND ELECTRIC CO., THE, DIV.-AMERICAN MACHINE & FOUNDRY CO.

1501 Webster, P. O. Box 1060, Dayton I, O. (Tel. BAldwin 4-0701) Purch. Agent: Walter Stump, 48 E. National Hwy., Vandalia, O. (Tel. TWin

Oaks 8-5881) Buyers: D. Bechtol & M. Boor Pς V. P.-Sales: Arthur Pelster ★(See advertisement in this issue)

G. H. LELAND, INC.

123 Webster St., Dayton 2, O. (Tel. BAldwin 4-98911

Purch. Agent: Morris M. Wright Asst. Purch. Agent: H. E. Jacobs Sales Mgr.: Hans G. Belitz

PS, GS, GE, TR

LENKURT ELECTRIC CO., INC.
1105 County Rd., San Carlos, Calif. (Tel. LYtell 1-8461) Military Purch. Mgr.: David Steinberg

Military Mktg. Mgr.: Joseph R. Sherman

\*WALLACE O. LEONARD, INC. 373 S. Fair Oaks Ave., Pasadena, Calif. (Tel. RYan 1-4446)

Purch. Agent: Arthur W. Foster Purch. Expeditor: Robert L. Todd Sales Admin.: Kenneth I. Stubbs MF, PS, GS, GH, GE, CO, TS, TR ★(See advertisement in this issue)

LEVINTHAL ELECTRONIC PRODUCTS, INC. 3180 Hanover St., Stanford Industrial Park, Palo Alto, Calif. (Tel. DAvenport 6-1640) Purch. Agent: Robert H. Shime

PS, GS, GE, CO, TS, TR E. B. LEWIS CO., INC. 11 Bragg St., E. Hartford, Conn. (Tel. JAckson 8-0830)

Pres.: Ernest B. Lewis GS, GE LEWIS ENGRG. CO., THE 339 Church St., Naugatuck, Conn. (Tel. PArk 9-5253)

Purch. Agent: M. Forde MF, PS, GS, GH, GE, CO, TS, TR LEWIS & SAUNDERS

P. O. Box 73, Lakeport, N. H. (Tel. LAconia 24881 Gen. Mgr.-Purch.: William W. Saunders

Sales: T. Gary Allen

WARNER LEWIS CO., DIV.-FRAM CORP. 817 N. Lewis Pl., Tulsa, Okla. (Tel. WEbster 9-6386) Purch. Agent: R. P. Leedy Sales Mgr.: T. R. Bradley

LIBRASCOPE INC.

808 Western Ave., Glendale, Calif. (Tel. CHapman 5-2677) Purch. Agent: M. L. Cowen

Purch.-Components: N. Nelson MF, WN, PS, GS, GE, CO, TS, TR

LICON DIV.-ILLINOIS TOOL WORKS 2501 N. Keeler Ave., Chicago 39, Ill. (Tel. CA 7-2200) Purch. Agent: Art Froehlic

Prod. Control Mgr.: Ray Salners Sales: J. O. Roeser PS, GE

LICON & SPIROID DIVS., ILLINOIS TOOL WORKS 2501 N. Keeler Ave., Chicago, Ill. (Tel.

DA 8-5958) Purch. Agent: Arthur Froehlich Div. Mgr.-Sales, Licon: J. Roeser Sales Mgr., Spiroid: W. MacFarland

LIGHT METALS, INC. 1100 E. 24th St., Indianapolis 5, Ind. (Tel. WAlnut 6-4591)

Purch. Agent: Kennen. ... V. P.-Sales: Thomas H. Hargitt MF, WN, PS, GH Purch. Agent: Kenneth R. Goodwin

LINCOLN ELECTRIC CO., THE 22801 St. Clair Ave., Cleveland 17, O. (Tel. IVanhoe 1-8100) Dir.-Purch .: H. A. Burnip Exec. V. P.-Sales: J. S. Roscoe

LINDBERG ENGRG. CO. 2450 W. Hubbard St., Chicago 12, III. (Tel. MOnroe 6-3443)

Purch. Agent: E. A. Griebe
Sales Mgr.: C. F. Burling

GS, GH

PS, GS, TR LINDE CO., DIV.-UNION CARBIDE 30 E. 42nd St., New York, N. Y. (Tel. MU 7-8000)

Mgr.-Mkt. Research & Prom.: S. Hahn MF, WN, PS

ERIK A. LINDGREN & ASSOCIATES, INC. 4515 N. Ravenswood, Chicago 40, Ill. (Tel. SU 4-0710) Erik A. Lindgren

LINEAR, INC.

State Rd. & Levick St., Philadelphia 35, Pa. (Tel. MA 4-4700) Purch. Agent: F. Murphy, Dallas, Pa. (Tel. ORchard 4-1541) V. P.-Sales: F. A. Lewis

LING ELECTRONICS INC. 9937 W. Jefferson Blvd., Culver City, Calif. (Tel. TExas 0-7711) Purch .: Frank Burke Sales: Ralph B. Austrian

LINK AVIATION, INC. Hillcrest, Binghamton, N. Y. (Tel. 3-6311) Purch. Agent: M. B. Bird Buyers: N. Tatich, F. J. Sabraw & J. F. Clark

V. P.-Sales: L. L. Kelly

LION FASTENER CO., INC. Lester, Pa. (Tel. LEhigh 4-9600) Plant Supt.-Purch .: Harold Ollerenshaw Sales: T. R. Dunlevy

EDWIN A. LIPPS ENGRG. 1511 Colorado Ave., Santa Monica, Calif. (Tel. EX 3-0449)

Purch. Agent: Ray E. Haney Prod. Suprvsr.: T. F. Adams Sales Mgr.: B. D. Lipps

LIQUIDOMETER CORP., THE 41-03 36th St., Long (Tel. STillwell 4-1440) Island City, N. Y. Purch. Dir.: R. Hogan V. P.-Sales: H. T. Cullinan

PS, GS, CO, TS, TR LITHIUM CORP. OF AMERICA, INC.

2500 Rand Tower, Minneapolis 2, Minn. (Tel. FEderal 2-7451) Dir.-Purch. & Traffic: John W. Douglas Gen. Purch. Agent: Richard E. Thompson Purch. Agent: Harlin E. Stoterau, 2400 Dakota Ave., St. Louis Park, Minn. (Tel. Liberty 5-8857)

Purch. Agent: Fred Dixon, Bessemer City, N. C. (Tel. MA 9-2282)
Dir.-Sales: J. D. Campbell (Tel. FE 2-7451)

LITTELFUSE, INC.

1865 Miner St., Des Plaines, III. (Tel. VAnderbilt 4-1188) Purch. Agent: Dave Shean Dist. Sales Mgr.: Walter A. Clements

LITTON ENGRG. LABS. P. O. Box 949, Grass Valley, Calif. (Tel. Grass Valley 1730)
Purch. Agent: Mrs. Grace Martz
Gen. Mgr.: F. L. Towne

LITTON INDUSTRIES, COMPONENTS DIV. 5873 Rodeo Rd., Los Angeles 16, Calif. (Tel. VErmont 7-1228) Purch. Agent: Jack Brophy

Dir.-Sales: R. W. Griffiths LIVERMONT, INC. Myrtle & Maple Aves., Monrovia, Calif. (Tel. ELliott 9-2555)

Purch. Agent: J. F. Hubbard Sales Mgr.: M. McLean

LIVINGSTON ELECTRONIC CORP. P. O. Box 3, Livingston, N. J. (Tel. CAldwell 6-3333)

Prod.: Charles L. Nolte Engrg.: R. H. Rose

LOCKHEED MISSILE SYSTEMS DIV. Sunnyvale, Calif. (Tel. REgent 9-9611)

Dept. Mgr.: J. B. McChesney Purch.: M. McGilvray, L. Neuenswander, D. W. Lewis, E. A. Grindle, P. Maggio, C. J. Jennings

Sales Branch Mgr.: R. R. Kearton

LOCKREY CO., THE P. O. Drawer J. Southampton, N. Y. (Tel. SOuthampton 1-0278)

Sales Mgr.: D. I. McMeekan LOEWY-HYDROPRESS, DIV.-BALDWIN-LIMA-HAMILTON CORP.

111 Fifth Ave., New York 3, N. Y. (Tel. ORegon 7-5030)

Purch. Mgr.: John Swanberg Sales: Frederick F. Fielder & Paul Mayer MF, PS, GS, GH, TS

LOGETRONICS INC. 500 E. Monroe Ave., Alexandria, Va. (Tel. TE 6-5180) Prod. Mgr.: William F. Hamilton Dir.-Sales: Gordon O. F. Johnson

LONDON CHEMICAL CO., INC. 1535 N. 31st Ave., Melrose Park, III. (Tel.

AUstin 7-9495) Purch. Agent: R. I. Schub

Sales Mgr.: K. W. Anderson MF, PS, GS, GH

\*LONE STAR PLASTICS CO. INC. 124 Roberts Cut Off, Fort Worth, Texas (Tel. PE 2-1437) Purch. Agent: Mrs. Catherine Hare Sales Mgr.: W. P. Fralia

MF, WN, PS **★**(See advertisement in this issue)

215 Stonehinge Lane, Carle Place, L. I., N. Y. (Tel. EDgewood 4-2300) 2131 Bueter Rd., Ft. Wayne, Ind. (Tel. Mex. (Tel. ALpine 5-1671) Purch. Agent: Perry Weaver Div. Mgr.-Sales: L. V. Julihn E9721) E9721)
Dir.-Material: R. B. Brown
Asst. Dir.-Material: Walter Longbottom
Mgr.-Govt Div.-Sales: David W. Martin
GS, GH, GE, CO, TS, TR Buyer: Richard Hartman Sales Mgr.: Norman A. Terry Div. Mgr.-Sales: L. V. Julihn
MF, WN, PS, GS, GH, GE, CO, TS, TR LONGREN AIRCRAFT CO., INC. 24751 Crenshaw Blvd., Torrance, Calif. (Tel. NEvada 6-5708) Mgr.-Materiel: Wm. F. Hodgson MB MFG. CO. MAGNECRAFT ELECTRIC CO. 781 Whalley Ave., New Haven 8, Conn. (Tel. FUlton 9-1511) Mgr.-Purch.: Carl Verderame 3352 N. Grand Ave., Chicago SI, III. (Tel. EVerglade 4-6868) Buyer: R. D. Splitt Sales: H. D. Steinback GE, TR Purch. Agent: James M. Crawford Buyer: Ervin R. Dew V. P.-Sales: R. C. Buck MF, WN, PS, GS Aircraft Sales Mgr.: T. MacDonald Chief Sales Engr.-Vibration Test Equip.: E. G. Oravec MF, PS, CO, TS, TR MAGNETIC CORE CORP.

John & Lawrence Sts., Newburgh, N. Y.

(Tel. NEwburgh 5116)

Purch. Agent: R. G. Burdick

Sales: Robert Webb GS, TR LOVEJOY FLEXIBLE COUPLING CO. 4949 W. Lake St., Chicago 44, Ill. (Tel. M. C. MFG. CO. P. O. Box 126, 118 Indianwood Rd., Lake Orion, Mich. (Tel. MYrtle 2-2711) Buyer: R. Rhodes Sales: H. P. Ott PS, GS, GH ES 9-3010) V. P.-Purch.: C. P. Hennessy Purch. Agent: Ed Ferguson V. P.-Sales: W. B. Briggs PS, GS, GH MAGNETIC DEVICES, INC. MF ELECTRONICS CO.
122 E. 25th St., New York 10, N. Y. (Tel. GRamercy 3-5899) LUCAS AIRCRAFT SUPPLY CO. 712 East St., Frederick, Md. (Tel. MO 17311 S. Main St., Gardena, Calif. (Tel. FAculty 1-0080) 2-2144) Purch. & Sales Dept.: F. J. Cook Chief Engr.: Martin J. Finkelstein Gen. Mgr.: Frank E. Briney MAGNETIC SEAL CORP. GH, GE, CO, TS, TR 301 Sowams Rd., Barrington, R. I. (Tel. LUKENS STEEL CO. 1st Ave., Coatesville, Pa. (Tel. 2000) MPM, INC. CHerry 5-4800) Gen. Mgr.: R. J. Pfeiffer 9110 George Ave., Cleveland 5, O. (Tel. Purch. Agent: E. Clair Book Asst. Purch. Agent: Albert W. Gudal Buyers: Arthur M. Daggett, John M. Davis, & Donald W. Evans WN, PS, GS, GH BRoadway 1-4456) Buyer: E. A. Feeney V. P.-Purch.: A. B. Cook Purch. Agent: F. K. Lawton Sales Engr.: J. M. Van Walshauser Sales: G. E. Cobly MF, PS, GS MAGNETIC SHIELD DIV.-PERFECTION MICA CO. 1322 N. Elston Ave., Chicago 22, III. (Tel. LUMEN, INC. P. O. Box 905, Joliet, III. (Tel. 3-9324) M & T CO., THE
1212 Chestnut St., Philadelphia, Pa. (Tel. EVerglade 4-2122) PS, GS, GE, CO, TS, TR Purch. Agent: Henry Hucksold MF, WN, PS, GS, GE, CO, TS, TR WAInut 3-0235) LUMINATOR, INC. Comptroller: George Soisson 120 N. Peoria St., Chicago, Ill. (Tel. DE V. P.-Sales: James J. McKeegan MAGNETIC WINDINGS DIV., ESSEX WIRE 7-0737) CORP. Purch .: Ray Lewen M-W LABS., INC. Freemansburg Ave. & Hobson Blvd., Easton, LUMINOUS RESINS INC. 1824 N. Milwaukee Ave., Chicago, Ill. Pa. (Tel. 3-2751) 166 W. Washington St., Chicago, Ill. (Tel. DE 2-4667) (Tel. Dickens Z-4020) Supt.-Purch.: Harold H. Murray MF, WN Purch. Agent: Carl Kichline Sales: J. A. Ritter Pres.: W. A. McCallum MAGNETICO, INC. 6 Richter Ct., E. Northport, N. Y. (Tel. ANdrew 1-4502) MACARR, INC. LUNDEY ASSOCIATES INC. 2543-45 Boston Rd., New York 67, N. Y. 694 Main St., Waltham, Mass. (Tel. TWinbrook 3-6064) (Tel. OL 3-3306) V. P .: Mark Barry GE, TS, TR Purch. Agent: Phil Brumo Purch. Agent: E. J. W. Grenda PS, GE, TR MAGNETROL, INC. 2110 S. Marshall Blvd., Chicago 23, Ill. \*LYON VAN & STORAGE CO., MACCHI & CO. (Tel. Blshop 7-4000)

Purch. Agent: C. F. Sopinski
Sales Mgr.: Lester E. Stybr AIRCRAFT DIV. 819 Valencia St., San Francisco, Calif. 2701 N. Ontario St., Burbank, Calif. (Tel. Victoria 9-3317) (Tel. VAlencia 6-0175) Gen. Mgr.: V. L. Kirkendall PS, GE MAGNUSON ENGINEERS, INC. 509 Emory St., San Jose 10, Calif. (Tel. CYpress 2-3657) Prod. Mgr.: Deane J. Stevens Gen. Mgr.: Ralph C. Butler MACHINE ENGRG. CO. INC. 5110 E. 15th St., Tulsa, Okla. (Tel. WE ★(See advertisement in this issue) 9-6923) Purch. Agent: Milton W. Howe Asst. Purch. Agent: Jack Carter LUNN LAMINATES, INC.
Oakwood Rd. & W. 11th St., Huntington
Station, N. Y. (Tel. HAmilton 3-7200) Mgr.: W. A. Miller MF, WN, PS, GE MACHINERY SALES & ENGRG. CO. V. P .- Sales: Traver J. Smith 422 Empire Bldg., Pittsburgh 22, Pa. (Tel. MAGTROL, INC. Purch. Agent: Edward W. Kirchner ATlantic 1-5586) 240 Seneca St., Buffalo 4, N. Y. (Tel. MOhawk 7451) Pres.: James S. Lunn Engr.: Carl Anders MF, PS, GS, GH, GE, TS, TR V. P.: James F. Duncan MACH TRUCKS, INC., GOV'T. DIV. 1026 17th St., N. W., Washington, D. C. (Tel. RE 7-3993) Sales Mgr.: John E. Traise WN, PS, GS, GE, CO, TS, TR LURIA ENGRG. CO. 1745 Eaton Ave., Bethlehem, Pa. (Tel. UNiversity 7-4651) R. C. MAHON CO., THE 6565 E. Eight Mile Rd., Detroit 34, Mich. (Tel. JEfferson 6-8200) Mgr.-Gov't. Div.: Richard H. McMahon Purch. Agent: C. E. Topping
Asst. to Purch. Agent: R. R. Bergenstock
Buyers: C. A. Moyer & D. S. Luria
V. P.-Sales: E. G. Ball MACKAY RESEARCH LABS. R.R. 2, Box 401, McHenry, 111. Dir.-Purch. & Sales Mgr.: Diane MacKay V. P.-Chg. Purch.: R. J. Kraemer Purch. Agent: C. D. Tucker Buyers: J. R. Schindler, M. H. Ettinger, G. Sepke & P. J. Hunter MF, WN, PS, GS, GH, TS Asst. Dir.-Purch.: Sanders MacKay \*LYCOMING DIV., AVCO MFG. MACMILLAN CO., THE MF, WN, PS, GS, GH, GE, TS, TR CORP. 550 S. Main St., Stratford, Conn. (Tel. DRexel 8-0431) 60 Fifth Ave., New York II, N. Y. (Tel. OR 5-4000) Dir.-Purch .: Frank Larkins Adv. Mgr.: Robert H. Fetridge V. P.-Sales Mgr.: H. Webster Crum CODING MAGLINE INC. 1802 Mercer St., Pinconning, Mich. (Tel. TRiangle 9-2411) MF, WN, PS, GS Missile Frame MF ★ (See advertisement in this issue) Warhead & Nose Cone WN LYNCH CARRIER SYSTEMS INC. Purch. Agent: R. A. Austin Propulsion System PS Sales Mgr.: F. A. Reger 695 Bryant St., San Francisco 7, Calif. (Tel. EXbrook 7-1471) Ground Support GS MF, WN, PS, GS Purch. Agent: J. E. Gilchrist Sales Mgr.: E. B. Stone Ground Handling GH

MAGNASYNC MFG. CO., LTD.

Electronics Purch.: George Duerr

(Tel. STanley 7-5493)

LYNDON AIRCRAFT, INC.
140 Clifford St., Newark, N. J. (Tel. MI

MF, WN, PS, GS, GH, GE, TS, TR

Purch. Agent: Wm. O'Neill

2-4090)

5546 Satsuma Ave., N. Hollywood, Calif.

Mechanical Purch: Louis Schirm
Sales Mgr.: Howard V. Auchstetter
MF, PS, GS, GH, GE, CO, TS, TR

LYTLE ENGRG. & MFG. CO.

1404 San Mateo, S. E., Albuquerque, N.

THOMAS J. LONG, INC.

MAGNAVOX CO., THE

RE 73

CO

TR

Guidance Equipment GE

Test Equipment TS

Check-out Equipment

Tracking & Telemetering

Research & Development

purchasing directory	mai — mic	MASONITE CORP. III W. Washington St., Chicago 2, III.
MAICO ELECTRONICS, INC. 21 N. 3rd St., Minneapolis I, Minn. (Tel.	MARCONI INSTRUMENTS  III Cedar Lane, Englewood, N. J. (Tel.	(Tel. FRanklin 2-5644) Asst. to V. P.: R. K. Lewis
FEderal 9-7041) V. PPurch. & Special Prods. Sales: J. T. Utne	LOwell 7-0607) MgrPurch.: R. J. Bailey Sales Mgr.: W. A. Buck	MAST DEVELOPMENT CO., INC. 2212 E. 12th St., Davenport, Iowa (Tel. 3-9729)
Purch. Agent: John Wheeler Asst. Purch. Agent: William E. Cunningham PS, GS, GH, GE, CO, TS, TR	MARION ELECTRICAL INSTRUMENT CO. Grenier Field, Manchester, N. H. (Tel.	Purch. Agent: Vernon W. Fier Asst. Gen. MgrSales: Leo E. Hubner MF, WN, PS, GS, GH, CO, TS, TR
MALCO TOOL & MFG. CO. 4025 W. Lake St., Chicago 24, Ill. (Tel.	NAtional 5-6971) Purch. Agent: Carl Heath	MASTER APPLIANCE MFG. CO. S32-542 Fourth St., Racine, Wis. (Tel.
SAcramento 2-0187)  Purch. Agent: Walter J. Kulins  Sales Mgr.: Anthony Daidone	Buyer: R. Mahoney V. PSales: E. S. Maury GS, GE, CO, TS, TR	MEIrose 3-7791} Purch. Agent: J. H. Anderson Sales Mgr.: F. E. Schumacher
WN, PS, GS, GE, TS, TR P. R. MALLORY & CO. INC.	MARK PRODUCTS CO. 6412 W. Lincoln Ave., Morton Grove, III.	MASTER SPECIALTIES CO. 956 E. 108th St., Los Angeles 59, Calif.
3035 E. Washington St., Indianapolis 6, Ind. (Tel. MElrose 6-5353) DirPurch.: George C. Mercer	(Tel. ORchard 5-4999) E. F. Harris GS, GE, TR	(Tel. LOrain 4-4481)  Purch. Agent: William Smith  Sales: Art Graver
Capacitor Dept. Purch. Agent: C. A. Rieman Purch. MgrMetallurgical Div.:	MARKITE CORP.  155 Waverly Pl., New York 14, N. Y. (Tel. OR 5-1384)	MASTER TAPE PRINTERS 3400 N. Halsted, St., Chicago 13, III. (Tel.
W. J. Topmiller V. PMarketing: H. C. Buell MF, WN, PS, GS, GH, GE, CO, TS, TR	DirProc.: J. Livingston Purch. Agent: J. Smith Sales: H. A. Gottschall GE, TS, TR	EAstgate 7-3322) Gen. Mgr.: Louis Doremeister Sales: Ruth G. Doremeister
*MALLORY-SHARON METALS CORP.	MARLIN-ROCKWELL CORP. 402 Chandler St., Jamestown, N. Y. (Tel.	MF, PS, TS, TR  JAS. H. MATTHEWS & CO.
980 Warren Ave., Niles, O. (Tel. OL 2-9951) DirPurch. & Traffic: B. E. Marquis	61-541)  DirPurch.: C. A. Berg  Purch. Agent: G. J. Paquin	3942 Forbes St., Pittsburgh 13, Pa. (Tel. MUseum 1-8500) Purch. Agent: G., Gray
DirSales: R. E. Cunnick  ★(See advertisement in this issue)	PS, GS, GH, GE MARMAN DIV., AEROQUIP CORP.	Supt.: A. M. Brown V. PSales: T. J. Miers GS, TR
MANGER ELECTRIC CO. Miller St., Stamford, Conn. (Tel. Flreside 8-7761)	11214 Exposition Blvd., Los Angeles 64, Calif. (Tel. BRadshaw 2-8511) Purch. Agent: W. E. Flaherty	J. A. MAURER, INC. 37-01 31st St., Long Island City I, N. Y. (Tel. STillwell 4-4600)
Purch. Agent: D. M. Frankel Sales Mgr.: B. L. Manger MF, PS, GS, TR	Buyers: V. P. Estes & Jan Smith Aircraft Sales Mgr.: T. J. Josalle	DirProcurement: Leon Shaw Purch. Agent: Charles Schaffer Asst. Buyer-Expediters: Daniel Harrington,
MANSON LABORATORIES, INC. P. O. Box 594, 207 Greenwich Ave., Stam-	MAROTTA VALVE CORP.  Boonton Ave., Boonton, N. J. (Tel, DEerfield 4-2791)	Harold Mancusi  Products Sales Mgr.: Frank J. Kelly  MF, WN, PS, GS, GH, GE, CO, TS, TR
ford, Conn. (Tel. DAvis 4-6738) M. Leroy PS, GS, GE, CO, TS, TR MANTEC INC.	Purch. Agent: Harold Richards PS, GS MARQUARDT AIRCRAFT CO.	W. L. MAXSON CORP., THE 47S 10th Ave., New York 18, N. Y. (Tel.
126 Maryland St., El Segundo, Calif. (Tel. EAstgate 2-0659) Purch. Agent: Melvin C. Berkenbosch	16555 Saticoy St., Van Nuys, Calif. (STate 5-8361) MgrMateriel: R. G. Francis	LOngacre S-1900) Purch. Mgr.: E. V. Anderson Sales Mgr.: W. P. McNally
Buyers: K. C. McBride, C. W. Austin & Fred Morhauser V. PSales: James A. Sneller	DirCust. Rel.: J. Louis Reynolds MF, WN, PS, GS, GH, GE, TS	MF, WN, PS, GS, GH, GE, CO, TS, TR McDONNELL AIRCRAFT CORP.
MAR VISTA ENGRG. CO. 3411 Tulare Ave., Burbank, Calif. (Tel.	JAS. P. MARSH CORP. 3S01 Howard St., Skokie, III. (Tel. ORchard 3-4300)	Lambert St. Louis Airport, Box 516, St. Louis 3, Mo. (Tel. PErshing 1-2121) V. PProcurement & Quality Control:
Victoria 9-3251) Prod. & Purch. Control: Russ Bradford Gen. Sales Mgr.: Lee Wixsom	Purch. Agent: P. Keppeler PS, GS, GE, CO, TS	Lloyd Harrison MgrPurch.: W. J. Gamewell MgrSubcontracts: W. P. Becker
PS, GS, GE, CO, TS, TR MARA ELECTRONICS, INC.	JOHN MARSHALL ASSOCIATES, INC. Box 2463, Bridgeport 8, Conn. (Tel. ED 5-9401)	V. PCustomer Service: J. F. Aldridge McCORMICK SELPH ASSOCIATES
44 Court St., Brooklyn I, N. Y. (Tel. ULster 5-0488) Buyer: Mike Voyna	Pres.: M. M. Bassick GE MARTIN CO., THE	Hollister Airport, Hollister, Calif. (Tel. MEcury 7-3731) Purch. Agent: Jim McConnell
Sales Mgr.: Ernie Allen MARBLETTE CORP., THE	Middle River, Md. (Tel. MUrdock 7-3800) V. PSales & Service: Jess W. Sweetser	V. PSales: Frank Lahaye MF, WN, PS, GS, GH, GE
37-31 30th St., Long Island City I, N. Y. (Tel. STillwell 4-8100) Research Dir.: Max Hilrich MF	*MARTIN CO., THE P. O. Box 179, Denver I, Colo. (Tel. PYramid 4-5211) H. W. Merrill	McCOY ELECTRONICS CO. Mount Holly Springs, Pa. (Tel. 376) Purch. Agent: Erwin C. Hess
MARBON CHEMICAL DIVBORG-WARNER CORP. 7165 Chicago Ave., Gary, Ind. (Tel. TUrner	★(See advertisement in this issue)	Sales Mgr.: David B. Jacoby GS, GE, TS, TR  JULIAN A. McDERMOTT CORP.
6-9146) DirPurch.: R. M. Stewart Sales Mgr.: D. M. Pratt MF	MARVEL ENGRG. CO. 7227 N. Hamlin Ave., Chicago 45, III. (Tel. JUniper 8-6023) R. T. Sochor PS, GS	1639 Stephen St., Ridgewood, L. I. 27, N. Y. (Tel. GL 6-3606) J. A. McDermott GS
MARCHANT MACHINING CORP. 4704 Rhode Island Ave., Hyattsville, Md. (Tel. WA 7-6203)	MARYLAND LAVA CO. Box MGD-205, Bel Air, Md. (Tel. 1441)	A. Y. McDONALD MFG. CO. 12th & Pine Sts., Dubuque, Iowa (Tel.
SecyMgr.: John E. Norris GS  MARCO INDUSTRIES CO.	Purch.: John B. Dinning MF, WN, PS, GE, TR	3-7311) Purch. Agent: M. L. Kanl Gen. Sales Mgr.: R. E. Sage
207 S. Helena St., Anaheim, Calif. (Tel. KEystone 5-6037)	MASSA LABS., INC. 5 Fottler Rd., Hingham, Mass. (Tel. River-	MF, GS, GE

Fottler Rd., Hingham, Mass. (Tel. Riverview 9-4800)
 Purch. Agent: Robert R. Thomas
 PS, GS, GH, GE, CO, TS, TR

McDOWELL CO. INC.
3203 W. 71st St., Cleveland 2, O. {Tel.
AT 1-3131}
J. R. Perkins

Purch. Agent & Prod. Supt.: F. C. Loehnig Sales Mgr.: W. W. Bowles MF, PS, GS, GH, GE, TS, TR

McGILL MFG. CO. INC. Valparaiso, Ind. (Tel. 2-6401) Purch. Agent: George A. Walsh V. P.-Sales: K. J. Brownell Purch. Agent: P. L. Cunningham Sales Coordinator: Dale Richins Asst. Dir.-Purch.: Rocca Fantaccione PS. GS. GE Buyers: William Gorman & Ralph Berry V. P.-Sales: John Wilson McKENNA LABS. 2503 Main St., Santa Monica, Calif. (Tel. EXbrook 9-8846) MERCURY AIR PARTS CO., INC. MF, WN, PS, GS, GH, GE, CO. TS, TR 3826 Willat Ave., Culver City, Calif. (Tel. TE 0-5923) METAVAC, INC. TE 0-5923)
Purch. Agent: I. A. Cole
Sales Mgr.: Ralph Cohen
MF, WN, PS, TR Pres.: A. G. McKenna 45-68 162nd St., Flushing 58, N. Y. (Tel. GS, GE, TS, TR FLushing 9-8838]
Purch. Agent: R. Finnegan
Gen. Mgr.-Sales: G. H. Fadel
GE, CO, TS, TR McLEAN ENGRG. LABORATORIES
P. O. Box 228, 70 Washington Rd., Princeton, N. J. (Tel. WAlnut 4-4440) MERCURY CONTACTS, INC.

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(Tel. ULrick 9-4201) Purch.: A. Donald Hay Sales: W. B. Eckenhoff METERS INC. S353 N. Keystone Ave., Indianapolis 20, Ind. (Tel. CLifford 5-3S70) Purch. & Sales: F. R. Finehout GE. TR Pres.: A. F. Munhall McMILLAN INDUSTRIAL CORP. Brownville Ave., Ipswich, Mass. (Tel. 0387) V. P.-Purch.: N. N. Janus MERCURY ELECTRONIC CO.

Box 450-C, Red Bank, N. J. (Tel. AT GE, CO, TS, TR 1-2700) Purch. Agent: Brian Abbott METHODE MFG. CORP. Dir.-Purch.: T. George Sales: A. Munchak, Jr. V. P .- Sales: Arthur Brink 7447 W. Wilson Ave., (Tel. UNderhill 7-9600) Chicago 47, III. MF, WN, PS, GE, TS, TR MECHANICAL AIR CONTROLS, INC. 10030 Capital Ave., Detroit 37, Mich. (Tel. MERCURY INTERNATIONAL INDUSTRIES Purch .: J. B. Douglas INC. 253 N. Fair Oaks, Pasadena, Calif. (Tel. GH, GE, TS, TR JOrdan 4-6858) MET-L-WOOD CORP. Purch. Agent: Larry Newton RYan 1-5161) 6755 W. 65th St., Chicago 38, III. (Tel. LUdlow 5-7575) Suprvsr.-Purch.: L. E. Staal V. P.-Purch.: R. R. Miller Sales Mgr.: N. B. Archer Purch. Agent: Edward C. Yore Sales Mgr.: Dwight O. Williamson MECHANICAL DIV.-GENERAL MILLS, INC. Project Machinist: R. Stebenne 1620 Central Ave., Minneapolis 13, Minn. (Tel. STerling 9-8811) Mgr.-Purch.: A. E. Wickman Dir.-Sales: E. F. Coy MF, WN, PS, GS, GE, CO, TS, TR Sales Engr.: D. A. Kellar R. I. METPRO, INC. MERCURY RAD CORP. 230 Toronto Ave., Providence 5, R I. (Tel. 15-35 129th St., College Point S6, N. Y. (Tel. Hickory 5-4449) Purch. Agent: Walter Mack STuart 1-3050) Pres.: James C. Murphy MF, PS, TS, TR MECHANICAL PRODUCTS INC. V. P.-Gen. Sales Mgr.: Anthony Drabicki 1824 River St., Jackson, Mich. (Tel. STate METRON INSTRUMENT CO. MERIDIAN METALCRAFT, INC. 2-0391) 432 Lincoln St., Denver 3, Colo. (Tel. 8739 S. Millergrove Dr., Whittier, Calif. Head-Purch. Dept.: C. C. Frost PEarl 3-3764) Sales Engr.: P. R. Watson (Tel. OXford 2-3761) Purch. Agent: H. N. Carothers Purch, Agent: D. W. Willis Sales Mgr.: C. M. Peterson MF, GS, GE, CO, TS, TR MECHANICS RESEARCH DEPT., AMERI-CAN MACHINE & FOUNDRY CO. 2510 S. Wabash Ave., Chicago 5, III. (Tel. Sales Mgr.: Dick Porter GS, TS METRONIX, INC., SUB.-ASSEMBLY PROD-UCTS, INC. MERIX CHEMICAL CO. WEbster 9-538S) 7S Wilson Mills Rd., Chesterland, Ohio 1021 E. 55th St., Chicago 15, III. (Tel. HYdepark 3-7855) (Tel. HAmilton 3-4440)
Purch. Agent: N. V. Fay
Sales Mgr.: Benjamin R. Kamens Dir.: P. Rosenberg MELETRON CORP. 950 N. Highland Ave., Los Angeles 38, Calif. (Tel. HOllywood 3-4841) Gen. Mgr.-Purch.: Eric O. Sonneman Sales Mgr.: E. Arshack MF, WN, PS, GS, GH, GE, TS, TR GS, GE, CO, TS, TR Purch. Suprvsr.: J. J. Lamb MEYERCORD CORP. 5323 W. Lake St., Chicago 44, III. (Tel. MERZ ENGRG., INC. 200 S. Harding St., Indianapolis, Ind. (Tel. ME 2-7431) Sales Mgr.: Robert G. Breyer GE MELODY MASTER MFG. CO. 2842 N. Cicero Ave., Chicago 41, III. (Tel. Klidare 5-5559) ESterbrook 8-3700) Adv. & Sales Prom. Mgr.: Ralph Royer Purch. Agent: Murray Davidson MEYERCORD CO., THE, AMC DIV. Buyer: Carl Pfeifer 2915 S. Vail Ave., Los Angeles, Calif. (Tel. Sales Mgr.: Chas. V. Retherford Pres.: J. M. Trittenbach RAymond 3-8661) MF, PS, GS Purch .: Robert Bell MENASCO MFG. CO. 805 S. San Fernando Blvd., Burbank, Calif. (Tel. VIctoria 9-3261) MESA PLASTICS CO. Div. Mgr.-Sales: John A. Cargill ME 117SI Mississippi, Los Angeles 25, Calif. (Tel. BR 2-0250) Plant Mgr.: K. G. Wolverton V. P.: F. C. Karas MF, PS, GE, TR (1el. Victoria 9-3261)

Dir.-Materiel Div.: Thomas E. Merrick

Purch. Agent: William Caprine

Prod. Planning (Tex. Div.): William R.

Browne, Box 7397 Sylvania Sta., Ft.

Worth, Tex. (Tel. ATlas 4-3471)

Purch. Dept. (Tex. Div.): John Scruggs, Ft.

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Purch. Agent: H. L. Sprinkel
Sales Mgr.: J. R. Workman MICA FABRICATING CO. Worth 53 Central Ave., Rochelle Park, N. J. (Tel. HUbbard 7-5717) V. P.-Sales: Jack I. Hamilton, Ft. Worth MF, WN, PS, GS, GE, TS, TR MF METAL FORMING CORP. Purch.: M. H. Cymberg Sales: J. W. Canter J. E. MENAUGH CO. 1937 Sterling Ave., Elkhart, Ind. (Tel. 4555 N. Broadway, Chicago 40, III. (Tel. UPtown 8-2343) 3-3760) MF. WN. PS. GE. TR 3-3/60] Purch. Agent: C. H. Schmalzried Gen. Sales Mgr.: C. W. Kelly MF, WN, PS, GS Purch.: M. M. Maher MF, WN, PS, GH, TR CODING MENDELSOHN SPEEDGUN CO. INC. METAL MASTERS, INC. 4th Ave., Haskell, N. J. (Tel. TErhune 5-3224) State Rd. 552, Lafayette, Ind. (Tel. 2-0158) Purch. Agent: Albert J. Marks Missile Frame MF 5-3224) Mgr.: Harold Gaffin MF, PS, GS, GE, TR Warhead & Nose Cone WN MF, WN, PS, GS Propulsion System PS METALLO GASKET CO. 16 Bethany St., New Brunswick, N. J. (Tel. Klimer 5-7223) Ground Support GS MENLO RESEARCH LAB. 538 Phelan Ave., San Jose, Calif. (Tel. CYpress 7-0455) Ground Handling GH

Secy.: G. K. Mordas

(Tel. JE 6-9100)

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MF, WN, PS, GS, GE, TS, TR

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CYpress /-0455)
Dir.-Purch.: Charles Weeks
MF, GS, GE, CO, TS, TR

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MERCAST MFG. CORP. 2620 Ist St., La Verne, Calif. (Tel. LYcom-

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Dir.-Purch .: E. B. Carpenter

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Purch. Agent: N. A. Pomar Sales: C. E. Garneau, Jr. PS, TR

MICHIGAN WIRE CLOTH CO. 2100 Howard, Detroit 16, Mich. (Tel. TAshmoo 6-6500)

Purch. Agent: George H. Leekey V. P.-Sales: W. H. Blodgett PS, GS

MICRO BALANCING, INC.
191 Herricks Rd., Garden City Park, L. I., N. Y. (Tel. Ploneer 6-0851)

Purch: C. A. Pernice

Sales: D. A. Francis

MICRO GEE PRODUCTS, INC. 6319 W. Slauson, Culver City, Calif. (Tel. EXmont 1-1716) Chief Engr.: B. W. McFadden

MICRO SWITCH, DIV.-MINNEAPOLIS-HONEYWELL REG. CO.

13 W. Spring St., Freeport, III. (Tel. STate 4400)

Purch, Agent: W. A. Young Asst. Purch. Agent: R. Waggoner Buyers: B. Swartz, K. Lowe, A. Joesten GE, TS, TR Sales: F. E. Wilsey

MICROLAB 71 Okner Pkwy., Livingston, N. J. (Tel. 6-0692) Purch .: Joel Feldstein

Sales: Harry A. Augenblick GE, TR MICRON GEAR MFG. CO.

73 Rushmore St., Westbury, L. I., N. Y. (Tel. EDgewood 4-8880) Purch. Agent: Bill Benjamin Mgr.-Sales: Milo Amorosia

MICROSONICS, INC. Hingham Ind. Ctr., 349 Lincoln St., Rt. 3A, Hingham, Mass. (Tel. 6-3100) V. P.: Francis E. Baker, Jr. Admin. Asst.-Purch.: Robert J. Gigger

MICROTRAN CO. INC. 145 E. Mineola Ave., Valley Stream, N. Y. (Tel. LO 1-6052)

Purch. Agent: Albert Eisenberg V. P.-Sales: A. Joel Eisenberg GS, TS, TR

MICROWAVE DEVELOPMENT LABS., INC. 92 Broad St., Babson Park 57, Mass. (Tel. CEdar 5-6252)

Purch. Agent: William H. Davis, Jr. Buyer: William McKenna Gen. Mgr.-Sales: Nathaniel Tucker

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MICROWAVE ELECTRONICS DIV., SPERRY GYROSCOPE CO.

Great Neck, N. Y. (Tel. Fleldstone 7-3600) Purch. Agent: G. C. Hees Sales Mgr.: George W. Lober

MICRO-WIRE TUNGSTEN & MOLYBDENUM **PRODUCTS** 301 Crooks Ave., Clifton, N. J. (Tel.

PRescott 9-0819) Stephen H. Meninger

MF, WN, PS, GS, GH, GE

MID-CENTURY INSTRUMATIC CORP. 611 Broadway, New York, N. Y. (Tel. SPring 7-4016) Purch. Agent: Charles Sobel Sales Engrg. Mgr.: Charles B. Husick

MIDLAND MFG. CO., INC. 3155 Fiberglas Rd., Kansas - {Tel. Finley 2-7950} Purch. Agent: H. F. Ellis V. P.-Sales: H. G. Humann Kansas City, Kans.

GS, GE, TR

MIDLAND PAINT & VARNISH CO., THE 3801 E. 91st St., Cleveland S. O. (Tel. BR 1-4050) Purch. Agent: Frank S. Glucek

MF, PS, GE, TR

MIDGET LOUVER CO. 6-8 Wall St., Norwalk, Conn. (Tel. VOlunteer 6-2342) Purch.: Miller Mfg. Co., Barnum Ave., Stratford, Conn. Pres.: Frank J. Scallon

MID-WEST SPRING MFG. CO. 4632-40 S. Western Ave., Chicago 9, III. (Tel. LAfayette 3-1743) Purch. Agent-Chicago Plant: James J.

Dunne. Jr. Purch. Agent-St. Paul Plant: Cliff Reger (Tel. HU 8-2521)

Purch. Agent-Mentone, Ind., Plant: Richard E. Middleton (Tel. EL 3-2415) Sales: L. J. Castaldi

MILES REPRODUCER CO. INC. 812 Broadway, New York 3, N. Y. (Tel. SPring 7-7670) Purch.: J. M. Kuhlik Sales: H. B. Kuhlik

MILJAN DIV., PAUL OMOHUNDRO CO. P. O. Box 396, 15506 Vermont St., Paramount, Calif. (Tel. MEtcalf 3-1023) Purch. Agent: Robert Cowdin

Mgr.-Electronics Div.-Sales: Charles E. Roberts

AUGUST E. MILLER LABS. 9226-9228 Hudson Blvd., North Bergen, N. J. (Tel. UNion 9-2142) Purch. Agent: Mrs. Dorothy Meyer Chief Engr.: August E. Miller Plant Mgr.-Purch.: Charles F. Hummer Chief Mechanic-Purch.: Charles J. Schmidt MF, WN, GS, GE, CO, TS, TR

FRANKLIN P. MILLER & SON, INC. 36 Meadow St., East Orange, N. J. (Tel ORange 3-4522) Purch. Agent: H. Preyer Sales: H. Galanty

J. W. MILLER CO. 5917 S. Main St., Los Angeles 3, Calif. (Tel. ADams 3-4294)
Purch.: L. G. Crawford, Jr. Sales: J. R. Hummes

SANFORD MILLER CO. 691 Bedford Ave., Brooklyn 6, N. Y. (Tel. ULster 8-2817)

MILLER ELECTRO-RESEARCH LABS. 5529 S. 5th St., Milwaukee 7, Wisc. (Tel. HUmboldt 3-6303) A. W. Miller GE

MILLER-ROBINSON CO. 7007 Avalon Blvd., Los Angeles 3, Calif. (Tel. PLeasant 2-6141) Gen. Mgr.: J. B. Leavell

Gen. Mgr.: J. B. Leaven Asst. Sales Mgr.: Myron B. Adler GH, GE

MILMAN ENGRG. CO. 1831 Pontius Ave., Los Angeles 25, Calif. (Tel. GR 3-0616) Mgr.: Herman F. Spowal

MF, WN, PS, GS, GH, GE, CO, TS, TR

MILMANCO Wood Bldg., 3rd & Main Sts., Renton, Wash. (Tel. ALpine 5-8656) Co-Mgr., Purch. & Sales: Philip B. Lund-

Co-Mgr., Purch.: Thomas H. Cooke Supt.: Robert W. Burman

MILO ELECTRONICS CORP. 530 Canal St., New York 13, N. Y. (Tel. BEekman 3-2980) Purch. Agent: Louis Koch

Buyer: Howard Norris Sales Mgr.: Robert A. Smith

MILRO CONTROLS CO. Hawthorne Ave., Park Ridge, N. J. (Tel. PArk Ridge 6-2595) Purch.: Milton Rosen Sales Mgr.: E. D. Burdi

MINATRON CORP.
61 Cliveden St., Belle Mead, N. J. (Tel. FLanders 9-6400)
Gen. Mgr.: C. W. Pressey
TS, TR MINCO PRODUCTS, INC.

740 Washington Ave., N., Minneapolis I., Minn. (Tel. FEderal 8-6753) Purch. Agent: Robert B. Anderson V. P.-Sales: Karl Schurr

GS, GE, CO, TS, TR MINCOM DIV., MINNESOTA MINING & MFG. CO.

2049 S. Barrington Ave., Lo Calif. (Tel. GRanite 9-37SI) Los Angeles,

Purch. Agent: J. J. Huff Sales Mgr.: Robert J. Brown

MINE SAFETY APPLIANCES CO.

201 N. Braddock Ave., Pittsburgh 8, Pa. (Tel. CH 1-5900)

Purch, Agent (Safety Prod.): J. P. Curran Purch, Agent (Tech. Prod.): F. J. Guenther Sales Mgr. (Safety Prod.): F. A. King Sales Mgr. (Tech. Prod.): N. W. Hartz PS, GS, GH, CO, TS

MINIATURE PRECISION BEARINGS, INC. Precision Pk., Keene, N. H. (Tel. ELmwood 2-03101 Purch.: Leo E. Vogel, Harold Mizo, R.

Whitney

Gen. Marketing Mgr.: R. I. Kern PS, GH, GE

MINITRONICS CORP. 328 Grand St., New York 2, N. Y. (Tel. OR 4-8250) V. P.-Prod., Sales: Matthew Katz

GE, TS, TR MINNEAPOLIS-HONEYWELL REGULATOR

CO., AERONAUTICAL DIV. 2600 Ridgway Rd., Minneapolis 13, Minn. (Tel. STerling 1-8011)

Dir.-Proc.: Richard B. Foster Purch. Agent-Raw Materials: O. S. Wil-

liamson Purch. Agent-Prod. Parts & MRO: D. A. Sprague

Purch. Agent-Engrg. & Device Sub.: R. F. Магсу

Purch. Agent-Travelling: E. L. Johnson Mgr.-Sales: C. L. Davis

MINNEAPOLIS-HONEYWELL REGULATOR CO., BOSTON DIV.

1400 Soldiers Field Rd., Boston 3S, Mass. (Tel. Algonquin 4-5200) Purch. Agent: E. L. Hanscom

Sales Mgr.: J. E. Egbert MINNEAPOLIS-HONEYWELL REGULATOR

CO. DAVIES LABS. DIV. 10721 Hanna St., Beltsville, Md. (Tel. WEbster S-2700)

Purch. Agent: John Paszkiet Sales Mgr.: N. S. Bassett GH, GE, TS

MINNEAPOLIS-HONEYWELL REGULATOR CO., INDUST. DIV.

Philadelphia, Pa. Wayne & Windrim Ave., (Tel. DAvenport 9-8300)

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CO., ORDNANCE DIV. 600 2nd St., N., Hopkins, Minn. (Tel. WEstport B-3571) Mgr.-Proc.: J. F. Barrett

Purch. Agent: Ove Olson Purch. Agent: Clifford Swisher, Minneapolis-

MOHAWK WIRE & CABLE CORP. Honeywell Ordnance Missile Engrg. Ctr., (Tel. STadium 2-6626) Sales Mgr.: Richard W. Morse
GH, GE, CO, TS, TR Duarte, Calif. (Tel. ELliott 9-5311) 320 River St., Fitchburg, Mass. (Tel. Dir.-Serv. Engra.: William D. Owens 3-35691 Office Mgr.-Purch.: R. L. Peabody Sales Mgr.: J. W. Resseguie PS, GS, GH, CO, TS, TR MINNEAPOLIS-HONEYWELL REGULATOR CO., SEMICONDUCTOR PRODUCTS CHESTER MORTON ELECTRONICS CORP. 10th St. & Morton Ave., Chester, Pa. (Tel. CHester 3-8584)
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Buyers: Robert Miller & L. D. Isenbarger
V. P.-Sales: D. W. Baker
PS, GS, GH, GE, TR MIRACLE SIGN CO. MF, GS 734 S. Washington, Wichita, Kans. (Tel. HO 4-8593) MONADNOCK MILLS, SUB.-UNITED-CARR FASTENER CORP. Purch. & Sales: C. Drue Jackson MISCO PRECISION CASTING CO.
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WN, GS, GH, GE, CO, TS, TR
\*(See advertisement in this issue) GS. GE MOTOROLA SEMICONDUCTOR PRODUCTS DIV. MONODE INC. 5005 E. McDowell Rd., Phoenix, Ariz. (Tel. 3751 Prospect Ave., Cleveland 15, Ohio (Tel. ENdicott 1-3872) MISSILE DEVELOPMENT DIV., NORTH BRidge 5-4411) AMERICAN AVIATION, INC. 12214 Lakewood Blvd., Downey, Calif. (Tel. V. P.: Ralph Lindsay Sales Mgr.: Gordon K. Lanese Mgr.-Purch.: R. S. Nelson Buyer: A. Porstman LUdlow 2-86S1) Gen. Mgr.-Sales: J. T. Hickey Dir.-Material: Mark Starr MONSANTO CHEMICAL CO. GE, TS, TR Purch. Agent: N. C. Dopheide Lindbergh & Olive St. Rd., St. Louis 24, Mo. (Tel. WYdown 3-1000) PS MUCKLE MFG. CO. MISSILE ENGRG, PRODUCTS, INC. Box 119, Owatonna, Minn. (Tel. 7249) 9th & Guava, Eau Gallie, Fla. (Tel. 4622)
V. P.-Purch.: Jack K. Van Hook
Prod. Mgr.: Don Lathrup
PS, GS, GH, GE, TS, TR Purch. Agent: Robert Doyle MOODY MACHINE PRODUCTS CO., INC. 42-46 Dudley St., Providence 5, R. I. (Tel. GAspee 1-3317) MUCON CORP. 9 St. Francis St., Newark 5, N. J. (Tel. Ml 2-1476) Sales Mgr.: J. H. Moody

MF, WN, PS, GS, GE MISSIMERS INC. Purch. Agent: B. Berkman 3206 Los Feliz Blvd., Los Angeles 39, Calif. Sales Mgr.: M. A. Prince JOHN B. MOORE CORP. (Tel. NOrmandy 5-4261)

V. P.-Purch.: Dale J. Missimer
Engr.-Buyers: H. C. Faris & S. E. Askew
Parts Buyer: C. Lanphear MUELLER ELECTRIC CO. P. O. Box 3, Nutley 10, N. J. (Tel. NUtley 1583 E. 31st \$t., Cleveland 14, O. (Tel. PRospect 1-5225) 2-6566) V. P.-Purch.: John A. Campbell MF, PS, GS, GH, TS Purch. Agent: E. H. deConingh E. C. MITCHELL CO.
Boston St., Middleton, Mass. (Tel. SPring Sales: Scott Mueller MORAN INSTRUMENT CORP. GS, GE, CO, TS, TR 170 E. Orange Grove Ave., Pasadena, Calif. (Tel. SY 6-7158) 4-1191) Prod. Foreman: A. W. Junkunc V. P.-Sales: H. E. Ohanian MODEL RECTIFIER CORP.

MORGANITE, INC. 33-02 48th Ave., Long Island City I, N. Y. (Tel. STillwell 4-3222)

Gen. Sales Mgr.: A. W. Edward MF, WN, PS, GS, GE, TR

378 Elm St., Southbridge, Mass. (Tel. POrter 4-4394)

1300 Soldiers Field Rd., Boston 35, Mass.

MF, WN, PS

J. I. MORRIS CO.

Asst. Mgr.: J. B. Dirlam

FRANK W. MORSE CO.

1065 Utica Ave., Brooklyn 4, N. Y. (Tel. HYacinth 5-4600)

ISOO Bangs Ave., Asbury Park, N. J. (Tel.

3235 San Fernando Rd., Los Angeles 65,

GS, TR

PS, GS, GE

MF, WN, GS, GH

Purch. Agent: Anthony lati Sales Mgr.: Samuel Gelber

Purch.: Chas. S. Nadler

PR 4-2519)

MODGLIN CO. INC.

MODELECTRIC PRODUCTS CORP.

Calif. (Tel. CLinton 6-2213)
Purch. Agent: H. E. Fox

CODING Missile Frome MF Warhead & Nose Cone WN Propulsion System PS Ground Support GS Ground Hondling GH **Guidonce Equipment** GE Check-out Equipment CO Test Equipment TS Trocking & Telemetering TR Research & Development RE

purchasing directory	mun — nor	NATIONAL PNEUMATIC CO., INC. 125 Amory St., Boston, Mass. (Tel. JAmaica
MUNSTON MFG. & SERVICE, INC.  Babel St., Islip, N. Y. (Tel. JUniper I-3900)  Purch, Agent: Lou Risman  Substituting Middle	NARMCO MFG. CO. 5159 Baltimore Dr., La Mesa, Calif. (Tel. HOpkins 9-0171) Purch. Agent: R. G. Simoneau	4-7000) DirPurch.: Sidney Coven Gen. Sales Mgr.: J. J. Anderson PS, GE, TS
Sales Mgr.: Theodore Whildin  MULTI-AMP CORP.  465 Lehigh Ave., Union, N. J. (Tel. MUr-	DirSales & Engrg.: D. H. Black MF, WN, RS, GE	NATIONAL RESEARCH CORP. 70 Memorial Dr., Cambridge, Mass. (Tel.
dock 8-7112) Purch.: B. Bernstein Sales Mgr.: Robert S. Beckham	NARMCO RESINS & COATINGS CO. 600 Victoria St., Costa Mesa, Calif. (Tel. Liberty 8-1144)	ELiot 4-5400)  DirPurch.: James R. Caudill  Buyers: Gertrude E. Ryan & Bea M. Matheson  MF, PS, GS, TS
CHARLES MUNDT & SONS 53 Fairmount Ave., Jersey City 4, N. J. (Tel. DElaware 3-6200) Purch. Buyer & Gen. Mgr.: Richard D. Powers	Purch. Agent: Mrs. Maxine Hutchins Buyer: Marion Edkins Gen. Sales Mgr.: Wm. D. Rainey MF, GS, GE, TR  NASH ENGRG. CO., THE	NATIONAL SPECIALTIES CO., INC. 1902 Howell St., Ft. Wayne 7, Ind. (Tel. ANthony 2341) Asst. Gen. Mgr.: Edward C. Doell GS
MURPHY & MILLER INC. 610 W. Taylor St. Chicago 7, III. (Tel. HArrison 7-8900)	Wilson Ave., S. Norwalk, Conn. (Tel. VOlunteer 6-3351)  Purch. Agent: Harry E. Bradbury  PS, GS, GH	NATIONAL SPECTROGRAPHIC LABS., INC. 440 N. E. 17th St., Miami, Fla. (Tel. FRanklin 9-4242) Controller: Frank Kovacs, 6300 Euclid Ave.,
Chief EngrPurch.: Paul H. Brandt Buyer: John Petruska Sales MgrEnvironmental Prods. Div.: Nick E. Miller	NATIONAL AIROIL BURNER CO. 1345 E. Sedgley Ave., Philadelphia 34, Pa. (Tel. Ploneer 3-5300)	Cleveland, O. (Tel. UTah 1-4664) Buyer: B. Patterson, Cleveland V. PSales: D. R. Moore, Miami TS
MUTRON CORP. 125 Perkins Ave. Brockton, Mass. (Tel. JUniper 3-0033)	Purch, Agent: Edward P. Bailey, Jr. V. PSales: Walter A. Horko NATIONAL CASEIN CO.	NATIONAL-STANDARD CO. Howard & 8th Sts., Niles, Mich. (Tel. MUtual 3-8100) V. PPurch.: J. A. Mogle
Purch. Agent: Richard F. Anderson GS, GH, GE, CO, TR	601 W. 80th St., Chicago 20, III. (Tel. VI 6-7300)  Purch. Agent: Richard S. Cook	V. PSales: C. F. Scheehle MF, PS, GS, TR
MYCALEX CORP. OF AMERICA 125 Clifton Blvd., Clifton, N. J. (Tel. PRescott 9-8866) Purch.: H. C. Westervelt	Sales Mgr.: Bart Thielges MF  NATIONAL CERAMIC CO.  S00 Southard St., Trenton, N. J. (Tel.  EXport 4-5373) MF, WN, PS, GE	NATIONAL TEL-TRONICS CORP. 52 St. Casimir Ave., Yonkers, N. Y. (Tel. YOnkers 8-6400) Purch. Agent: William Jaris
Sales: J. H. DuBois MF, WN, PS, GH, GE, CO, TS, TR	NATIONAL COIL CO. P. O. Box 1237, Sheridan, Wyo. (Tel.	Sales Mgr.: Charles J. Siebert .GE, TR  NATIONAL UNION ELECTRIC CORP.
MYKROY, INC. Wheeling & Hintz Rds., Wheeling, Ill. (Tel. 280) Purch.: W. E. Simpson MF	OR 4-7465)  Purch.: Harold Demple  Sales: Joe Demple  MF, GS, GH, GE, TS, TR	1201 E. Bell St., Bloomington, III. (Tel. 7-6041) Chief-Purch.: C. Hoover Sales Mgr.: H. B. Graham
NJE CORP. 34S Carnegie Ave., Kenilworth, N. J. (Tel.	NATIONAL COPPER & SMELTING CO.	GE, TS, TR
CHestnut 1-1500) Purch. Agent: Robert Schrage Engrg. Sales Mgr.: Robert T. Sigmann GS, GE, TR	1862 E. 123rd St., Cleveland 6, O. (Tel. CE 1-2366)  Purch.: C. L. Smith, Jr.  Sales: H. B. Smith MF, PS	826 S. Arroyo Parkway, Pasadena 2, Calif. (Tel. RYan I-9637) Dir-Sales & Purch.: Bert Shilts Sales Mgr.: Miles Abbott
NRC EQUIPMENT CORP. 160 Charlemont St., Newton 61, Mass. (Tel.	NATIONAL ELECTRIC PRODUCTS CORP. Two Gateway Center, Pittsburgh 22, Pa.	MF, PS, GS NATIONAL YULCANIZED FIBRE CO.
DEcatur 2-5800) Purch. Agent: Loring Raymond Asst. Purch. Agent: Norman Resnich Sales Mgr.: Harry D. Stom	(Tel. GRant I-2852)  Purch. Agent: George L. Davis  DirMktg.: Luther D. Shank  MF, PS, GS, GH	Box 311, Wilmington 99, Del. (Tel. OL 5-6371) Dir-Purch.: L. R. Clinton Sales Mgr.: J. R. Kallaher
PS, GS, GH, GE, CO, TS, TR  NYT ELECTRONICS, INC.	NATIONAL ELECTRONICS LABORATORIES, INC.	MF, WN, PS, GE, TR E. V. NAYBOR LABS., INC.
2979 N. Ontario St., Burbank, Calif. (Tel. VIctoria 9-2414) Purch. Agent: G. Graham	1713 Kalorama Rd., N. W., Washington 9, D. C. (Tel. HUdson 3-5000) Production Mgr.: Jack Nagle Sales Mgr.: Charles A. Wall	26 Manorhaven Blvd., Port Washington, N. Y. (Tel. POrt Washington 7-2028) Pres.: E. V. Naybor GS, GE, TR
V. PSales: R. L. Hyder GS, GE, CO, TS, TR GEORGE L. NANKERVIS CO.	GE, TS, TR NATIONAL ENGRG. PRODUCTS, INC.	NAZ-DAR CO. 461 Milwaukee Ave., Chicago 10, III. (Tel. CHesapeake 3-1630)
15300 Fullerton, Detroit 27, Mich. (Tel. VErmont 8-5780) Purch. Agent: R. I. Pieti	V. PPurch.: Clinton Rector	Purch.: Seymour Reiger Sales: R. E. Doran MF, PS, GS, GE, TS, TR
V. PSales: H. W. Grikscheit MF, PS, GS, GH, CO, TS, TR	MF, WN, GS  NATIONAL FOAM SYSTEM, INC. Union & Adams Sts., West Chester, Pa.	NEFF INSTRUMENT CORP. 2211 E. Foothill Blvd., Pasadena, Calif.
NAPOLEON PRODUCTS CO., THE 410 Filmore St., Napoleon, O. (Tel. 5361) Gen. Mgr.: G. M. Small	(Tel. OW 6-3600)  Purch. Agent: A. D. Holmes  V. P.: L. W. Boerner	(Tel. RYan 1-5121) Prod. Mgr.: William P. Shaw Sales Mgr.: Donald B. Schneider CO, TS
Exec. V. PPurch.: E. N. Yeager MF, PS NARDA MICROWAVE CORP., THE	NATIONAL FORGE & ORDNANCE CO. trvine, Warren County, Pa. (Tel. YOungs- ville 2-2301)	NELSON VACUUM PUMP CO. 2133 4th St., Berkeley 10, Calif. (Tel. ASh-
118-160 Herricks Rd., Mineola, N. Y. (Tel. Ploneer 6-4650)	Purch, Agent: Willis Cooney DirSales: J. H. Kannen MF, PS	berry 3-2277) MgrPurch.: D. B. Webb Sales Mgr.: B. J. McClary GH
Purch. Agent: James Orehosky V. PSales: William A. Bourke PS, GH, GE, CO, TS, TR	NATIONAL LOCK CO. 1902 Seventh St., Rockford, III. (Tel. 2-4455)	NEMETH, INC. 2223 S. Carmelina Ave., Los Angeles 64,
NARDA ULTRASONICS CORP., *THE 118-160 Herricks Rd., Mineola, L. I., N. Y. (Tel. Ploneer 6-4650)	V. PGen. Sales Mgr.: A. H. Charles MF, WN, PS, GS NATIONAL METAL EDGE ROX CO	Calif. (Tel. BR 2-3271)  Purch. Agent: R. L. Kritser  Sales: Otto R. Nemeth

V. P.-Sales: E. F. Collins

NATIONAL METAL EDGE BOX CO.
Gloucester Pike, Barrington, N. J. (Tel. NEMS CLARKE CO., DIV.-VITRO CORP. OF LIncoln 7-9000)

NATIONAL METAL EDGE BOX CO.
Gloucester Pike, Barrington, N. J. (Tel. NEMS CLARKE CO., DIV.-VITRO CORP. OF AMERICA

GH

AMERICA 919 Jesup-Blair Dr., Silver Spring, Md.

NARDA ULTRASONICS CORP., \*THE 118-160 Herricks Rd., Mineola, L. I., N. Y. [Tel. Ploneer 6-4650] Purch., Agent: Robert Keller V. P.-Sales Mgr.: Paul M. Platzman PS, GS, GH, GE, CO, TS, TR

NORTH ATLANTIC INDUSTRIES, INC. NEW YORK & NEW JERSEY LUBRICANT (Tel. JUniper 5-1000) Purch. Agent: O. E. Lanham Dir.-Sales: J. F. Whitehead 603 Main St., Westbury, N. Y. (Tel. EDge-wood 4-1122) CO. 292 Madison Ave., New York, N. Y. (Tel. LExington 2-2851) Purch. Agent: Walter Lipkin GE, TS, TR Purch. Agent: F. Roettinger PS, GS, GE, CO, TS, TR NEOSIL PRODUCTS CO. 745 5th Ave., New York 22, N. Y. (Tel. ELdorado 5-5519) NORTH ELECTRIC CO. 553 S. Market St., Galion, O. (Tel. 2-4201) Purch. Agent: C. L. Snyder NEW YORK SOLDER CO., INC. 684 E. 133rd St., New York 54, N. Y. (Tel. Purch. Agent: LaV. Beecher CYpress 2-3740) Mgr.-Sales: L. K. Braunston Purch .: B. Gottlieb MF. PS. TR PS, GS, GE, TR MF, WN, PS, GE NEW YORK TRANSFORMER CO. INC. NORTH HILLS ELECTRIC CO., INC. 402 Sagamore Aye., Mineola, N. Y. (Tel. NETWORK MFG. CORP. 213 W. 5th St., Bayonne, N. J. (Tel. HEm-3rd Ave., Alpha, N. J. (Tel. PHillipsburg 5-1143) 5-1143) Purch. Agent: Carl Seefer GS, GE, TS, TR Ploneer 7-0555) lock 6-9191) GS, GE, CO, TS, TR Purch. Agent-Sales: A. A. Mercer NORTH SHORE NAMEPLATE INC. GE, TS, TR NEWARK WIRE CLOTH CO. 214-27 Northern Blvd., Bayside, N. Y. (Tel. 351 Verona Ave., Newark, N. J. (Tel. HUm-NETWORKS ELECTRONIC CORP. BAyside 4-4000) boldt 3-7700) 14806 Oxnard St., Van Nuys, Calif. (Tel. Sales Mgr.: Harry H. Weir Purch. Agent: E. J. Korn Asst. Purch. Agent: C. P. Haslam MF, PS, GS, GH, GE, TR STate 5-8805) Purch. Agent: Mrs. C. Porter NORTHAM ELECTRONICS, INC. 2420 N. Lake Ave., Altadena, Calif. (Tel. RY 1-9378) NEUMADE PRODUCTS CORP. NEWCOMB SPRING OF CONN. INC. 250 W. 57th St., New York 19, N. Y. (Tel. College Hwy., Southington, Conn. (Tel. Dir.-Purch.: Mrs. Vivian F. Johnson JUdson 6-5810) Asst. to Purch. Agent: Mrs. Angela V. Hill Contract Admin.: Edmund D. Lucas, Jr. MArket 8-5581) Purch. Agent: John Freeland Exec. V. P.-Purch. & Sales: L. E. Jones Purch .: R. V. Nigro MF, PS, TS, TR PS, CO, TS, TR J. M. NEY CO., THE
Drawer 990, Hartford I, Conn. (Tel., CHapel 2-2281) NEUTRONIC ASSOCIATES NORTHEAST ELECTRONICS CORP. 93-14 101st Ave., Ozone Park 17, N. Y. (Tel. VI 7-7703) Airport Rd., Concord, N. H. (Tel. CA 5-6641) Purch. Agent: Ralph Fothergill Chif Engr.: Jose Hernandez Mgr.-Industrial Sales & Engrg.: Kenneth Pitney MF, PS, GS, GE, TR Purch.: D. C. Syphers NEW BRITAIN MACHINE CO., THE, PRE-V. P.-Sales: E. A. Slusser GS, TS CISION PRODUCTS DIV.
South St., New Britain, Conn. (Tel. BAld-NORTHEASTERN ENGRG. INC. 25 S. Bedford St., Manchester, N. H. (Tel. NICE BALL BEARING CO. 30th & Hunting Park Ave., Philadelphia 40, win 9-1641) Pa. (Tel. BAldwin 3-6000) Dir.-Purch .: R. Hulbert NAtional 2-6485) Purch. Agent: Fred Dimond Purch. Agent: J. Devokaitis Purch. Agent: G. A. Murch V. P.-Sales: Theo E. Spilker Sales Mgr.: R. M. Durmer Buyer: L. Bourquin CO, TS Asst. Purch. Agent: E. Johnson Sales Mgr.: W. R. Knowles W. H. NICHOLS CO. NORTHERN ENGRG. LABORATORIES, INC. 48 Woerd Ave., Waltham 54, Mass. (Tel. TWinbrook 4-0650)
Dir.-Purch.: W. E. Neese
Asst. Dir.-Purch.: R. H. Stearns
Sales Mgr.: John Freeto 372 Wilmot Ave., Burlington, Wisc. (Tel. ROckwell 3-7155) NEW ENGLAND ELECTRICAL WORKS, INC. Pres. & Sales Mgr.: John D. Holmbeck 365 Main St., Lisbon, N. H. (Tel. 8-6620) PS, GS, GH Exec. Asst.-Purch.: W. W. Jesseman NORTHERN PLASTICS CORP. Treas.: L. H. Dumdey NON-LINEAR SYSTEMS INC. 2nd Market St., La Crosse, Wis. (Tel. MF, GS, GH, TR Del Mar Airport, Del Mar, Calif. (Tel. SKyline 5-1134) 4-6070) NEW ENGLAND LAMINATES CO., THE Purch. Agent: S. L. Noe Sales: R. B. Haugen MF, PS, GE, TS, TR Dir.-Material: Wm. Clemens Buyers: Marjorie Wheldon & Wm. Foster V. P.-Sales: Frank C. Strauss 481 Canal St., Stamford, Conn. (Tel. DAvis 4-4181) Tech. Dir.-Purch.: Robert J. Hill NORTHROP AIRCRAFT, INC. GS, GH, GE, CO, TS, TR Sales Mgr.: Bruce B. Greenfield
MF, WN, PS, GS, GE, TR P. O. Box 1525, 9756 Wilshire Blvd., Bev-NOOTER CORP. 1400 S. 2nd St., St. Louis 4, Mo. (Tel. erly Hills, Calif. (Tel. ORegon 8-9111) NEW ENGLAND SCIENTIFIC INSTRU-NORTHWESTERN ELECTRIC CO. MAin I-6000) 1750 N. Springfield Ave., Chicago 47, III. (Tel. DIckens 2-4400) MENTS CO. Purch. Agent: H. Lurtz 238 Main St., Cambridge 42, Mass. (Tel. V. P.-Sales: A. Schwarz PS, GS KI 7-1997) Purch. Agent: Paul Christiansen Geoffrey Knight, Jr. NOPCO CHEMICAL CO. Gen. Sales Mgr.: George D. Craig, Jr. PS, GE, CO, TS, TR Harrison, N. J. (Tel. HUmboldt 3-6200) GS, GH Purch.: Foster Jones V. P.-Sales: W. B. Morehouse
MF, WN, PS, GS NEW ENGLAND TRANSFORMER CO., INC. NORTON ASSOCIATES, INC. P. O. Box 96, Garden City, N. Y. (Tel. IV 3-2968) McGrath Hwy., Somerville 43, Mass. (Tel. SOmerset 6-6100) \*NORMANDY ELECTRIC WIRE V. P. & Gen. Mgr.: H. F. S. Morris V. P.-Sales: R. S. Norton GE, TR CORP. NEW ENGLAND TAPE CO. INC. 30 Tower St., Hudson, Mass. (Tel. HUdson 965) MF, WN, PS, GS, GE 125 Second St., Brooklyn 31, N. Y. (Tel. TRiangle 5-9863) NORTON CO. New Bond St., Worcester 6, Mass. (Tel. SW 8-2511)

Mktg. Expediter: Lester W. Goody

Tech. Sales Mgr.: Richard E. Thaw

NORTH AMERICAN AVIATION, INC.

ERNST NORRMAN LABORATORIES

107-109 W. 18th St., New York II, N. Y. (Tel. WA 4-8360) Purch.: Norman L. Thaw

Williams Bay, Wisc. (Tel. Circle 5-5516)

NORSID MFG. CO., INC., THE 33 Prospect St., Yonkers, N. Y. (Tel. YOnkers 5-8145)

(See Autonetics Div., Missile Development Div., Rocketdyne Div.)

MF, GS, GH, CO, TS, TR

GS, GE, TS

MF

Purch. Dept.: Milton Imbey

NORRICH PLASTICS CORP.

Ernst Norrman

Purch.: Jack Deutsch

Sales: Harold Deutsch

★(See advertisement in this issue)

NEW PROCESS METALS, INC.

(Tel. MArket 4-1380)

Sales: J. R. Zikmund

Gen. Mgr.-Purch.: 1. S. Hirschhorn Sales Mgr.: B. M. Berzon

45-65 Manufacturers Place, Newark 5, N. J.

NEW YORK AIR BRAKE CO., THE, WATER-

TOWN DIV.
Starbuck Ave., Watertown, N. Y. (Tel.
WAtertown 7700)

WAterrown 7700,

Dir.-Purch.: R. R. Petersen

Purch. Asst.: H. A. Hardman

Buyers: P. F. Hoag & R. H. Madden

Gen. Sales Mgr.: H. R. Doughty, Jr.

MF, PS, GS, GE

NEW YORK COIL CO., INC. Phoenixville, Pa. (Tel. WEllington 3-3114) Purch.: Miss Doris I. Darlington

PS, GS, GE, TS, TR

CODING Missile Frame MF Warhead & Nose Cone WN Propulsion System PS **Ground Support** GS Ground Handling GH **Guidance Equipment** GE Check-out Equipment co Test Equipment TS Tracking & Telemetering TR Research & Development RE

MF, WN, PS, GS, GE

Gen. Purch. Agent: G. D. Seguin

Chief Buyer: H. H. Anderson

Dir.-Sales: R. M. Johnson

# . . . purchasing directory nu-pau

NU STEEL CO. 1714 S. Ashland Ave., Chicago 8, Ill. (Tel. HAymarket 1-5760) Pres.: Lew W. Cleminson

NUCLEAR CORP. OF AMERICA, INC. 400 Park Ave., New York 22, N. Y. (Tel. PLaza 8-0700) Purch. Agent-Central Electronics: Michael Buff, Rockaway, N. J. (Tel. 9-4200) Purch. Agent-NRD Instrument Co.: Karl Wolf, St. Louis, Mo. (Tel. WOodland

2-21621

Sales: Sam Norris

NUCLEAR MEASUREMENTS CORP.

2464 N. Arlington Ave., Indianapolis 18, Ind. (Tel. Liberty 6-2415) Purch. Agent: James L. Sommerville Chief Engr.: Herbert S. Fall Gen. Sales Mgr.: Cort L. Kegley

NUCLEAR PRODUCTS-ERCO, DIV.-ACF IN-DUSTRIES

Riverdale, Md. (Tel. WArfield 7-4444) Purch. Agent: R. C. Nill
Sr. Buyers: E. T. Wagner & J. J. Dye
Mktg. Mgr.: Conan J. Doyle
MF, WN, GS, GH, GE, TS, TR

NUCLEAR-CHICAGO CORP. 223 W. Erie, Chicago, III. (Tel. DE 7-3060) Purch. Agent: Robert Young V. P .: John Kuranz

NUTT-SHEL CO. 811 Airway, Glendale 1, Calif. (Tel. Cltrus 4-4191)

Purch. Agent: P. Welch Chief Sales Engr.: R. C. Poucher

MF, PS

O & M MACHINE CO., INC. 7421 E. Slauson Ave., Los Angeles 22, Calif. (Tel. PArkview 8-2181) Purch. Agent: A. M. Foster

Sales: Axel Dodson MF, WN, PS, GS, GH, GE, TS, TR OPW-JORDAN CORP.

6013 Wiehe Rd., Cincinnati 13, Ohio (Tel. EL 1-1352) Chief Sales Engr.: P. H. Coleman Sales Engrs.: A. M. Ottesen & R. J. Peters Gen. Mgr.: G. B. Richards, Jr.

GS, GH

O & S RESEARCH, INC. 1811 Bannard St., Riverton, N. J. (Tel. TA 9-28001

Purch. Agent: Edward R. Sanders Sales Mgr.: Donald G. Wright
WN, PS, GS, GH, GE, CO, TS, TR

OAKITE PRODUCTS, INC. 7 Rector St., New York 6, N. Y. (Tel. WHitehall 3-0940)

Purch. Agent: S. L. Remlein Gen. Sales Mgr.: F. L. Oldroyd MF, WN, PS, GS, GH

OERLIKON TOOL & ARMS CORP. OF

AMERICA
P. O. Box 3049, Asheville, N. C. (Tel. ALpine 3-6464)

Chief-Procurement: William L. Hayes

OFFNER ELECTRONICS INC.

5320 N. Kedzie Ave., Chicago 25, III. (Tel. IRving 8-7067) Purch. Dept. Head: H. Lewis

V. P.-Purch.: Irving Hoffman Sales Mgr.: G. W. Little

GE, CO, TS, TR

OHIO CARBON CO., THE 12508 Beren Rd., Cleveland 11, O. (Tel. CL 2-4380) Purch. Agent: R. Hawrylak V. P.-Sales: F. C. Aurand

MF, PS, GS, GE, TR

OHIO PISTON & MACHINING CO., THE 5340 Hamilton Ave., Cleveland 14, Ohio (Tel. Express 1-7400)

Purch. Agent: C. J. Winter

Sales Mgr.: C. F. Buker

MF. PS. GS. GH

OHIO PRECISION CASTINGS, INC.
109 Webb St., Dayton 3, O. (Tel. CLearwater 3-4183)

Pres.-Treas.: W. J. Prestel

OHIO SEAMLESS TUBE DIV.-COPPERWELD STEEL CO. Shelby, O. (Tel. 3-1010)

Purch. Agent: R. R. Underhill Asst. Purch. Agent: R. W. Winck Mgr.-Sales: J. E. Horner MF, PS

OIL-DYNE, INC. 2115 W. Marquette Rd., Chicago 36, Ill. (Tel. HEmlock 4-2300)

Purch. Agent: Andrew Pappas

OIL-RITE CORP.

2318 Waldo Blvd., Manitowoc, Wisc. (Tel. MUrray 2-2428) Purch. Agent: Gus Lukas Sales Mgr.: Merwin R. Scheider GS

OKONITE CO., THE 220 Passaic St., Passaic, N. J. (Tel. PRescott

Dir.-Purch.: K. T. Gordon V. P.-Mktg.: C. M. Kirkland

MF. PS. GS. GH. CO. TS. TR

OLIN MATHIESON CHEMICAL CORP., HIGH ENERGY FUELS DIV. P. O. Box 480, Niagara Falls, N. Y. (Tel.

BUtler 4-7811)
Purch. Dir.: J. C. Pfisterer
Mgr.-Customer Relations: G. Richard Lott

MF, WN, PS, GS, GH, GE

OLYMPIC PLASTICS CO., INC. 3471 S. La Cienega Blvd., Los Angeles 16, Calif. (Tel. TExas 0-1121)

Purch. Agent: Robert Calhoon V. P.-Purch.: D. C. Siteman Sales Mgr.: H. M. Rome

MF, PS, GS, GH, GE

OMEGA LABS., INC. Haverhill St., Rowley, Mass. (Tel. WHitney 8-7757 Treas.: H. B. Ribbel GE, CO, TS, TR

D. W. ONAN & SONS INC. S. E., Minneapolis 2515 University Ave., S. E. 14, Minn. (Tel. FE 2-1155)

Dir.-Procurement: H. P. Richter Mgr.-Purch. Dept.: L. V. Moen V. P.-Sales: Hiram Hascall

ONONDAGA POTTERY CO., ELECTRONICS DIV. 1858 W. Fayette St., Syracuse 1, N. Y.

(Tel. HOward 8-1681)
Purch. Agent: Richard W. Gaudern
Asst. Dir. Chg. Sales: P. L. Christensen GS. GE. TR

ONSRUD MACHINE WORKS, INC. 7746 Lehigh Ave., Niles 31, III. (Tel. 7-8700)

V. P.: A. L. Breuer MF, WN, PS, GS OPAD ELECTRIC CO.

69 Murray St., New York, N. Y. (Tel. BEekman 3-7548) Gen. Mgr.: Henry L. Opad MF, GS, GH, GE, CO, TS, TR

OPELIKA WELDING, MACHINE & SUPPLY INC. P. O. Box 310, Opelika, Ala. (Tel. SHer-

wood 5-3524) Purch. Agent: J. P. Byrd Engr.-Purch.: Wm. S. Harris V. P.-Sales: C. Foster

MF, PS, GS, GH

OPTIMIZED DEVICES, INC. P. O. Box 38 Cedney Sta., White Plains, N. Y. (Tel. Wisconsin 7-3798) Purch.: Arthur Zuch

GS, GE, CO, TS, TR

OPTOMECHANISMS INC. 216 E. 2nd St., Mineola, N. Y. (Tel. Ploneer 6-5576)

6-35/0]
Purch, Agent: John Ferrante
Exec. V. P.-Sales: J. Harvey McCoy
GS, GH, GE, CO, TS, TR

\*OPTO-METRIC TOOLS, INC.

137 Varick St., New York 13, N. Y. (Tel. ORegon 5-9076) Sales Mgr.: A. A. Crystle

Gen. Mgr.: F. Koenig

GS, GE, CO, TS, TR ★(See advertisement in this issue)

ORANGE ROLLER BEARING CO., INC. 557 Main St., Orange, N. J. (Tel. ORange 3-6161)

Sales: T. E. Cushing MF, WN, PS, GH, GE

ORBITRAN CO., INC. t. I. Box 635, Lakeside, Calif. (Tel. Hlckory 3-6832)

Gen. Mgr.: E. W. Fischer

ORGANIC DEVELOPMENT CORP., SPECTRA-STRIP DIV. 10052 Larson Ave., Garden Grove, Calif. (Tel. JEfferson 7-4530)

Sales Mar.: John Ford GS, GH, TR

ORRADIO INDUSTRIES, INC. Shamrock Circle, Opelika, Ala. (Tel. SHerwood 5-5771)

Purch. Agent: Thad McEachin V. P.-Sales: Nat Welch

ORTHO FILTER CORP.

196 Albion Ave., Paterson, N. J. (Tel. MUlberry 4-5858)

Purch. Agent: W. Levine Sales: George G. Pagonis GE, TR

ORTMAN-MILLER MACHINE CO. INC 19 143rd St., Hammond, Ind. (Tel. WEstmore 1-1710) Gen. Mgr.: A. H. Ortman

ORYX CO.
9015 Wilshire Blvd., Beverly Hills, Calif.

(Tel. BRadshaw 2-6635) OSBORNE ELECTRONIC SALES CORP.

712 S. E. Hawthorne Blvd., Portland 14, Ore. (Tel. BElmont 2-0161) Purch. Agent: C. E. Stonecipher V. P.-Sales Mgr.: Robert E. Mitchell
GS, GE, TS, TR

\*JOHN OSTER MFG. CO., AVIONIC DIV.

One Main St., Racine, Wisc. (Tel. MElrose 3-6331)

Purch. Agent: Roy Arcand Rust, Purch, Agent: Robert Stratman Buyers: Ray Carlson, Anthony Methenitis, Roy Woods, Parnell Bjerke & Hugo Zerbe Eastern Sales Mgr.: Irving G. Epstein Western Sales Mgr.: Ward S. Carlson PS, GS, GE, TS

★(See advertisement in this issue)

OVERLOAD CONTROL CO.

260-11 Langston Ave., Floral Park, N. Y. (Tel. Fleidstone 3-7819) Purch.: R. Ronnie Sales: Earl Elwyn Smith PS, GS, TS

OWATONNA TOOL CO.

Owatonna, Minn. (Tel. 5591) Purch. Agent: C. P. Kaplan

OWEN LABS., INC. 55 Beacon Pl., Pasadena, Calif. (Tel. RYan

1-69011 Purch. Agent: W. N. Fellows Sales Mgr.: Russell E. Quackenbush

GS, GH, GE, CO, TS, TR

GS

5827 W. Century Blvd., Los Angeles 45, Calif. (Tel. OR 8-1221) CORP. 12333 W. Olympic Blvd., Los Angeles 64, Calif. (Tel. BRadshaw 2-2171) 8335 S. Halsted St., Chicago 20, Ill. (Tel. HUdson 3-3800) HUdson 3-3000)
Purch. Agent: Donald J. Freeburg
Sales Prom. Mgr.: Grover D. Harris
PS, GS, GH, CO, TS Purch. Agent-Check Div.: R. Fix Mgr.-Material: Wm. Winckler
Purch.: A. R. Curry
Chief-Sales & Contracts Admin.:
Hugh L. Vick GS, GH, CO, TS Purch. Agent-Fuel Div.: W. Parker Purch. Agent-Hydraulics Div.: W. Zimmerman Sales Mgr.: A. V. Zukas OZONE METAL PRODUCTS CORP. 101-32 101st St., Ozone Park 16, N. Y. (Tel. Virginia 6-3300) MF, PS, GS, GH, GE \*(See advertisement in this issue) PARKER- HANNIFIN CORP., PARKER RUB-Purch. Agent: E. Kulick PACKARD ELECTRIC DIV.-GENERAL Buyer: A. Maurici V. P.-Sales: W. E. Criley MF, WN, PS, GS, GE, TS, TR BER DIV. MOTORS CORP. Dana St., Warren, O. (Tel. 3250-1)

Procurement Mgr.: D. E. Tritten PAKER-HANNIFIN CORP., PARKER FIT-TINGS & HOSE DIV. Buyers: L. Raymond Clutter, K. F. Dymond, PIC DESIGN CORP., SUB.-BENRUS WATCH G. E. Gibbons, H. H. Grebe Gen. Sales Mgr.: R. U. Montgomery MF, PS, GS, GH, GE, TS, TR PARKER-HANNIFIN CORP., PARKER HY-CO., INC. DRAULICS DIV. 477 Atlantic Ave., E. Rockaway, L. I., N. Y. (Tel. LYnbrook 3-6470) 17325 Euclid Ave., Cleveland 12, O. (Tel. KEnmore 1-3000) PACO ELECTRONICS CO., INC. 70-31 84th St., Glendale 27, L. I., N. Y. Purch. Agent: Mrs. T. Balze Sales: P. Wellenberger Gen. Purch. Agent-Parker-Hannifin: H. H. Krause (Tel. DAvenport 6-3982)
Dir.-Purch.: A. S. Weingast
Sales Mgr.: J. M. Kirshbaum MF, WN, PS, GS, GH, GE, TS, TR Purch .- Parker Fittings & Hose Div.: F. A. Jenkins PACE ELECTRICAL INSTRUMENTS CO., Purch.-Parker Rubber Div.: E. Luckas INC. PALMER THERMOMETERS, INC. Purch .- Parker Hydraulics Div .: 70-31 84th St., Glendale 27, L. I., N. Y. E. J. Anderson 2502 Norwood Ave., Cincinnati, O. (Tel. (Tel. DAvenport 6-3982) Dir.-Purch.: A. S. Weingast ME 1-1500) Gen. Sales Mgr.-Parker-Hannifin: Purch. Agent: S. Rolfsen D. A. Cameron Industrial Sales Mgr.: G. N. Goldberger Sales & Adv. Mgr.: Douglas H. Hitt PS, GE, CO, TS, TR PARKER-HARTFORD CORP., THE PACIFIC ALLOY ENGRG. CORP. 650 Franklin Ave., Hartford, Conn. (Tel. 400 Raleigh Ave., El Cajon, Calif. (Tel. PANORAMIC RADIO PRODUCTS, INC. 520 S. Fulton Ave., Mt. Vernon, N. Y. (Tel. OWens 9-4600) CHapel 6-1651) Hickory 4-6148) Purch. Agent: Thomas H. Daley Sales Mgr.: Wesson C. Miller Purch. Agent: S. L. Collier PS MF, PS, GE Sales: Oscar Eggen V. P.-Purch.: Samuel Kleinman RALPH M. PARSONS CO., THE, ELEC-MF, PS, GS, GE, CO, TS, TR TRONICS DIV.

151 S. De Lacey Ave., Pasadena, Calif.

(Tel. Los Angeles—RYan 1-0461) PACIFIC AUTOMATION PRODUCTS, INC. 1000 Air Way, Glendale, Calif. (Tel. PAPER MFGRS. CO. CHapman 5-6871) 9800 Bustleton Ave., Philadelphia 15, Pa. Purch. Agent: Roland Eatrom Mgr.-Proc.: Daniel IVI. Og. Mgr.-Bus. Dev.: Edson C. Lee GS, GE, CO, TS, TR Mgr.-Proc.: Daniel M. Ogden (Tel. ORchard 3-4500) Chief Liaison Engr.-Sales: William W. Buckley Dir.-Purch.: J. Walker GS, GH, TR Chicago Fld. Sales Reps.: Robert J. Moore & Samuel Der Bois, 510 N. Dearborn St., PACIFIC COAST ENGRG. CO.
Oak & Clement Sts., P. O. Drawer "E",
Alameda, Calif. (Tel. LA 2-6100)
Purch. Agent: M. H. LaRue PARTS ENGRG, CO., INC. 760 N. Marshall Ave., El Cajon, Calif. (Tel. Chicago, Ill. Y. State (Northern) Fld. Sales Rep.: Don Carroll, 308 Collins Ave., Fayette-Hickory 4-9481) Purch. Agent: B. York Sales Mgr.: M. M. Van Dyke
MF, WN, PS, GS, GH ville, N. Y. Gen. Sales Mgr.: J. P. Tepley N. Y. & N. J. Fld. Sales Rep.: Joseph I. Shields (Tel. N. Y. C.—Dlgby 9-3720) N. Y. C. & New England Fld. Sales Rep.: PACIFIC CUT WASHER CO. PATTERSON FOUNDRY & MACHINE CO., 2501 E. 56th St., Huntington Park, Calif. (Tel. LUdlow 3-6781) Charles R. Weber, Philadelphia THE 1250 St. George St., P. O. Box 743, East Liverpool, O. (Tel. FUlton 5-2400) Purch. Dir.: C. E. Schneider Chief Buyer: J. E. Doherty Gen. Mgr.: J. R. Bougher PAPESCH & KOLSTAD, INC. MF. WN. PS. GS P. O. Box 3726, 10707 Capital Ave., Oak Park 37, Mich. (Tel. Lincoln 7-6400) PACIFIC DIV.-BENDIX AVIATION CORP. V. P.-Purch: M. R. Papesch Dir.-Sales: Everett A. Sisson MF, WN, PS, GS, GE, TR 11600 Sherman Way, N. Hollywood, Calif. MF, WN, PS, GS, TS (Tel. POplar 5-1010) Telemetering Sales Mgr.: E. W. Copeland Electronics Sales Mgr.: H. D. Wilkinson Hydraulic Sales Mgr.: J. G. Weldon MF, PS, GS, GH, GE, CO, TS, TR PARAGON ELECTRIC CO. MOOS DIV.-UNIVERSAL 1600 12th St., Two Rivers, Wisc. (Tel. 303)
Purch. Agent: G. J. Powalish
V. P.-Sales: Read W. Eldred PATTERSON, WINDING CO., INC.
90-28 Van Wyck Expressway, Jamaica 18,
N. Y. (Tel. AXtel 7-4400) Purch. Agent: Howard L. Abeel WN, PS, GS, GH, GE, CO, TS, TR PARAGON-REVOLUTE CORP. 77 South Ave., Rochester 4, N. Y. (Tel. PACIFIC MOULDED PRODUCTS CO. BAker 5-2480) 905 E. 59th St., Los Angeles I, Calif. (Tel. Purch. Agent: W. T. Nurse Sales Mgr.: L. G. Booth F. H. PAUL & STEIN BROTHERS, INC. ADams 1-1151) 235 5th Ave., New York 16, N. Y. (Tel. Mgr.-Purch.: George Hoffman Sales Mgr.: C. E. Wilson MU 4-6370) PARAMETERS, INC. 195 Herricks Rd., New Hyde Park, N. Y. (Tel. Ploneer 6-0155) PAUL & BEEKMAN, INC. 1801 Courtland St., Philadelphia 40, Pa. (Tel. DAvenport 9-9050) Purch. Agent: Thomas J. Mount V. P.-Sales: J. E. Schmidt MF, WN, PS, GS, GH, GS, TS, TR MF, WN, PS, GE PACIFIC RESISTOR CO. 1881 S. Sepulveda Blvd., Los Angeles 25, Calif. (Tel. GR 9-1412) Sales Mgr.: John R. Crawford MF, PS, GS, GE, TS PARAMOUNT PAPER TUBE CORP. 614 S. Lafayette St., Ft. Wayne 2, Ind. (Tel. A-4197) Purch .: H. A. Guiness GE, TR PACIFIC SCIENTIFIC CO. P. O. Box 22019, Los Angeles 22, Calif. (Tel. LUdlow 3-1121) Gen. Mgr.: R. R. Weimer CODING PARISH PRESSED STEEL, DIV.-DANA CORP. Box 1422, Robeson & Weiser Sts., Reading, Pa. (Tel. FRanklin 3-4211) Dir.-Sales & Serv., Aeronautical Div.: Andre W. Reichel Missile Frame MF Warhead & Nose Cone WN PACIFIC TUBE CO. Dir.-Purch.: E. R. Kohl Purch. Agent: W. H. Fahnestock Buyers: C. R. Kline & E. Hartman Sales Mgr.: S. L. Whitehall Propulsion System PS Tollow Co. St., Los Angeles 22, Calif. (Tel. RAymond 3-1331)

Purch. Agent: W. H. Kepp

Sales Mgr.: W. P. Armstrong MF **Ground Support** GS Ground Handling GH MF, WN, PS, GS, GH **Guidance Equipment** GE co Check-out Equipment

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FLushing 9-7000)

34-10 Linden Pl., Flushing 54, N. Y. (Tel.

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PARKER AIRCRAFT CO.

OXYGEN EQUIPMENT & SERVICE CO.

PACIFIC UNIVERSAL PRODUCTS CORP.

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Consultant & Representative	PERFORMANCE MEASUREMENTS CO. 15301 W. McNichols Rd., Detroit 35, Mich.	Fabricated Parts Buyers: W. D. Vice & W. C. Hinz
PEARSON ELECTRONICS 707 Urban Lane, Palo Alto, Calif. (Tel. DA 5-3147)	(Tel. VErmont 8-7879)  Purch. Agent: Harry Edwards  Sales Engr.: Louis H. Larime TS	Non-Ferrous Metals Buyer: A. J. Salmon Sales: J. M. Hume MF, WN, GS
PECK & HARVEY MFG. CORP.	PERKIN ENGRG. CORP. 345 Kansas St., El Segundo, Calif. (Tel.	PHAOSTRON INSTRUMENT & ELECTRONIC CO.
5650 N. Western Ave., Chicago 45, III. (Tel. ED 4-2200) Purch. Agent: Burf Kemp Sales Mgr.: S. A. Harvey	OR 8-7215) Purch. Agent: Pat Cerella Sales Prom. Mgr.: George W. Mousel PS, GS, GE, TR	ISI Pasadena Ave., S. Pasadena, Calif. (Tel. CLinton 5-1471) Purch. Agent: Al Lowenstein V. PSales: W. A. Beswick
PEERLESS ELECTRONICS INC.	PERKIN-ELMER CORP.	WN, PS, GS, GE, CO, TS, TR
5338 Alhambra Ave., Los Angeles, Calif. (Tel. CApitol 1-5196) Sales: Robert Monroe MF, PS	Main Ave., Norwalk, Conn. (Tel. Victor 7-2422)	PHELPS DODGE COPPER PRODUCTS CORP. 300 Park Ave., New York, N. Y. (Tel.
PEERLESS PHOTO PRODUCTS INC.	DirPurch.: Patrick O'Gorman Asst. Purch. Agent: George Hodge	PLaza 1-3200) Purch. Agent: P. G. Lee
Tesla Rd., Shoreham, N. Y. (Tel. 4-2817)  Purch. Agent: Pat Hajek  Sales: Arthur Taber  GS	Electronic Buyer: Arthur Cummings Buyers: William Douda & David Fournier Sales-Eng. & Opt. Div.:	MgrStyroflex Cable DivSales: F. W. Lemly
PEERLESS PRODUCTS INDUSTRIES 812 N. Pulaski Rd., Chicago 51, III. (Tel.	John D. Winninghoff Sales-Instrument Div.: Paul C. Hutchinson	GS, GH, CO, TS PHILADELPHIA GEAR WORKS, INC.
BElmont 5-9883) Buyer: Walt Griffing	Sales-Vernistat Div.: Eugene W. Dunstan WN, PS, GS, GH, GE, CO, TS, TR	Erie Ave. & G St., Philadelphia, Pa. (Tel. GA 6-9400) Purch. Agent: Mr. Marts
5ales Mgr.: V. Mathews MF, WN, PS, GS, GE, TR	PERMAG CORP. 214 Taaffe Pl., Brooklyn 5, N. Y. (Tel.	Sales Mgr.: Howard Murray PS, GS
PEIRCE DICTATION SYSTEMS 5900 N. Northwest Hwy., Chicago 31, III. (Tel. ROdney 3-3220)	MAin 2-0114) Pres.: L. T. Sherwood GS, GE, TS, TR	PHILADELPHIA SCIENTIFIC GLASS CO. R.D. I, Paletown Rd., Quakertown, Pa. (Tel. KEystone 6-4203)
V. P. & SuptPurch.: Emil C. Steinbach Purch. Agent: Stanley L. Domin TR	PERMANENT FILTER CORP. 1800 W. Washington Blvd., Los Angeles 7, Calif. (Tel. REpublic 1-7381)	Sales Mgr.: Frank Bender MF, PS, GS, GE, TS, TR
*PENBERTHY MFG. CO.	Chief Purch. Agent: Gardner Reynolds Acting Sales Mgr.: Corte F. Truax	GEORGE A. PHILBRICK RESEARCHES, INC. 230 Congress St., Boston 10, Mass. (Tel.
1242 Holden St., Detroit 2, Mich. (Tel. TRinity 5-0900)	PERMAX PRODUCTS DIV., CHISHOLM-	(HUbbard 2-3225) Purch. Agent: John Dowd
Sales Mgr.: Howard Strohmaier GS, CO, TS	RYDER CO., INC. Highland & College Ave., Niagara Falls,	Sales & Appl. Engrg.: Daniel H. Sheingold PS, GS, GE, CO, TS, TR
*(See advertisement in this issue)  PENETONE CO., THE	N. Y. (Tel. 9186) DirPurch.: Larry Fischer	PHILCO CORP., GOVERNMENT & INDUS-
Tenafly, N. J. (Tel. LOwell 7-3000)  Purch. Agent: H. R. Haskell	MgrPermax Div.: B. B. Mitchell	TRIAL DIVS. 4700 Wissahickon Ave., Philadelphia 44,
Asst. Purch. Agent: C. Goldberg V. PChg. Sales: H. E. Roberts WN, PS, GS, GH	PERMOFLUX PRODUCTS CO. 4101 San Fernando Rd., Glendale 4, Calif. (Tel. CH 5-5111)	Pa. (Tel. TEnnessee 9-4000)  Purch. Mgr.: John R. McAllister  Mktg. MgrGovt. Prods.:
PENN FIBRE & SPECIALTY CO., INC.	Purch. Agent: S. H. Ise Sales: R. W. Gutherie	Frank D. Langstroth MF, PS, GS, GH, GE, CO, TS, TR
2024 E. Westmoreland St., Philadelphia 34, Pa. (Tel. REgent 9-4862) V. PSales: William K. Davis	GS, GH, GE, CO, TS, TR PERMONITE MFG. CO. 444 Lake Shore Dr., Chicago 11, Ill. (Tel.	PHILCO CORP., LANSDALE TUBE CO. DIV. Church Rd., Lansdale, Pa. (Tel. ULysses
MF, WN, PS, GE, TR PENN-MICHIGAN MFG. CORP.	Michigan 2-1915) Purch. Agent: H. B. Laufer	5-4681) Purch. Agent: A. G. McIlvaine
220 S. Kirk St., West Lafayette, Ohio (Tel. 5-6311)	Asst. Purch.: S. Boss Sales Mgr.: A. L. Kaye	Buyers: Alan Dayton, W. R. Lewis, J. McBreen, R. Haughs & E. C. Lutz Asst. Buyer: Mary Bartholemew
Purch. Agent: L. F. Howbert Pres.: E. F. Rickelman	PESCHEL ELECTRONICS, INC. R.F.D. I, Patterson, N. Y. (Tel. TRinity	Gen. Sales Mgr.: Cyrus H. Warshaw
PENNSYLVANIA PUMP & COMPRESSOR CO.	8-3251) Pres.: Stephen S. Peschel	PHILIPS & DAVIES INC. 1030 Steiner Ave., Kenton, O. (Tel. 2-1120)
Easton, Pa. (Tel. 3-4276) Purch. Agent: R. Beadell	GS, GE, CO, TS, TR	Purch. Agent: G. R. Leoffert V. PSales: J. W. Stuckey MF, WN, GS, GH, TS
Sales Mgr.: W. E. Anderson GS, GH	PESCO PRODUCTS DIVBORG-WARNER CORP.	PHILLIPS AVIATION CO.
PENN-TRAN CORP. E. Bishop St., Ext., Bellefonte, Pa. (Tel. ELgin 5-4747)	24700 N. Miles Rd., Bedford, O. (Tel. Cleveland-MOntrose 2-2100) MgrPurch.: H. L. Sanders	1525 Monterey Rd., S. Pasadena, Calif. (Tel. RYan 1-1181) Sales: Howard P. Ladd MF, PS, GH
Purch. Agent: E. E. Grine SecyTreas.: N. H. Krauss	Buyers: George Weidinger, William Erwin & John Lander	*PHOENIX PRODUCTS CO.
PENTA LABS., INC. 312 N. Nopal St., Santa Barbara, Calif.	Gen. Sales Mgr.: D. R. Spotz MF, PS, GS, GH, GE	4715 N. 27th St., Milwaukee, Wis. (Tel. UP 1-1680) Purch. Agent: H. W. Heard
(Tel. WOodland S.4S81) Purch. Agent: J. D. Thwing Sales Mgr.: R. L. Norton GE, TR	PETCH MFG. CO. S. Shore Rd., Alpena, Mich. (Tel. 1400) Purch. Agent: C. R. Meharg	Asst. Mgr., Metal Spinning Div.: Edwin Weiss MF, WN, PS, GS, GE
PERFECTION INDUSTRIES, DIVHUPP	Head-Sales: W. W. Hutch, 463 York St., Detroit 2, Mich. (Tel. Tri. 1-4240)	★(See advertisement in this issue)  PHOTOBELL CO., INC.
CORP., MOBILE PRODUCTS DEPT. 1135 Ivanhoe Rd., Cleveland 10, O. (Tel.	MF, PS, GS, TS	43 Vesey St., New York 7, N. Y. (Tel. WOrth 2-6739)
ULster 1-6200) Purch. Agent: W. H. Mansfield	PETERSON & NEVILLE INC. 365 Dorchester Ave., Boston, Mass. (Tel. AN 8-2548)	Purch. Agent: S. Faber Gen. Mgr.: A. Edelman
Buyers: D. Fetzer & H. H. Haldeman PERFECTO CAST	Purch. Agent: Dolph Dufresne V. PSales: Wm. N. Weickert	MF, GH, GE, CO, TS, TR PHOTOCIRCUITS CORP.

Purch. Agent: Dolph Dufresne V. P.-Sales: Wm. N. Weickert

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PHOTOCON RESEARCH PRODUCTS	MF, PS, GS, GH, CO, TS, TR	Purch. Agent: Harold D. Miner DirSales: Carl Thoene
421 N. Altadena Dr., Pasadena, Calif. (Tel.	PNEU-HYDRO VALVE CORP. 364 Glenwood Ave., East Orange, N. J.	PS, GS, GE, TI
SYcamore 2-4131) Buyer: P. J. Davison	(Tel. ORange 7-1200)	POTTER INSTRUMENT CO., INC.
Sales Engr.: Howard W. Gates PS, GS, GE, CO, TS, TR	Purch. Agent: George T. Stern Sales Mgr.: James W. Reilly	Sunnyside 8lvd., Plainview, N. Y. (Tel OVerbrook 1-3200)
	PS, GS, GH, GE	Purch. Agent: W. Gerber Asst. Purch. Agent: G. Chieco
PHOTOVOLT CORP.  95 Madison Ave., New York 16, N. Y. (Tel.	POLARAD ELECTRONICS CORP.	V. PSales: E. D. Gray
MUrray Hill 6-3350)	43-20 34th St., Long Island City, I., N. Y. (Tel. EXeter 2-4500)	*HAROLD H. POWELL CO.
Purch. Agent: H. W. Lindemann V. PSales: B. A. Silard CO, TS	DirPurch.: L. Lieberman	2102 Market St., Philadelphia 3, Pa. (Te
PHOTRON INSTRUMENT CO.	Buyers: Jack Marks, B. Flax, I. Wasserman, & D. Rosenbloom	LOcust 7-5285) Purch. Agent: Joseph Harris
6516 Detroit Ave., Cleveland 2, O. (Tel.	Sales Mgr.: A. A. Goldberg GS, GH, GE, CO, TS, TR	V. P.: J. Lewis Powell PS, GS, GE, CO, TS, TI
ATlantic 1-7020) Sales: M. A. Fayerweather	JOSEPH POLLAK CORP.	★(See advertisement in this issue)
CO, TS, TR	81 Freeport St., Boston 22, Mass. (Tel.	POWER SOURCES, INC.
PIASECKI AIRCRAFT CORP.	AVenue 2-9550) V. PPurch. Agent: Henry L. Brandt	South Ave., Burlington, Mass. (Tel BRowning 2-3000)
Island Rd., International Airport, Philadel- phia 42, Pa. (Tel. SAratoga 7-9750)	Asst. Purch. Agents: James J. Burns &	Purch. Agent: Harry Merchant
Purch, Agent: James F. Guckes	Joseph F. Connolly Sales MgrElectronics Div.:	Buyer: Bob Stetson Exec. V. PSales: Stanley Golembe
Buyers: William M. Collins & A. C. Ryan	Harold A. MacDonald GS, GE, TR	GS, GE, TI
PICKERING & CO., INC. Sunnyside Blvd., Plainview, L. I., N. Y. (Tel.	POLYMER CORP., THE	POWERS REGULATOR CO., THE 3400 Oakton St., Skokie 66, III. (Tel. OF
OVerbrook I-0200)	2120 Fairmont Ave., Reading Pa. (Tel. FRanklin 6-7241)	3-6700)
Purch.: Richard Neuffer GS, GE, CO	Purch. Agent: Paul T. Border Sales Mgr.: Robert E. Barthold	Purch. Agent: R. C. Guhr Asst. Purch. Agents: R. Bennett & V.
PIERCE GOVERNOR CO., INC., THE	MF, WN, PS, GS, GE, TR	Wiland
1625 Ohio Ave., Anderson, Ind. (Tel.	POLYPHASE INSTRUMENT CO.	PRECISE DEVELOPMENT CORP.  2 Neil Ct., Oceanside, N. Y. (Tel. RC
3-5331) Purch. Agent: E. Browning	E. 4th St., Bridgeport, Montgomery Co., Pa. (Tel. BRoadway 9-4660)	6-0171)
Sales Mgr.: L. E. Boren PS, GS	Purch. Agent: D. C. Morris	Purch.: M. Byron Sales: C. David TS, TR
PIEZO PRODUCTS CO.	Sales Mgr.: D. J. Seifert GE, CO, TS	PRECISE INSTRUMENT PARTS CO., A
Whitney St., Sherborn, Mass. (Tel. TR 9-9497)	POLY-SCIENTIFIC CORP. P. O. Box 118, Blacksburg, Va. (Tel.	CORP.
Pres.: D. MacDougall PS, GS, CO	PRescott 2-8042) Purch. Agent: Herbert H. Albert	4520 San Fernando Rd., Glendale 4, Calif (Tel. Cltrus 2-0331)
PIONEER ALUMINUM INC.	Exec. V. PPurch.: Robert E. Jordan	Purch. Agent: Mary E. FitzSimmons Gen. MgrSales: Loretta M. Provost
5251 W. Imperial Hwy., Los Angeles 4S, Calif. (Tel. ORegon 8-7621)	GE, CO, TR	PRECISION APPARATUS CO., INC.
Purch. Agent: K. R. Cannon V. PSales: Vern Ammerman	POMONA ELECTRONICS CO., INC. 1126 W. 5th Ave., Pomona, Calif. (Tel.	70-31 84th St., Glendale 27, L. I., N. Y
MF, PS, GH	NAtional 9-9549)	(Tel. DAvenport 6-3982) DirPurch.: A. S. Weingast
IONEER TOOL & ENGRG. CO.	Purch. & Sales Mgr.: Carl Wm. Musarra MF, GH, GE, CO, TS, TR	Sales Mgr.: J. M. Kirshbaum
7401 W. Lawrence Ave., Chicago 31, III. (Tel. UNderhill 7-7500)	POROLOY EQUIPMENT, INC.	PRECISION, INC. 730 N. Lyndale Ave., Minneapolis, Minn
Sales Engr.: Jack Piel	14943 Califa St., Van Nuys, Calif. (Tel. STate 6-2670)	(Tel. FRanklin 4-2321)
ONEER-CENTRAL DIV., BENDIX AVIA-	Purch. Agent: D. S. Draves	V. PSales: D. G. Benner MF, WN, PS, GS, GH, GE, CO, TS, TF
TION CORP. Hickory Grove Rd., Davenport, Iowa (Tel.	DirSales & Engrg.: W. N. Caldwell PS, GS, GH	PRECISION CASTINGS, INC.
DAvenport 7-9101)	H. K. PORTER INC.	1550 Superior Ave., Costa Mesa, Calif
DirPurch.: George Thomas Asst. DirPurch.: Vernon Dick	74 Foley, Somerville 43, Mass. (Tel. PRospect 6-8200)	(Tel. Liberty 8-2278) Purch. Agent: Charles R. Salmon
Sr. Buyers: Donald Patrick & William Hiegel Buyer: Robert Lindsay	Purch. Agent: W. E. Coffey	MF, PS
DirSales & Serv.: I. H. MacMillan	V. PSales: H. M. Webster MF, WN, PS, GS, TS	PRECISION CIRCUITS, INC. 705 S. Fulton Ave., Mt. Vernon, N. Y. (Tel
MF, WN, PS, GS, GH, GE, CO, TS, TR	PORTLAND COPPER & TANK WORKS INC.	MOunt Vernon 4-3737) V. PPurch.: Herbert L. Schwartz
TITMAN MFG. CO. 300 W. 79th Terrace, Kansas City, Mo.	80 2nd St., S. Portland, Me. (Tel. SPruce	GS, GE, TS, TR
(Tel. DE 3-3530)	9-3341) Purch. Agent: Willard Jones	PRECISION ELECTROPLATING CO.
V. P.: A. D. Moore	Buyer-Special Prods. Div.: John Curran	\$19 S. Oakley Blvd., Chicago 12, Ill. (Tel SEeley 3-5855)
PLASTIC AGE SALES, INC.	Sales Mgr.: Harry Higgins MF, WN, PS, GS, GH, GE	James Zacharias MF, WN, PS
14300 Davenport Rd., Saugus, Calif. (Tel.	POSITIVE LOCK WASHER CO., THE	
NEwhall 1530) Purch. Agent: Adolf Kramer	Avenue A & Miller St., Newark 5, N. J. (Tel. Bigelow 3-8460)	CODING
Sales Mgr.: H. E. Renner	Gen. Mgr.: Fred J. Goll	Missile Frame MF
MF, WN, PS, GS PLASTIC CAPACITORS, INC.	POTTER AERONAUTICAL CORP.	Warhead & Nose Cone WN
2620 N. Clybourn Ave., Chicago 14, III.	U. S. Rt. 22, Union, N. J. (Tel. MUrdock 6-3010)	Propulsion System PS
(Tel. Diversey 8-3735) V. PPurch.: Peter H. Berry	Purch. Agent: Harry Carlson V. PSales: Irving Hirsch	Ground Support GS Ground Handling GH
Purch.: Robert Tamkin	PS, GS, GE, CO, TS, TR	Guidance Equipment GE
Sales: Millard Leff GS, GE, TR		41 1 1 4 4 4 4 4 4

GS, GE, TR

PLASTOID CORP. 42-61 24th St., Long Island City I, N. Y. (Tel. STillwell 6-6200) Purch. Agent: Ernest Brown

POTTER & BRUMFIELD INC.

Princeton, Ind. (Tel. FUlton 5-5251)
Purch. Agent: Charles Schrader
Asst. Purch. Agent: Everett Cox
Gen. Sales Mgr.: Nelson Havill GE

Asst. Purch. Agent: Abe Rosenberg POTTER CO., THE

GLen Cove 4-8000)

TR

Check-out Equipment CO

Tracking & Telemetering

Research & Development

Test Equipment TS

purchasing directory	pre — reg	(Tel. CEntral 2-9128) V. PPurch. & Sales: C. F. Fletcher
PRECISION LINE INC. 63 Main St., Maynard, Mass. (Tel. TWin	PROPELLEX CHEMICAL CORP. P. O. Box 187, Edwardsville, III. (Tel. 3400)	Plant Supt.: Kenneth P. Kerr Parts & Work Expediter: Alvin Owens MF, WN, PS, GS, GE, TS, TR
Oaks 7-2451) Gen. Mgr.: L. M. Burgess GE, TR	V. PPurch.: Paul H. Blackmon Sales: Roy H. Bleikamp MF, WN, PS, GS, GH, GE	QUINCY COMPRESSOR CO. 217 Maine St., Quincy, III. (Tel, BA
PRECISION RESISTOR CO. INC. 109 U. S. Hwy. No. 22, Hillside, N. J. (Tel. Blgelow 3-3809)	PROPULSION RESEARCH CORP. 1860 Franklin St., Santa Monica, Calif.	2-7700) Purch. Agent: Richard Busch Sales Mgr.: Loren Gillhouse GS
L. E. Wright, Jr. GE, TR PRECISION TUBE CO., INC.	(Tel. TE 0-7482) MgrCustomer Relations: H. V. Nelson PS	RBM DIVESSEX WIRE CORP. 131 Godfrey, Logansport, Ind. (Tel. 5121)
Church Rd. & Wissahickon Ave., North Wales, Pa. (Tel. OXbow 9-4806) Purch. Agent: Otto Chvoka	PROTECTIVE COATINGS, INC.  Box 3985, Detroit 27, Mich. (Tel. VE	Purch. Agent: C. R. Carr GE  R. C. L. MFG. CO.  Nov. Joseph Ave. Pivarida Purlicator Co.
Sales Mgr.: Matthew F. Balch, Jr. MF, PS, GS, GH, CO	6-4664) H. Tom Collord	New Jersey Ave., Riverside, Burlington Co., N. J. (Tel. HObart 1-1003) Pres.: Charles T. Gamble
H. P. PREIS ENGRAVING MACHINE CO. 651 U. S. Highway 22, Hillside 5, N. J. (Tel. MU 6-7736) Purch.: M. H. Preis	PRYOR MARKING PRODUCTS 434 S. Wabash Ave., Chicago 5, III. (Tel. HA 7-0495) Gen. Mgr.: D. J. Wilken GS	RS ELECTRONICS CORP. 435 Portage Ave. Palo Alto, Calif. (Tel. DAvenport 3-9063) Purch. Agent: W. E. Regan
Prod. Mgr.: J. A. Hoffmann GS PREMIER METAL PRODUCTS CO.	PULSE ENGRG. INC. 2657 Spring St., Redwood City, Calif. (Tel.	Buyer: E. C. Campbell V. PSales: Robert K-F Scal GE
337 Manida St., New York 59, N. Y. (Tel. WYandotte 1-6600) Sales: Edwin L. Kossoy	EMerson 8-3331) Purch. Agent: John Devine GE, TR PURE CARBON CO. INC.	RADAR DESIGN CORP. 3309 James St., Syracuse 6, N. Y. (Tel. HOward 3-5896)
MF, GS, GH, GE, TR PREMIER RESEARCH LABORATORIES, INC.	441 Hall Ave., St. Marys, Pa. (Tel. TE 4-1578)	Pres.: Glyn Bostick GS, GH, GE, CO, TS, TR
79 7th Ave., New York II, N. Y. (Tel. ALgonquin 5-0700)  Purch. Agent: W. J. Gutman	Purch. Agent: H. W. McGeehin V. PSales & Engrg.: M. C. Burr MF, PS, GE, TS	RADAR ENGINEERS 4719 Brooklyn, Seattle 5, Wash. (Tel. LA 5-5335)
Sales Mgr.: M. H. Proelsdorfer GS, GE, TR	PURITAN COMPRESSED GAS CORP., AVIA-	Purch. Agent: W. T. Harrold GS, CO, TS
PRESSED STEEL TANK CO. 1445 S. 66th St., Milwaukee 14, Wisc. (Tel. GReenfield 6-0500)	2012 Grand Ave., Kansas City 8, Mo. (Tel. HArrison 1-2122) Aviation Sales Mgr.: F. C. Stebbins MF, PS, GS, GH	RADEX CORP. 2076 Elston Ave., Chicago 14, 111, (Tel. ARmitage 6-6900) Pres.: R. R. Cook GE, TS
Purch. Agent: R. E. Holmes MgrIndustrial Prods. Div.: T. V. Mont- gomery MF, WN, PS, GS	PYLE-NATIONAL CO., THE 1353 N. Kostner Ave., Chicago 51, III. (Tel. Dickens 2-6300)	RADIAL CUTTER MFG. CORP. 831 Bond St., Elizabeth, N. J. (Tel. ELiza-
PRICE ELECTRIC CORP. E. Church & 2nd Sts., Frederick, Md. (Tel. Monument 3-5141)	Purch. Agent: Carl Mackprang Asst. Purch. Agents: Charles Skobel & William Sheridan	Purch.: Lucien Revol Sales: George S. Mackrin
Purch. Agent: Robert H. Haines Sales Mgr.: Edw. J. Daugherty GE, TR	V. PSales: C. H. Hobbs MgrConnector Div. (Missile Prod. Sales): J. Shearer	RADIANT LAMP CORP. 300 Jelliff Ave., Newark, N. J. (Tel. Blgelow 3-6850) Purch.: L. Mocerino
PRINT LOID, INC.  93 Mercer St., New York 12, N. Y. (Tel. CA 6-7393)	PYLES INDUSTRIES, INC. 8926 2nd Ave., Detroit 2, Mich. (Tel. TRinity 4-2202)	Sales Mgr.: Carl L. Krueger GS, GE RADIAPHONE CO. INC.
SecyPurch.: A. Minner TreasSales: J. M. Wodiska MF, GE, CO, TS, TR	Purch, Agent: H. T. Gerald Gen. MgrSales: C. M. Singleton PS, GS, GH, GE, TR	600 E. Evergreen St., Monrovia, Calif. (Tel. ELliott 8-2585) Purch. Agent: H. E. Adams MgrContracts Dept.: W. H. Schetter
PRINTED ELECTRONICS CORP. 7 North Ave., Natick, Mass. (Tel. OLympic 3-9411) Purch. Agent: Gilman N. Fernald	PYROFILM RESISTOR CO., INC. U. S. Highway 46, Parsippany, N. J. (Tel. DEerfield 4-8282)	MF, PS, GS, GH, GE, CO, TS, TR RADIATION COUNTER LABS., INC. 5121 W. Grove St., Skokie, III. (Tel.
V. PSales: Richard G. Zens PROCESS & INSTRUMENTS	Pres.: John M. Hinkle GE, TR PYROMETER INSTRUMENT CO., INC.	ORchard 3-8700) Purch. Agent: Edward R. Schuch
15 Stone Ave., Brooklyn 33, N. Y. (Tel. GLenmore 2-8380)	92 Portland Ave., Bergenfield, N. J. (Tel. DUmont 4-5140) Purch. Agent: J. Crystall	Sales Mgr.: Charles James Walsh MF, WN, PS, GS, CO, TS, TR *RADIATION, INC.
Office Mgr.: L. Peimer MF, PS, GS, CO, TS	Sales: A. Bollerman MF, PS, GS, CO, TS	P. O. Box 37, Melbourne, Fla. (Tel. 1800) Purch. Agent: W. R. Pierpont
PRODELIN INC. 307 Bergen Ave., Kearny, N. J. (Tel. KE 2-8600)	Q. O. S. CORP.  Bronx Blvd. at 216th St., New York 67,  N. Y. (Tel. OLinville 4-3930)	Sr. Buyer: J. I. Markham  Electronic Buyers: G. Vandegrift & L. R.  Helser
Purch.: G. D. Higgins & R. Munley Sales: L. A. Bondon GS, GH, GE, TR	Purch. Agent: Elliott Reiss  GE, CO, TS, TR	Mechanical Buyer: A. G. George Indust, Buyer: C. C. Rupp GS, GE, CO, TS, TR
PRODUCTION RESEARCH CORP. Thornwood, N. Y. (Tel. ROgers 9-2766)	O. V. S. INC. 20 N. 15th St., E. Orange, N. J. (Tel. ORange 3-3996)	*(See advertisement in this issue)  RADIATION INSTRUMENT DEVELOPMENT
Purch. Agent: Robert E. Fornges Subcontracting: Julius Medalie Sales: James A. Ford	Treas.: Dorothy G. Fogle.  GE, CO, TS, TR	LABORATORY, INC. 5737 S. Halsted, Chicago 21, Ill. (Tel. TRiangle 3-2345)
GS, GE, CO, TS, TR PROGRESSIVE RESEARCH & DEVELOP-	OUAKER RUBBER DIVH. K. PORTER CO., INC. Tacony & Comly Sts., Philadelphia 24, Pa.	DirPurch.: L. J. Hartzer Asst. Dir.: S. O. Saiz
MENT CO., INC. 800 E. Elizabeth Ave., Linden, N. J. (Tel. HUnter 6-5700)	(Tel. JEfferson 3-4800) Gen. Purch. Agent: T. J. Gorman Gen. Sales Mgr.: J. R. Alexander	Purch. Agent: J. F. Miller PS, CO, TS  RADIO CONDENSER CO.  Davis & Congress St. Conder N. J.
Purch, Chief: Garrett Den Bleyker Sales Mgr.: Joseph E. McDonnell MF, PS, GS, GH, GE, CO, TS, TR	PS, GS  QUICK CHARGE CORP.  1750 N. E. 10th St., Oklahoma City, Okla.	Davis & Copewood Sts., Camden, N. J. (Tel. EMerson 5-5500) Purch. Agent: J. W. Willard Sales Mgn.: R. A. Butor TR
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RADIO CORES, INC. 9540 Tulley Ave., Oak Lawn, III. (Tel. GArden 2-3353) Conn. (Tel. UNiversity 5-2141) Buyers: R. Kircher, B. Wiegel, R. Muehl-berger, & M. Carson V. P.: G. H. Keith Miller Sales: George L. Hatheway Gen. Sales Mgr.: M. J. Koenig V. P .- Sales: Arthur J. Mark MF, WN, PS, GS, GH TR PS, GS, GH, GE, TR RAWAY BEARING CO. 4 Forsyth St., New York 2, N. Y. (Tel. WAlker 5-8150) RADIO CORPORATION OF AMERICA, DE-REDSTONE ARSENAL RESEARCH DIV. FENSE ELECTRONICS PRODUCTS
Front & Cooper Sts., Camden 2, N. J.
(Tel. WOodlawn 3-8000) ROHM & HAAS CO. Huntsville, Ala. (Tel. JE 6-4411) Purch.: Alton H. Belcher Purch.: Rubin Yarmush Sales: Aharon Baskin V. P.-Mktg.: J. M. Hertzberg Asst. Purch. Agent: Clarence R. Lumpkin GS, GE, CO, TR PS, GS, GH, GE RAYBESTOS-MANHATTAN, INC. Passaic, N. J. (Tel. GRegory 3-2000) Adv. Mgr.: S. R. Robinson Sales Promotion: R. G. Grundy MF, WN, PS, GS, GH, GE RADIO FREQUENCY CO., INC. Medfield, Mass. (Tel. NOrwood 7-4900) REED & PRINCE MFG. CO. 1 Duncan Ave., Worcester I, Mass. (Tel. Pres.: J. G. Manwaring PL 3-29341 RADIO INDUSTRIES, INC. 5225 N. Ravenswood Ave., Chicago 40, III. (Tel. UPtown 8-6500) Purch. Agent: Everett C. Loomis V. P.-Sales: Ernest C. Boyd RAYMOND ENGRG. LABORATORY, INC. Smith St., Middletown, Conn. (Tel. Dlamond 6-7745) WN, GE, TS MF, WN, PS, GS Purch. Agent: Roy Sielisch REEVE ELECTRONICS, INC. GE, TS, TR 609 W. Lake St., Chicago 6, III. (Tel. RAndolph 6-9755) RADIO SPECIALTY MFG. CO. RAY-O-VAC CO., DIV.-ELECTRIC STORAGE BATTERY CO. 2023 S. E. 6th Ave., Portland 14, Ore. (Tel. Purch. Agent: E. F. Steichmann Sales: I. R. Wayne BE 2-81231 212 E. Washington Ave., Madison 10, Wisc. MF, PS, GS Purch. Agent: Ellis R. Schlosser (Tel. ALpine 5-7201) Purch.: O. B. Wynn V. P. Mktg.: J. A. McIlnay REEVES BROTHERS INC., (VULCAN RUBBER PRODUCTS DIV.-REEVES RADIX WIRE CO. GS, GE 26260 Lakeland Blvd., Cleveland, O. (Tel. PLASTICS INC.) \*RAYTHEON MFG. CO., MISSILE REdwood 1-9191) SYSTEMS HEADQUARTERS DIV. 1071 6th Ave., New York 18, N. Y. (Tel. Purch. Agent: Albert Faber, Jr. PE 6-8600) Sales Mgr.: James B. Irwin MF 50 Winter St., Waltham, Mass. Managing Dir.-Plastics: John Karrh Gen. Mgr.-Vulcan: J. A. Wyatt Purch. Agent, Andover, Mass.: Frank Samuel RAE MOTOR CORP. 2009 Kewaunee St., Racine, Wis. (Tel. MElrose 3-1196) Purch. Agent: Lowell, Mass.: Vincent Sorrentino REEVES INSTRUMENT CORP. Purch. Agent: J. Costabile V. P.: E. K. Hansen Roosevelt Field, Garden City, N. Y. (Tel. Purch. Agent, Bedford, Mass.: Ploneer 6-8100) Robert H. Pohl Purch.: Bernard Paul PS, GS, GH, GE MACHINE & METALS, INC.
65 Rushmore St., Westbury, N. Y. (Tel.
EDgewood 3-4840)
Purch. Agent: John F. V. P.-Sales: C. B. Dewey
PS, GS, GH, GE, CO, TS, TR Purch. Agent, Bristol, Tenn.: Theodore Sheldon RAHM INSTRUMENTS, Purch. Agent, Oxnard, Calif.: Charles A. Wisenbaker REEVES SOUNDCRAFT CORP. Purch. Agent, White Sands, N. M.: 10 E. 52nd St., New York 22, N. Y. (Tel. Purch. Agent: John E. Sullivan V. P.-Sales: R. White Harry Leiper PLaza 9-2644) CO, TS Gen. Purch. Agent: Bruce T. Brace Purch. Agent: Guy Bonham ★(See advertisement in this issue) Sales Mgr.-Audio Div.: George Bassett RAILWAY COMMUNICATIONS INC. Sales Mgr.-Industrial Div.: Wm. A. Morrison 9351 E. 59th St., Raytown 33, Mo. (Tel. FLeming 3-2100)
Sales: E. E. Tuel GE, TS, TR REACTION MOTORS, INC. Denville, N. J. (Tel. ROckaway 9-2323) Purch. Agent: Ernest DeRome Purch. Suprvsrs.: Laurance Levy & J. REEVES-HOFFMAN DIV. Cherry & North Sts., Carlisle, Pa. (Tel. 2480) RALEIGH ENGRG, LABORATORY, AMERICAN MACHINE & FOUNDRY CO. Young Prod. Mgr.: John Marutiak Sales Mgr.: C. M. Rahn Suprvsr. of Expediting: C. Birckholtz Purch. Coordinator: J. Daley 2510 Louisburg Rd., Raleigh, N. C. (Tel. GS, GE, CO, TS, TR TEmple 4-8465) V. P.-Mktg.: D. C. Eaton Gen. Mgr.: J. A. Bolton MF, PS, GS, GH REFLECTONE CORP., THE Post Rd. & Myano Lane, Stamford, Conn. (Tel. DAvis 5-225!) Purch. Agent: Frank G. Hill RAM ELECTRONICS INC. READY POWER CO., THE 600 Industrial Ave., Paramus, N. J. (Tel. 11231 Freud Ave., Detroit 14, Mich. (Tel. COlfax 1-6900) COlfax 1-6900) Purch. Agent: R. Rubin V. P.-Sales: M. Mayersohn GS, GE, TS, TR VA 2-17171 Sales Mgr.: John B. Thaler Purch. Agent: Henry J. Craska V. P.-Sales Mgr.: W. S. Jewell MF, PS, GS, GE MF, PS, GS REGAL PLASTIC CO. 2800 E. 14th, Kansas City 27, Mo. (Tel. RAMO-WOOLDRIDGE CORP., THE RECORA CO., INC., THE 6100 S. Archer Rd., Summit, III. (Tel. BEnton 1-4080) 5730 Arbor Vitae St., Los Angeles 45, Calif. (Tel. ORegon 8-0311) Purch. Agent: Paul Wilde GLobe 8-0450) Mgr-Materiel & Office Serv.: F. M. Brown, Bldg. D, Rm. 1369, 5500 W. El Segundo Blvd., Los Angeles 45, Calif. (Tel. OS-V. P.-Sales: J. S. Kivett PS, GS Purch .: P. Cline Sales: R. A. Hill GE, TR \*REGENT JACK MFG. CO., INC. 11905 Regentview Ave., Downey, Calif. (Tel. LUdlow 7-3225) borne 5-4651) RECTICO, INC. 963 Frelinghuysen Ave., Newark, N. J. DOUGLAS RANDALL INC. (Tel. Blgelow 3-8739) Purch. Agent: F. Fertell Purch. Agents: John Keber & Don Norton 6 Pawcatuck Ave., Westerly, R. I. (Tel. PAwcatuck 5-5757) V. P.-Sales: O. A. McPeek PAwcatuck 5-5/5/7
Purch. Agent: R. Stokes
Material Control: K. Walsh
MF, PS, GS, GE, CO, TS, TR MF, PS, GS, GH RED POINT CORP. \*(See page 000 for advertisement) 1907 Riverside Dr., Glendale I, Calif. (Tel. THornwall 2-4895) Gen. Mgr.: Ralph P. Craig RANDALL GRAPHITE BEARINGS, INC. CODING Box 839, Greenlawn & Lake Sts., Lima, Ohio (Tel. CAtherine 3-1075) Purch. Agent: Frank O. Burnette Sales Mgr.: Ray Chaney WN, PS, GH, GE RED SEAL METALS CO. 10035 Burtis St., South Gate, Calif. V. P.: E. Angell Missile Frame MF Warhead & Nose Cone WN Propulsion System P5 REDMAN ELECTRONICS CORP. Ground Support 92 Prospect St., Thompsonville, Conn. (Tel. Riverview 5-8024) GS

Purch. Agent: David Engleman

REDMOND CO., INC. 201 Monroe St., Owosso, Mich. (Tel. SAratoga 5-5151) Dir.-Purch.: Glen Baumhardt

GS, GE, TS, TR

RANSOHOFF, INC.
N. 5th St. & Ford Blvd., Hamilton, Ohio (Tel. TW 3-5813)
Purch. Agent: C. V. Noonan
V. P.: R. C. Wigger GS

RATTAN MFG. CO., THE P. O. Box 1745, 10 Wall St., New Haven,

RE 85

GH

GE

CO

TS

TR

Ground Handling

**Test Equipment** 

**Guidance Equipment** 

Check-out Equipment

Tracking & Telemetering

Research & Development

# . . . purchasing directory rei—saf

REICH BROTHERS MFG. CO., INC. 1439 Ash St., Terre Haute, Ind. (Tel. CRawford 9638)

Purch. Agent: Clarence C. Loy V. P.-Sales: George T. Davis CH

REICHHOLD CHEMICALS, INC. RCI Bldg., White Plains, N. Y. (Tel. WHite Plains 8-6200) MF, WN

REID METAL PRODUCTS, INC. 2021 N. Lincoln St., Burbank, Calif. (Tel. Victoria 9-1284) Supt.-Purch .: Steve Radick

P.-Gen. Mgr.: John Bogue V. P.-Sales: George G. Gaulk

RELAY SALES INC.

MF, PS, GS, GH, GE

Box 186 MM, W. Chicago, III. (Tel. West Chicago [100] GE. CO. TR Sales: Anthony Scandora

RELIABLE SPRING & WIRE FORMS CO., THE

3167 Fulton Rd., Cleveland 9, O. (Tel. MElrose 1-2800) V. P.-Sales: Ronald F. Pond

MF, WN, PS, TS, TR

RELIANCE AUTOMATIC LIGHTING CO. 1927 Mead St., Racine, Wisc. (Tel. MElrose 2-6171) D. F. Flegel

RENBRANDT, INC. 6 Parmelee St., Boston 18, Mass. (Tel. Highlands 5-8910) Sales: M. Rogers PS, GS, GH

REON RESISTOR CORP. 117 Stanley Ave., Yonkers, N. Y. (Tel. YOnkers 5-9850)

Sales Mgr.: J. J. McCann REPUBLIC AVIATION CORP., GUIDED MIS-SILES DIV.

Jericho Turnpike, Mineola, L. I., N. Y. (Tel. Ploneer 2-4013) Purch. Mgr.: R. Moore

Mil. Contracts: J. Shea MF. WN. PS. GS. GH. GE. TS. TR

\*REPUBLIC MFG. CO.

15655 Brookpark Rd., Cleveland II, O. (Tel. CLearwater 2-1800) Purch. Agent: R. Riley V. P.-Sales: L. J. Henderson

MF, PS, GS, TS ★(See advertisement in this issue)

REPUBLIC STEEL CORP. Republic Bldg., Cleveland 1, O. (Tel. PRospect 1-1400)

Mgr.-Purch. & Raw Materials: W. T. Adams Asst. Mgrs. of Purch.: J. H. Graebing & L. H. Ransom

V. P.-Chg. Sales: Norman W. Foy MF, WN, PS, GS

RESDEL CORP.

Cape May Co. Airport, Wildwood, N. J. Mailing Add.: P. O. Box 217, Rio Grande, N. J. (Tel. Wildwood 2-5643) Office Mgr./Secy.-Treas.: John F. Dieffenderfer

MF, PS, GS, GH, GE, TS

GS, CO, TS, TR

RESDEL ENGRG. CORP. 330 S. Fair Oaks Ave., Pasadena, Calif. (Tel. RYan 1-7689)

Purch. Agent: J. P. Moran Chief Engr.-Sales: Alfred J. Siegmeth PS, GS, GH, GE, CO, TS, TR

RESE ENGRG., INC. 731 Arch St., Philadelphia 6, Pa. (Tel. WAlnut 2-5841) Chief Purch. Agent: Lee Cotler

\*RESEARCH & ADVANCED DE-VELOPMENT DIV., AVCO MFG. CORP.

20 S. Union St., Lawrence, Mass. (Tel. MUrdock 8-6011) Mgr.: Glenn W. Inman Mgr.-Mktg.: R. D. Davis

MF, WN, PS, GS, GH, GE, CO, TS, TR ★(See advertisement in this issue)

RESEARCH APPLIANCE CO. Rt. 8 & Craighead Rd., Allison Park, Pa. (Tel. STerling 2-2262) Purch. Agent: C. W. Thomas PS, GS, GH, GE, CO, TS, TR

RESEARCH CONTROLS 7902 E. 11th St., Tulsa, Okla. (Tel. TEmple 5-7163) Sales: Roy Horton
MF, PS, GS, GH, GE, TS

RESEARCH DEVELOPMENT MFG. INC. 429 E. Collom St., Philadelphia, Pa. (Tel. GLadstone 5-9700) Purch. Agent: A. G. Kamm

Asst. Purch. Agent: Frank Wm. Doll Treas.: L. Kassvan MF, WN, PS, GS

RESEARCH, INC. 115 N. Buchanan Ave., Hopkins, Minn. (Tel. Minneapolis WEst 5-2156) Purch. Agent: G. N. Butzow

RESEARCH PRODUCTS CORP. 1015 E. Washington Ave., Madison 10, (Tel. ALpine 6-0621) V. P.-Chg. Sales: A. W. Brown

PS. GS

RESISTOFLEX CORP. Roseland, N. J. (Tel. CAldwell 6-7700) Purch. Agent: Reuben Atkins

V. P.-Sales: Herman Krebs MF. WN, PS, GS

REVERE COPPER & BRASS INC. 230 Park Ave., New York 17, N. Y. (Tel. MU 9-6800) V. P.-Gen. Sales Mgr.: R. P. Winberg MF, PS, GS, GH

REVOLVATOR CO.
Tonnele Ave. & 86th St., North Bergen,
N. J. (Tel. UNion 9-1220)

Purch. Agent: J. F. Taylor Sales: H. S. Germond III

REX CORP., THE Hayward Rd., West Acton, Mass. (Tel. COlonial 3-7721)

Buyer: S. M. Coyne MF, WN, PS, GS, GH, GE, CO, TS, TR

REZ-COAT OF CALIF. 690 N. Lemon St., Orange, Calif. (Tel. Kellogg 8-1197)
Prod. Mgr.: D. A. Yeomans

Sales: Bruce Brown MF, WN. PS

\*RHEEM MFG. CO., AIRCRAFT DIV.
11711 Woodruff Ave., Downey, Calif. (Tel. TOpaz 1-9711)

Mgr.-Purch.: Robert Lassman Sales Mgr.: Ray Price

MF, PS, GS, GH ★(See advertisement in this issue)

\*RHEEM MFG. CO., ELECTRON-ICS DIV.

7777 Industry Ave., Rivera, Calif. (Tel. TOpaz 1-9271) Dir.-Purch .: Roy Smith Div. Sales Mgr.: Hugh C. Bream GS, GH, GE, CO, TS, TR

★(See advertisement in this issue)

RICHARDS ELECTROCRAFT, INC. 4432 N. Kedzie Ave., Chicago 25, III. (Tel. COrnelia 7-4011) Sales: Stephen G. Richards

MF, GS, GH, GE, TR

RICHMONT, INC. 922 S. Myrtle Ave., Monrovia, Calif. (Tel. ELliott 9-2555)

Purch. Agent: J. F. Hubbard Sales Mgr.: M. McLean GS RIGGS NUCLEONICS CO.

717 N. Victory Blvd., Burbank, Calif. (Tel. Victoria 9-2481) Pres.: Harvey Riggs GS, CO, TS

RIVETT LATHE & GRINDER INC.
P. O. Box 7, Brighton 35, Mass. (Tel. STadium 2-4530)
Purch. Agent: W. C. Woodworth
Sales Mgr.-Hydraulic Div.: J. A. Marsh MF, PS, GS

ROANWELL CORP. 662 Pacific St., Brooklyn 17, N. Y. (Tel. MAin 2-2121) Purch. Agent: H. Schmidt GS. TR

C. F. ROARK WELDING & ENGRG. CO., INC.

Brownsburg, Ind. (Tel. ULrick 2-2224)

Purch. Agent: W. S. Schenck Sales Mgr.: M. E. Mann Factory Mgr.: Glen Seeds

ROBBINS AVIATION, INC. 2350 E. 38th St., Los Angeles 58, Calif. (Tel. LUdlow 9-5221) Dir.-Materiel: R. E. Bixler V. P.-Engrg. & Sales: H. N. Mabery

PS. GŚ. GH ROBERTS TOLEDO RUBBER CO., THE 4143 Monroe St., Toledo 13, O. (Tel. GReenwood 9-4466)

Pres.: Robert Roberts MF, PS, GS, GE

ROBINS INDUSTRIES CORP. 214-26 41st Ave., Bayside 61, N. Y. (Tel. BAyside 5-4200) Purch. Agent: E. DiCarlo

ROBINSON AVIATION, INC. Teterboro, N. J. (Tel. ATlas 8-2500) Purch. Agent: Bruce Mackay Buyers: Howard Kagan & Arthur Cassidy V. P.-Proj. Dev.: H. Erich Nietsch MF, PS, GS, GE, CO, TS, TR

ROBOT APPLIANCES INC. 7041 Orchard St., Dearborn, Mich. (Tel. Tiffany 6-2623) Purch. Agent: K. Krake

MF, PS, GS, GH, GE, TR ROCHESTER DIV., AMERICAN MACHINE & FOUNDRY CO.

4800 Dewey St., Rochester, N. Y. (Tel. CHarlotte 2-5080) Gen. Mar.: H. E. Oles

\*ROCHESTER MFG. CO. INC. 113 Rockwood St., Rochester 10, N. Y. (Tel. BRowning 1-2020) Purch. Agent: L. A. Mumford
V. P.: C. L. Hastings PS, GE, CO, TS

\*(See advertisement in this issue)

ROCKBESTOS PRODUCTS CORP.

Nicoll & Canner Sts., New Haven 4, Conn. (Tel. STate 7-1141) Dir.-Purch.: C. A. Berlepsch Purch. Agent: R. B. Miniter

V. P.-Chg. Sales: H. O. Anderson PS, GS, GH, TS, TR

ROCKETDYNE DIV., NORTH AMERICAN AVIATION, INC. 6633 Canoga Ave., Canoga Park, Calif.

(Tel. Dlamond 7-5651) Purch. Agent: M. J. Dubuc Gen. Supvrs.-Purch.: V. L. Butterbaugh, S. C. Schultz & B. L. Weber

Dir.-Plans & Programs: E. F. Brown PS, GS, GH

RODNEY METALS INC. 1357 Rodney French Blvd., New Bedford, Mass. (Tel. WY 6-5691)

RUBBERCRAFT CORP. OF CALIFORNIA 1800 W. 220th St., Torrance, Calif. (Tel. FAirfax 8-5402) V. P.-Sales: Robert N. Merralls MF, WN, PS, G5, GH, GE, CO, TS, TR V. P.: C. W. Smith Minn. (Tel. TUxedo 1-2685) Purch. Agent: L. A. Dobson Secy.-Treas.: Vernon H. Heath MF, PS, GS, GH Sales: Frank D. Werner PS. GE. TS. TR JOHN A. ROEBLING'S SONS CORP. 640 S. Broad St., Trenton, N. J. (Tel. CHARLES ROSS & SON CO., INC. EXport 6-6511) RUCKER CO., THE 148-156 Classon Ave., Brooklyn 8, N. Y. Dir.-Purch.: R. K. Spofford
Asst. Dir.-Purch.: K. S. Dickel
Buyers: J. G. Hottinger, C. G. Bennighoff,
J. R. Nemeth, W. P. Strohauer & P. S. 4700 San Pablo Ave., Oakland 8, Calif. (Tel. OLympic 3-5221) (Tel, MAin 2-8400) Purch. Agent: Bruno Rivenburg V. P.-Gen. Mgr.: Clarence J. Woodard MILTON ROSS METALS CO., THE 501 Davisville Rd., Southampton, Pa. (Tel. ELmwood 7-4939) Toth RUSSELL MFG. CO., THE V. P.-Sales: E. George Hartmann Middletown, Conn. (Tel. Dlamond 6-7721)

Purch. Agent: Henry Fischer, Jr. MF, PS, GS, GH V. P.: E. D. Ross Pres.: M. I. Ross ROFLAN CO., THE Dir.-Automotive Research & Mfg.: MF, WN, PS, GS, GH, GE, CO, TS, TR Rt. 17, Topsfield, Mass. (Tel. TUcker 7-2321) H. C. Morton Dir.-Research, Textile Div.: T. I. Read ROTARY LIFT CO., DIV.-DOVER CORP. Purch. Agent: William F. Dooley WN, GS, GE, CO, TS, TR V. P.-Sales: L. S. Sullivan 1054 Kansas St., Memphis 2, Tenn. (Tel. WHitehall 8-8561) RUTHERFORD ELECTRONICS CO. V. P.-Purch.: W. E. Rier Sales Mgr.-Elevator Div.: H. G. Sanders Sales Mgr.-Industrial Div.: H. T. Hamm ROGERS CORP. 8944 Lindblade St., Culver City, Calif. (Tel. TExas 0-4362) Rogers, Conn. (Tel. PRescott 4-9605) Purch. Agent: S. Cooper Sales: C. E. Rutherford Purch. Agent: Austin R. Schillinger Dir.-Sales: Benjamin B. Levy PS, GS, TR ROTEX PUNCH CO., INC. MF, WN, PS, GE, TR 2350 Alvarado St., San Leandro, Calif. (Tel. LOckhaven 9-8180) RUTHMAN MACHINERY CO., THE ROHR AIRCRAFT CORP.
Foot of H St., Chula Vista, Calif. (Tel. GArfield 2-7111) 1813 Reading Rd., Cincinnati 2, O. (Tel. MA 1-5462) Prod. Mgr.: Darwin Spolyar Sales Mgr.: John B. Sweeney V. P .- Purch .: A. H. Ruthman GS Materiel Mgr.: C, R. Campbell
Purch. Agent-Engine Equip.: J, W. O'Reilly
Purch. Agent-Outside Mfg.: K, R. Aiken
Raw Materials Purch.: J, F. Moore
Contracts Mgr.: A. R. Campbell RYAN AERONAUTICAL CO. ROTOTEST LABS., INC. 2701 Harbor Dr., San Diego 12, Calif. 2803 Los Flores Blvd., Lynwood, Calif. (Tel. NEvada 6-9238) (Tel. CYpress 6-6681) Materiel Mgr.: M. K. Smith Dir.-Customer Relations: Clark Hickerson Purch. Agent: Mrs. Tim Taylor V. P.-Sales: J. R. Duncan TS MF, WN, PS MF, WN, PS, GS, GH, GE, CO, TS, TR ROLL FORMED PRODUCTS CO. ROTRON MFG. CO. Schoonmaker Lane, Woodstock, N. Y. (Tel. \*RYAN INDUSTRIES 3760 Oakwood Ave., Youngstown, O. (Tel. SWeetbriar 9-3223) 888 E. 70th St., Cleveland 3, Ohio (Tel. ORiole 9-2401)
Purch. Agent: G. W. Howland
Sales Mgr.: David Carlson UT 1-6878) Purch. Agent: S. Kakish Purch. Agents 3. Rolling Sales Mgr.: L. C. Colleran MF, WN, PS, GS, TS, TR Purch. Agent: Carl Breitmayer Mgr.-Engrg.: D. M. Wilkinson GH, GE, TR Sales Mgr.: J. M. Kane ROLLER BEARING CO. OF AMERICA Sullivan Way, W. Trenton, N. J. (Tel. EX 3-7191) MF, PS, GS, GH ROWE INDUSTRIES 1702 Wayne St., Toledo, O. (Tel. WAI-★(See advertisement in this issue) bridge 5666) JOSEPH T. RYERSON & SON, INC. Purch. Agent: R. J. McCoy Purch. Agent: Howard B. Lang Gen. Mgr.-Sales: Harold M. Klopping 16th & Rockwell Sts., Chicago 8, Ill. (Tel. ROckwell 2-2121) MF, PS Sales Mgr.: Robert R. Voorhees PS, GH, GE MF, WN, PS, GS, GH, GE, TS, TR RYTRON CO., INC. 7303 Lankershim Blvd., N. Hollywood, Calif. ROLLWAY BEARING CO., INC. MILTON ROY CO. 1300 E. Mermaid Lane, Philadelphia 18, Pa. (Tel. CHestnut Hill 7-8000) Purch. Agent: E. W. Brook 541 Seymour St., Syracuse 4, N. Y. (Tel. (Tel. POplar 5-0756) GR 5-2121) Purch. Agent: Jack Kennedy Dir.-Engrg.: Robert E. Schlegel Purch. Agent: William R. Bowes Gen. Sales Mgr.: Alfons Alven GF Sales Mgr.: John Procopi
PS, GS, GH, CO, TS Chief Engr., Filters: Carl Nelson Chief Engr., Mag. Amplifier: Charles Temple ROME CABLE CORP. Ridge St., Rome, N. Y. (Tel. ROme 3000)
Purch. Agent: S. O. Williams
Sales Mgr.: D. H. Thayer Sales Mgr.: Norman Haffly
PS, GE, CO, TS, TR ROYAL ELECTRIC CORP. 95 Grand Ave., Pawtucket, R. I. (Tel. PAwtucket 2-8600) SKF INDUSTRIES, INC. Front St. & Erie Ave., Philadelphia 32, Pa. (Tel. GArfield 6-6400) GS, GH, GE, TS, TR Purch. Agent: H. Spanglet V. P.-Sales Operations: S. B. Alperin MF, WN, PS, GS, GH, CO, TS, TR RONAN & KUNZL, INC. 502 S. Kalamazoo Ave., Marshall, Mich. (Tel. STory 1-2861) Purch. Agent: Jack Lawler (Tel. GArrield 6-6400)
Gen. Purch. Agent: F. E. Whyte
Purch. Agent: J. R. Bremer
Suprysr.: W. R. Sine
Buyers: B. F. Maurer, J. A. McCarron, W.
R. Conlogue, & J. A. Choman
Expeditor: D. P. Haggerty
PS, GE ROYAL INDUSTRIES, INC. 1035 Westminster Ave., Alhambra, Calif. Cryogenic Sales Engr.: (Tel. ATlantic 9-5101) Purch, Agent: Victor Kail
V. P.-Sales: R. T. Lowrie
MF, WN, PS, GS, GH, GE, TS Herbert A. Eichstaedt MF, PS, GS, GH RONAN & KUNZL, INC., CRYOGENIC SAFEWAY HEAT ELEMENTS, INC. 680 Newfield St., Middletown, Conn. (Tel. Dlamond 6-6601) DIV. ROYCO INSTRUMENTS Marshall, Mich. (Tel. STory 1-2861)
Purch. Agent: Jack Lawler
Sales: H. E. Eischstaedt WN, 720 Arthur St., Albany 10, Calif. (Tel. Secy.-Asst. Treas.: Joseph F. O'Rourke LAndscape 4-2868 WN, PS, GS PS, GS Bus. Mgr.-Purch. & Sales: David G. Hoffman
Dir.-Purch.: F. Roy Gustavson ROOVERS-LOTSCH CORP. 3611 14th Ave., Brooklyn 18, N. Y. (Tel. GEdney 5-0004) PS, CO, TS CODING Chief Engr. & Gen. Mgr.: Charles F. Lotsch RUBATEX DIV., GREAT AMERICAN INDUSTRIES INC. Missile Frame MF Warhead & Nose Cone WN Plant Supt.: Paul D. Payne Bedford, Va. (Tel. 2611) Purch. Agent: Mary B. Dean Sales Mgr.: W. C. Walters MF, PS, GS Propulsion System PS ROSAN, INC. 2901 W. Coast Hwy., Newport Beach. Calif. (Tel. Liberty 8-5533) Purch. Agent: E. L. Rogers Exec. V. P.-Sales: S. E. Ridderhof MF WN. PS Ground Support GS MF, PS, GE, TR Ground Handling GH

RUBBER & ASBESTOS CORP.

Purch. Agent: Mrs. A. Golden

Pllgrim 8-1300)

MF, WN, PS

ROSEMOUNT ENGRG. CO.

9424 Lyndale Ave., S., Minneapolis 20,

225 Belleville Ave., Bloomfield, N. J. (Tel.

Gen. Sales Mgr.: Harold Greene MF, WN, PS, GE

Guidance Equipment GE

Test Equipment TS

Check-out Equipment CO

Tracking & Telemetering TR

Research & Development

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SAGE ELECTRONICS CORP. 302 N. Goodman St., Rochester 7, N. Y. (Tel. GReenfield 3-5770) Pres.: F. D. Sage GE. TR

SAGE EQUIPMENT CO. INC. 30 Essex St., Buffalo, N. Y. (Tel. ELmwood

Purch.: A. Sperduli Sales: John Haynes

SAGE LABS., INC. 159 Linden St. Wellesley 81, Mass. (Tel. CEdar 5-4760) Admin. Suprvsr.: William S. Patsos GS. GH. GE. CO. TS. TR

ST. JOHN X-RAY LABORATORY Califon, N. J. (Tel. 49)

ST. MARYS CARBON CO. State St., St. Marys, Pa. (Tel. TErminal 4-2844)

Purch. Agent: C. J. Ehrensberger Sales Mgr.: L. W. Eberl MF. WN. PS. GS

ST. REGIS PAPER CO., PANELYTE DIV. 261 Madison Ave., New York 16, N. Y. (Tel. OXford 7-4400)

Purch. Agent: F. P. Yaccarino, Sr., N. Enterprise Ave., Trenton 4, N. J. (Tel. Export 2-2181)

Industrial Sales Mgr.: John M. Zeier

SAN FERNANDO ELECTRIC MFG. CO. 1509 1st St., San Fernando, Calif. (Tel. EMpire 1-8681) Purch. Agent: Richard A. Griffis

SANBORN CO. 175 Wyman St., Waltham 54, Mass (Tel. TW 4-6300) Purch, Dir.: E. A. Gredderg V. P.-Sales: A. E. Lonnberg GE, CO, TS, TR

SANCOR CORP. 1661 Franklin Ave., El Segundo, Calif. (Tel. ORegon 8-5069)

Purch. Agent: A. H. Knight V. P.-Sales: L. H. Sanderfer GS, GH, TS

SANDERS ASSOCIATES, INC. 95 Canal St., Nashua, N. H. (Tel. TUxedo

3-3321)
Purch. Agent: C. Goldthwaite
Mgr.-Field Force: R. F. Willett
GS, GE, CO, TS, TR SANGAMO ELECTRIC CO.

11th & Converse, Springfield, III. (Tel. 4-6411) Purch. Agent-Springfield, Ill.: H. C. Chambers Purch. Agent-Pickens Div., Pickens, S. C .:

R. W. Kreppert [Tel. 6311]

Purch, Agent-Ordill Div., Marion, Ill.:

Rex McCluskey (Tel. 231)

Mgr.-Elect. Comp. Sales: H. L. Kunz

GS, GH, GE, CO, TS, TR

SARATOGA INDUSTRIES Ballston Ave., P. O. Box 422, Saratoga Springs, N. Y. (Tel. 4100)

Dir.-Purch .: J. Zamore PS, GS, GE, CO, TS, TR

SARGENT ENGRG. CORP. 2533 E. 56th St., Huntington Park, Calif. (Tel. LUdlow 3-4161) Purch. Agent: C. A. Brock

Contract Admin.: R. A. Thomas MF, GS, GE

SARKES TARZIAN, INC. 415 N. College Ave., Bloomington, Ind. (Tel. 2-1435) Purch. Agent: Max Robertson

GS, GE, TS, TR

SAUEREISEN CEMENTS CO.

1045 N. Canal St., Sharpsburg Sta., Pitts-burgh, Pa. (Tel. STerling 1-2323) Mgr.-Purch.: G. W. Read, Jr. V. P.-Sales: P. F. Sauereisen

MF, WN, PS, TS, TR

MF. PS

SAXONBURG CERAMICS Saxonburg, Pa.

Gen. Mgr.: George Aderhold

SAYLOR ELECTRIC PRODUCTS CORP. 277 Pierce, Birmingham, Mich. (Tel. JOrdan 6-7122)

Purch .: W. R. Saylor Sales: B. F. Stiles

SCALA RADIO CO.

2814 19th St., San Francisco 10, Calif. (Tel. VA 6-2898) Purch .: Bruno Zucconi SCHAFFER AIR INDUSTRIES, INC. 290 N. Henry St., Brooklyn 22, N. Y. (Tel.

EVergreen 3-5300) Purch .: Bernard Schaffer

MF, WN, PS, GS, GH, GE, TS, TR

RAY A. SCHARER & CO. 17411 E. Warren, Detroit 2, Mich. (Tel. TUxedo 2-7172) Purch.: M. A. Davis Sales: R. A. Scharer

SCHAUER MFG. CORP. 4500 Alpine Ave., Cincinnati 42, O. (Tel. SYcamore I-3030) Purch. Agent: David T. Face V. P.-Sales: S. E. Wright GS, GH, GE, TR

SCHLEGEL MFG. CO. 1555 Jefferson Rd., P. O. Box 197, Rochester I, N. Y. (Tel. HIllside 5-5110) Dir.-Purch.: James Doris Asst. Purch. Agent: William Rose Sales Mgr.: Kenneth C. Schlegel

MF. PS. GS. GH. TR SCHUTTE & KOERTING CO.

Cornwells Hts., Bucks Co., Pa. (Tel. MErcury 9-0900) Purch. Agent: C. W. Alsentzer V. P.-Sales: F. L. Seibold PS. GS

\*SCHWEBER ELECTRONICS 60 Herricks Rd., Mineola, L. I., N. Y. (Tel.

Ploneer 6-6520) Buyer: George P. Heller Sales: Jack Laskin GE ★(See advertisement in this issue)

PETER J. SCHWEITZER, INC.

261 Madison Ave., New York 16, N. Y. (Tel. MUrray Hill 2-8400) Sales: George D. Burns GE, TR

SCIAKY BROTHERS, INC. 4915 W. 67th St., Chicago 38, III. (Tel. POrtsmouth 7-5600) Buyer: John Bilik

V. P.-Chg. Sales: Maurice Sciaky SCIENCE HOUSE, INC.

Box 7913, Pittsburgh 16, Pa. (Tel. LOcust 1-5533 Dir.-Special Serv.: Dr. J. J. Ashenbrenner Sales: G. K. Marlowe

MF, PS, GS, GE, TS

SCIENTIFIC ENGRG. LAB. 1510 Sixth St., Berkeley 10, Calif. (Tel. LA 4-1678) Purch. Agent: Mrs. Alberta Proteau PS, GS, GE, CO, TS

SCIENTIFIC INSTRUMENT CO. 1041 2nd Ave., Detroit 26, Mich. (Tel. WOodward 2-9060) V. P.-Sales: John E. Peterson
PS, GS, GE, CO, TS, TR

SCIENTIFIC-ATLANTA, INC. 2162 Piedmont Rd., N. E., Atlanta 9, Ga. (Tel. TRinity 5-7291)

Buyer: George Ray Chief Mechan, Engr.-Purch, Agent: S. F. Hutchins Chief Elect. Engr.-Purch. Agent:

C. H. Currie Sales Mgr.: William H. Bradley

CO, TS, TR SCINTILLA DIV., BENDIX AVIATION CORP. Delaware Ave., Sidney, N. Y. (Tel. Sldney 3-95111

Purch. Agent: W. B. Wilson Asst. Purch. Agent: C. L. Kessler Asst. Purch. Agent-Raw Materials & Castings: C. E. Rodgers Asst. Purch. Agent-MRO Supp.:

L. Johnson

Sales Mgr.: D. B. Morse MF, PS, GS, GH, GE, CO, TS, TR SCIOTO SIGN CO.

370 Vine St., Kenton, O. (Tel. 2-1146) Pres.: Collins M. Shaw

SCOTT AVIATION CORP. Erie St., Lancaster, N. Y. (Tel. REgent 5100) Purch. Agent: Kenneth J. Albrecht

Aviation Prods. Mgr.: E. J. Finn PS. GH HERMON HOSMER SCOTT, INC. III Powder Mill Rd., Maynard, Mass. (Tel.

TWin Oaks 7-8801) Purch, Agent: E. G. Dyett, Jr. Asst. Purch. Agent: George Jumes CO, TS, TR

\*SCREW PRODUCTS CORP. OF AMERICA

5211 Southern Ave., South Gate, Calif. (Tel. LOrain 6-5141)

Purch. Agent: Albert Jenkins
Sales Mgr.: Walter Cleary MF, WN, PS
\*(See advertisement in this issue)

SEALECTRIC SWITCH & RELAY CORP. 6025 N. Keystone Ave., Chicago 30, III. (Tel. KEystone 9-7502) Purch. Agent: J. C. Miller

Sales Mgr.: E. M. Paradise PS, GS, GH, GE, TS, TR

SEALOL CORP. 460 Post Rd., Providence 5, R. I. (Tel. STuart 1-4700) Purch. Agent: Nathaniel Burnham

V. P.-Sales Mgr.: Frank Bottomley

SEAL-PEEL, INC. 775 Stephenson Hwy., Royal Oak 3, Mich. Purch. Agent: F. B. Evans

Sales Mgr.: Arthur Aaron SEAMAN PRODUCTS

120 W. Providencia Ave., Burbank, Calif. (Tel. Victoria 9-3184) V. P.-Purch .: A. J. Drusch, Jr. Purch. Agent: S. Allington

MF, WN, PS, GS, GE SEAMLESS PRODUCTS CO., INC.

PS

126 11th Ave., New York 11, N. Y. (Tel. ALgonquin 5-2152) MF, WN, PS, GS, GH, GE

SECO MFG. CO. 5015 Penn Ave., S., Minneapolis 19, Minn. (Tel. WAlnut 6-4545) Chief Engr.-Purch.: E. A. Bramsen

Sales Mgr.: L. P. Henaman SECON METALS CORP.

Intervale St., White Plains, N. Y. (Tel. WHiteplains 9-4757) Pres.: Eugene Cohn MF, PS, GS, TR

SECURITY PARACHUTE CO. 295 W. 141st Ave., San Leandro, Calif. [Tel. LOckhaven 8-2988] Gen. Mgr.: John J. Maggi MF, WN, PS, GS, GE, CO

1500-38 N. Dayton St., Chicago 22, III. (Tel. MIchigan 2-0800) New Brighton, St. Paul 12, Minn. (Tel. MElrose 3-3131) 123 E. Montecito Ave., Sierra Madre, Calif. (Tel. ELgin 5-3318) Gen. Mgr.: B. T. Setchell Secy.-Treas.: C. Donald Carlson V. P.: Alice Chermak Purch. Agent: Eugene Toms Dir.-Sales: F. A. Ritterrath Purch. Agents: Walter Metcalf & Ritchie Tredwell SIERRACIN CORP., THE Walter Korzun, Daniel Dolce & George SHANNON LUMINOUS MATERIALS CO. 1121 Isabel St., Burbank, Calif. (Tel. VIc-Keller 7356 Santa Monica Blvd., Hollywood 46, Calif. (Tel. HOllywood 7-5509) toria 9-2421) Asst. V. P.-Contracts: Ernest M. Cassell Buyer: Miss Helen Tyle GS, GH, GE, CO, TS, TR Head-Purch.: James R. Alburger V. P.-Sales Mgr.: J. E. Slatky MF, PS Purch. (Gen.): Iris M. Guider SEELEY ELECTRONICS MF, GS, GE, CO, TR SIGHTMASTER CORP.-MUTUAL ELEC-1060 S. La Brea Ave., Los Angeles 19, Calif. TRONIC INDUSTRIES INC. (Tel. WEbster 3-1183) SHARON STEEL CORP. 50 Aleppo St., Providence, R. I. (Tel. Warren M. Seelev TR Sharon, Pa. (Tel. DI 6-4141) Dir.-Purch.: J. D. Neuman TEmple 1-6200)
Purch. Agent: Arthur Torg
Sales: Gilbert Glass
WN, PS, GE, CO, TR TEmple 1-62001 SELAS CORP. OF AMERICA Purch. Agent: G. R. McQuiston Dresher, Pa. (Tel. Mitchell 6-6600) Purch. Agent: J. E. Kerns Gen. Sales Mgr.: W. J. McCune GS MF, PS, GS SEL-REX CORP. SIGMA INSTRUMENTS, INC. SHAW METAL PRODUCTS CORP. 170 Pearl St., S. Braintree, Mass. (Tel. Victor 3-5000) 75 River Rd., Nutley 10, N. J. (Tel. NUtley 101 Third Ave., Garden City Park, L. I., 2-5200) N. Y. (Tel. Ploneer 6-6650)

Purch. Agent: John W. Worthylake
MF, PS, GS, GH, GE, CO, TS Purch. Mgr.: Alfred E. Foley Purch.: Kjell Pehrson Purch, Agent: J. R. Ezzo Exec. V. P.-Sales: S. S. Wilson MF, WN, PS, GS, GE, CO, TR Gen. Sales Mgr.: K. H. Bohaker GF SHEFFIELD CORP., THE, SUB.-BENDIX SIGNAL TRANSFORMER CO. SEQUOIA WIRE CO. 2201 8ay Rd., Redwood City, Calif. (Tel. AVIATION CORP. AVIATION CORE.

Box 893, 721 Springfield St., Dayton I, O. (Tel. CLearwater 4-5377)

Purch. Agent: Joseph Geyer

MF, PS, GS, GH, GE, CO, TS, TR 1661 McDonald Ave., Brooklyn 30, N. Y. (Tel. ESplanade 6-0615) EMerson 9-0331) Purch. Agent: S. Miller Buyer: Ruth Pasca Gen. Sales Mgr.: M. C. Jafferies
MF, PS, GS, GH, CO, TS, TR Sales Mgr.: Wm. Brinkley, Jr. GF SIGNALITE INC. SHELL CHEMICAL CORP. SERVICAIR CO. 1841 Flower St., Glendale, Calif. (Tel. CH 5-5161) 380 Madison Ave., New York 17, N. Y. (Tel. OXford 7-3311) 37-41 Neptune Hwy., Neptune, N. J. (Tel. PRospect 5-2490) V. P.-Sales: Alvin W. Gershon Mgr.-Mktg. Serv. Dept.: T. A. Moncure Purch. Agent: B. N. Sherman MF, PS GS, GE, TS, TR Gen. Sales Mgr.: Robert R. Robertson MF, PS, GS, GH, TS, TR SHELTERED WORKSHOP SILENT HOIST & CRANE CO. 2521 5th St., Santa Monica, Calif. (Tel. EXbrook 9-7741) 841 63rd St., Brooklyn 20, N. Y. (Tel. SERVICE STEEL BEachview 8-2525) Box 532, Detroit 32, Mich. (Tel. WOod-Gen. Mgr.: J. E. Anthony
MF, PS, GS, GH, TS Purch. Agent: Anthony Yuzzolino ward 2-9350) Dir.-Purch.: F. C. Fisher, Jr. Sales: R. A. Siewert, 4940 N. Western Sales: M. M. Botnick SHENANGO FURNACE CO., THE, CEN-TRIFUGALLY CAST PRODUCTS DIV. Dover, O. (Tel. 4-2114) Purch. Agent: William Hague SILICONE INSULATION, INC. Ave., Chicago 25, III. MF, PS 1383 Seabury Ave., Bronx 61, N. Y. (Tel. SYcamore 2-1,000, Purch. Agent: D. Singer MF, WN, PS, GS, GE, TR SERVO CORP. OF AMERICA 2020 Jericho Turnpike, New Hyde Park, L. I., N. Y. (Tel. Fleldstone 3-4100) Purch. Agent: S. Wojcie Prod. Sales Mgr.: F. G. Willey Govt. Sales Mgr.: S. S. Levine Industrial Sales Mgr.: Jules Cardon Sales Mgr.: Kenneth L. Jansen MF, WN, PS SILICONE PRODUCTS DEPT., GENERAL T. W. & C. B. SHERIDAN CO. 24701 Crenshaw Blvd., Torrance, Calif. (Tel. DA 6-6702) ELECTRIC CO. Waterford, N. Y. (Tel. ADams 8-3330) Purch. Agent: Paul Megan V. P.-Gen. Mgr.-West Coast Div.: Landon PS, GE, CO, TS, TR Mgr.-Mktg.: Jerome T. Coe R. Gray SERVOMECHANISMS, INC. MF. PS. WN V. P.-Sales Mgr.: Wm, E. Seaman, Sr. (Tel. 12500 Aviation Blvd., Hawthorne, Calif. (Tel. ORegon 8-7841) Dlaby 9-4090) SILICONE SEALS, INC. Dir.-Sales, Aircraft: Charles Frazee 3125 Milwaukee Ave., Chicago 18, III. (Tel. KEystone 9-1782) Purch. Agent: Wayne W. Cowan, Jr. MF, GS Sr. Buyer-Major Machine Components: SHIELDING INC. Secy.: Robert Shatton Henry McClune, Jr. Sales: Leonard E. Brown Sr. Buyer-Elect. Non-Standard Components: Box 59, Riverton, N. J. (Tel. TAlmadge MF, GS, GE 9-1433) M. Londay Chief Engr.-Purch.: A. J. Diccian Sales: J. W. McDonald, Jr. SILICONES DIV.-UNION CARBIDE CORP. Sr. Buyer-Precision Gear Assembly, Tooling: 30 E. 42nd St., New York 17, N. Y. (Tel. Lester Meyer MUrray Hill 7-8000)
Purch, Agent: J. W. Gordon, Long Reach
Silicones Plant, P. O. Box 180, Sistersville, W. Va. (Tel. OLdfield 2-3211) Dir.-Customer Liaison Dept.: MF, WN, PS, TR Gordon S. Robinson SHURE BROTHERS, INC. MF, PS, GS, GE, CO, TS, TR 222 Hartrey Ave., Evanston, III. (Tel. Asst. Purch. Agent: R. Ankrom, Sistersville Mgr.-Sales: L. J. Sinnott, N. Y. MF, WN, PS, GS, TS, TR DAvis 8-9000) SERVOMECHANISMS, INC., MECHATROL V. P.-Purch.: M. A. Cope Buyers: L. Elkin & B. Farber 1200 Prospect Ave., Westbury, L. I., N. Y. (Tel. EDgewood 3-6000) Purch. Agent: H. Gordy V. P.-Sales: V. Machin GS, GE, TS, TR Sales Mgr.: T. Cataldo SHUR-LOK CORP. 879 S. East St., Anaheim, Calif. (Tel. PRospect 4-2773) PS, GS, GH, GE, TS, TR CODING Missile Frame MF SERVONIC INSTRUMENTS, INC. Purch. Agent: George A. Masters Sales: F. W. Rohe 640 Terminal Way, Costa Mesa, Calif. (Tel. Mldway 6-2427) Warhead & Nose Cone WN MF. PS Propulsion System PS Purch. Agent: Betty O'Halloran Prod. Mgr.: Edward W. Miltenburg Sales Mgr.: Patrick S. Chase

SIEBRING MFG. CO. S. Main St., George, Iowa (Tel. 43) V. P.: Owen Siebring G

SIER-BATH GEAR & PUMP CO., INC.

Purch. Agent: Martin Naclerio

UNion 9-3000)

9261 Hudson Blvd., N. Bergen, N. J. (Tel.

Sales Mgr.: J. A. Glaser PS, GS, GH

GS. GH

SETCHELL-CARLSON INC.

SEEBURG CORP., THE

SESCO MFG., INC.

4th & Prospect St., Bridgeport, Pa. (Tel.

BRoadway 9-4350) Pres.: S. E. Slaymaker, 3rd MF, WN, PS, GS, GE, TS

SIERRA ENGRG. CO.

RE 89

GS

GH

TR

Ground Support

Ground Handling

Guidance Equipment GE

Check-out Equipment CO

Tracking & Telemetering

Research & Development

Test Equipment TS

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SIMMONDS AEROCESSORIES, INC. White Plains Rd., Tarrytown, N. Y. (Tel. MEdford 1-7500) Purch. Mgr.: T. J. McAdams Purch. Mgr.-Mfg. Div., Vergennes, Vt.: A. Olson (Tel. TRinity 7-2911)

V. P.-Contracts & Serv.: G. J. McCaul MF, PS, GS, GH, GE, CO, TS, TR

SIMMONS FASTENER CORP. N. Broadway, Albany, N. Y. (Tel. 62-5431) V. P.-Gen. Mgr.: Harry H. Rose MF

SIMONDS SAW & STEEL CO. 470 Main St., Fitchburg, Mass. (Tel. 3-3731)
Purch. Agent: Louis A. Little
MF, WN, PS, GS, GH

SIMPLEX PISTON RING MFG. CO. 12301 Bennington Ave., Cleveland 11, O (Tel. CLearwater 2-2205) MF, PS MF, PS

SIMPSON ELECTRIC CO. 5200-18 W. Kinzie St., Chicago 44, III. (Tel. EStebrook 9-1121) Purch. Agent: James Werner
Sales Mgr.: M. O. Buehring
PS, GS, GE, CO, TS, TR

SINCLAIR MFG, CO. S. Worcester St., P. O. Box 398, Chartley, Mass. (Tel. ATtleboro 1-2627) Sales Mgr.: Howard C. Brownell MF, WN, PS, GS

SIOUX RADIO PRODUCTS 100 Douglas Ave., Yankton, S. Dak. (Tel.

Purch. Agent: C. J. Harm Sales Mgr.: Mark Bolluyt

GS, GE, TS, TR

SITTLER CORP. 18 N. Ada St., Chicago 7, III. (Tel. SEeley 3-4616) V. P.-Purch.: S. J. Lanasa

MF, GS, GH, TS, TR SKIATRON ELECTRONICS & TELEVISION CORP.

180 Varick St., New York, N. Y. (Tel. WAtkins 4-7060)

Purch. Agent: N. J. Ackerman Prod. Mgr.: Albert Caputo
Chief Engr.-Sales: William J. Shanahan
MF, PS, GS, GH, GE, CO, TS, TR

SKINNER ELECTRIC VALVE DIV. 95 Edgewood Ave., New Britain, Conn. (Tel. BAldwin 9-4826) Purch. Agent: C. E. Nelson V. P.-Sales: D. M. Stevenson PS, GS, GE

SKINNER PRECISION PRODUCTS Dunedin, Fla. (Tel. 81-5311 MF, WN, PS, GS

SKINNER SEAL CO. 3001 Sutter St., Santa Ana, Calif. (Tel. KI 5-5571)

Purch. Agent: Bill Philipson Gen. Mgr.: Robert T. Skinner MF, PS, GS, GE

SKYDYNE, INC.

River Rd., Port Jervis, N. Y. (Tel. 3-2241) Dir.-Purch: W. F. Maccallum Buyer: B. E. Marchant V. P.-Chg. Sales: R. L. Weill MF, GS, GH

SKYPRODUCTS

P. O. Box 6, Ottsville, Pa. (Tel. FErndale 2-1810 through Easton, Pa.) Purch. Agent: Robert G. Sheppard Buyer: Elizabeth Hallet

SKYTRONICS 10515 Burbank Blvd., N. Hollywood, Calif. (Tel. POplar 1-5197) Gen. Mgr.: C. D. Besore

Prod. Mgr.: Donald R. Sargent Sales Mgr.: Rex O. Pirkle MF. WN. PS. GS. GH. GE. TS. TR

SLAUGHTER CO., INC. Piqua 18, O. (Tel. PRospect 3-5936) Secv.-Treas.: F. O'Keefe

\*SLIP RING CO. OF AMERICA 3612 W. Jefferson Blvd., Los Angeles 16, Calif. (Tel. REpublic 5-0253) Purch. Agent: William Young Gen. Mgr.: C. L. Cross

MF. PS. GH. GE. TR

★(See advertisement in this issue) SMALL MOTORS INC.

2076 Elston Ave., Chicago 14, III. (Tel. ARmitage 6-6900) PS, GS, GE, TS Pres.: R. Ř. Cook

B. SMITH AIRCRAFT CORP. P. O. Box 456, International Airport Br., Miami 48, Fla. (Tel. TUxedo 8-8481) Mgr.-Materials: Lloyd G. Culbertson Purch. Agent: George Ceglar Buyer: Doyle Leonard P .- Aircraft Sales & Serv .: George R.

SMITH-MORRIS CORP. 825 Myrtle St., Ferndale, Mich. (Tel. JOrdan 6-3124) Purch. Agent: L. Gnich Sales Mgr.: G. W. Smith MF, WN, PS, GS, GH, GE

SMOOTH-ON MFG. CO. 572 Communipaw Ave., Jersey City 4, N. J. (Tel. HEnderson 3-0076) V. P.: J. H. Tompkins Gen. Mgr.: H. M. Silver

SNAP-TITE, INC. 201 Titusville Rd., Union City, Pa. (Tel.

V. P.-Purch.: Myron W. Shafer V. P.-Sales: Leonard M. Clark PS, GS, GH

M. L. SNYDER & SON, INC. 1834 E. Boston Ave., Philadelphia 24, Pa. (Tel. RE 9-5678)

Exec. V. P.: Herbert M. Simpson

Sales: George R. Slowey SODERBERG MFG. CO., INC. 628 S. Palm Ave., Alhambra, Calif. (Tel. CUmberland 3-3382)

Purch. Agent: W. G. Lee Sales Mgr.: W. W. Hulke

MF, GS, GH, TS, TR

1636 W. Hunting Park Ave., Philadelphia 40, Pa. (Tel. DÁvenport 4-6800) Purch. Agent: Sidney Whitman Sales: John F. Sohl MF, WN, PS, GS, GE, CO, TS, TR

SOLAR AIRCRAFT CO. 2200 Pacific Hwy., San Diego 12, Calif. (Tel. BElmont 3-8241) Mgr.-Purch.: Russell L. Stevens Buyer Suprvsrs.: P. G. Peninger & C. E. Powers

Dir.-Sales: C. D. Oberg

SOHL CO., THE

SOLON FOUNDRY, INC. 6370 SOM Ctr. | CHurchill 8-5304) Rd., Solon, O. (Tel. Purch. Agent: H. A. Lucas Dir.-Sales: Harry F. Davis MF, PS

SONEX, INC. 73 S. State Rd., Upper Darby, Pa. (Tel. FLanders 2-1721) Purch.: Ted Londner GH, GE, TS

L. SONNEBORN & SONS, INC., BUILDING PRODUCTS DIV. 404 4th Ave., New York 16, N. Y. (Tel.

MUrray Hill 9-5210) Adv. Dept.: Gabe Cipollo
MF, WN, PS, GS, GH, GE

SORENSEN & CO., INC. Richards Ave., S. Norwalk, Conn. (Tel. TEmple 8-6571)
Purch. Mgr.: C. W. Boylan
Chief Purch. Agent: N. Grasso Purch, Agents: H. Damsky & M. J. Ruddock

Sales Mgr.: H. T. Lowell

SOROBAN ENGRG., INC.
Box 1717, Melbourne, Fla. (Tel. 2525) Purch. Agent: Robert Freile GE, CO, TS, TR

SOUND APPARATUS CO. Morris St., Stirling, N. J. (Tel. Millington 7-06001

Purch.: H. Niemann SOUTH RIVER METAL PRODUCTS CO., INC.

377 Turnpike, S. River, N. J. (Tel. CLifford 4-5253 Gen. Mgr.: J. Cohn

Sales Mgr.: Martin L. Roth

MF, WN, PS, GH

SOUTH WIND DIV., STEWART WARNER CORP. 1514 Drover St., Indianapolis, Ind. (Tel.

MElrose 2-8411) Dir.-Purch.: Paul Ostler Purch. Agent: George Leiendecker Buyer: Sam Salatich Prod. Mgr.: D. A. Potter

MF, PS, GS, TR

SOUTHCO DIV., SOUTH CHESTER CORP. Lester, Pa. (Tel. LEhigh 4-8600) Purch. Agent: C. R. Hirzel Gen. Mgr.-Sales: T. R. Dunlevy MF

SOUTHERN ELECTRONICS CORP. 150 W. Cypress Ave., Burbank, Calif. (Tel. VIctoria 9-3193) Purch. Agent: R. D. Hirst

Sales Mgr.: George E. Gansell

SOUTHWEST PRODUCTS CO. 1705 S. Mountain Ave., Monrovia, Calif. (Tel. EL 8-0181)

GE, TS, TR

MF, WN, PS, GS, GH, GE

SOUTHWEST PRODUCTS, INC. Rt. 4, Box 90, San Antonio, Tex. (Tel. GEneral 2-5266)

Purch. Agent: Robert Callsen CO, TS SOUTHWESTERN INDUSTRIAL ELEC-

TRONICS CO. 2831 Post Oak Rd., Box 13058, Houston 19. Tex. (Tel. MO 7-6611) Purch. Agent: T. C. Wooddell Buyer-Electronic: G. Knower

Buyer-Mechanical & Misc.: C. Brock V. P.-Sales: R. H. Parker
MF, PS, GS, GH, GE, CO, TS, TR

SOUTHWESTERN INDUSTRIES, INC. 5880 Centinela Ave., Los Angeles 45, Calif.

(Tel. ORegon 8-8915) Purch. Agent: Dean F. Dirkson

SPACEFLIGHT FILMS, ALEX HABERSTROH STUDIOS, INC.

9 W. 19th St., New York II, N. Y. (Tel. AL 5-1827) Purch .: Alex Haberstroh

SPARTA MFG. CO.
Dover, O. (Tel. DOver 4-2380)
Plant Mgr.: C. M. Starkey
Sales Mgr.: Myron L. Bailey
MF, WN, PS, GE, TR

SPARTAN MARKING CORP.

222 W. Huron St., Chicago 10, Ill. (Tel. SUperior 7-6630)
Sales Mgr.: J. V. Galloway
MF, WN, PS, GS, GE, CO, TS, TR

90

SPARTON CORP.  2400 E. Ganson St., Jackson, Mich. (Tel. STate 4-9131)  DirPurch.: A. G. Lee  Buyer: H. B. Scott	SPRAYING SYSTEMS CO. 3250 Randolph St., Bellwood, III. (Tel. LInden 4-0380) DirPurch.: A. Ciesel Sales Mgr.: Joseph Pelej PS	STANDARD METALS CORP. 262 Broad St., N. Attleboro, Mass. (Tel MYrtle 5-9395) Purch.: Lloyd W. Chase, Jr. Sales: Donald Kingman
DirSales: John Newman	SPRINGFIELD BRASS CO.	MF, WN, PS, GS, GE, TS, TE
MF, WN, GS, GE, CO, TR SPAULDING FIBRE CO., INC. 310 Wheeler St., Tonawanda, N. Y. (Tel.	821-827 W. Main St., Springfield, O. (Tel. FAirfax 2-2291) MF, WN, PS, GE	STANDARD PRESSED STEEL CO. Box 1105, Jenkintown, Pa. (Tel. TUrne 4-7300)
JAckson 2000) Purch, Agent: A. P. Hardleben Gen. Sales Mgr.: W. R. Gilsdorf MF, WN, PS, GE, TR	R. SPRUCE CO., An Affiliate of American Aviation Publications, Inc., 608 S. Dearborn St., Chicago 5, Ill. (Tel. WAbash 2-1279)	Purch. Agent: J. P. Moorhouse MgrAircraft/Missile Div.: J. P. Villo MF, PS, GS, GF
SPECIALTIES, INC. Skunks Misery Rd., Syosset, N. Y. (Tel.	Mgrs.: Robert E. Tynan & Paul W. Higgins TP	STANLEY AVIATION CORP. 2501 Dallas St., Denver 8, Colo. (Tel. EM pire 6-3581)
WAlnut 1-2345) Purch. Agent: George Chadwick V. PSales: John C. Slocum GE, TS, TR	SPRUCE PINE MICA CO. P. O. Box 456, Spruce Pine, N. C. (Tel. POplar 5-4241) Sales: E. H. Farnam PS, GE, TR	Purch. Agent: Carr Besermann Buyers: R. O. Taylor & Lawrence Mack V. PSales: R. H. Frost MF, WN, PS, GS, GH, CO, TS, TF
SPECIALTIES MFG. CO., INC.  125 Bruce Ave., Stratford, Conn. (Tel. EDison 7-4429)  Purch. Agent: J. J. Zimmer  Sales Mgr.: A. I. Zimmer	*STAINLESS PROCESSING DIV., WALL COLMONOY CORP. 19345 John R. St., Detroit 3, Mich. (Tel. TWinbrook 3-3800) Sales Mgr.: Fred R. Cruse	STANLEY MFG. DIV., GAGE ENGRG CORP. Saltsburg, Pa. F. H. Hunter
SPECIALTY PRODUCTS CORP. 29980 Lakeland Blvd., Wickliffe, O. (Tel. WHitney 3-3040)	MF, WN, PS ★(See advertisement in this issue)	WILLIAM W. STANLEY CO. INC. 401 Broadway, New York, N. Y. (Tel. CA 6-5420)
Purch. Agent: Howard Seabeck MF, PS, GS, GH	STAINLESS STEEL PRODUCTS, INC. 2980 N. San Fernando Blvd., Burbank, Calif. (Tel. VI 9-3283)	V. PPurch.: A. R. Peer Treas.: S. H. Doggett, Jr.
SPECIFIC PRODUCTS 21051 Costanso St., Woodland Hills, Calif. (Tel. Dlamond 0-3131) Purch.: John Cowley & Bill Stork	Purch. Agent: F. C. Harmon Contract Admin.: Wm. Van Den Akker MF, PS, GS, GH, GE *STALKER DEVELOPMENT CO.	STAR ENGRAVING CO., LTD. 223 E. 4th St., Los Angeles 13, Calif. (Tel MAdison 9-1682) Purch. Agent: Bud Hillyer
Sales: J. C. Van Groos  GE, CO, TS, TR  SPECTROL ELECTRONICS DIV.,	903 Woodside Ave., Essexville, Mich. (Tel. Bay City—TWinbrook 3-7562)	Sales: Al Butterworth MF, WN, GS, GH, GE, CO, TS, TF STAR EXPANSION PRODUCTS
CARRIER CORP. 1704 S. Del Mar Ave., San Gabriel, Calif. (Tel. ATlantic 7-9761)	Buyer: R. A. Bluhm Sales Mgr.: W. W. Dempsey  ★(See advertisement in this issue)	P. O. Box 737, New York 8, N. Y. (Tel COrtland 7-0069) Sales: H. J. Wilhelm
Purch. Agent: John Hayek Sales Mgr.: Robert K. Burtner GE, CO, TS, TR	STANAT MFG. CO., INC. 515 Shames Dr., Westbury, L. I., N. Y. (Tel. EDgewood 4-8700) Purch. Agent: John Vanderwoude	L. S. STARRETT CO., THE 121 Crescent St., Athol, Mass. (Tel CHurchill 9-3551)
Box 61 Steinway Sta., Long Island City 3, N. Y. (Tel. AStoria 8-8033)	MF, WN, PS, GS  STANCIL-HOFFMAN CORP., THE	Purch. Agent: C. B. McMillan V. PChg. Sales: C. O. Newton GS
SecyTreas.: I. M. Wempen GS, GE, CO, TS, TR	921 N. Highland Ave., Hollywood 38, Calif. (Tel. HOllywood 4-7461) Purch. Agent: J. V. Kelly	STATIKIL, INC., DIVTHE J. E. DOYLE CO 1220 W. 6th St., Cleveland 13, O. (Tel CHerry 1-3939)
SPENCER THERMOSTAT DIVMETALS & CONTROLS CORP.	Sales Mgr.: R. H. Stensby GE, TS, TR STANDARD ARMAMENT INC.	V. PPurch.: Donald J. Doyle GS, TR STAYER CO., INC., THE
34 Forest St., Attleboro, Mass. (Tel. ATtle- boro 1-2800) Purch. Agent: E. B. Carpenter V. PSales: J. F. Wilson PS, GE	631 Allen Ave., Glendale, Calif. (Tel. VIc- toria 9-1314) Purch.: Ronald Parish	47 N. Saxon Ave., Bay Shore, N. Y. (Tel 7-3620) Secy.: R. W. Collins V. P.: J. B. Lazarus
SPERRY GYROSCOPE CO., DIV SPERRY RAND CORP.	Sales Mgr.: William McKinley MF, WN, PS, GS, GH STANDARD CABINET CO.	MF, WN, PS, GS, GE, CO, TS, TR
Great Neck, N. Y. (Tel. Fleldstone 7-3600) Purch.: Aeronautical Equip. Div., F. Baron Marine Div., L. F. Wichser Air Armament Div., W. F. Batten	61 Washington Ave., Carlstadt, N. J. (Tel. GEneva 8-1500) Purch. & Sales: Elwell S. Brown GS, TS	STAVID ENGRG., INC. Rt. 22, Plainfield, N. J. (Tel. PLainfield 7-1600)
Surface Armament Div., C. J. Brown MF, WN, PS, GS, GE, CO, TS, TR	STANDARD ELECTROMAGNETICS, INC. 43-45 S. Carroll St., Frederick, Md. (Tel.	Purch, Agent: J. H. Tchorni Buyer-Components: L. J. Jannuzzi Buyer-Raw Materials: R. J. Mills Buyer-Operating & Maintenance:
SPERRY RAND CORP.  30 Rockefeller Plaza, New York 20, N. Y.  (Tel. Circle 6-4800)	MOnument 3-4161)  V. PSales: A. H. Fogelman, Washington, D. C. (Tel. STerling 3-6770) GE, TS, TR	W. R. Linke Buyer-Fabricated Parts: J. L. Symons V. PSales: Frank J. Reynolds
SPINCRAFT, INC. 4158-C W. State St., Milwaukee 8, Wisc. (Tel. Division 2-0730)	STANDARD ELECTRONICS DIV., RADIO ENGRG. LABS. INC. 29-01 Borden Ave., Long Island City, N. Y.	GE, CO, TS, TR
Purch. Agent: Tony Brinovec DirMktg.: Charles F. Pearson MF, WN, PS, GE, TR	(Tel. STillwell 6-2100) Purch. Agent: Wm. Dunwe V. PSales: Wm. H. Zillger	Missile Frame MF Warhead & Nose Cone WN
SPLIT BALLBEARING, DIVMPB Lebanon, N. H. (Tel. 800) Purch. Agent: R. E. Tinkham Sales Mgr.: A. J. Renz PS, GE	STANDARD FELT CO. 29-115 S. Palm Ave., Alhambra, Calif. (Tel. ATlantic 2-5106) Purch. Agent: K. Brunk MF, PS	Propulsion System PS Ground Support GS Ground Handling GH Guidance Equipment GE
SPRAGUE ENGRG. CORP. 19300 S. Vermont Ave., Gardena, Calif. (Tel. DAvis 4-6677)	STANDARD LOCKNUT & LOCKWASHER INC. 2250-56 Valley Ave., Indianapolis, Ind. (Tel.	Check-out Equipment CO Test Equipment TS Tracking & Telemetering TR
Purch. Agent: George J. Carr Sales Mgr.: John W. Murvin WN, PS, GE, TS	ME 2-9505) Office Mgr.: R. E. Khmage V. PSales: T. D. Donahue MF, WN, PS	Research & Development RE Technical Publisher TP

# . . . purchasing directory ste—tel

STEARNS-ROGER MFG. CO. 660 Bannock St., Denver 4, Colo. (Tel. AComa 2-84841 Chief Purch. Engr.: R. W. Graeber Asst. Chief Purch. Engr.: J. G. Constantine

Purch. Engrs.: Dan Ormsbee & J. L. Mitchell

V. P.-Sales Mgr.: M. G. Brennan PS, GS, GH, TS

STEEL CITY TESTING MACHINES, INC. Lyndon Ave., Detroit, Mich. (Tel. WEbster 3-3500)

Purch. Agent: Patrick Duthie

HERMAN D. STEEL CO. Lafayette 8ldg., Philadelphia 6, Pa. (Tel. WA 5-1990)

Head-Purch. Dept.: P. N. Steel, Jr. Head-Sales: W. W. Woolford

MF. WN. PS. GS. GE

STEEL IMPROVEMENT & FORGE CO., THE 970 E. 64th St., Cleveland 3, O. (Tel. UTah I-8600) Head-Purch .: Ford Parkes

Purch.: Henry Carlson V. P.-Sales: H. A. Zimmerman

MF, WN, PS

STEIN SEAL CO. 20th St. & Indiana Ave., P Pa. (Tel. BAldwin 3-3513) Philadelphia 32,

Asst. Gen. Mgr.-Purch.: Lawrence Goldschmidt Gen. Mgr.-Sales: P. C. Stein PS

WM. STEINEN MFG. CO. 43 8ruen St., Newark 5, N. J. (Tel. MArket

2-5747) Sales: Charles H. Jung, Jr.

MF, WN, PS

STERLING TRANSFORMER CORP.
297 N. 7th St., Brooklyn II, N. Y. (Tel.
STagg 2-4200)

Purch. Agent: Coleman Sanders GS, GE, TS, TR

A. T. STEVENS CO.

118 E. 28th St., New York 16, N. Y. (Tel. MUrray Hill 5-1877) Purch. Agent: R. Duke Powell, Jr. MF, WN, PS, GS, CO, TS

\*STEVENS MFG. CO., INC.
P. O. Box 1007, Mansfield, O. (Tel. Tuxedo 4-1311)

Purch. Agent: L. C. Frasher Sales Mgr.: G. H. Rouse

PS, GS, GE, TS ★(See advertisement in this issue)

STEVENS PRODUCTS, INC. 86 Main St., E. Orange, N. J. (Tel. OR 2-2140)

2-214U) V. P.: Ross S. Stevens WN, PS, GS, GE, TR

STEVENS WALDEN INC.

400 Shrewsbury St., Worcester, Mass. (Tel. SWift 9-4111) V. P.: E. F. Hennessey

MF, GS, GH, TS

STEVENS-ARNOLD INC. Elkins St., S. Boston 27, Mass. (Tel. ANdrew 8-1170) GS, GE, TS

D. M. STEWARD MFG. CO. E. 36th St., P. O. Box 510, Chattanooga, Tenn. (Tel. TAylor 1-1561) Dir.-Purch.: S. P. Gould

Exec. V. P.-Sales: Clarence S. Mills MF, WN, PS, GS, GE, TR

\*F. W. STEWART CORP. 4311-13 N. Ravenswood Ave., Chicago 13,

Gen. Mgr.: J. H. Jacobsen

Purch. Agent: G. O. Talley Sales Mgr.: R. A. Thies ★(See advertisement in this issue)

STEWART-WARNER CORP. 1826 Diversey Pkwy., Chicago, III. (Tel. LAkeview 5-6000) Dir.-Purch., Stewart-Warner Corp., 1826

Dir.-Purch., Stewart-Warner Corp., 1020
Pkwy., Chicago 14, III.: E. N. Osterberg r.-Purch., Stewart-Warner Electronics, 1300 N. Kostner Ave., Chicago, III.:

I. Blackberg (Tel. AL 2-1000)

Purch, Agent, Stewart-Die Casting Co.,
4535 Fullerton Ave., Chicago, Ill.: R. C.
Olsen (Tel. AL 2-5308)

Purch. Agent, Stewart-Warner Corp., 1514 Drover, Indianapolis, Ind.: P. Ostler

Purch. Agent, The Bassick Co., Bridgeport, Conn.: G. Raiselis

MF, WN, PS, GS, GE, TS, TR

GE, TS

STODDART AIRCRAFT RADIO CO., INC. 6644 Santa Monica Blvd., Hollywood 38, Calif. (Tel. HOllywood 4-9292)

Mgr.-Materials: Glenn Fogg Purch. Agent: J. Hanrahan Sales Mgr.: John R. Stevenson

F. J. STOKES CORP. 5500 Tabor Rd., Philadelphia, Pa. (Tel. CUmberland 9-0100)

Mgr.-Materials & Prod. Planning Dept.: W. T. Minnick Buyers: D. Law, C. Roney, W. Schmucker & F. Urban

V. P.-Sales: A. A. Hutchings

PS, GS, GH

A. U. STONE & CO., INC. 17 W. 60th St., New York, N. Y. (Tel. COlumbus 5-1350) Purch. Agent: H. Grant MF, WN, PS, GS

STRATA INSTRUMENT CO.

323 Snyder Ave., Berkeley Hts., N. J. (Tel.

CRest View 3-6231)

Purch. Agent: H. L. Harris

Chief Engr.-Sales: F. Streuber

WN, GS, GE, CO, TS

STRATOFLEX, INC.

P. O. Box 10398, Ft. Worth, Tex. PEnhurst 8-6543) P: x. (Tel. PS, GS

STRATOS, DIV.-FAIRCHILD ENGINE & AIR-PLANE CORP.

Orinoco Dr., Bay Shore, L. I., N. Y. (Tel. MOhawk 5-0100) Purch. Agent: John A. L'Hommedieu

Gen. Sales Mgr.-Aviation Prods.: W. Thomas Stark

WN, PS, GS, GH

STRAT-O-SEAL MFG. CO.

3039 W. Fullerton, Chicago 47, Ill. (Tel. HUmboldt 9-1282) Plant Mgr.: Howard O. Walsh GE, CO

STREETER-AMET CO.

Grayslake, III. (Tel. BAldwin 3-4801) Purch. Agent: M. Danielson Sales Mgr.: G. Graham TS, TR

STROMBERG-CARLSON, ELECTRONICS DIV.

1400 N. Goodman St., Rochester 3, N. Y. (Tel. Fillmore 2-8000) Purch. Agent: M. G. Agan Sales Mgr.-Military Prods.: H. C. Sager WN, GS, GH, GE, CO, TS, TR

P. A. STURTEVANT CO.

Addison, III. (Tel. ELmhurst, III.-TErrace 4-2000) Purch. Agent: Joe Esposito TS

Sales Mgr.: Lee A. Sturtevant

SUFFOLK PRODUCTS CORP. Woodbine & Scudder Aves., N. Y. (Tel. NOrthport 3-1700) Northport,

Head-Purch. Dept.: Fred. Marin Sales Engr.: C. J. Dvorak MF, TR

SUN ELECTRIC CORP., AERONAUTICAL DIV

Harlem & Avondales Aves., Chicago 31. (Tel. NEwcastle 1-6000) Dir.-Purch.: R. E. Kane

V. P. & Gen. Mgr.: F. E. Draper

SUNDSTRAND AVIATION, DIV.-SUND-STRAND MACHINE TOOL CO. 2421 11th St., Rockford, III. (Tel. 8-6811) Dir.-Prod. & Purch.: Quin Bowen

Purch. Mgr.: Don Bredahl
Contracts Mgr.: P. A. Anderson
MF, PS, GS, GH, GE

SUNDSTRAND TURBO

2480 W. 70th Ave., Denver 21, Colo. (Tel. HA 9-1561); Pacoima, Calif. (Tel. EM 6-8121)

Mgr.-Purch., Denver: William Hammond Sr. Buyer, Denver: Lou Harder Purch. Agent, Pacoima: Robert Meyerson Mgr.-Sales, Pacoima: Robert Holzl
Chief Appl. Engr., Denver: R. Bruce Foster
MF, WN, PS, GS, GH, GE

SUPEREX ELECTRONICS CORP. 4-12 Radford Pl., Yonkers, N. Y. (Tel. YOnkers 5-6906)

Purch. Agent: D. Schulman Asst. Purch. Agent: F. Gold Sales Mgr.: Marvin L. Buchalter MF, PS, GS, GH, GE, TR

SUPERIOR AIR PRODUCTS CO.

132 Malvern St., Newark 5, N. J. (Tel. MArket 3-1335) Chief Engr.: L. E. Putman

PS, GS, GH SUPERIOR CARBON PRODUCTS, INC.

9115 George Ave., Cleveland 5, O. (Tel. VUlcan 3-4880) Purch. Agent: Raymond H. Kling

Sales Mgr.: Ted Liebert MF, WN, PS, GS, GE, TR

SUPERIOR ELECTRIC CO., THE 83 Laurel St., Bristol, Conn. (Tel. LUdlow 2-9561)

Adv. Dept.: Frank A. Leachman GS, GE, CO, TS, TR

SUPERIOR FLUX & MFG. CO., THE 1536 St. Clair Ave., Cleveland 14, O. (Tel. SUperior 1-9373)

Pres.: Robert R. Mendelson SUPERIOR PNEUMATIC & MFG., INC.

4758 Warner Rd., Cleveland 25, O. (Tel.

BRoadway 1-1522) Gen. Mgr.: W. I. Krewson, Jr. Sales Mgr.: Robert H. Wright

SUPERIOR SPINNING & STAMPING CO.

4057-63 Fitch Rd., Toledo 13, O. (Tel. GReenwood 2-2175) Purch. Agent: Leonard G. Avery

MF, WN, PS, GS

SUPERIOR TUBE CO.

Box 191, Norristown, Pa. (Tel. BRoadway 2-5070) Dir.-Purch.: Elmer W. Hayes

Purch. Agent: Leroy Buckwalter Buyers: Ralph Esser, Stanley Fretz & William Schlutz

Gen. Mgr.-Sales: Henry B. 8rown MF, PS, GE, TS, TR

SURPRENANT MFG. CO.

172 Sterling St., Clinton, Mass. (Tel. 2180) Gen. Mgr.: G. E. Forsberg Sales: P. V. Tessier

MF, WN, PS, GS, GH, GE, TS, TR

Mgr. Purch.: R. H. Affeld Dir. - Contracts: W. H. Face Mgr. - Western Contracts Sec.: TECHNITROL ENGRG. CO. 1952 E. Allegheny Ave., Philadelphia 34, Pa. (Tel. GArfield 6-9105) TACTAIR VALVE DIV.-AIRCRAFT PROD-UCTS CO. R. H. Malamphy 400 Church Rd., Bridgeport, Pa. (Tel. Purch. Agent: James H. Kennedy Suprysr.-Western Contracts Sec.: Buyer: David Adam BRoadway 5-1000) C. M. Phinny Purch. Agent: T. M. Clemmency Asst. Buyer: Jacqueline M. Mika V. P.-Sales: T. Kite Sharpless Purch. Agent: 1. Mr. Sales Mgr.: Frank Higgins
MF, WN, PS, GS, GH, GE MF, WN, PS, GH, GE, TR GS, GE, TS, TR H. C. SWEET CO. 56861 Grand River Ave., New Hudson, Mich. (Tel. GEneva 7-9391) TALCO ENGRG. CO., THE 2685 State St., Hamden, Conn. (Tel. TECHNOGRAPH PRINTED ELECTRONICS, INC. Secy.-Purch.: G. M. Savage Sales: Harold C. Sweet ATwater 8-1634) 920 Northwest Blvd., Winston-Salem, N. C. Purch. Agent: F. DeMarco Buyer: D. Pantera GS (Tel. PArk 3-0767) Purch. Agent: R. G. Vance SWISS JEWEL CO. Lafayette Bldg., Philadelphia 6, Pa. (Tel. Dir.-Sales: A. E. Ehlenberger TECHRON CORP. 81 Washington St., Boston 8, Mass. (Tel. CApitol 7-7484) MF, WN, PS, GS, GH, GE WA 5-1990)
Purch.: P. N. Steel, Jr.
Sales: W. W. Woolford TALK-A-PHONE CO. PS, GE, TR 1512 S. Pulaski Rd., Chicago 23, Ill. (Tel. Purch. Agent: Thomas Fahey GF LAwndale 1-8414) SWITCHCRAFT, INC. 5555 N. Elston Ave., Chicago, III. (Tel. SPring 4-1515) Purch.: Bjorn Hestad Sales: W. L. Larson GS, GE, TS, TR Sales Mgr.: Dan F. Kagan ROLAND TEINER CO. INC. 134 Tremont St., Everett, Mass. (Tel. DUn-TALLEY CORP., THE kirk 7-7800) 101 Highway & Conejo Rd., Newbury Park, Calif. (Tel. THousand Oaks 2025) Purch.: R. Tenagilia V. P.-Sales: K. Sowdon Purch. Agent: Meade Davis SYLVANIA ELECTRIC PRODUCTS INC., MF, WN, PS, GS V. P.-Sales: Norman Nicholson MF, WN, PS, GS, GE, CO, TS, TR PARTS DIV. 12 2nd St., Warren, Pa. (Tel. 3220) Div. Purch. Agent: Robert F. Marlin Buyer-Metals: M. D. Svensen TELECHROME MFG. CORP. 
 TALLY REGISTER CORP.

 5300 14th Ave., N. W., Seattle 7, Wash.

 (Tel. SUnset 4-5500)

 Dir.-Purch.: W. A. Thompson

 V. P.-Sales: M. R. Dilling
 TS, TR
 28 Ranick Dr., Amityville, N. Y. (Tel. Lincoln 1-3600) Buyer-Merais: M. D. Svensen
Buyer-Packing Materials: J. C. Douds
Buyer-Electr. Supp.: H. E. Fogle
Buyer-Plastic Materials: C. F. Warriner
Buyer-Mill Supp.: C. W. Proud, Jr.
Div. Gen. Sales Mgr.: Philip M. Pritchard
MF, WN, PS, GS, GE, TS, TR Purch. Agent: B. Trimboli V. P.-Sales: H. Charles Riker PS, GS, GE TELE-COIL CO. 2733 Saunders St., Camden 5, N. J. (Tel. EMerson 5-7528) TALON, INC. 626 Arch St., Meadville, Pa. (Tel. 41-281) Mgr.-Purch.: F. V. Hanaway Asst. Mgr.-Purch.: R. C. Straw SYLVANIA ELECTRONIC SYSTEMS, DIV.-SYLVANIA ELECTRIC PRODUCTS INC. 100 1st Ave., Waltham, Mass. (Tel. TWin-Secy.-Treas.: Jack Silverman V. P.-Sales: R. M. Evans PS, GE, CO, TS, TR TAPERED AIR PRODUCTS CORP. brook 3-9200) TELECTRO INDUSTRIES CORP. Purch. Agent-Waltham Labs.: W. L. Hanson 10890 Stanford Ave., Lynwood, Calif. (Tel. 35-16 37th St., Long Island City, N. Y. (Tel. YEllowstone 2-8600) Purch. Agent-Buffalo Opns.: C. A (Tel. Buffalo, N. Y.-Victoria 7100) NEvada 6-9851) Purch. Agent: Walter Fagen Purch. Agent: M. I. Ross Purch. Agent-Williamsport Systems Plant: D. E. O'Shea (Tel. Williamsport, Pa.-Sales Mgr.: James I. Carpenter Sales: David Libsohn MF, PS \*TELE-DYNAMICS INC. Williamsport 3-4641) 5000 Parkside Ave., Philadelphia 34, Pa. (Tel. TRinity 8-3000) Purch. Agent: J. Harbidge TASK CORP. 1009 JE. Vermont Ave., Anaheim, Calif. (Tel. PRospect 4-3100) Purch. Agent-Mountain View Opns.: W. A. Janes (Tel. Mountain View, Calif.-YOrkshire 8-0051) Purch. Agent: Carl M. Berg Dir.-Customer Relations, Sylvania Electronic Systems: J. H. Brewster, III (Tel. New York, N. Y.-JUdson 6-2424) Buyers: W. Porch & F. Brandle Sales Mgr.: Joe A. Fryer, Jr.
WN. PS, GS, GH, GE, TS, TR V. P.-Sales: L. P. Clark GE, TR ★(See advertisement in this issue) MF, GS, GE, GH, TS, TR TAURUS CORP. (FORMERLY METRON CORP.) TELEFLEX INC. SYNTHANE CORP. N. Wales, Pa. (Tel. OXbow 9-4861)
Purch, Agent: T. Walton
Chief Buyer: W. Taylor
Sales: M. C. C. Chisholm, Jr.
PS, GS, GH, GE, CO, TS, TR River Rd., Oaks, Pa. (Tel. GLendale 2-2211) Purch. Agent: C. H. Cox, Jr. Sales Mgr.: E. E. Smith 8 Corvell St., Lambertville, N. J. (Tel. EXport 7-1570) Purch.: Mrs. Anne Row MF, WN, PS, GS, GE, TR Sales: John D. Kreuter MF, GS, GE, TR SYNTRON CO. TAYLOR-WINFIELD CORP., THE RS9 Lexington Ave., Homer City, Pa. (Tel. Homer City 9-8011) Purch. Agent: S. A. Dick V. P.-Sales: D. G. Black MF, WN, PS, GS, GH, GE, TR \*TELERAD MFG. CORP. 1052 Mahoning Ave., N. W., Warren, Ohio (Tel. 2252-1) 1440 Broadway, New York 18, N. Y. (Tel. BRyant 9-0892)
Purch. Agent: B. Buffone
Expediter: C. Young
Consultant & Negotiator: E. A. Kiely TECHALLOY CO. INC. Route 113, Rahns, Pa. (Tel. Norristown HUxley 9-7211) SYSTEMS LABS. CORP. Sales Mgr.: Charles George PS, GS, GE, CO, TS, TR Pres.: D. M. Schmid MF, WN, PS 14852 Ventura Blvd., Sherman Oaks, Calif. (Tel. STate 6-2238) TECHNICAL APPLIANCE CORP. ★(See advertisement in this issue) Exec. V. P.: Richard H. DeLano I Taco Ave., Sherburne, N. Y. (Tel. 7-2211) V. P.-Dir. of Purch.: Harold Senkel V. P.-Dir. of Sales: Tore Lundahl SYSTRON CORP. 2055 Concord Blvd., Concord, Calif.
Sales Mgr.: J. R. Cunningham
PS, GS, GH, GE, CO, TS, TR WN, PS, GS, GH, GE, CO, TS, TR CODING Missile Frome MF TECHNICAL OIL TOOL CORP. Warheod & Nose Cone WN 1057 N. La Brea, Los Angeles 38, Calif. (Tel. OLdfield 4-1763) TA MFG. CORP. 4607 Alger St., Los Angeles 39, Calif. Propulsion System PS (Tel. CHapman 5-3748)
Purch. Agent: R. E. Felton
V. P.-Sales: R. Clyde Jordan
MF, WN, PS, GS, GE, CO, TS, TR Mgr.-Purch .: T. Bannerman Ground Support GS TECHNICAL SERVICE CORP.
1404 W. Market St., Louisville 3, Ky. (Tel. Ground Handling GH Guidance Equipment GE JUniper 7-8476) Buyer: L. H. Jones co Check-out Equipment T-C DIV., DYNA-EMPIRE, INC. GS 1075 Stewart Ave., Garden City, L. I., N. Y. (Tel. Ploneer 1-2700) Purch. Agent: Charles Biasi Test Equipment TS TECHNIQUES, INC. 52 Jackson Ave., Hackensack, N. J. (Tel. HUbbard 9-5333)

TKM ELECTRIC CORP.
1160 University Ave., Rochester 7, N. Y.

(Tel. BRowning I-4671)
Purch. Agent: R. A. Taylor

SWEDLOW PLASTICS CO.

Sales: John J. Nargi

PS, GS, CO, TS

6986 Bandini Blvd., Los Angeles 22, Calif. (Tel. RAymond 3-3211)

Buyer: B. Weston

Sales Mgr.: Al Neumann

MF, WN, PS, GS, GE, TS, TR

TR

Trocking & Telemetering

Research & Development

# . . . purchasing directory tel—tube

TELETRONICS LABS., INC.

1835 W. Rosecrans Ave., Gardena, Calif. (Tel. FAculty 1-0627)

Purch. Agent: Seymour Newman

V. P.-Sales: Daniel Rose

MF, GS, GH, GE, TR

TELETRONICS LABORATORY INC.

54 Kinkel St., Westbury, L. I., N. Y. (Tel. EDgewood 3-1027)

Purch. Mgr.: Art Zink Sales Mgr.: Raymond L. Johnson

GS. TS. TR

TELEVISO CORP.

1415 Golf Rd., Des Plaines, Ill. (Tel. ROdney 3-8100)

Purch. Agent: M. E. Schneider
Sales Mgr.: D. F. Shea, Jr.

GS. GE. TR

TEL-INSTRUMENT ELECTRONICS CORP. 728 Garden St., Carlstadt, N. J. (Tel. WEbster 3-1600)

Purch. Agent: A. J. Paret Sales Mgr.: E. W. Brinkerhoff MF, PS, GS, GH, GE, CO, TS, TR

TELKOR, INC. N. Murray Ridge Rd., Elyria, O. (Tel. FA 2-8623)

V. P.-Gen. Mgr.: Howard R. Roe GS, GH, GE, TR

TEL-LABS., INC.

1050 Second St., Manchester, N. H. (Tel. NA 3-5711)

Gen. Mgr.: J. Henry Izart GE, TS, TR

TELONIC INDUSTRIES, INC.

75 N. 2nd Ave., Beech Grove, Ind. (Tel. STate 6-9239)

Buyer: Mrs. 8. A. Wainwright
PS, GS, GE, CO, TS, TR

TEMCO AIRCRAFT CORP.

P. O. 80x 6191, Dallas 22, Texas (Tel. BRoadway 6-7111) Pres. & Gen. Mgr.: Robert McCulloch

TEMPIL CORP.

132 W. 22nd St., New York II, N. Y. (Tel. ORegon 5-6610)

Purch .: Mimi Stoke

Order Suprvsr.: E. Lee PS, GE, TS

TEMPLETON, KENLY & CO.

16th & Gardner Rd., Broadview, III. (Tel. FIllmore 3-08801

TEMPO INSTRUMENT INC.

240 Old Country Rd., Hicksville, N. Y. (Tel. OVerbrook 1-2280)

Purch. Agent & Sales Mgr.: F. Meyer WN, GS, GE, CO, TR

M. TEN BOSCH, INC.

80 Wheeler Ave., Pleasantville, N. Y. (Tel. ROgers 9-3000)

Dir.-Prod.: G. P. Sierbach

Mgr.-Prod. App'n & Sales: Saul Padwo MF, GS, GE, CO, TS, TR

G. H. TENNANT CO.

721 N. Lilac Dr., Minneapolis 22, Minn. (Tel. LI 5-3771) Purch. Agent: Gilbert J. Kehr

Sales Mgr.: Joe Lyon

TENNEY ENGRG., INC. 1090 Springfield Rd., Union, N. J. (Tel.

MUrdock 6-7870)
Also: 2235 Sisson St., Baltimore, Md.
Purch, Agent: Robert Hak

V. P.-Sales Mgr.: Robert H. 8rown

GS, TS

TENSITRON, INC.

12-24 Harvard Depot Rd., Harvard, Mass. (Tel. GLadstone 6-3511) Pres. & Gen. Mgr.: Dr. Erwin J. Saxl

TENSOR ELECTRIC DEVELOPMENT CO., INC

1873 Eastern Pkwy., Brooklyn 33, N. Y. (Tel. HY 5-92001

Purch. Agent: Mrs. P. McFarland MF, PS, GS, GH, GE, TS, TR

TEPRO ELECTRIC CORP. 408A 8urke Bldg., 5 St. Paul St., Rochester 4, N. Y. (Tel. 8Aker 5-0478)

Asst. Sales Mgr.: Mrs. Ruth V. Noblett

TERADO CO.

1068 Raymond Ave., St. Paul 14, Minn. (Tel. Mldway 6-2514)

Gen. Mgr.: D. G. Munson Purch .: George Huff

Sales Mgr.: John J. Kaul GS, GE

TERMINAL RADIO CORP.
85 Cortlandt St., New York, N. Y. (Tel. WOrth 4-3311)

Purch. Agents: M. Blumberg, R. Corenthal & M. Filler

V. P.-Sales: Frank Miller PS, GS, GH, GE, CO, TS, TR

GEORGE A. TERRY CO.

356 S. Elmwood Ave., Buffalo I, N. Y. (Tel. WA 06331

Mgr.: George A. Terry

Sales Mgr.: Harold A. Dodge

TEXAS CAPACITOR CO.

922 S. 75th St., Houston, Tex. (Tel. WA 3-9173)

Chief Engr.-Purch.: George S. Chaffin Purch. Agent: Faye Harper Gen. Mgr.-Sales: A. Koberling GE

TEXTRAN CORP.

P. O. Box 9207, 8500 Research Rd., Austin,
Tex. (Tel. GL 3-8378)

Bus. Mgr.: George E. Strandtmann

THERMAL AMERICAN FUSED QUARTZ CO., INC. 18-20 Salem St., Dover, N. J. (Tel. FOx-

croft 6-2807)

Purch. Agent: R. Doormann Purch. Agent: K. Doorman...
Sales Mgr.: John F. von Sternberg
MF. PS

THERMAX WIRE CORP. 304 E. 45th St., New York 17, N. Y. (Tel. MUrray Hill 9-7120)

Purch. Agent: John D. Sheeran Sales Mgr.: George W. Heller MF, PS, GS, CO, TS, TR

THERM-ELECTRIC METERS CO., INC. Hudson St., Ext., Ithaca, N. Y. (Tel. 4-9501) V. P.: John E. Paige

Sales Engr.: H. A. Ďavis, Jr.

MF, PS, GS

THERMO ELECTRIC CO., INC.

109 5th St., Saddle Brook, N. J. (Tel. HUbbard 9-5800)

Purch. Agent: J. P. McKoon

Prod. Mgr.: A. Allee Sales Mgr.: J. H. Collins MF, PS, GS, GE, CO, TS, TR

THERMO KING CORP.

44 S. 12th St., Minneapolis 3, Minn. (Tel. FEderal 8-5871) Exec. V. P.-Sales: M. B. Green

THERMO MATERIALS, INC.

4040 Campbell Ave., Menlo Park, Calif. (Tel. DAvenport 6-2780) Purch. Agent: Don C. Rebok
Exec. V. P.-Sales: Emo D. Porro
MF, WN, PS, GE, TR

THERMOLAB CORP.

6940 Farmdale Ave., N. Hollywood, Calif. (Tel. STanley 7-7105)

THERMO-PANEL DIV., DEAN

PRODUCTS INC.
616 Franklin Ave., Brooklyn 38, N. Y. (Tel. STerling 9-5400)

THETA INSTRUMENT CORP.

48 Pine St., E. Paterson, N. J. (Tel. SWarthmore 7-7700) Purch. Agent: Ralph Rinaldi

Sales Mgr.: Stanley Handelman

GE, CO, TS, TR

THIEBLOT AIRCRAFT CO., DIV.-VITRO CORP. OF AMERICA Martinsburg, W. Va. (Tel. AMherst 3-338S)

Dir.-Purch.: Art Williams
V. P.-Sales: W. P. Maloney
MF, WN, PS, GS, GH, GE, CO, TS, TR

THIOKOL CHEMICAL CORP., REDSTONE

Huntsville, Ala. (Tel. JE 6-4411) Purch. Agent: F. L. Quinn Purch.: Joe Todd & Russ Fowler

THOMAS INSTRUMENT CO.

41 Silver Rock, Phoenix, N. Y. (Tel. OWen 5-5134)

Prod. Mgr.: S. M. Thomas Sales Mgr.: R. Roe

THOMAS & SKINNER, INC. 1120 E. 23rd St., Indianapolis, Ind. (Tel. WA 3-2448)

Purch. Agent: E. F. Waterman

GE, TS, TR

H. I. THOMPSON FIBER GLASS CO.

1733 Cordova St., Los Angeles 7, Calif. (Tel. REpublic 3-9161) Purch. Agent: Dean Welch

Buyer: E. Titus V. P.-Sales: W. E. Benke

MF, WN, PS, GS, TR

THOMPSON PRODUCTS, INC

23555 Euclid Ave., Cleveland 17, O. (Tel. (Vanhoe 1-7500) 5taff Dir.-Purch.: G. N. Hackett

V. P.-Sales: G. R. Moore

THOMPSON-BREMER & CO.

228 N. La Salle St., Chicago I, III. (Tel. FRanklin 2-6858)

Sales Mgr.: Gail M. Rutledge

MF, PS THOMPSON-RAMO-WOOLDRIDGE PROD-

UCTS CO., THE P. O. Box 45067, Airport Station, Los Angeles 45, Calif. (Tel. OSborne 4-5601) Controller: Robert J. 8arrett, Jr.

Dir.-Mktg.: Raymond E. Jacobson

ARTHUR TICKLE ENGRG. WORKS, INC. 21 Delevan St., Brooklyn 31, N. Y. (Tel.

MAin 5-4200) Purch. Agent: Andrew Posser Buyers: William Doyle & Frank Petito Industrial Sales Mgr.: Nicholas P. Harvey

MF, WN, PS TIMES WIRE & CABLE CO., INC. 358 Hall Ave., Wallingford, Conn. (Tel. COlony 9-3381)

Office Mgr.-Purch.: Leo J. 8alestrero V. P.-Sales: Lawrence J. DeGeorge MF, P5, GS, GH, TS, TR

TIMKEN ROLLER BEARING CO., THE 1835 Dueber Ave., S. W., Canton, O. (Tel. GL 3-4511)

Purch. Agent: Paul Young

V. P.-Sales: W. B. Moore MF, PS, GH, GE

E. F. TIMME & SON, INC. I Park Ave., New York, N. Y. (Tel. MU

Mgr.-Industrial Div.: H. Arnold Giles

Dir.-Purch.: Wm. H. French
V. P.-Sales: Harry Eyler MF, GS, GH
\*(See advertisement in this issue) TRICRAFT PRODUCTS CORP.
1124 W. Newport Ave., Chicago 13, III.
(Tel. WEllington 5-5383) TINNERMAN PRODUCTS, INC. Dept. 16, P. O. Box 6688, Cleveland I, O. (Tel. SHadyside I-9300)

Dir.-Purch.: R. F. Merriam MF TRANE CO., THE Gen. Mgr.: E. A. Goncoe Zand & Cameron Ave., La Crosse, Wisc. (Tel. 2-8000) V. P.-Purch.: R. H. Pearse Exec. V. P.-Sales: Thomas Hancock MF, WN, PS, GS, GH, GE, TR GS, GH, GE, TS, TR TRI-DEX CO.
P. O. Box 1207, Lindsay, Calif. (Tel. LInd-TITAN METAL MFG. CO.
Bellefonte, Pa. (Tel. EL 5-4712)
V. P.-Purch.: M. J. Rothrock
Gen. Purch. Agent: B. R. Tingue say 2-4051) K. B. Howard TRANS ELECTRONICS, INC.
7349 Canoga Ave., Canoga Park, Calif. MF, WN, PS, GS, GH, GE, CO, TS, TR Tech. Asst. to Gen. Purch. Agent: (Tel. Dlamond 0-3334) TRIMOUNT INSTRUMENT CO.
3119 W. Lake St., Chicago 12, III. (Tel.
NEvada 2-3747) R. H. Eiser Purch. Agent-Raw Material: O. T. Lambert Buyer: L. Keldrauk V. P.-Sales: R. H. Lightner V. P.-Sales: William J. Miller PS, GS, GE, CO, TS, TR MF. WN. PS. GE Purch.: F. R. Areni Sales Mgr.: D. E. Haines TITANIUM METALS CORP. OF AMERICA 233 Broadway, New York 7, N. Y. (Tel. TRANSCO PRODUCTS, INC. MF, WN, PS, GE, CO, TS Tallo Nebraska Ave., Los Angeles 25, Calif. (Tel. BRadshaw 2-5687) Purch.: Hugh P. Rice WOrth 4-7620) TRINDL PRODUCTS, LTD. Dir.-Mktg.: T. W. Lippert Sales Mgr.: Robert S. Nycum 1807 S. Clark St., Chicago 16, Ill. (Tel. MF. WN Sales: E. M. Cleland Victory 2-7716) Gen. Mgr.: Joseph H. Trindl, Jr.
PS, GS TITEFLEX, INC.
Hendee St., Springfield, Mass. (Tel. REpub-TRANSDYNE CORP. 5815 57th Drive, Maspeth 78, N. Y. (Tel. TW 4-6681) lic 9-5631) TRIO CHEMICAL WORKS, INC. 341 Scholes St., Brooklyn 6, N. Y. (Tel. HYacinth 7-3595) Purch. Dir.: S. J. Souis Dir.-Purch.: E. Braun Buyers: R. Brennan & R. Handel GS, GE, CO, TS Sales: D. H. Arthur Purch .: Harold Blank MF, PS, GS, GH, GE, CO, TS, TR TRANSFORMERS, INC. 200 Stage Rd., Vestal, N. Y. (Tel. ENdicott Sales: M. M. Blank MF, WN, PS, GS, GH TODD PRODUCTS CO., INC.
156 Gramatan Ave., Mt. Vernon, N. Y. 8-3311) Purch. Agent: L. Bronson TRIO LABORATORIES, INC. 4025 Merrick Rd., Seaford, N. Y. (Tel. (Tel. FAirbanks 4-0223) Sales Engr.: M. Shufler Purch. Agent: S. Fishman Sales Mgr.: E. Martoccia GS, GE, CO, TS, TR SUnset 5-5030) GE Purch. Agent: Thomas Curry TOPFLIGHT CORP.
160 E. 9th Ave., York, Pa. (Tel. 8-1541)
Purch. Agent: C. N. Jordan
Sales Dir.: R. M. Dent MF, TRANSISTOR DEVICES INC. Sales Mgr.: Jay S. Salz 730 Blvd., Kenilworth, N. J. (Tel. CHestnut GE, CO, TS, TR 1-0044) Purch.: Leon Kapelsohn TRION, INC. 1000 Island Ave., McKees Rocks, Pa. (Tel. FEderal 1-3300) TOPPER MFG. CO., INC. TRANSITRON ELECTRONIC CORP. 147-12 Liberty Ave., Jamaica 35, N. Y. (Tel. AXtel 1-8390) 168 Albion St., Wakefield, Mass. (Tel. CRystal 9-4500) Purch. Agent: John L. Hergenroeder Sales Mgr.: Fred Greil
MF. WN. PS. GS. GH. GE. TR Purch. Agent: George Johnstone Sales Mgr.: James B. Hangstefer TRI-POINT PLASTICS INC. GF 175 I. U. Willets Rd., Albertson, L. I., N. Y. (Tel. MAyfair I-5800) Purch. Agent: Sid Kipnes TORIT MFG. CO. Walnut & Exchange Sts., St. Paul, Minn. TRANSONIC, INC. 808 16th St., Bakersfield, Calif. (Tel. FA 7-5701) Buyer: Sal Mulay (Tel. CApital 2-4419) Dir.-Sales: Pat Ruggieri Purch. Agent: George Huna Dir.-Purch.: Harvey A. Lipp Gen. Sales Mgr.: C. P. Cushway MF, WN, GE, TR V. P.-Sales: Frank Chase GS. GE. TS. TR **★C. W. TORNGREN CO., INC.** TROP-ARCTIC, INC. 236 Pearl St., Somerville 45, Mass. (Tel. TRANS-SONICS, INC. 3000 S. Hackley St., Muncie, Ind. (Tel. ATlas 2-4582) MOnument 6-3250) P. O. Box 328, Lexington 73, Mass. (Tel. Purch, Agent: Wm. DeCain BRowning 2-1000) Sales Mgr.: A. M. Andrews Head-Sales: Kenneth A. Casavant Purch. Agent: Robert L. Maeder MF, WN, PS, GS Gen. Sales Mgr.: Howard A. Morrison, Jr. CO, TS, TR TRUE ALLOYS INC. ★(See advertisement in this issue) 284 S. Summit St., Detroit 9, Mich. (Tel. VInewood 2-8686)
Secy.: F. C. Huft MF, WN, PS, GE TORRINGTON CO., THE
59 Field St., Torrington, Conn. (Tel.
HUnter 2-4441) TRANSUE & WILLIAMS STEEL FORGING CORP. HUnter 2-4441)
Dir.-Purch.: W. V. Viering
Sales Mgr.: R. G. O'Connell
MF, WN, PS, GS, GH, GE 1300 Ely, Alliance, O. (Tel. 1-5741) TRUXTON INDUSTRIES, INC. Purch. Agent: H. C. Martin
Asst. Purch. Agent: R. H. Cost
Sales Mgr.-Stamping Div.: C. J. Brunn
Sales Mgr.-Forge Div.: J. W. Ament P. O. Box 46, Rose Hill, Kans. (Tel. 54) Purch. Agent: Norma Lyster V. P.-Sales: Ted Jerson TOWACO ELECTRONICS MF, WN, PS, GS, GE MF, WN, PS Pine Brook Rd., Towaco, N. J. (Tel. DE 4-4443) TRESCO, INC. Pres.: Samuel I. Cory, Jr. 3824 Terrace St., Philadelphia 28, Pa. (Tel. IV 3-1383) CODING \*TOWNSEND CO., CHERRY RIVET Purch. Agent: Stanley Fisher DIV. 1224 E. Delhi Rd., Santa Ana, Calif. (Tel. Missile Frame MF Sales: Stan Auerbach Warhead & Nose Cone WN MF, PS, GS, GE, TS, TR KI 5-5511) Purch. Agent: S. H. Bates Sales Mgr.: John H. Roy Propulsion System PS TRIAD TRANSFORMER CORP. Ground Support GS MF, WN, PS 4055 Redwood Ave., Venice, Calif. (Tel. ★(See advertisement in this issue) Ground Handling GH EXmont 7-2145)
Purch. Agent: G. L. Howard
Sales Mgr.: Ernest Clover Guidance Equipment GE TRAID CORP. 17136 Ventura Blvd., Encino, Calif. (Tel. Check-out Equipment co GS, GE, TR STanley 7-5373) **Test Equipment** TS TRICON MFG. CO. 8008-12 S. Wallace St., Chicago 20, III. (Tel. ABerdeen 4-0600) Purch. Agent: Anthony De Marco Tracking & Telemetering TR Merchandising: Mark MacIntosh Research & Development RE CO, TS, TR

\*TRAILMOBILE INC.

REdwood 1-2323)

31st & Robson Sts., Cincinnati 9, O. (Tel.

Purch .: William R. Grandle

MF, WN, PS, GE, TR

Sales: T. R. Boedeker

TINGSTOL CO.

1461 W. Grand Ave., Chicago 22, Ill. (Tel. CAnal & 1520) Purch. Agent: L. R. Morton Sales: John P. Zopp GE

#### \*UNITED AIRCRAFT PRODUCTS, . . . purchasing directory tube—vec 1116 Bolander Ave., Dayton, O. (Tel. TUBE DISTRIBUTORS CO., INC. U M & F MFG. CO. BAldwin 4-3841) Dir.Purch.: John Shroyer Sales Mgr.: Frank A. Ryan MF, WN, PS, GS, GH, GE, TS, TR \*(See advertisement in this issue) 10929-39 Vanowen St., N. Hollywood, Calif. 1415 Kellum Place, Garden City, N. Y. (Tel. POplar 6-9425) (Tel. Ploneer 7-5000) Purch. Agent: Wm. J. Brownell, Jr. Sales Mgr.: Patrick G. Smaldone Buyer: Albert Salis Sales Mgr.: David Reeves TUBE METHODS INC. UCINITE CO., THE, DIV.-UNITED-CARR FASTENER CORP. UNITED CARBON PRODUCTS CO. Depot & Rambo Sts., Bridgeport, Montg. Co., Pa. (Tel. Norristown-BR S-6125) Exec. V. P.: Paul V. Fly MF, PS, GE, TS, TR 1318 N. Madison St., Bay City, Mich. 459 Watertown St., Newtonville, Mass. (Tel. (Tel, TWinbrook 3-457S) Purch. Agent: M. D. Sordyl Sales Mgr.: E. J. Musinski LAsall 7-8400) Purch. Agent: T. J. Costello PS, GS Sales: G. V. Sweetnam TUBE REDUCING CORP. MF, WN, PS, GS, GH, GE, TR UNITED CONTROL CORP. 520 Main Ave., Wallington, N. J. (Tel. PRescott 7-3700) 4540 Union Bay Pl., Seattle S. Wash. (Tel. PRescoff 7-3700] Purch. Agent: E. P. McMahon Gen. Sales Mgr.: C. L. Megargle MF, WN, PS GEORGE ULANET CO. LAkeside 5-9200) Materiel Dir.: Martin K. Lilleberg Asst. Materiel Dir.: Hugh LaVille 413 Market St., Newark S, N. J. (Tel. MA 2-4876) Sales Mgr.: Howard H. Suskin MF, PS, GS, GH, GE, CO, TS, TR Sales: H. Ulanet TUCSON INSTRUMENT CORP. ULTRA ELECTROFORMING & MFG. CO. 1050 E. Valencia Rd., P. O. Box 11247, Tucson 2, Ariz. (Tel. MAin 2-1092) **Pres.:** Frank R. Pener UNITED ELECTRODYNAMICS, DIV.-UNITED 110 Cedar Ave., Pitman, N. J. (Tel. LUther GEOPHYSICAL CORP. 9-7666) 1200 S. Marengo Ave., Pasadena, Calif. (Tel. SYcamore 9-7161) Treas.: E. P. Carter MF. WN. PS. GS. GH. GE. CO. TS. TR Purch .: E. H. Lemke, W. G. Martin & TURBO DYNAMICS CORP. ULTRADYNE, INC. C. D. Morrison P. O. Box 3308, Albuquerque, N. Mex. Douglas-Tahoe Airport, Minden, Nev. (Tel. Sales Mgr.: F. A. Fleck (Tel. AMherst 8-2431) Asst. Secv.-Purch.: Wilfred Jones Purch. Agent: Jack Kennedy UNITED ELECTRONICS CO. Asst. Purch. Agent: Fred H. Thaheld Gen. Sales Mar.: Victor V. Myers 42 Spring St., Newark 4, N. J. (Tel. HUm-boldt 2-0576) MF. PS. GS. GH. GE ULTRA-VIOLET PRODUCTS, INC. Purch. Agent: Mrs. Josephine Brown Sales Mgr.: David W. McCormick TUR-BO JET PRODUCTS CO., INC. 424 S. San Gabriel Blvd., San Gabriel, Calif. (Tel. CUmberland 3-5191) 5114 Walnut Grove Ave., San Gabriel, Calif. (Tel. CUmberland 3-3193) Factory Supt.: Melvin D. Hershey GE, TS, TR Purch. Agent: C. A. Sprowl Sales Mgr.: H. G. Porter MF, WN, PS, GS, CO, TS, TR UNITED MFG. CO., THE PS. GE. CO. TR 5250 Dobeckmun Ave., Cleveland 2, O. (Tel. OLympic 1-6310) TURBO PRODUCTS, INC. Purch. Agent: Marc P. Raia UNGAR ELECTRIC TOOLS, INC. 12177 Montaque St., Pacoima, Calif. (Tel. V. P.-Sales: Joseph N. Ryder 4101 Redwood Ave., Los Angeles 66, Calif. EMpire 9-52521 MF, WN, PS, GS, GH, GE, TS, TR Purch. Agent: Howard Wade Sales Co-Ordinator: W. W. Day, Jr. MF, WN, PS, GS, GH (Tel. EXmont 8-5718) UNITED MFG. CO. DIV., THE W. L. Purch. Agent: Frank D. Hurd MAXSON CORP. UNIFLOW VALVE CORP. 41 Haig St., Hamden 14, Conn. (Tel. New TURCO PRODUCTS, INC. 19 Quine St., Cranford, N. J. (Tel. BR Haven-CH 8-4491) 6135 S. Central Ave., Los Angeles, Calif. (Tel. ADams 2-6111) 6-8300) Purch, Agent: C. W. Redmond Purch.: M. Swinske GS. GH. TS Dir.-Purch .: A. H. Dekker Los Angeles Purch.: D. W. Eckroad UNITED MINERAL & CHEMICAL CORP. UNIFORM TUBES, INC. Dir.-Sales: Dan T. Buist MF. WN. PS. GS. GH. CO. TS 16 Hudson St., New York 13, N. Y. (Tel. Level Rd., Collegeville, Pa. (Tel. HUxley Beekman 3-8870) 9-7276) Purch. Agent: Terry D. Koncelik C. K. TURK CORP. Plant Supt.: A. B. Mainwaring Sales: Herbert M. Rosenthal 1122 Mishawaka Ave., South Bend, Ind. (Tel. AT 9-6311) V. P.-Purch.: R. D. Turk Sales Mgr.: D. T. MacNair MF, PS, GS, GE, TR UNIMAX SWITCH DIV. UNITED SHOE MACHINERY CORP. WN, GS Purch.: H. J. Barrett Ives Rd., Wallingford, Conn. (Tel. COlony 140 Federal St., Boston 7, Mass. (Tel. 9-8701) Liberty 2-9100) TWIN COACH CO.-AIRCRAFT DIV. Purch. Agent: J. Osias Mgr.-Purch. Dept.: A. L. Neff P. O. Box 2507, Buffalo 25, N. Y. (Tel. Sales Mgr.: J. Martinez GF Purch.: R. J. Carroll, H. F. Pfaff, Norman PLaza 5150) Hill & George E. Bowen V. P.-Sales: C. R. Todd Materials Mgr.: H. E. Rhoads UNION ASBESTOS & RUBBER CO. V. P.-Contracts Admin.: G. R. Hecht IIII W. Perry St., Bloomington, III. (Tel. MF. WN. PS. GS MF, WN 3-8081) 3-8081) Purch. Agent: L. Vicha Sales Mgr.: E. T. Plummer MF, WN, PS, TR UNITED SMELTING & ALUMINUM CO., TWIX MFG. CO., INC. 40-09 21st St., Long Island City 1, N. Y. (Tel. STillwell 4-0530) INC. P. O. Box 1910, New Haven, Conn. (Tel. MA 4-2181 V. P.-Purch.: D. J. O'Brien Purch. Agent: B. Pilmer Gen. Supt.: F. A. Merliss \*UNION SWITCH & SIGNAL, DIV.-WESTINGHOUSE AIR BRAKE Exec. V. P.-Sales: Milton E. Rosenthal Jr. Buyer: R. Quinn V. P.-Sales: J. Albert CORP.

Braddock Ave., Pittsburgh I CHurchill 2-5000) V. P.-Purch.: R. M. Hornbeck

Asst. Dir.-Purch.: R. E. Moritz

Purch. Agent: H. I. McKeever

★(See advertisement in this issue)

UNIT PROCESS ASSEMBLIES, INC.

Sales Mgr.: S. U. Lieber

SPring 7-1398) Purch.: C. Cirilli

Mgr.-Gen. Apparatus Sales: P. K. Eckhardt

61 E. 4th St. New York 3, N. Y. (Tel.

Pittsburgh 18, Pa. (Tel.

GE, CO, TS, TR

TS

U. S. COMPONENTS INC.

V. P.-Purch.: B. A. Jackson

CYpress 2-6525)

Sales: H. Nalbantian

& METALS, INC.

454 E. 148th St., New York 55, N. Y. (Tel.

U. S. GAUGE DIV.,-AMERICAN MACHINE

Mgr.-Aircraft Sales: David A. Winer
PS, GE, CO, TS, TR

Sellersville, Pa. (Tel. ALpine 7-6531)

Dir.-Proc .: Clayton Kirkpatrick

Purch. Agent: M. H. Blackwell

PS, GS, GH, GE, CO, TS, TR

E. F. TWOMEY CO., INC.

HUPP CORP.

ULster 8-0800)

728 W. 10th Pl., Los Angeles 15, Calif. (Tel. RI 9-9451)

TYPHOON AIR CONDITIONING CO., DIV .-

Purch. Agent: George W. Weinberg

Asst. Purch. Agent: T. E. Krawetz V. P.-Sales: John A. Gilbreath

505 Carroll St., Brooklyn 15, N. Y. (Tel.

MF, GS

MF, GS, GE

Secy.-Treas.: E. F. Twomey, Jr.

81 Bay State Rd., Wakefield, Mass. (Tel. CRystal 6-4900) 420 Market St., San Francisco II, Calif. (Tel. YUkon 2-3565) Purch.: H. F. Perezone, 1929 Williams St., San Leandro, Calif. (Tel. LOckhaven 8-1441 N. 19th St., Arlington 9, Va. (Tel. JAckson 5-4541) Engr.-Purch.: A. P. Cotreau Estimator: Harold H. Archer Purch. Agent: David L. Watson Sales Mgr.: Kirk L. Burns
MF, PS, GS, GH, GE, CO, TS, TR PS, GS Sales Mgr.: David M. Abbot 12521 **★**(See advertisement in this issue) Sales: Larry Wright, San Francisco UNIVERSAL ELECTRIC CO. PS. GS. GH. GE 300 E. Main St., Owosso, Mich. (Tel. U. S. HAMMERED PISTON RING CO., INC. Rail Road Ave., Stirling, N. J. (Tel. Milling-SAratoga 5-7174) VACUUM TUBE PRODUCTS CO. INC. ton 7-0100) Dir.-Purch .: Gerald Hoddy 2020 Short St., Oceanside SAratoga 2-7648) Purch. Agent: L. J. Huking Oceanside, Calif. (Tel. V. P.-Purch.: A. A. Wenzel PS Dir.-Sales: A. E. Kerscher Purch.: R. Bossmann & A. Thoms UNIVERSAL ELECTRONICS CO. MF, WN, PS, GS V. P.-Sales: J. J. Sutherland 1720 22nd St., Santa Monica, Calif. (Tel. PS, GS, GE, CO, TS, TR UNITED STATES CHEMICAL MILLING EX 3-77071 CORP. Owner: Edward Lacey PS. GS. GF \*VALCOR ENGRG. CORP. 1700 Rosecrans Ave., Manhattan Beach, Calif. (Tel. ORegon 8-4041) Carnegie Ave., Kenilworth, N. J. (Tel. UNIVERSAL MACHINE CO., INC. CHestnut 5-1665) 316 Lincoln St., Fenton, Mich. (Tel. MAin Purch. Agent: James E. Bates Purch. Agent: B. P. Welt 9-22931 Mgr.-Contract Engrg.: Merrill L. Johnson Gen. Sales Mgr.: Murray Maslow Purch. Agent: Byron S. Scott Purch. Agent-Head Sales: John Donald PS, GS, GE UNITED STATES DYNAMICS CORP. ★(See advertisement in this issue) 1250 Columbus Ave., Boston 20, Mass. MF, PS Jordan (Tel. HI 5-3850) VANADIUM-ALLOYS STEEL CO. UNIVERSAL METAL PRODUCTS INC. Gen. Mgr.: Edward J. Cagney Latrobe, Pa. (Tel. KEystone 7-5551) 331 Vineland Ave., Puente, Calif. (Tel. Sales Mgr.: J. F. Eaton Purch. Agent: Lewis M. Potter EDgewood 6-4561) PS, GS, GH, GE, TR Asst. Purch. Agent: Alex B. Smith V. P.-Sales: R. Burns George Purch. Agent: Gene Knowles Sales Mgr.: O. J. Miller MF. PS UNITED STATES PLASTIC ROPE, INC. MF, WN, PS 2581 Spring St., Redwood City, Calif. (Tel. EMerson 8-1461) VANGUARD ELECTRONICS CO. UNIVERSAL MICROPHONE CO. 3384 Motor Ave., Los Angeles 34, Calif. Box 55, Inglewood, Calif. (Tel. EX 8-6898) V. P.-Purch.: D. M. Harrison GS Gen. Mgr.: James G. Allio (Tel. TExas 0-8344) Purch.: Simon A. Golbert UNITED STATES PLYWOOD CORP. GS. GE. TR UNIVERSAL TRANSISTOR PRODUCTS S5 W. 44th St., New York, N. Y. (Tel. MU 2-1900) GS VAP-AIR DIV., VAPOR HEATING CORP. CORP. 6444 W. Howard, Chicago 31, Ill. (Tel. 17 Brooklyn Ave., Westbury, N. Y. (Tel. EDgewood 3-3304) Purch. Agent: I. R. Zeller NE 1-92001 UNITED STATES RADIUM CORP. Purch. Agent: Robert W. Currer Buyers: Ronald R. Krenek & Frank Slapak V. P.-Sales: L. H. Gillick P. O. Box 246, Morristown, N. J. (Tel. JEfférson 9-4000) GS, GH, GE, CO, TS, TR Purch. Agent: R. Van Epps UNIVERSAL UNLIMITED, INC. WN, PS, GS, GE, CO, TS, TR V. P.-Sales: C. W. Wallhausen
MF, WN, PS, GE, CO, TS, TR Pratt Oval, Glen Cove, N. Y. (Tel. GLen VAPOR BLAST MFG. CO. Cove 4-6400) 3025 W. Atkinson Ave., Milwaukee 9, Wis. (Tel. CUster 3-6500) Purch. Agent: Henry J. Belmont Sales Mgr.: Felix La Mar UNITED STATES STEEL CORP. Purch. Agent: A. Odehnal MF, GE, TS, TR 525 William Penn Pl., Pittsburgh 30, Pa. Media Suprvsr.: A. F. Berliner MF, Sales Mgr.: H. F. Patin MF, PS UNIVERSITY LOUDSPEAKERS, INC. VARD INC. 2981 E. Colorado St., Pasadena, Calif. (Tel. SYcamore 6-9281) 80 S. Kensico Ave., White Plains, N. Y. (Tel. WHite Plains 6-7700) Purch. Agent: Seymour Blumenfeld UNITED STATES VARNISH CO. P. O. Box 2, 1625 Franklin Ave., Hasbrouck Hts., N. J. (Tel. ATlas 2-0373) Dir.-Sales & Merchandising: Purch .: Henry G. Hose Buyers: Jim Gilbert, John Allen & Groff GS Lawrence J. Epstein Brown UNITED SUPPLY CO. UNIWAYE, INC. Exec. V. P .- Sales: Phillip R. Heim 109 Marine St., Farmingdale, N. Y. (Tel. 3676 S. Broadway Pl., Los Angeles 7, Calif. CH 9-81801 VARFLEX CORP. (Tel. ADams 3-4384) 512 W. Court St., Rome, N. Y. (Tel. 4099) Purch. Agent: Harry L. Guss Sales Mgr.: Morris C. Guss MF, WN, PS, GS, GH, GE MF, WN, PS, GS, GH, GE, CO, TS, TR Purch.: Merrick Drummond Sales: J. H. Finnegan UTICA DROP FORGE & TOOL DIV.-KELSEY MF, WN, PS HAYES CO. VARI-L CO., INC. UNITED TRANSFORMER CORP. 2415 Whitesboro St., Utica 4, N. Y. (Tel. 432 Fairfield Ave., Stamford, Conn. (Tel. Fireside 8-0091) 5-64111 150 Varick St., New York 13, N. Y. (Tel. Purch. Agent: Russell Jones ALgonquin 5-3500) Asst. Purch. Agent: E. Kern Pres.: J. L. Kiser GS, TS, TR Purch. Agent: J. Kramer Mgr.-Missile Div.-Sales: W. K. Norris Sales Mgr.: H. Russell VARO MFG. CO. MF, WN, PS, GS GS, GE, CO, TS, TR 2201 Walnut St., Garland, Tex. (Tel. BR VACAP CORP. 6-6141) UNITED-CARR FASTENER CORP. Purch. Agent: Brad Riggs Buyers: Bill Bonds & Al Armstrong 1905 Summit Ave., Union City, N. J. (Tel. 31 Ames St., Cambridge 42, Mass. (Tel. UNion 7-6630) Kirkland 7-4900) Mgr.-Customer Relations: J. R. Gilmer V. P.-Purch. & Sales: L. Dolinko Purch. Agent: F. J. Ross PS, GS, GH, GE, CO, TS, TR GH. TR Asst. Purch. Agent: David Erb Sales: Arthur W. Rice, Jr.
MF, WN, PS, GS, GH, GE, TR VACU-BLAST CO. INC.
Box 885, Belmont, Calif. (Tel. LYtell 3-7658) CODING UNIVERSAL CIRCUIT CONTROLS CORP. Purch. Agent: Frank Zuest Missile Frame MF 3610 Oakton St., Skokie, III. (Tel. ORchard Sales Mgr.: A. L. Hawley, Jr. Warhead & Nose Cone WN 5-2620) Chief Engr. & Gen. Mgr.: Sander B. VACUUM METALS CORP., DIV.-CRUCIBLE STEEL CO. OF AMERICA P. O. Box 977, Syracuse I, N. Y. (Tel. HOward 8-2571) Prapulsion System PS Friedman Graund Support GS Dir.-Sales: Ivan Himmel **Ground Handling** GH UNIVERSAL DRAFTING MACHINE CORP. Dir.-Purch.: R. O. Bridge, Crucible Steel
Co. of America, Oliver Bldg., Pittsburgh **Guidance Equipment** GE 7960 Lorain Ave., Cleveland 2, O. (Tel. Check-out Equipment CO OL 1-4747) 30, Pa. (Tel. ATlantic 1-3800) TS Test Equipment Purch. Agent: R. F. Barnes Asst. Purch. Agent: D. DeVito V. P.-Sales: S. W. Hoover Head-Purch. Dept.—Syracuse: F. G. Hefti Sales Mgr.-Syracuse: F. J. Coates

UNIVERSAL DYNAMICS CORP.

**★U. S. GEAR CORP.** 

VACUUM RESEARCH CO.

TR

Tracking & Telemetering

Research & Development

MF, WN, PS

#### VULCAN ELECTRIC CO., DIV.-CONSOLI-DATED ELECTRIC LAMP CO., INC. . . . purchasing directory vee—wes B8 Holten St., Danvers, Mass. (Tel. SPring VICTOR ELECTRIC WIRE & CABLE CORP. VECTOR ELECTRONIC CO. 4-17301 618 Main St., W. Warwick, R. I. (Tel. 1100 Flower St., Glendale I, Calif. (Tel. Purch. Agent: J. O. Harris CH 5-1076) VAlley 1-1700) Buyer: R. F. Perry Sales Mgr.: L. A. Brett Sales: Norman Brill Purch. Agent: Jerry Strickland PS. GS. GH MF, PS, GS, GH, GE, TS, TR Buyers: Estelle Casseda & Lee Buck Sales Mgr.: John R. Hart WJZ TOOL SPECIALTIES VICTOR MFG. & GASKET CO. MF. GE. TS. TR E. Park Rd., Hyde Park, N. Y. (Tel. 5750 W. Roosevelt Rd., Chicago SO, III. CApitol 9-2929 VECTRON, INC. (Tel. AUstin 7-6180) Sales Mgr.: Jed Daly 1566 Trapelo Rd., Waltham 54, Mass. (Tel. Gen. Purch. Agent: Harold G. North TWinbrook 3-8700) Gen. Sales Mgr.-Industrial Div.: WAAGE ELECTRIC, INC. Purch. Agent: M. D. Granville MF. PS Albert J. Aukers 720 Colfax Ave., Kenilworth, N. J. (Tel. CHestnut \$-9363) Gen. Sales Mgr.: Howard M. Jones VICTORY ENGINEERING CORP. GS VEECO VACUUM CORP. Curtis Frantz 50 Springfield Rd., Union, N. J. (Tel. 86 Denton Ave., New Hyde Park, L. I., N. Y. (Tel. Pl 6-1161) MUrdock 8-7150) WACLINE, INC. Purch. Agent: R. W. Blimm 35 S. St. Clair St., Dayton 2, O. (Tel. Purch. Agent: E. Potter Sales: W. B. Huston BAldwin 8-5161) V. P.-Sales: A. Nerken Purch. Agent: R. G. Swanson V. P.-Sales: M. E. Goll PS, GS, GE, CO, TS, TR PS, GS, GH, GE, CO, TS, TR VIDEO INSTRUMENTS CO., INC. VEEDER-ROOT INC. PS, GS, GE, CO, TS, TR 3002 Pennsylvania Ave., Sant Calif. (Tel. EXbrook 3-1244) Prod. Mgr.: Charles Seelig Santa Monica. 70 Sargeant St., Hartford 2, Conn. (Tel. JAckson 7-7201) H. A. WAGNER CO. Purch. Agent: R. I. Bond Sales Mgr.: G. Cogan 14707 Keswick St., Van Nuys, Calif. (Tel. V. P .- Sales: Peter Pohl CO, TS, TR STate 6-1090) Purch, Agent: R. H. Guild VIDEON ELECTRONIC CORP. VEET INDUSTRIES 902 E. Michigan St., Indianapolis 2, Ind. (Tel. MElrose 6-S461) WAGNER AWNING & MFG. CO., THE 25753 Groesbeck Hwy., E. Detroit, Mich. 2658 Scranton Rd., Cleveland, O. (Tel. (Tel. PRescott 6-3000) Purch. Agent: Charles Gallagher TOwer 1-5400) Purch. Agent: C. Yamek, Jr. Exec. V. P.-Sales: Larry R. Brahs Purch. Agent: A. Stewart Sales Mgr.: W. Clyde Nav Sales Mgr.: Arthur J. Schultz GE. TS. TR VEMALINE PRODUCTS CO. MF, WN, PS, GS VINCO CORP. P. O. Box 222, Hawthorne, N. J. (Tel. 9111 Schaefer Hwy., [ (Tel. WEbster 3-4350) MUlberry 4-4688) Purch. Agent: Wm, Venema MF, WN, PS, GS, GH, GE, CO, TR Detroit 28, Mich. WAKEFIELD ENGRG. CO. P. O. Box 471, Coeur d'Alene, Idaho (Tel. Purch. Agent: E. L. Camen Asst. Buyer: J. Davis MUrray 5-5541) V. P.: D. Bresnan Asst. Buyer: J. Davis Asst. Sales Mgr.: J. J. Kessel WN, PS, GS **★VENDORLATOR MFG. CO.** 2550 S. Railroad Ave., Fresno, Calif. (Tel. WAKMANN WATCH CO. INC. IS W. 47th St., New York, N. Y. (Tel. AMhert 6-9401) Purch. Agent: O. J. McMillin VINSON MFG. CO. INC. 8044 Woodley Ave., Van Nuys, Calif. (Tel. STanley 3-2576) Asst. Purch. Agent: Howard Henry GH WALBAR MACHINE PRODUCTS, INC. Factory Mgr.: H. Weimer ★(See advertisement in this issue) 74 Maple St., Stoneham, Mass. (Tel. Sales: Ray Wilber VIBRA SEAL CORP. SToneham 6-3035) MF, WN, PS, GS, GH, GE, TS, TR 2832 E. Grand Blvd., Detroit II, Mich. (Tel. TRinity 1-5130) Gen. Mgr.: S. Wiltse Purch. Agent: James W. Gallagher VIRGINIA PLAK CO. Sales Mgr.: T. John Caveney 270 Madison Ave., New York 16, N. Y. (Tel. MUrray Hill 3-9516) WALDICK ENGRG. CO. MF, PS, GS, GH, GE P. O. Box 398, Huntington Station, N. Y. Gen. Mgr.: S. N. Weis VIBRATION RESEARCH LABS., INC. (Tel. HAmilton 7-6780) MF, WN, GE, CO, TS, TR 58 Marbledale Rd., Tuckahoe, N. Y. (Tel. Mgr.: W. Dickman MF, PS, GS WOodbine 1-2440) VITRAMON, INC. Box S44, Bridgeport, Conn. (Tel. AMherst WALDOM ELECTRONICS INC. Purch. Agent: George Barrere 8-1656}

GS, GH, GE, TS, TR

VICKERS INC., DIV.-SPERRY RAND

Administrative & Engrg. Ctr., Detroit 32 Mich. (Tel. Royal Oak—Liberty 9-1122) Gen. Purch. Agent: R. V. Sharkey Gen. Sales Mgr.: J. T. Burns MF, WN, PS, GS, GH, GE, TS, TR

\*VICKERS INC., MARINE & ORD-NANCE DEPT., MACHINERY HYDRAULICS DIV.

172 E. Aurora St., Waterbury 20, Conn. (Tel. PLaza 6-3681) Purch. Agent: Harold Carberry Sales Mgr.: R. J. Mitchell ★(See advertisement in this issue)

VICKERY CO., THE

610 16th St., Oakland, Calif. (Tel. GLencourt 1-1160) Purch. & Sales: Herb Vickery

Controller: Alice M. Vickery

PS, GS, GH

TR

VICTOR ADDING MACHINE CO.

3900 N. Rockwell St., Chicago 18, III. (Tel. KEystone 9-8210) Purch. Agent: John Jasch Sales Mgr.-Electronics: R. R. Howard

VORAC CO., THE 147 Meadow Rd., Rutherford, N. J. (Tel. GEneva 8-0934) Dir.-Purch .: Robert Geist Asst. to Dir.-Purch.: M. Haber V. P.-Sales: D. E. Hartman MF, WN, PS, GS, GE, TS

Purch. Agent: Miss Glory Fields

Purch. Agent: William Osowski

VLCHEK TOOL CO., THE

Purch. Agent: F. J. Tkach

V. P.-Sales: L. F. Storie

GA 1-2480)

TExas 0-5321)

CO.

Buyer: Dorothy Kasperait Sales Mgr.: Clifford H. Tuttle, Jr.

3001 E. 87th St., Cleveland 4, O. (Tel.

VOI-SHAN MFG. CO., DIV.-PHEOLL MFG.

8463 Higuera St., Culver City, Calif. (Tel.

GE, TR

MF

MF

VOUGHT CO.

Mailing Add: P. O. Box 1350, Beverly Hills, Calif. (Tel. CR 6-1131) Contract Officer: W. E. Lanctot Mgr.-Sales: A. D. Fraser GS, GE, TR

4625 W. 53rd St., Chicago 32, Ill. (Tel. LUdlow 5-1212) MF, WN, PS, GS, GH, GE, CO, TS, TR

WALDORF INSTRUMENT CO., DIV.- F. C. **HUYCK & SONS** 

Wolf Hill Rd., Huntington Station, N. Y. (Tel. HAmilton 7-7500) Purch. Dir.: N. Schwetz Raw Material Buyer: E. Stockus Buyer-Electronics Div.: A. Fritz

Subcontr. Buyer-Electronics Div.: R. Hock Subcontr. Buyer-Fluid Systems Div.: H. 1ssackson V. P.-Sales, Fluid Systems Div.: Fred A.

Winzer, Jr. MF, WN, PS, GS, GH, GE, TS, TR

WALES STRIPPIT CO., UNIT OF HOU-DAILLE INDUSTRIES, INC.

Buell Rd., Akron, N. Y. (Tel. 9441) Purch. Agent: George MacFayden Gen. Sales Mgr.: Russell S. Johnson MF, GS

WALKIRT CO.

141 W. Hazel St., Inglewood 3, Calif. (Tel. ORegon 8-4814) Purch.: L. Wilgus Gen. Mgr.-Sales: Wes L. Kirchoff GS, GE, CO, TS, TR \*WALL COLMONOY CORP., STAINLESS PROCESSING DIV. WATERBURY PRESSED METAL CO., THE WEINSCHEL ENGRG. 10505 Metropolitan Ave., Kensington, Md. 300 Chase Ave., Waterbury, Conn. (Tel. (See Stainless Processing Div., Wall Col-(Tel. LOckwood 4-0122) PLaza 4-6189) monoy Corp.) West Purch. Agent: Joseph H. Purch. Agent: H. R. Morrow ★(See advertisement in this issue) Sales Mgr.: Edward Birochak Sales Mgr.: Miss Merle Munson G5. GE. CO. TS. TR P. WALL MFG. CO. WAUGH ENGRG. CO. Erie St., Grove City, Pa. (Tel. 910) Purch. Agent: Paul Northcott WEKSLER INSTRUMENTS CORP. 7842 Burnet Ave., Van Nuys, Calif. (Tel. 5T 3-1055) 195 E. Merrick Rd., Freeport, L. I., N. Y. (Tel. MAyfair 3-0100) V. P.-Sales: M. A. Silverman Purch. Agent: Allan Grotsky 5ales Mgr.: Alfred C. Catland, Jr. WALLACE PROCESS PIPING CO., INC. Purch. Agent: Milford Himmel P. O. Box 9658, Wright Station, Norfolk, Va. (Tel. JUstice 7-8718) V. P.-Sales: F. J. Pla T5 PS, GH, GE, CO, T5, TR Purch. Agent: Phil Uhler WAVEFORMS, INC. WELDMATIC DIV., UNITEK CORP. WALLINGFORD STEEL CO. 333 6th Ave., New York 14, N. Y. (Tel. 380 N. Halstead Ave., Pasadena, Calif. WAtkins 9-2795) Valley St., Wallingford, Conn. (Tel. (Tel. SYcamore 5-5995) Gen. Mgr.: A. E. Byers COlony 9-3361) Purch. Agent: James I. Runyon GS, GE, CO, TS, TR Purch. Agent: D. Norton Williams Gen. Mgr.: Gerald E. Woods Asst. Purch. Agent: William Dennison V. P.-Chg. Sales: G. J. Griffin WAVEGUIDE, INC. S. K. WELLMAN CO., THE 14837 Oxnard St., Van Nuys, Calif. (Tel. MF, PS 200 Egbert Rd., Bedford, O. (Tel. BEdford STanley 3-15271 Purch. Agent: N. C. Glass Sales Engr.: A. R. Theal MF, WN, PS, GS, GE, CO, TS, TR WALTHAM ELECTRONICS CORP. 2-2400) Purch. Agent: Frank C. Yehl 751 Main St., Waltham 54, Mass. (Tel. TWinbrook 4-6048) V. P .- Sales: W. E. Canfield Purch. Agent: Irving Kadesh MF, WN, PS, GH WAVELINE, INC. Passaic Ave., Caldwell, N. J. (Tel. CApitol 6-9100) GE, CO, T5, TR WALTHAM SCREW CO. WELLMAN BRONZE & ALUMINUM CO. 77 Rumford Ave., Waltham 54, Mass. (Tel. 12800 Shaker Blvd., Cleveland, O. (Tel. TWinbrook 3-5830)
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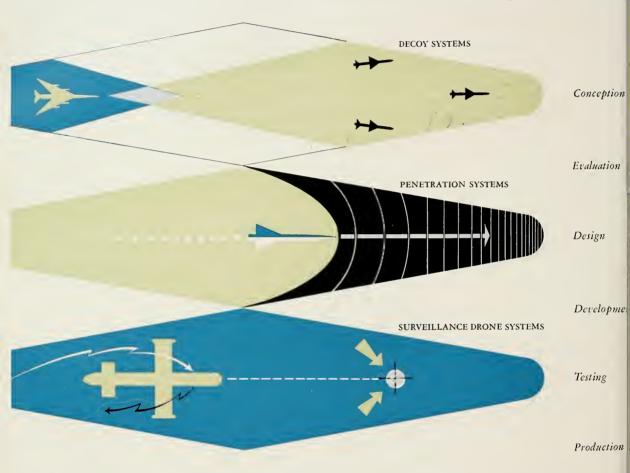
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B. F. Goodrich Industrial Products Co.
Hastings Plastics, Inc.
Lebec Chemical Corp.
The
Narmco Resins & Coatings Co.
Olin Mathieson Chemical Corp., High Energy
Fuels Div.
Raybestos-Manhattan, Inc.
Republic Aviation Corp., Guided Missiles Div.
Rubber & Asbestos Corp.
Sauereisen Cements Co.
Shell Chemical Corp.
Swedlow Plactics Co.
Topper Mfg. Co., Inc.
Vorac Co., The
Westline Products Div., Western Lithograph Co.

ADHESIVES, METAL TO METAL

Aeronca Mfg. Corp.
Ambroid Co. Inc.
American Rocket Co.
Aries Laboratories, Inc.
Armstrona Products Co.
\*AVCO MFG. CORP., CROSLEY DIV.
Avondale Co., The
Bacon Industries, Inc.
Carl Biggs Co.
Bloomingdale Rubber Co.
Corning Glass Works
Cox & Co., Inc.
Delta Chemical Works, Inc.
Dennis Chemical Co.
Emerson & Curning, Inc.
Fenwal Inc.
Fenwal Inc.
Fenwal Inc.
Fenwal Inc.
Fenwal Inc.
Hurane Plastics, Inc.
General Cement Mfg. Co., Div.-Textron Inc.
B. F. Goodrich Industrial Products
B. F. Goodrich Industrial Products
Co.
Hastings Plastics Inc.
Lebec Chemical Corp.
Marblette Corp., The
Narmco Resins & Coatings Co.
New England Tape Co. Inc.
Olin Mathleson Chemical Corp., High Energy
Fuels Div.
Raybestos-Manhattan, Inc.
Republic Aviation Corp., Guided Missiles Div.
Rubber & Asbestos Corp.
Sauereisen Cements Co.
Shell Chemical Corp.
Suedow Plastics Co.
Lopper Mfg. Co., Inc.
United Shoe Machinery
Verance Corp.
Vorac Co., The
Wye Industries
X-Pando Corp.

#### AIR CONDITIONING EQUIPMENT

AIR CONDITIONING EQUIPMENT

Accessory Confrols & Equipment Corp.
Aero-Test Equipment Co., Inc.
Airedo, Inc.
Airedo, Inc.
Airedo, Inc.
Airedo, Inc.
Airedo, Inc.
American Air Filter Co., Defense Products Div.
American Air Filter Co., Defense Products Div.
American Electronics, Inc.
Barium & Chemicals, Inc.
Carrier Corp.
Joe Davidson & Associates
Dunham-Bush Inc.
Eaton Mfg. Co., Inc., Frederic Flader Div.,
Electronics Dept., Hamilton Standard Div.,
United Aircraft Corp.
Ellis & Watts Products, Inc.
\*\*GARRETT CORP. THE, AIRESEARCH MFG. DIVS.
Hammett Electric Co.
C. G. Hokanson Co., Inc.
Pioneer-Central Div., Bendix Aviation Corp.
Pyle-National Co., The

Ready Power Co., The Science House, Inc.
South Wind Div., Stewart Warner Corp.
Stainless Steel Products, Inc.
Stewart-Warner Corp.
Talley Corp., The
Thompson Products, Inc.
Trane Co., The
Typhoon Air Conditioning Co., Div.-Hupp Corp.
\*\*UNITED AIRCRAFT PRODUCTS, INC.
United Control Corp.
Universal Dynamics Corp.
Victor Electric Wire & Cable Corp.
Wickfield, Inc.

#### AIRBORNE LANDING SYSTEMS

Aerotec Corp., The Analogue Controls, Inc. Autonetics, Div.North American Aviation, Inc. Bendix Products Div., Bendix Aviation Corp. Cleveland Pneumatic Tool Co., The, Div.-Cleveland Pneumatic Industries, Inc. Cleveland Pneumatic Industries, Geisler Labs, General Railway Signal Co. Hammeth Electric Co. Hammeth Electric Co. Military Marketing Div. Royal Industries, Inc. Skiatron Electronics & Television Corp. Skiatron Electronics & Television Corp. Thieblot Aviation Co., Div. Vitro Corp. of America

#### AIR INLET SCREEN SUPPORTS

Kelsey-Hayes Co. Magnetic Shield Div.-Perfection Mica Co. Republic Aviation Corp., Guided Missiles Div. Thieblot Aviation Co., Div.-Vitro Corp. of America

#### ALLOYS, HIGH PERMEABILITY

All Boro Metal Products Co., Inc.
American Silver Co.
Belmont Smelting & Refining Works, Inc.
Bram Metallurgical & Chemical Co.
Carpenter Steel Co., The
Crucible Steel Co. of America
Delta Chemical Works, Inc.
Handy & Harman
Thompson Products, Inc.
Vacuum Metals Corp., Div.-Crucible Steel Co.
of America
Wright Aeronautical Div., Curtiss-Wright Corp.

#### **ALUMINUM**

Accurate Specialties Co. Inc.
Adam Metal Supply Inc.
All Boro Metal Products Co., Inc.
All Boro Metal Products Co., Inc.
All Moro Metal Products Co., Inc.
Aluminum Co. of America
American Silver Co.
Anchor Metal Co. Inc.
Bridgeport Brass Co.
Delta Chemical Works, Inc.
G. M. Dykes Iron Works, Inc.
Eagle-Picher Co., The
Empire State Aluminum Corp.
Fromson Orban Co., Inc.
Hart Metal Products Corp.
Harvey Aluminum
Hexcel Products Inc.
Kaiser Aluminum & Chemical Sales, Inc.
La Pointe Industries Inc.
Light Metals, Inc.
Olin Mathieson Chemical Corp., High Energy
Fuels Div.
Pioneer Aluminum Inc.
Red Seal Metals Co.
Revere Copper & Brass Inc.
Rodney Metals Inc.
Solar Aircraft Co.
South River Metal Products Co., Inc.
Springfield Brass Co.
C. W. TONNGREN CO., INC.
Washington Aluminum Co., Inc.
\*R. D. WERNER CO. INC.
Wisconsin Aluminum Foundry Co., Inc.

## ANALYZERS, FLIGHT

Bendix Products Div., Bendix Aviation Corp. Consolidated Electrodynamics Corp. Hallamore Electronics Co. Harmett Electric Co. Kaiser Aircraft & Electronics Div.-Kaiser Industries Corp.

Republic Aviation Corp., Guided Missiles Div. Telectro Industries Corp. Wickfield, Inc.

#### ANALYZERS, STRESS

Brush Products Div., Bendix Aviation Corp.
Brush Instruments, Div.-Clevite Corp.
CDC Control Services, Inc.
Columbia Research Labs.
Consolidated Electrodynamics Corp.
Hallamore Electronics Co.
Republic Aviation Corp., Guided Missiles Div.
Telectro Industries Corp.
Wickfield, Inc.

#### ANALYZERS, SURFACE

Brush Instruments, Div.-Clevite Corp.
Cleveland Instrument Co.
Hallamore Electronics Co.
Hammett Electric Co.
Menlo Research Lab.
Republic Aviation Corp., Guided Missiles Div.
Telectro Industries Corp.
Wickfield, Inc.

#### ANALYZERS, VIBRATION \*AMERICAN MACHINE & FOUNDRY CO.

\*\*AMERICAN MACHINE & FOUNDRY CO. Benson-Lehner Corp. Brush Instruments, Div.-Clevite Corp. CDC Control Services, Inc. Columbia Research Labs. Consolidated Avionics Corp. Consolidated Avionics Corp. Consolidated Electrodynamics Corp. Edin Co., Inc. Electronics Det., Hamilton Standard Div., United Aircraft Corp. Endevco Corp. Endevco Corp. Edectronics Co., Apparatus Sales Div. Hallamore Electric Co., Apparatus Sales Div. Hallamore Electronics Co. Hoover Electronics Co. Hoover Electronics Co. Hoover Electric Co. Magnasync Mfg. Co., Ltd. Minneapolis-Honeywell Regulator Co., Indust. Div. Panoramic Radio Products, Inc. Republic Aviation Corp., Guided Missiles Div. Southwestern Industrial Electronics Co. Telectro Industries Corp. Tel-Instrument Electronics Corp. Western Electro-Acoustic Lab.

#### ANTIMONY

Accurate Specialties Co. Inc.
Anchor Metal Co. Inc.
Barium & Chemicals, Inc.
Barium & Smelting & Refining Works, Inc.
Bram Metallurgical & Chemical Co.
Delta Chemical Works, Inc.
Division Lead Co.
Harmon, Lichtenstein & Co.
Johnson Mfg. Co., Inc.

#### **ASBESTOS**

AJBESIUS
Auburn Mfg. Co., The
Chicago Gasket Co.
Continental Diamond Fibre Corp., Sub.-The
Budd Co.
C. R. Daniels, Inc.
Darcoid Co., Inc., The
Delta Chemical Works, Inc.
Duroyd Gasket Mfg. Co.
Green, Tweed & Co.
Raybestos-Manhattan, Inc.
Union Asbestos & Rubber Co.
Victor Mfg. & Gasket Co.

#### BARIUM

Barium & Chemicals, Inc. Belmont Smelting & Refining Works, Inc. Bram Metallurgical & Chemical Co. Delta Chemical Works, Inc.

#### BERYLLIUM

Belmont Smelting & Refining Works, Inc.
Beryllium Corp., The
Bram Metallurgical & Chemical Co.
Brush Beryllium Co., The
Delta Chemical Works, Inc.
\*\*PIVERSEY ENGRG. CO.
General Cement Mfg. Co., Div.-Textron Inc.
La Pointe Industries Inc.
P. R. Mallory & Co. Inc.
\*\*RESSEARCH & ADVANCED DEVELOPMENT DIV.,
AVCO MFG. CORP.

## . . . missile frame

## BINDERS, LIQUID

Delta Chemical Works, Inc. Dennis Chemical Co. National Casein Co. Topper Mfg. Co., Inc.

#### BLISTERS

Swedlow Plastics Co. Universal Unlimited, Inc.

#### BOLTS, LOCK

\*TOWNSEND CO., CHERRY RIVET DIV.

#### BOLTS, TOGGLE OR EXPANSION

Affiliated Screw Products Co.
Bland Burner Co., The
Briles Mig.
Chase Brass & Copper Co., Inc.
Collins Engrg. Corp.
Corbin Products Div. Corbin Products Div.
Dumont Aviation Associates
Federal Screw Products Inc.
Hammett Electric Co.
Hi-Shear Rivet Tool Co.
Holvb Industries, Inc.
Horst Engrg. & Mfg. Co.
Walter K. Jaros, Aircrafters
Kasar Mfg. & Distributing Co., Inc.
United Supply Co.
Voi-Shan Mfg. Co., Div.-Pheoll Mfg. Co.

### BONDING MATERIALS

Barium & Chemicals, Inc.
Bloomingdale Rubber Co.
Connecticut Hard Rubber Co., The
Dennis Chemical Co.
J. P. DeVine Mfg. Co. Dennis Chemica.

J. P. DeVine Mfg. Co.

J. P. DeVine Mfg. Co.

B. F. Goodrich Aviation Products

Handy & Harman

Horsey, Robson & Co., Inc.

Huber Industries, Inc.

Marblette Corp., The

Olin Mathieson Chemical Corp., High Energy

Fuels Div.

Republic Aviation Corp., Guided Missiles Div.

Silicones Div.-Union Carbide Corp.

L. Sonneborn & Sons, Inc., Building Products

Div.

Div. L. Sonneborn & Sons, Div. Topper Mfg. Co., Inc. X-Pando Corp.

## BRACKETS, MOUNTING

BRACKETS, MOUNTING

Abalon Precision Mfg, Corp.
Ainslie Corp.
Ainslie Corp.
Ametorn Electronic Hardware Co. Inc.

\*\*PAMERICAN MACHINE & FOUNDRY CO.\*\*
Belmont Smelting & Refining Works, Inc.
Bergen Carbide Co.
Champion Alrquipment Inc.
Continental Diamond Fibre Corp., Sub.-The
Budd Co.
Champion Alrquipment Inc.
Continental Diamond Fibre Corp., Sub.-The
Budd Co.
Elim Mfg, Co., Inc.
Elim Mfg, Co., Inc.
Elem Mfg, Co., Inc.
Heldor Mfg, Co., Inc.
Heldor Mfg, Co., Inc.
Heldor Mfg, Co., Inc.
Ludwig Honold Mfg, Co.
Joclin Mfg, Co.
Co.
Ketsyone Electronics Corp.
La Pointe Industries Inc.
Litton Industries, Components Div.

\*\*EYCOMING DIV., AVCO MFG. CORP.
J. A. Maurer, Inc.
Pacific Cut Washer Co.
Peerless Products Industries
Philco Corp., Government & Industrial Divs.
Republic Aviation Corp., Guided Missiles Div.
Roll Formed Products Co.
Shur-Lok Corp.
TA Mfg, Co.p.
Thieblof Aviation Corp., Guided Missiles Div.
Roll Formed Products Co.
Shur-Lok Corp.
TA Mfg, Co.p.
Thieblof Aviation Co., Div.-Vitro Corp. of
America
Thompson Products, Inc.
Twis Mfg, Co. Inc.
America
Thompson Products, Inc.
The Components Div.

\*\*CALCIUM\*\*

Anchor Metal Co.
Barium & Chem
Belmont Smelting
Bram Metallurgi
Delta Chemical

CAPS, TUBE

Alden Products
American Brass

Thieblor Aviation
America
Thompson Products, Inc.
Twix Mfg. Co., Inc.
United Mfg. Co., The
Waveguide, Inc.
Winder Aircraft Corp. of Fla.

#### BRASS

American Brake Shoe Co.
American Brass Co., The
American Silver Co.
Anchor Metal Co. Inc.
Belmont Smelting & Refining Works, Inc.
Bram Metallurgical & Chemical Co.
Bridgeport Brass Co.
Chase Brass & Copper Co., Inc.

Delta Chemical Works, Inc.
G. M. Dykes Iron Works, Inc.
La Pointe Industries Inc.
A. Y. McDonald Mfg. Co.
National Copper & Smelting Co.
Olin Mathieson Chemical Corp., High Energy
Fuels Div.
Revere Copper & Brass Inc.
Springfield Brass Co.
Titan Metal Mfg. Co.
Wisconsin Aluminum Foundry Co., Inc.
Beingris Metal Anchor Metal
Anchor Metal
Anchor Metal
Beimpant Smelt

#### BRAZING ALLOYS

\*STAINLESS PROCESSING DIV., WALL COLMO-NOY CORP.

#### BRONZE

American Brake Shoe Co.
American Brake Shoe Co.
American Brass Co., The
Anchor Metal Co. Inc.
Bearium Metals Corp.
Belmont Smelting & Refining Works, Inc.
Bram Metallurgical & Chemical Co.
Bridgeport Brass Co.
Chase Brass & Copper Co., Inc.
Delta Chemical Works, Inc.
G. M. Dykes Iron Works, Inc.
G. M. Dykes Iron Works, Inc.
General Cement Mfg. Co., Div. Textron Inc.
La Pointe Industries Inc.
A. Y. McDonald Mfg. Co.
Olin Mathieson Chemical Corp., High Energy
Fuels Div
True Alloys Inc.
Revere Copper & Brass Inc.
Springfield Brass Co.
Titan Metal Mfg. Co.
Wisconsin Aluminum Foundry Co., Inc.

### CABLE CLAMPS & CLIPS

Abalon Precision Mfg. Corp.,
Accurate Electronics Corp., Dept D
Aerolite Electronics Corp.,
Amatom Electronic Hardware Co. Inc.,
Avica Corp.,
Birnbach Radio Co., Inc.,
Blaco Mfg. Co.
Continental Diamond Fibre Corp., Sub.-The Budd
Co.,
Datota Factor, Inc. Continental Diamond Fibre Corp., Sub.-the Co.
Dayton Mfg. Co., Inc.
Electric Auto-Lite Co., The
Elm Mfg. Co. Inc.
Hallett Mfg. Co.
Hammett Electric Co.
Hammett Electric Co.
Holub Industries, Inc.
Walter J. Hyatt Co., The
Walter J. Hyatt Co., The
Walter J. Go.
Kulka Electric Corp.
Reliable Spring & Wire Forms Co., The
Rodney Metals Inc.
Skytronics
TA Mfg. Corp.
Twix Mfg. Co., Inc.
United Supply Co.
Vemaline Products Co.
Western International Co.
Winder Aircraft Corp. of Fla.
Zippertubing Co., The

American Silver Co.
Anachrome Corp.
Anchor Metal Co. Inc.
Belmont Smelting & Retining Works, Inc.
Beram Metallurgical & Chemical Co.
Delta Chemical Works, Inc.
Division Lead Co.
Eagle-Picher Co., The
Harmon, Lichtenstein & Co.
Johnson Mfg. Co., Inc.

Anchor Metal Co. Inc.
Barium & Chemicals, Inc.
Belmont Smelting & Refining Works, Inc.
Bram Metallurgical & Chemical Co.
Delta Chemical Works, Inc.

Alden Products Co.
American Brass Co., The
Clover Industries, Inc.
Electron Products Inc.
General R-F Fittings, Inc.
Hobson Brothers, Inc.
Walter K. Jaros, Aircrafters
R. I. Metpro, Inc.
Pure Carbon Co. Inc.
Ray A. Scharer & Co.
Spincraft, Inc.

#### CARBON

Carbone Corp., The Delta Chemical Works, Inc. Erio Resistor Corp.

Morganite, Inc. Ohio Carbon Co., The St. Marys Carbon Co. Superior Carbon Prdoucts, Inc.

Alloy, Precision Castings Co.
Allominum Alloys Corp.
Ampco Metal, Inc.,
Anchor Metal Co., Inc.,
Belmont Smelting & Refining Works, Inc.,
Clark Equipment Co.,
Dale Products, Inc.,
Dow Chemical Co., The
Dwyer Engrg. Co., Inc.,
Electric Auto-Lite Co., The
Haynes Stellite Co., Div.-Union Carbide Corp.
Hitchiner Mfg. Co., Inc.,
Lebanon Steel Foundry
Misco Precision Casting Co.,
New York Air Brake Co., The, Watertown Div.
True Alloys Inc.,
Thompson Products, Inc.,
Titan Metal Mfg. Co.,
Transue & Williams Steel Forging Corp.
Utica Drop Forge & Tool Div.-Kelsey Hayes Co.

## Centrifugal, Ferrous

American Brake Shoe Co.
Cooper Alloy Corp.
Cruc'ble Steel Co. of America
Dale Products, Inc.
Electric Steel Foundry Co.
Lebanon Steel Foundry Co.
Lebanon Steel Foundry Co.
Perfecto Cast
Ray A. Scharer & Co.
Shenango Furnace Co., The, Centrifugally Cast
Products Div.
Utica Drop Forge & Tool Div.-Kelsey Hayes Co.

#### Centrifugal, Non-Ferrous

Aluminum Co. of America
American Brake Shoe Co.
American Non Gran Bronze Co.
American Mon Gran Bronze Co.
Ampco Metal, Inc.
Anchor Metal Co. Inc.
Anchor Metal Co. Inc.
Dela Products, Inc.
Fischer & Porter Co.
New York Air Brake Co., The, Watertown Div.
Precision Castings, Inc.
True Alloys, Inc.
Ray A. Scharer & Co.
Shenango Furnace Co., The, Centrifugally Cast
Products Div.

#### Die, Ferrous

American Car & Foundry Div., ACF Industries, Inc.
Dale Products, Inc.
Hart Metal Products Corp.

#### Die, Non-Ferrous

Aluminum Co. of America
Anchor Metal Co. Inc.
Belmont Smelting & Refining Works, Inc.
Bemont Smelting & Refining Works, Inc.
Bendix Foundries, Bendix Aviation Corp.
Dale Products, Inc.
Dow Chemical Co., The
Hampden Brass & Aluminum Co,
Magline Inc.
P. R. Mallory & Co., Inc.
Sel-Rex Corp.
Titan Metal Mig. Co.
Utica Drop Forge & Tool Div.-Kelsey Hayes Co.
Vibra Seal Corp.

Precision, Ferrous Alloy Precision Castings Co. American Brake Shoe Co. American Brake Shoe Co., Engineered Casting Div. Div.
Anwood Precision Casting Corp.
Austenal Inc.
Champion Airquipment Inc.
Crucible Steel Co. of America
Dale Products, Inc.
Eaton Mfg. Co.
Haynes Stellite Co., Div.-Union Carbide Corp.
Hitchiner Mfg. Co., Inc.
Investment Casting Co.
Lebanon Steel Foundry
Mercast Mfg. Corp.
Misco Precision Casting Co.
New York Air Brake Co., The, Watertown Div.
Pacific Alloy Engra, Corp.
Perfecto Cast
Rodney Metals Inc.
Sel-Rex Corp.
Thompson Products, Inc.
United Shoe Machinery Corp.
Utica Drop Forge & Tool Div.-Kelsey Hayes Co.
Vibra Seal Corp.
Western Automatic Machine Screw Co., Div.Standard Screw Co.
\*WESTINGHOUSE ELECTRIC CORP. Arwood Precision Casting Corp.

#### Precision, Non-Ferrous

recision, Non-Ferrous
Airtron, Inc.
Alloy, Precision Castings Co.
Aluminum Alloys Corp.
Aluminum Co. of America
American Brake Shoe Co.
Arwood Precision Casting Corp.
Austenal Inc.
Morris Bean & Co.
Beridgeport Brass Co.
Bridgeport Brass Co.
Bale Products, Inc.
Haynes Stellite Co., Div.-Union Carbide Corp.
Intichiner Mig. Co., Inc.
Investment Casting Co.
Investment Casting Co.
Kemp Inc. Investment Casting Co.
Keeps Inc.
P.R. Mallory & Co., Inc.
P.R. Mallory & Co., Inc.
Mercast Mfg. Corp.
National Research Corp.
New York Air Brake Co., The, Watertown Div.
Ohio Precision Castings, Inc.
Precision Castings, Inc.
True Alloys Inc.
Solon Foundry, Inc.
Solon Foundry, Inc.
Springfield Brass Co.
Thompson Products, Inc.
United Shoe Machinery Corp.
Vibra Seal Corp.
WESTINGHOUSE ELECTRIC CORP.
Wright Aeronautical Div., Curtiss-Wright Corp.

#### Sand, Ferrous

Alloy Precision Castings Co.
American Brake Shoe Co.
American Brake Shoe Co., Engineered Casting Div.
American Car & Foundry Div., ACF Industries. American Car & Foundry Div., ACF Industries. Inc.
Challenge Machinery Co., The
Champion Airquipment Inc.
Clark Equipment Co.
Copper Alloy Corp.
Crompton & Knowles Corp.
Crucible Steel Co., of America
Dale Products, Inc.
Electric Auto-Lite Co., The
Electric Steel Foundry Co.
General Railway Signal Co.
Indiana Foundry
P. R. Mallory & Co., Inc.
New York Air Brake Co., The, Watertown Div.
Pacific Cast
Ray Scharer & Co.
United Shoe Machinery Corp.
Western Automatic Machine Screw Co., Div.Standard Screw Co.

#### Sand, Non-Ferrous

Acme Brass & Foundry Co. of San Antonio, Inc.
Akron Brass Mfg. Co., Inc.
Al-Fin Div. Fairchild Engine & Airplane Corp.
Aluminum Alloys Corp.
Aluminum Co. of America
American Brake Shoe Co.
American Brake Shoe Co.
American Non Gran Bronze Co.
American Non Gran Bronze Co.
American Non Gran Bronze Co.
Bearlum Metals Corp.
Berdix Foundries, Bendix Aviation Corp.
Bridgeport Brass Co.
Dayton Mig. Co., Inc.
Dow Chemical Co., The
Electric Auto-Lite Co., The
Electric Auto-Lite Co., The
General Railway Signal Co.
Hampdan Brass & Aluminum Co.
Hampdan Brass & Aluminum Co.
Hills-McCanna Co., Indiana Foundry
Light Metals, Inc.
Magline Inc.
P. R. Mallory & Co., Inc.
A. Y. McDonald Mfg. Co.
New York Air Brake Co., The, Watertown Div.
Pettibone Mulliken Corp.
Precision Castings, Inc.
True Alloys Inc.
Ray A. Scharer & Co.
Solon Foundry, Inc.
Springfield Brass Co.
United Shoe Machinery Corp.
Wayne Foundry & Stamping Co.
Wellman Bronze & Aluminum Co.
Wright Aeronautical Div., Curtiss-Wright Corp.

#### CEMENT

Anchor Packing Co., The
Connecticut Hard Rubber Co., The
Delta Chemical Works, Inc.
Emerson & Cuming, Inc.
Emerson & Cuming, Inc.
General Cement Mfg, Co., Div.-Textron Inc.
Saucreisen Cements Co.
Saucreisen Cements Co.
X-Pando Corp.

#### Asbestos

Anchor Packing Co., The Delta Chemical Works, Inc.

Eagle-Picher Co., The Sauereisen Cements Co. Union Asbestos & Rubber Co. United Shoe Machinery Corp.

#### Pipe-Joint

Anchor Packing Co., The Barium & Chemicals, Inc.
Samuel Cabot Inc.
Delta Chemical Works, Inc.
Eco Engrq. Co.
Flexnock Co.
Flexnock Co.
Furane Plastics, Inc.
Johns-Mansville Dutch Brand Div.
Parker-Hannifin Corp.
Rubber & Asbestos Corp.
Sauereisen Cements Co.
Smooth-On Mig. Co.
X-Pando Corp.

#### Plastic

Plastic

Arrowhead Products, Div.-Federal-Mogul-Bower Bearings, Inc.
Avondale Co., The Carl Biggs Co, Samuel Cabot, Inc.
Deta Chemical Works, Inc.
Dennis Chemical Works, Inc.
Dennis Chemical Co., Emerson & Cuming, Inc.
Flexrock Co,
General Cement Mfg. Co., Div.-Textron Inc.
B. F. Goodrich Industrial Products Co.
Hastings Plastics, Inc.
Lebec Chemical Corp.
Marblette Corp., The
Narmoc Resins & Coatings Co.
New England Tape Co, Inc.
Rubber & Asbastos Corp.
Sauereisen Cements Co.
Smooth-On Mfg. Co.
- Swedlow Plastics Co.
Topper Mfg. Co., Inc.
United Shoe Machinery Corp.

#### Rivet

Delta Chemical Works, Inc. Walter K. Jaros, Aircrafters Rubber & Asbestos Corp.

#### Rubber-To-Metal

Rubber-To-Metal

Ambroid Co., Inc.
Arrowhead Products, Div.-Federal-Mogul-Bower
Bearings, Inc.
Avondale Co., The
Bloomingdale Rubber Co.
Connecticut Hard Rubber Co., The
\*COOPER DEVELOPMENT CORP.
General Cement Mfg. Co., Div.-Textron Inc.
B. F. Goodrich Aviation Products
B. F. Goodrich Aviation Products
B. F. Goodrich Aviation Products
Co.
Hastings Plastics Inc.
Johns-Mansville Dutch Brand Div.
Lebec Chemical Corp.
Marbon Chemical Div.-Borg-Warner Corp.
Narmco Resins & Coatings Co.
Rubber & Asbestos Corp.
Rubbecraft Corp. of California
Sauereisen Cements Co.
United Shoe Machinery Corp.
X-Pando Corp.

#### CERAMIC PARTS

Auburn Spark Plug Co., Inc.

B G Corp., The
Barium & Chemicals, Inc.
Bendix Products Div., Bendix Aviation Corp.
Bergen Carbide Co.
California Aircraft Products
Corning Glass Works
Deta Chemical Works, Inc.
Du-Co Ceramics Co.,
Electric Auto-Lite Co., The
Electrical Refractories Co., The
Letter Resistor Corp.
Hammett Electric Co.
Hammett Electric Co., Inc.,
Walter J. Hvat Co., The
Joclin Mfg. Co., Inc.,
Walter J. Hvat Co., The
Joclin Mfg. Co.
Lapp Insulator Co., Inc., Radio Specialties Div.
Lithon Industries, Components Div.
Merquandt Aircraft Co.,
Meryland Lava Co.
Minneapolis-Honeywell Regulator Co., Aeronautical Div.
Minneapolis-Honeywell Regulator Co., Ordnance
Div.
Morganite, Inc.
Chester Morton Electronics Corp.
Mycalex Corp. of America
National Ceramic Co.,
Norton Co.
Norton Co.
Norton Co.
Norton Co.
Solar Aircraft Co.
D. M. Steward Mfg. Co.
Sylvania Electric Products Inc., Parts Div.

Thermo Materials, Inc. Topper Mfg. Co., Inc. Zirconium Corp. of America

#### **CERAMICS**

CERAMICS

Auburn Spark Plug Co., Inc.
B G Corp., The
Bendix Products Div., Bendix Aviation Corp.
Corning Glass Works
Delta Chemical Works, Inc.
Wilbur B. Driver Co.
Du-Co Ceramics Co.
Electric Auto-Lite Co., The
Electronic Mechanics, Inc.
Emerson & Cuming, Inc.
Erie Resistor Corp.
Firth Sterling, Inc.
General Ceramics Corp.
Hammett Electric Co.
Heldor Mfg. Co., Inc., Radio Specialties Div.
Maryland Lava Co.
Metallurgical Products Dept., General Electric
Co.
Minneapolis-Honeywell Regulator Co., Aeronautical Div.
Minneapolis-Honeywell Regulator Co., Ordnance
Div.
Morganite, Inc.
Chester Morton Electronics Corp.
Mycalex Corp. of America
National Ceramic Co.
Norton Co.
Olin Mathieson Chemical Corp., High Energy
Fuels Div.
Patterson Foundry & Machine Co., The
\*RESEARCH & ADVANCED DEVELOPMENT DIV.,
AVCO MFG. CORP.
Saxonburg Ceramics
Solar Aircraft Co.
D. M. Steward Mfg. Co.
Thermo Materials, Inc.
Topper Mfg. Co., Inc.
Western Gold & Platinum
Zirconium Corp. of America
CESIUM

#### CESIUM

Bram Metallurgical & Chemical Co. Delta Chemical Works, Inc. Opelika Welding, Machine & Supply Inc.

#### CHASSIS, METAL

CHASSIS, METAL

A&P Metal Products Mig. Corp.
Abalon Precision Mig. Corp.
Abalon Precision Mig. Corp.
Aerodex, Inc.
Aeronea Mig. Corp.
Alden Products Co.
American Car & Foundry Div., ACF Industries,
-Inc.
Associated Co., Inc.
Bergen Carbide Co.
Clark Equipment Co.
Clark Equipment Co.
Clark Equipment Co.
Clark Dykes Iron Works, Inc.
Eliay Corp.
Falstrom Co.
Heldor Mig. Co., Inc.
Ludwig Honold Mig. Co.
Kaiser Aircraft & Electronics Div.-Kaiser Industries Corp.
Kelsey-Hayes Co.
Longren Aircraft Co., Inc.
Lytie Engrg. & Mig. Co.
Machine Engrg. Co., Inc.
Lytie Engrg. & Mig. Co.
Machine Engrg. Co., Inc.
Lytie Engrg. & Mig. Co.
Machine Engrg. Co., Inc.
Philo Corp., Government & Industrial Divs.
Premier Metal Preducts Co.
Republic Aviation Corp., Guided Missiles Div.
Ryan Aeronautical Corp.
Stanley Aviation Corp.
Telectro Industries Corp.
Twix Mig. Co., Inc.
Vector Electronic Co.
\*WASHINGTON ALUMINUM Co., INC.
Warren Mig. Div., Warren Brothers Roads Co.
CHEMICALS, DEHUMIDIFYING

#### CHEMICALS, DEHUMIDIFYING

Barium & Chemicals, Inc.

J. Bishop & Co. Platinum Works
Delta Chemical Works, Inc.
Dow Chemical Works, Inc.
Dow Chemical Co., The
Driaire, Inc.
Merix Chemical Co.
John B. Moore Corp.
Olin Mathieson Chemical Corp., High Energy
Fuels Div.
Science House, Inc.
Universal Dynamics Corp.
Wells Industries Corp.

#### CHEMICALS, ELECTROPLATING

Anachrome Corp. Barium & Chemicals, Inc.

Bart Mfg. Corp.
Bergen Labs.
Legen Labs.
L \*WESTINGHOUSE ELECTRIC CO.

#### **CHROMIUM**

Arens Controls, Inc.
Barium & Chemicals, Inc.
Belmont Smelting & Refining Works, Inc.
Belmont Smelting & Chemical Co.
Delta Chemical Works, Inc.
Kerns Mfa. Corp.
Marman Div., Aeroquip Corp.

#### CLAMPS

Abalon Precision Mfg. Corp.
Aeroquip Corp.
American Brass Co., The
American Welding & Mfg. Co., The
Avica Corp.
Collins Engrg. Corp.
Continental Diamond Fibre Corp., Sub., The Budd
Co. Continental Diamond Fibre Corp., Sub., The Budd Co., Continental Cement Mfg. Co., Div., Textron Inc., Harmert Electric Co., Holub Industries, Inc., Walter J. Hyatt Co., The \*\*JANITROL AIRCRAFT DIV.-SURFACE COMBUSTION CORP.\*\* Walter J. Hyatt Co., The Joclin Mfg. Co., Kerns Mfg. Corp. Marco Industries Co., National Utilities Corp. Progressive Research & Development Co., Inc., Skytronics Specialty Products Corp. Tamber Corp. Tamber Corp. Tamber Corp. Tamber Corp. Tamber Corp. Tamber Corp. Tinnerman Products, Inc., Universal Metal Products, Inc., Winder Aircraft Corp. of Fla.

#### Conduit

Amatom Electronic Hardware Co., Inc.
Arens Controls, Inc.
Arens Controls, Inc.
Arrowhead Products, Div.-Federal-Mogul-Bower
Bearings, Inc.
Continental Diamond Fibre Corp., Sub.-The Budd
Co.
Dumont Aviation Associates
Hallett Mfg. Co.
Hammett Electric Co.,
Holub Industries, Inc.,
Walter J. Hyatt Co., The
Walter K. Jaros, Aircrafters
Joclin Mfg. Co.
Marco Industries Co.
Rattan Mfg. Co., The
Servicair Co.
Sittler Corp.
Skytronics
TA Mfg. Corp.
Tinnerman Products, Inc.
Tireflex, Inc.
Universal Metal Products, Inc.
Winder Aircraft Corp. of Fla.

#### Harness

Aerolite Electronics Corp.
Alden Products Co.
\*\*AMERICAN MACHINE & FOUNDRY CO.
Burndy Corp., Omaton Div.
Capewell Mfg. Co.
Dayton Aircraft Products, Inc.
Electric Auto-Lite Co., The
Hallett Mfg. Co.
Hammett Electric Co.
Holub Industries, Inc.
Walter J. Hyaft Co., The
International Electric Industries, Inc.
Walter J. Hyaft Co.
Marman Div., Aeroquip Corp.
Servicair Co.
Skytronics
TA Mfg. Corp.
Tensor Electric Development Co., Inc.
Tinnerman Products, Inc.
Titeflex, Inc.
United Supply Co.
United Aerolite Electronics Corp. Alden Products Co.

Aeroquip Corp.
Arrowhead Products, Div.-Federal-Mogul-Bower Bearings, Inc.
Avica Corp.
Burndy Corp., Omaton Div.
California Aircraft Products
Continental Rubber Works
Devilbiss Co., The
Dumont Aviation Associates
Eaton Mfg. Co.
General R.F Fittings, Inc.
Horst Engrg. & Mfg. Co.
Walter J. Hyatt Co., The
\*JANITROL AIRCRAFT DIV.-SURFACE COMBUSTION CORP.
Walter K. Jaros, Aircrafters
Joclin Mfg. Co., Rodney Metals, Inc.
Specialty Products Corp.
TA Mfg. Corp.
Tinnerman Products, Inc.
Titeflex, Inc.
United Supply Co.
Winder Aircraft Corp. of Fla.

#### Mechanical Cable

Mechanical Cable

Accurate Electronics Corp., Dept D

Arens Controls, Inc.
Birnbach Radio Co., Inc.
Birnbach Radio Co., Inc.
Burndy Corp., Omaton Div.
Electric Auto-Lite Co., The
Hammett Electric Co.
Holub Industries, Inc.
Joclin Mfg. Co.
Kulka Electric Corp.
Marman Div., Aeroguip Corp.
Pyle-National Co., The
Reid Metal Products, Inc.
TA Mfg. Corp.
Tinnerman Products, Inc.
Titeflex, Inc.
Universal Metal Products, Inc.
Winder Aircraft Corp. of Fla.

#### Special

Special
Abalon Precision Mfg. Corp.
Aeroguip Corp.
American Welding & Mfg. Co., The
D. S. D. Mfg. Co., The
G. M. Dykes Iron Works, Inc.
Elm Mfg. Co., Inc.
Hammett Electric Co. The
Syanitrol AirCraft Div.-Surface CombusTion Corp.
Joclin Mfg. Co.
Kerns Mfg. Corp.
Marman Div., Aeroquip Corp.
Peerless Electronics, Inc.
Republic Aviation Corp., Guided Missiles Div.
Reyan Aeronautical Co.
Smith-Morris Corp.
Specialty Products Corp.
Ta Mfg. Corp.
Tinnerman Products, Inc.
United Mfg. Co., The
Universal Metal Products, Inc.
United Mfg. Co., The
Universal Metal Products, Inc.
Utica Drop Forge & Tool Div.-Kelsey Hayes Co.
Western Arc Welding, Inc.
Winder Aircraft Corp. of Fla.
Wollam Aircraft & Marine Products Co.

#### Tube

Aeroquip Corp.
American Welding & Mfg. Co., The
Augat Brothers, Inc.
Avica Corp.
Birnbach Radio Co., Inc.
Corbin Products Div.
D. S. D. Mfg. Co., The
Dumont Aviation Associates
Horst Engrq. & Mfg. Co.,
Walter J. Hydat Co., The Horst Engrg. & Mfg. Co.
Walter J. Hyatt Co., The
\*JANITROL AIRCRAFT DIV.-SURFACE COMBUSTION CORP.
Joclin Mfg. Cor.
Kerns Mfg. Corp.
Peerless Electronics, Inc.
TA Mfg. Corp.
Tensor Electric Development Co., Inc.
Tinnerman Products, Inc.
Tittefley Inc. Titeflex, Inc.
Universal Metal Products, Inc.
Western Arc Welding, Inc.
Winder Aircraft Corp. of Fla.

#### CLIPS, CONDUIT

American Brass Co., The
Carroll Pressed Metal, Inc.
Continental Diamond Fibre Corp., Sub. The Budd
Co.
Dumont Aviation Associates
Hallett Mfg. Co.
Hammett Electric Co.
Walter J. Hyatt Co., The
International Electric Industries, Inc.
\*LAMINATED SHIM CO.
Walter K. Jaros, Aircrafters
Servicair Co.

Skytronics TA Mfg. Corp. Tensor Electric Development Co., Inc. Titeflex, Inc.
Universal Metal Products, Inc.

#### CLIPS, SPECIAL

CLIPS, SPECIAL

Accurate Electronics Corp., Dept D
American Brass Co., The
Atlas E.E. Corp., Inc.
Atlas E.E. Corp., Inc.
Braun Tool & Instrument Co., Inc.
Carroll Pressed Metal., Inc.
Dakota Engrg., Inc.
Dumont Aviation Associates
G. M. Dykes Iron Works, Inc.
Garde Mig. Co.,
Heldor Mig. Co., Inc.
Hunter Spring Co.
Walter J. Hyatt Co., The
International Electric Industries, Inc.
Walter K. Jaros, Aircrafters
Keystone Electronics Corp.
\*LAMINATED SHIM CO.
Pacific Cut Washer Co.
Rodney Metals, Inc.
Ryan Aeronautical
Co.
Skytronics
TA Mig. Corp.
Tensor Electric Development Co., Inc.
Tinnerman Products, Inc.
United-Carr Fastener Corp.
Universal Metal Products, Inc.

#### CLIPS, SPRING

American Brass Co., The
Arens Controls, Inc.
Atlas E-E Corp.
Augat Brothers, Inc.
H. Braun Tool & Instrument Co., Inc.
Garde Mfg. Co.
Gasket, Packing & Specialty Co., Inc.
General Cement Mfg. Co., Div.-Textron Inc.
Hunter Spring Co.
Walter K. Jaros, Aircrafters
\*\*LAMINATED SHIM CO.
Pacific Cut Washer Co.
Rodney Metals Inc.
Star Engraving Co., Ltd.
TA Mfg. Corp.
Tinnerman Products, Inc.
United.Carr Fastener Corp.
Universal Metal Products Inc.

#### CLIPS, TUBE

American Brass Co., The Atlas E.E Corp.
Augat Brothers, Inc.
Avica Corp.
Birnbach Radio Co., Inc.
H. Braun Tool & Instrument Co., Inc.
Corbin Products Div.
Dumont Aviation Associates
Hobson Brothers, Inc.
Walter J. Hyatt Co., The
Walter K. Jaros, Aircrafters
Kolton Electric Mig. Co.
Kulka Electric Corp.
\*\*LAMINATED SHIM CO.
\*\*Parker-Hannifin Corp.
Star Engraving Co., Ltd.
Tinnerman Products, Inc.
United-Carr Fastener Corp.
Universal Metal Products Inc.
Vemaline Products Co.

#### CLOTH, GLASS

Allied Plastics Supply Corp.
Arrowhead Products, Bearings, Inc.
Atlas Asbestos Co.
Bar-Ray Products, Inc.
C. R. Daniels, Inc.
Duracote Corp.
General Plastics Corp. of New Jersey
Hastings Plastics Inc.
Reeves Brothers Inc., Vulcan Rubber Products
Div. Reeves Brothers Inc., Vulcan Rul Div. William W. Stanley Co. Inc. Wagner Awning & Mfg. Co., The

#### CLOTH, PLASTIC

Allied Plastics Supply Corp.
Arrowhead Products, Div.-Federal-Mogul-Bower Bearings, Inc.
Cordo Molding Products, Inc.
C. R. Daniels, Inc.
Duracote Corp.
Furane Plastics, Inc.
General Cement Mig. Co., Div.-Textron Inc.
General Plastics Corp. of New Jersey
Horsey, Robson & Co., Inc.
Reeves Brothers Inc., Vulcan Rubber Products
Div.
M. L. Snyder & Son, Inc.
William W. Stanley Co. Inc.
Swedlow Plastics Co.
Zippertubing Co., The



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#### CLOTH, RUBBERIZED

Allied Plastics Supply Corp. Arrowhead Products, Div.-Federal-Mogul-Bower Allied Plastics Supply Corp.
Arrowhead Products, Div.Federal-Mogul-Bower Bearings, Inc.
Auburn Mfg. Co., The
J. Bishop & Co., Platinum Works
Connecticut Hard Rubber Co., The
Continental Diamond Fibre Corp.
Budd Co.
C. R. Daniels, Inc.
B. F. Goodrich Aviation Products
Reeves Brothers Inc., Vulcan Rubber Products
Div. Rubbercraft Corp. of California M. L. Snyder & Son, Inc.

#### CLOTHS, WOVEN WIRE

Blaco Mfg. Co.
Cambridge Wire Cloth Co., The
Chase Brass & Copper Co., Inc.
Flock Process Co. Inc.
General Cable Corp.
General Cement Mfg. Co., Div.-Textron Inc.
National-Standard Co.
Newark Wire Cloth Co.
Schlegel Mfg. Co.

Acheson Colloids Co., Div.-Acheson Industries,

#### COATINGS

Acheson Colloids Co., Div. Acheson Industries, Inc., American Agile Corp., American Cord & Webbing Co., Inc., Anadite Inc., Avondale Co., The Consolidated Electrodynamics Corp., Crown Industrial Products Co., Delta Chemical Works, Inc., Dennis Chemical Co., Duracote Corp., Fluorocarbon Co., Inc., The General Cement Mfg. Co., Div. Textron Inc., Fluorocarbon Co., Inc., The General Cement Mfg. Co., Div. Textron Inc., Industrial Metal Protectives, Inc., Kano Labs., Linde Co., Div. Union Carbide Marblette Corp., The Merix Chemical Co., Norton Co., Raybestos-Manhattan, Inc., Reeves Brothers Inc., Vulcan Rubber Products Div., Poly Research & Advanced Development Div.

\*RESEARCH & ADVANCED DEVELOPMENT DIV., AVCO MFG. CORP. Seal-Peel, Inc.
Stilicones Div.-Union Carbide Corp.
L. Sonneborn & Sons, Inc., Building Products L. Div. Div. Swedlow Plastics Co. Topper Mfg. Co., Inc. Tube Reducing Corp. Western Coating Co.

#### Finishing

American Agile Corp.
American Cord & Webbing Co., Inc.
Anachrome Corp.
Anachrome Corp.
Anadire Inc.
Avondale Co., The
Carl Biggs Co.
\*COOPER DEVELOPMENT CORP.
Delta Chemical Works, Inc.
Dennis Chemical Co.
Duracote Corp.
Fidelity Chemical Products Corp.
Fidelity Chemical Products Corp.
Filuorocarbon Co. Inc., The
Linde Co., Div.-Union Carbide
Marblette Corp. The
Merix Chemical Co.
Rodney Metals Inc.
L. Sonneborn & Sons, Inc., Building Products Div.
Vorac Co., The

#### High Temperature

Acheson Colloids Co., Div.-Acheson Industries. Inc. American Agile Corp. American Cord & Webbing Co., Inc. American Gord & Webbing Co., In Anadite Inc.
Avondale Co., The Bart Mig. Corp.
Carl Biggs Co.
Carl Biggs Co., The Consolidated Electrodynamics Corp.
Delta Chemical Works, Inc.
Drilube Co.
Drilube Co., The Electrofynamics
Electrofilm, Inc.
Emerson & Guming, Inc.
Fidelity Chemical Products Corp.
Firth Sterling Inc.

Fluorocarbon Co. Inc., The
Furane Plastics, Inc.
General Cement Mig. Co., Div.Textron Inc.
General Plastics Corp. of New Jersey
Gulton Industries, Inc.
\*\*IDEAL CHEMICAL PRODUCTS, INC.
Industrial Metal Protectives, Inc.
Joclin Mig. Co.
Lebec Chemical Corp.
Linde Co., Div.-Junion Carbide
London Chemical Co., Inc.
Marblette Corp., The
Narmco Resins & Coatings Co.
National Research Corp.
Norton Co.
Olin Mathieson Chemical Corp., High Energy
Fuels Div.
Silicones Div.-Junion Carbide Corp.
Solar Aircraft Co.
L. Sonneborn & Sons, Inc., Building Products Div.
Swedlow Plastics Co.
Arthur Tickle Engrg. Works,
Inc.
United Shoe Machinery Corp.
Vorac Co., The
Warren Wire Co.
Zirconium Corp. of America

#### Protective

American Corp.
American Agile Corp.
American Cord & Webbing Co., Inc.
American Solder & Flux Co.
Anachrome Corp.
Anachrome Lor. American Agile Corp.
American Solder & Flux Co.
American Solder & Flux Co.
Anachrome Corp.
Anadite Inc.
Arco Co., The
Avondale Co., The
Carl Biggs Co.
Connecticut Hard Rubber Co., The
Cordo Molding Products, Inc.
Crown Industrial Products, Inc.
Delta Chemical Works, Inc.
Dennis Chemical Co.
Drilube Co.
Dr Raybestos Manhattan, Inc.
Seal-Peel, Inc.
Seal-Peel, Inc.
Silicone Products Dept., General Electric Co.
Silicones Div.-Union Carbide Corp.
Solar Aircraft Co.
L. Sonneborn & Sons, Inc., Building Products Div.
Sparta Mfg. Co.
Topper Mfg. Co., Inc.
Turco Products, Inc.
Vorac Co., The
Waldom Electronics Inc.
Western Coating Co.
White & Bagley Co., The
X-Pando Corp.

#### SALT SPRAY RESISTANCE

Aerodex, Inc.
American Agile Corp.
Anadite Inc.
Auto-Control Labs., Inc.
Avondale Co., The
Carl Biggs Co.
Crown Industrial Products Co.
Dennis Chemical Co.
Electrofilm, Inc.
General Plastics Corp. of New Jersey
B. F. Goodrich Industrial Products Co.
Industrial Metal Protectives, Inc.
Kelsey-Hayes Co.
London Chemical Co., Inc.
Marblette Corp., The
Olin Mathieson Chemical Corp., High Energy
Fuels Div.
Silicones Div.-Union Carbide Corp.
Solar Aircraft Co.
Telectro Industries Corp.
Tube Reducing Corp.
Turco Products, Inc.
Vorac Co., The
Westline Products Div., Western Lithograph Co. Aerodex, Inc.

#### COBALT

Belmont Smelting & Refining Works, Inc. Bram Metallurgical & Chemical Co.

#### COLUMBIUM METALS

American Silver Co. Bram Metallurgical & Chemical Co. Delta Chemical Works, Inc. Fansteel Metallurgical Corp. Kennametal Inc. National Research Corp. Wallingford Steel Co.

#### COMBUSTION CHAMBER COVERS

COMBUSTION CHAMBER COVERS

Bridgwater Machine Co.
Continental Diamond Fibre Corp., Sub., The Budd
Co.
Eaton Mfg. Co., Inc., Fredric Flader Div.
Hicks Corp., The
Hupp Aviation Co.
Kelsey-Hayes Co.
\*LAYELLE AIRCRAFT CORP.
\*LYCOMING DIV., AVCO MFG. CORP.
Misco Precision Casting Co.
Oerlikon Tool & Arms Corp. of America
Parish Pressed Steel, Div., Dana Corp.
Penn-Michigan Mfg. Corp.
Portland Copper & Tank Works Inc.
Ryan Aeronautical Co.
Solar Aircraft Co.
Stainless Steel Products, Inc.
Thompson Products, Inc.
Thompson Products, Inc.
Twix Mfg. Co., Inc.
United Mfg. Co., The
Universal Machine Co., Inc.
Warren Mfg. Div., Warren Brothers Roads Co.
\*WASHINGTON ALUMINUM CO., INC.
Wright Aeronautical Div., Curtiss-Wright Corp.

COMBUSTION CHAMBER LINERS Bridgwater Machine Co. Continental Diamond Fibre Corp., Sub.-The Budd Bridgwater Machine Co.
Continental Diamond Fibre Corp., Sub.-The Budd
Co.
\*COOPER DEVELOPMENT CORP.
\*DIVERSEY ENGRG. CO.
Eaton Mfg. Co., Inc., Frederic Flader Div.
Hicks Corp., The
Hupp Aviation Co.
\*IDEAL CHEMICAL PRODUCTS, INC.
\*JANITROL AIRCRAFT DIV.-SURFACE COMBUSTION CORP.
Kelsey-Hayes Co.
\*LAYELLE AIRCRAFT CORP.
\*LYCOMING DIV., AYCO MFG. CORP.
Marquardt Aircraft Co.
Norton Co.
Oerlikon Tool & Arms Corp. of America
Penn-Michigan Mfg. Corp., Oerlikon Tool & Arms Corp. of America
Penn-Michigan Mfg. Corp.
\*NHEEM MFG. CO., AIRCRAFT DIV.
Solar Aircraft Co.
Stainless Steel Products, Inc.
Thompson Products, Inc.
Universal Machine Co., Inc.
\*WASHINGTON ALUMINUM CO., INC.
\*WASHINGTON ALUMINUM CO., INC.
\*WESTINGHOUSE ELECTRIC CORP.
Wright Aeronautical Div., Curtiss-Wright Corp.

#### COMPOUNDS

Acheson Colloids Co., Div.-Acheson Industries, Acheson Collolus Co., Inc.
Anchor Metal Co. Inc.
Avondale Co., The
Belmont Smelting & Refining Works, Inc.
Bios Labs., Inc.
Duracote Corp.
Electrofilm, Inc.
Enoxy Products, Inc., Div.-Joseph Waldm Electrofilm, Inc., Epoxy Products, Inc., Div.-Joseph Waldman & Sons B. F. Goodrich Industrial Products Co., Merix Chemical Co., National Engrg. Products, Inc., Sauereisen Cements Co., Silicones Div.-Union Carbide Corp., L. Sonneborn & Sons, Inc., Building Products Div., Topper Mfg., Co., Inc., Wye Industries X-Pando Corp.

#### Calking and Sealing

Anchor Metal Co. Inc. Arco Co., The Avondale Co., The Barium & Chemicals, Inc. Belmont Smelting & Refining Works, Inc. Carl Biogs Co. Belmont Smelting & Refining Works, Inc.
Carl Biggs Co.
Bios Labs., Inc.
Eleck Process Co. Inc.
B. F. Goodrich Aviation Products
B. F. Goodrich Industrial Products Co.
Hastings Plastics Inc.
Marblette Corp., The National Engra, Products, Inc.
Parker-Hannlin Corp.
Sauereisen Cements Co.
Silicone Biv.-Union Carbide Corp.
Silicones Div.-Union Carbide Corp. Smooth-On Mfg. Co. L. Sonneborn & Sons, Inc., Building Products Div. Topper Mfg. Co., Inc. United Shoe Machinery Corp. X-Pando Corp.

#### Electrical Insulating and Sealing

Electrical Insulating and Sealing
Allied Plastics Supply Corp.
Aries Laboratories, Inc.
Avondale Co., The
Carl Biggs Co.
Bios Labs., Inc.
Biwax Corp.
Duracote Corp.
Emerson & Cuming, Inc.
Hastings Plastics Inc.
\*\*IDEAL CHEMICAL PRODUCTS, INC.
Joclin Mfg. Co.
Lehigh Chemical Co.
Marblette Corp., The
National Engra, Products, Inc.
New England Tape Co. Inc.
Norton Co.
Olin Mathieson Chemical Corp., High Energy
Fuels Div.
Sauereisen Cements Co.
Silicone Products Dept., General Electric Co.
Silicone Products Dept., General Electric Co.
Silicone Div.-Union Carbide Corp.
Smooth-On Mfg. Co.
Topper Mfg. Co., Inc.
United Shoe Machinery Corp.

#### Encapsulation

Airs Laboratories Co.
Aaries Laboratories, Inc.
Bacon Industries, Inc.
Carl Biggs Co.
Bios Labs., Inc.
Biwax Corp.
Emerson & Cuming, Inc.
Epoxy Products, Inc., Div.-Joseph Waldman & Sons Epoxy Products, Inc., Div.-Joseph Waldman is Sons
Sons
Hastings Plastics Inc.
\*\*IDEAL CHEMICAL PRODUCTS, INC.\*\*
Marblette Corp., The
New England Tape Co. Inc.
Nopco Chemical Co.
Reichhold Chemicals, Inc.
Ryan Aeronautical Co.
Sauereisen Cements Co.
Shell Chemical Corp.
Silicone Products Dept., General Electric Co.
Silicones Div.-Union Carbide Corp.
Smooth-On Mfg. Co.
Star Engraving Co., Ltd.
Telectro Industries Corp.
Tensor Electric Development Co., Inc.
Topper Mfg. Co., Inc.

Impregnating Acheson Colloids Co., Div.-Acheson Industries, Acheson Colloids Co., Div.-Acheson Industries Inc.
Aries Laboratories, Inc.
Avondale Co., The
Bacon Industries, Inc.
Carl Biggs Co.
Biss Labs., Inc.
Biwax Corp.
Cordo Molding Products, Inc.
Duracote Corp.
Emerson & Cuming, Inc.
B. F. Goodrich Industrial Products Co.
Graflex, Inc.
Hastings Plastics Inc.
Lebec Chemical Corp.
Magnetic Shield Div.-Perfection Mica Co.
Marblette Corp., The
Narmco Resins & Coatings Co.
New England Tape Co. Inc.
Reichhold Chemicals, Inc.
Reyon Aeronautical Co.
Sauereisen Cements Co.
Silicones Div.-Union Carbide Corp.
Topper Mfg. Co., Inc.

Acheson Colloids Co., Div.-Acheson Industries, Acheson Colloids Co., Div.-Acheson Industries, Inc.
Bios Labs., Inc.,
Bios Labs., Inc.,
Bios Labs., Inc.,
Brush Beryllium Co., The
Continental Diamond Fibre Corp., Sub.-The Budd
Co.
Electronic Mechanics, Inc.,
Marblette Corp., The
Mica Fabricating Co.
Mycalex Corp. of America
Silicones Div.-Union Carbide Corp.

#### PHENOLIC MOLDING

Acheson Colloids Co., Div.-Acheson Industries, Inc. Bios Labs., Inc. Biwax Corp.
Coast Mfg. & Supply Co.
Dayton Aircraft Products, Inc.
Hastings Plastics Inc.
Joclin Mfg. Co.

Marblette Corp., The
Mica Fabricating Co.
Pacific Moulded Products Co.
Reichhold Chemicals, Inc.
Rogers Corp.
Sauereisen Cements Co.
Science House, Inc.
Silicones Div.-Union Carbide Corp.

#### POTTING

Aries Laboratories, Inc.
Avondale Co., The
Bacon Industries, Inc.
Barium & Chemicals, Inc.
Carl Biggs Co.
Bios Labs., Inc.
Biwax Corp.
Dennis Chemical Co.
Epoxy Products, Inc., Div.-Joseph Waldman & Sons
B. F. Goodrich Aviation Products
Hastings Plastics Inc.
Lebec Chemical Corp.
Lehigh Chemical Corp.
Nagnetic Shield Div.-Perfection Mica Co.
Marblette Corp., The
Narmcor Resins & Coatings Co.
New England Tape Co. Inc.
Nopco Chemical Co.
Ryan Aeronautical Co.
Syan Aeronautical Corp.
Silicone Products Dept., General Electric Co.
Silicone Div.-Union Carbide Corp.
Smooth-On Mfg. Co.
Topper Mfg. Co., Inc.

#### WATERPROOFING

ATERPROOFING

Arco Co., The
Carl Biggs Co.
Bios Lebs., Inc.
Biwax Corp.
Dennis Chemical Co.
Duracote Corp.
Farnsworth Electronics Co., Div.-Int'l Telephone
& Telegraph Corp.
B. F. Goodrich Industrial Products Co.
Hastings Plastics Inc.
Horsey, Robson & Co., Inc.
Lebec Chemical Corp.
London Chemical Co., Inc.
Marblette Corp., The
Silicone Products Dept., General Electric Co.
Silicones Div.-Union Carbide Corp.
Smooth-On Mfg. Co.
L. Sonneborn & Sons, Inc., Building Products Div.
Topper Mfg. Co., Inc.
Trio Chemical Works, Inc.
United Shoe Machinery Corp.
X-Pando Corp.

#### COMPUTERS, AIR DATA

COMPUTERS, AIR DATA

Alwac Corp.
American Electronics, Inc., Data-Tronics Div.
\*\*AMERICAN MACHINE & FOUNDRY CO.
Analogue Controls, Inc.
Autonetics, Div.-North American Aviation, Inc.
Bendix Products Div., Bendix Aviation Corp.
Briggs Associates, Inc.
CDC Control Services, Inc.
CDC Control Services, Inc.
Consolidated Avionics Corp.
Consolidated Avionics Corp.
Consolidated Avionics Corp.
Electronics Corp. of America
Electronics Corp. of America
Electronics Dept., Hemilton Standard Div.,
United Aircraft Corp.
Emerson Electric Mfg. Co., The, Electronics &
Avianics Div.
\*\*GARRETT CORP. THE, AIRESEARCH MFG. DIVS.
General Controls Co.
Hallem Raymond & Brown Inc.
Kearfort Co., Inc.
Lyrie Engrg. & Mfg. Co.
J. A. Maurer, Inc.
W. L. Maxson Corp., The
Machanical Div.-General Mills, Inc.
Reflectone Corp., The
Republic Aviation Corp., Guided Missiles Div.
\*\*RESEARCH & ADWANCED DEVELOPMENT DIV.,
AVCO MFG. CORP.
Servomechanisms, Inc.
Skiatron Electronics & Television Corp.
Stanley Aviation Corp.
Sylvania Electronic Systems, Div.-Sylvania Electronic Systems,
Div.-Sylvania Electronic Corp.
\*\*WESTINGHOUSE ELECTRIC CORP., AIR ARM
DIV.

CONDILITS IGNITION WIRE

#### CONDUITS, IGNITION WIRE

American Brass Co., American Metal Hose Div. Co-Operative Industries, Inc. Flexible Metal Hose Mfg. Co. Flexonics Corp. Hallett Mfg. Co. Hammett Electric Co. Johnson Metal Hose, Inc. Marco Industries Co. J. E. Menaugh Co. Servicair Co.

Skytronics Titeflex, Inc. Zippertubing Co., The

#### CONDUITS, METAL

Aluminum Co. of America
American Brass Co., The
American Brass Co., American Mata! Hose Div.
\*\*AMERICAN TUBE BENDING CO., INC.
Arrowhead Products, Div.-Federal-Mogul-Bower
Bearings, Inc.
Blaco Mig. Co.
Co-Operative Industries, Inc.
D K Mig. Co.
Electric Auto-Lite Co., The
Federal Metal Hose Gorp.
Flexible Metal Hose Mig. Co.
General Cable Corp.
Hallett Mig. Co.
Johnson Metal Hose, Inc.
Scintilla Div., Bendix Aviation Corp.
Servicair Co.
Standard Metals Corp.
Thieblot Aviation Co., Div.-Vitro Corp. or
Amreica
Zippertubing Co., The

#### CONES, METAL

American Brass Co., The American Car & Foundry Div., ACF Industries, Inc., American Welding & Mfg. Co., The Associated Co., Inc., California Aircraft Products

\*\*COOPER DEYELOPMENT CORP.\*

Cuno Engrg. Corp., The Eaton Mfg. Co., Inc., Fredric Flader Div. Finn Aeronautical Div., T. R. Finn & Co., Inc. General Electric Co., Missile & Ordnance Systems Dept. (Yt.)

Hammert Electric Co., A. F. Holden Co., The Ludwig Honold Mfg. Co.

Walter K. Jaros, Aircrafters

Kaiser Aircraft & Electronics Div.-Kaiser Industries Corp.

Kalser Aircraft & Electronics Div.-Kaiser Industries Corp.

Kelsey-Hayes Co.

Ladish Co.

La Pointe Industries Inc.

\*LAYELE AIRCRAFT CORP.

Longren Aircraft Co., Inc.

\*LYCOMING DIV., AYCO MFG. CORP.

Magnetic Shield Div.-Perfection Mica Co.

Henry & Miller Industries, Inc.

\*PHOENIX PRODUCTS CO.

Pressed Steel Tank Co.,

Republic Aviation Corp., Guided Missiles Div.
\*RESEARCH & ADVANCED DEVELOPMENT DIV.,

\*RESEARCH & ADVANCED DEVELOPMENT DIV.,

\*RESEARCH & ADVANCED Corp.

Size Control Co.

Solar Aircraft Co.,

Shaw Metal Products Corp.

Size Control Co.

Solar Aircraft Co.,

Solar Aircraft Co.,

Lonitroaft Co.,

Solar Aircraft Co., American Brass Co., The American Car & Foundry Div., ACF Industries,

#### CONNECTORS

(Hermetic, multi-pin, umbilical)
\*ANTON ELECTRONIC LABS., INC.

#### CONTROLS, HEAT TREATING

CDC Control Services, Inc.
Devco Engrg, Inc.
Lettric Auto-Lite Co., The
Electricnic Control Corp.
Electronics Corp. of America
Fenwal Inc.
Hagan Chemicals & Controls, Inc.
E. Vemon Hill & Co.
Illinois Testing Laboratories, Inc.
Rodney Metals Inc.

#### CONTROLS, MATERIAL **THICKNESS**

CDC Control Services, Inc. Electronic Control Corp. Nuclear Corp. of America, Inc. Photobell Co., Inc. Sheffield Corp., The, Sub.-Bendix Aviation Corp. Size Control Co.

#### CONTROLS, STRAIN

CDC Control Services, Inc. Cal-Ohm Labs., Inc. Columbia Research Labs. Consolidated Avionics Corp. Electronics Corp. of America Hallamore Electronics Co.

#### CONTROLS, SURFACE FINISH

Brush Instruments, Div.-Clevite Corp.
Chester Cable Corp.
Cleveland Instrument Co.
General Electric Co., Apparatus Sales Div.
Size Control Co.

#### COPPER

American Brake Shoe Co.
American Brass Co., The
American Silver Co.
Anchor Metal Co. Inc.
Bram Metallurgical & Chemical Co.
Bram Metallurgical & Chemical Co.
Bram Metallurgical & Chemical Co.
Bridgeport Brass Co.
Co. Chase Brass & Copper Co., Inc.
Consolidated Wire & Associated Companies
Delta Chemical Works, Inc.
G. M. Dykes Iron Works, Inc.
Fromson Orban Co., Inc.
National Copper & Smelting Co.
Revere Copper & Brass Inc.
Springfield Brass Co.
Springfield Brass Co.
Vacuum Metals Corp., Div.-Crucible Steel Co.
of America
Wisconsin Aluminum Foundry Co., Inc.

#### CORDS, SHOCK

Acrotac Corp., The American Cord & Webbing Co., Inc. C. R. Daniels, Inc. Valter K. Jaros, Aircrafters Rubbercraft Corp. of California Security Parachute Co. United Supply Co.

#### CORDS, RETRACTILE

General Cable Corp.
International Electric Industries, Inc. Koiled Kords I Rex Corp., The Inc.

#### CORDS, PATCH

AMP Inc.
Amp Inc.
Aerolite Electronics Corp.
Alden Systems Co.
American Super-Temperature Wires, Inc.
Belden Mig. Co.
Birnbach Radio Co., Inc.
J. H. Bunnell & Co.
Coaxial Connector Co. Inc.
Consolidated Wire & Associated Companies
Dunlap Electronics, Inc.
Hammett Electric Co.
Lenkurt Electric Co., Inc.
Pomona Electronics Co., Inc.
Richards Electrories Co., Inc.
Vector Electronic Co.
Western International Co.

#### CORK

Armstrong Cork Co. Auburn Mfg. Co., The Darcoid Co., Inc., The Delta Chemical Works, Inc. Duroyd Gasket Mfg. Co. General Gasket Inc.

#### **DECALCOMANIAS**

Dunlap Electronics, Inc.,
Norsid Mfg. Co., Inc., The
Meyercord Corp.
Meyercord Co., The, AMC Div.
Sohl Co., The
Star Engraving Co., Ltd.
E. F. Twomey Co., Inc.,
Westline Products Div., Western Lithograph Co.,

#### DIE CASTINGS

Aluminum Co. of America American Car & Foundry Div., ACF Industries, American Car & Foundry Div., ACF Industra Anchor Metal Co. Inc. Belmont Smelting & Refining Works, Inc. Bendix Foundries, Bendix Aviation Corp. Bendix Froducts Div., Bendix Aviation Corp. Bridgeport Brass Co. Dale Products, Inc. Dow Chemical Co., The Electric Auto-Lite Co., The Hampden Brass & Aluminum Co. Ray A. Scharer & Co. Sel-Rex Corp. Stewart-Warner Corp. Titan Metal Mfg. Co.

#### DIES

Abalon Precision Mfg. Corp. Allied Engraving & Stamping Co. Amatom Electronic Hardware Co. Inc. American Car & Foundry Div., ACF Industries. Inc.
Basic Tool Industries, Inc.
Bendix Products Div., Bendix Aviation Corp.

Bergen Carbide Co.
G. M. Dykes Iron Works, Impelentation Cechniques, Inc.
Greenfield Tap & Die Corp.
Walter K. Jaros, Aircrafters
Metal Carbides Corp.
Metal Masters, Inc.
Henry & Miller Industries, Inc.
Pacific Cut Washer Co.
Paul & Beekman, Inc.
Progressive Research & Development Co., Inc.
Sheffield Corp., The, Sub., Bendix Aviation Corp.
Sprincraft, Inc.
Technical Oil Tool Corp.
Thompson Products, Inc.
Twix Mfg. Co., Inc.
Wales Strippit Co., Unit of Houdaille Industries, Inc.
Western Arc Welding, Inc.
Wickfield, Inc.

#### **DOWELS**

Acme Industrial Co.
American Standard Products, Inc.
Danly Machine Specialties, Inc.
\*HARIFORD MACHINE SCREW CO., DIV.
STANDARD SCREW CO.
Walter K. Jaros, Aircrafters
Pic Design, Corp., Sub.-Benrus Watch Co., Inc.
Standard Pressed Steel Co.
Warren Mig. Div., Warren Brothers Roads Co.
Westlake Plastics, CrystalX Corp.

#### DROP FORGINGS

Aircraft Mechanics, Inc. Aluminum Co. of America American Brake Shoe Co. American Car & Foundry Div., ACF Industries, American Brake Shoe Co.
American Car & Foundry Div., ACF Industries Inc.
American Steel Foundries, Hammond Div.
American Welding & Mig. Co., The
Bendix Products Div., Bendix Aviation Corp.
\*\*BILLINGS & SPENCER CO., THE
\*\*CAMERON IRON WORKS, INC.
Capewell Mig. Co.
Corbin Products Div.
Crucible Steel Co. of America
G. M. Dykes Iron Works, Inc.
Endicott Forging & Mig. Co., Inc.
General Railway Signal Co.
General Railway Signal Co.
General Sound Control, Inc.
Hart Metal Products Corp.
Walter K. Jaros, Aircrafters
Kellett Aircraft Corp.
Kelsey-Hayes Co.
Ladish Co.
Modglin Co. Inc.
Pettibone Mulliken Corp.
H. K. Porter Inc.
Ray A. Scharer & Co.
Steel Improvement & Forge Co., The
Thompson Products, Inc.
Transue & Williams Steel Forging Corp.
Utica Drop Forge & Tool Div. Kelsey Hayes Co.
Vichek Tool Co., The
\*WESTINGHOUSE ELECTRIC CORP.
J. H. Williams Co. \*WESTINGHOUSE ELECTRIC CORP.
J. H. Williams Co.

ACF Industries, Inc. Advanced Products Div. Aircraft Mechanics, Inc. Allied Research & Engrg. Div. Allied Record Mfg. Co.

#### DUCTS, EXHAUST

Mfg. Co.
American Aerophysics Corp.
American Brass Co., American Metal Hose Div.
Arrowhead Products, Div.—Federal-Mogul-Bower
Bearings, Inc.
Associated Co., Inc.
Avica Corp.
Basic Tool Industries, Inc.
Beaton & Corbin Mfg. Co., The
California Aircraft Products
Continental Diamond Fibre Corp., Sub.—The
Budd Co. California Aircraft Products
Continental Diamond Fibre Corp., Sub.—The
Budd Co.
Cromer Mfg. & Engrg., Inc.
D K Mfg. Co.
Cromer Mfg. & Engrg., Inc.
D K Mfg. Co.
Cromer Mfg. & Engrg., Inc.
D K Mfg. Co.
Cromer Mfg. & Engrg., Inc.
D K Mfg. Co.
Cromer Mfg. Co.
Cromer Mfg. Corp.
Co.
Cromer Mfg. Corp.
Corp

Woolf Aircraft Products, Inc. Wright Aeronautical Div., Curtiss-Wright Corp.

#### DUCTS, FLEXIBLE AND COMPRESSIBLE

Arrowhead Products, Div.—Federal-Mogul-Bower Bearings, Inc. Avica Corp. Basic Tool Industries, Inc. Avica Corp.

Basic Tool Industries, Inc.
Blowers Inc.
California Aircraft Products
Connecticut Hard Rubber Co., The
Confinental Diamond Fibre Corp., Sub.—The
Budd Co.
D K Mig. Co.
C. R. Daniels, Inc.
G. M. Dykes Iron Works, Inc.
Flexible Metal Hose Mig. Co.
Flexonics Corp.
Houston Fearless Corp.
\*\*LONE STAR PLASTICS CO. INC.
Modglin Co. Inc.
Rodney Metals Inc.
Rodney Metals Inc.
Rother Aircraft Corp.
Stainless Steel Products, Inc.
IA Mig. Corp.
Thieblot Aviation Co., Div.—Vitro Corp. of
America
Thompson Products, Inc.
Wagner Awning & Mig. Co., The
Winder Aircraft Corp. of Fla.

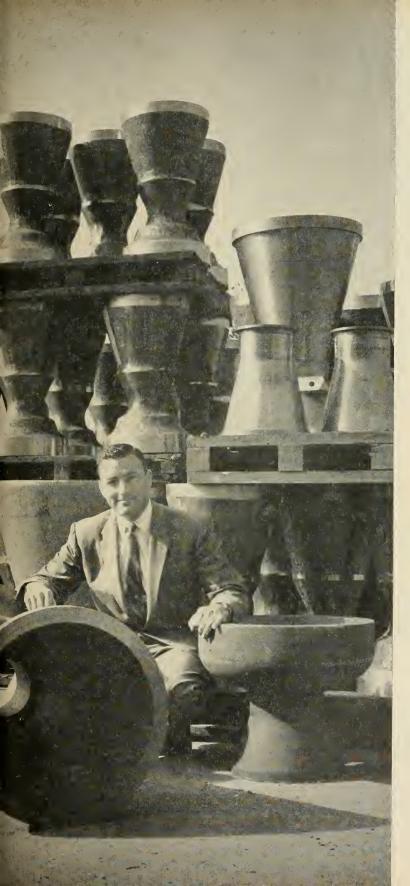
#### DUCTS, NON-FLEXIBLE

ACF Industries, Inc., Advanced Products Div. Aircraft Mechanics, Inc. Advanced Products Div. Aircraft Mechanics, Inc. American Aerophysics Corp.

\*\*AMERICAN TUBE BENDING CO., INC. Arrowhead Products, Div.—Federal-Mogul-Bower Inc. Associated Co., Inc. Basic Tool Industries, Inc. Beaton & Corbin Mfg. Co., The Cromer Mfg. & Engrg., Inc. D K Mfg. Co. G. M. Dykes Iron Works, Inc. Flexible Metal Hose Mfg. Co. Flexonics Corp. General Cable Corp. Hart Metal Products Corp. Ludwig Honold Mfg. Co. Houston Fearless Corp. Huber Industries, Inc., Lamtex Industries, Inc., Lamtex Industries, Inc., Lamtex Industries, Inc., Cont. Aircraft Corp. Republic Aviation Corp., Guided Missiles Div. Rohr Aircraft Corp. Republic Aviation Corp., Republic Aviation Corp., Stainless Steel Products, Inc. Turbo Products, Inc. Turbo Products, Inc. Tonompson Products, Inc.
Turbo Products, Inc.
\*UNITED AIRCRAFT PRODUCTS, INC.
Warren Mfg. Div., Warren Brothers Roads Co.
Wayne Foundry & Stamping Co.
Weber Aircraft Corp.
Winder Aircraft Corp. of Fla.

#### **EJECTION SYSTEMS**

Aerolex Corp., The
Aircraft Armaments, Inc.
American Electronics, Inc.
\*\*AMERICAN MACHINE & FOUNDRY CO.
Beckman & Whitley, Inc., Missile Products Div.
G. M. Dykes Iron Works, Inc.
Gray & Hullequard, Inc.
Huber Industries, Inc.
McCormick Selph Associates
O & M Machine Co., Inc.
Propellex Chemical Corp.
Republic Aviation Corp., Guided Missiles Div.
Royal Industries, Inc.
Ryan Aeronautical Co.
Security Parachute Co.
Standard Armament Inc.
Stanley Aviation Corp.
Taloc Engrg, Co., The
Technical Oil Tool Corp.
Weber Aircraft Corp.
Weber Aircraft Corp.
Winchester—West, Div.—Olin Mathieson Chem.
Corp.

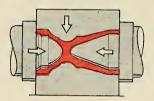


# NO WONDER WE MAKE SO MANY

#### CAMERON ONE PIECE FORGED MISSILE NOZZLES

- 1. Have no welds
- 2. Require less machining
- 3. Are lower in cost

A better nozzle for less money has put Cameron way ahead in production of these important missile parts. Cameron's exclusive split-die forging process makes this possible. Each nozzle is forged from a single heated billet of specified steel. This stéel is produced in Cameron's own melt shop under the closest possible control. From these perfect billets our specially designed split-die presses forge a near final shape.



Movement of the three elements in the split-die process.

No welds are required and machining is greatly simplified—grain structures are perfect.

Missile nozzles produced by this method are supplied as finished forgings ready for economical machining or completely machined to specification. At every single phase of manufacture, each nozzle is checked by the most modern methods used today.

The Cameron split-die process has successfully solved many unusual forging problems in a wide variety of end uses. Some of these include critical airframe members, jet engine components, propeller blades and hubs, atomic reactor valves and many high pressure controls for the oil industry.

Cameron has extended the great advantage of ferrous forged members to include shapes impossible to produce heretofore. Present production of missile nozzles includes diameters to 28" with large open sections and elongated double conical thin sections to 36" in length. In weight our forgings range to 8,000 lbs. and our high quality alloys satisfy many unusual demands. If you need forgings in this group and, of course, if you need nozzles, call, write or come by ...

Cameron
IRON WORKS, Inc.
SPECIAL PRODUCTS DEPARTMENT

P. O. Box 1212, Houston, Texas

#### EMBEDDED ASSEMBLIES

Aerolite Electronics Corp. Airlylve Electronics Co. Allide Engraving & Stamping Co. Atlantic Instrument Corp., Sub.—American Elec-tronics, Inc.

Allied Engraving & Stamping Co.
Atlantic Instrument Corp., Sub.—American Electronics, Inc.
Cal-Ohn Labs., Inc.
\*COOPER DEVELOPMENT CORP.
Dale Products, Inc.
Daystrom Instrument Div., Daystrom, Inc.
Dunlap Electronics, Inc.
Dever Engrg. Co., Inc.
Electronics Corp. of America
Eligin Micronics, West Coast Div.—Elgin National Watch Co.
Emerson & Cuming, Inc.
Jodee Plastics Co.
La Pointe Industries Inc.
National Coil Co.
Precision, Inc.
Sohl Co., The
Ielectro Industries Corp.
Tempo Instrument Inc.
Topper Mig. Co., Inc.
Tueson Instrument Corp.
Uniwave, Inc.
Toricamps Co. Inc.
Torica Uniwave, Inc. Warren Transformer Co., Inc.

#### EMBEDDED COMPONENTS

Aerolite Electronics Corp. Airflyte Electronics Co. Allied Engraving & Stamping Co. Atlantic Instrument Corp., Sub.—American Elec-Alliad Engraving & Stamping Co.
Atlantic Instrument Corp., Sub.—Ameri
tronics, Inc.
Cal-Ohm Labs., Inc.
Dale Products, Inc.
Dwyer Engrg. Co., Inc.
Electronics Corp. of America
Emerson & Cuming, Inc.
Furene Plastics, Inc.
Jodee Plastics Co.
La Pointe Industries Inc.
Nationel Coil Co.
Precision, Inc.
Sohl Co. The
Telectro Industries Corp.
Topper Mig. Co., Inc.
Tresco, Inc.
Tresco, Inc.
Tresco, Inc.
Tuson Instrument Corp.
Ultradyne, Inc.
Warren Transformer Co., Inc.

#### EXTRUSIONS, METALLIC

Aluminum Co. of America American Brass Co., The American Car & Foundry Div., ACF Industries, Inc. American Car & Foundry Div., ACF Industries, Inc.
Inc.
Inc.
Anchor Metal, Inc.
Anchor Metal Co. Inc.
Babcock & Wilcox Co. Tubular Products Div.
Bram Metallurgical & Chemical Co.
Bridgeporf Bress Co.
Delfte Chemical Works, Inc.
Division Lead Co.
Dow Chemical Co., The
Eagle-Picher Co., The
Fromson Orban Co., Inc.
Harvey Aluminum
Kaiser Aluminum & Chemical Sales, Inc.
Kelsey-Heyes Co.
Ladish Co.
Ladish Co.
Ladish Co.
Ladish Co.
Titanium Metals Corp. of America
Titanium Metals Corp. of America
Turbo Dynamics Corp.
United Shoe Machinery Corp.
Utica Drop Forge & Tool Div.-Kelsey Hayes Co.
Winchester—West. Div.—Olin Mathieson Chem.
Corp.

#### EXTRUSIONS, NON-METALLIC

Auburn Mfg. Co., The Borden Co., Resinite Dept. Co. Connecticut Hard Rubber Co. The Continental Diamond Fibre Corp., Sub.—The Budd Co. Continental Diamond Fibre Corp., Sub.—The Budd Co. Continental Rubber Works Corp. Sub.—The Budd Co. Continental Rubber Works Corp. Blad Co. Continental Rubber Works Corp. Delta Chemical Works, Inc. Dixon Corp.

B. F. Goodrich Aviaiton Products Jodee Plastics Co. Chester Morton Electronics Corp. New Englend Tepe Co. Inc., Racific Moulded Products Co. Raybestos-Manhattan, Inc., Rex Corp., The Revere Corp., The Revere Corp. The Revere Corp. The Revere Corp., The Rubber Works Inc. Rex Corp., The Rubber Co., Great American Industries, Inc. Camloc Fastener Corp.

Saxonburg Ceramics Saylor Electric Products Corp. Thermo Materials, Inc. Tri-Point Plastics Inc. Vi-Peo Corp.

EYELETS

American Brass Co., The Circon Component Corp. Corbin Products Div. Electronic Techniques, Inc. Eyelet Tool Co. Inc. Federal Screw Products Inc. Gasket, Packing & Specialty Co. Inc. General Components Inc. Goo Engr. Co. Walter K. Jaros, Aircrafters Litton Industries, Components Div. R. I. Metpro, Inc. Rodney Metals Inc. Sylvania Electric Products Inc., Parts Div. United Shoe Machinery Corp. United-Carr Fastener Corp. Vector Electronic Co. Waterbury Companies, Inc. Waterbury Pressed Metal Co., The

#### FABRIC

Arrowhead Products, Div.—Federal-Mogul-Bower Bearings, Inc. C. R. Daniels, Inc. Hi-Shear Rivet Tool Co. Schlegel Mig. Co. E. F. Timme & Son, Inc. Wagner Awning & Mfg. Co., The

#### **FASTENERS**

FASTENERS

Abbott Screw & Mfg. Co.
Adams Rite Mig. Co.
Alden Systems Co.
Almetal Screw Products Co., Inc.
Aluminum Co. of America
American Brass Co., The
American Standard Products, Inc.
Aviation Developments Inc.
Bland Burner Co., The
Boots Aircraft Nut Corp.
Briles Mfg.
Camloc Fastener Corp.
Century Fasteners Corp.
Century Fasteners Corp.
Century Fasteners Corp.
Constinental Screw Co., The, Div.—Standard Screw
Co.
Co.
Columbus Bolt & Forging Co.
Continental Screw Co.
Dimco-Gray Co.
Elastic Stop Nut Corp. of Americe
Federal Screw Products Inc.
B. F. Goodrich Aviation Products
\*\*HARTFORD MACHINE SCREW CO.
Hi-Shear Rivet Tool Co.
Horst Engrg. & Mfg. Co.
Horst Engrg. & Mfg. Co.
Horst Engrg. & Distributing Co., Inc.
Lion Fastener Co., Inc.
Nutt-Shear Corp.
Standard Pressed Steel Co.
Thompson-Bremer & Co.,
Tinnerman Products, Inc.
Titanium Metals Corp. of America
Torrington Co., The
United Supply Co.
United-Carr Fastener Corp.
Waldom Electronics Inc.
Westfield Metal Products Co., Inc.
Wrought Washer Mfg. Co.

#### Blind

Blind

Aluminum Co., of America
Aviation Developments Inc.
Boots Aircraft Nut Corp.
Brush Nail Expansion Bolt Co.
Century Fasteners Corp.
Dill Mfg. Co., The
Dumont Aviation Associates
Elastic Stop Nut Corp. of America
B. F. Goodrich Aviation Products
Huck Mfg. Co.
Walter K. Jaros, Aircrafters
Shur-Lok Corp.
Simmons Fastener Corp.
Southco Div., South Chester Corp.
Tinnerman Products, Inc.
\*\*TOWNSEND CO., CHERRY RIVET DIV.
United Shoe Machinery Corp.
Voi-Shan Mfg. Co., Div.—Pheol! Mfg. Co.

Century Fasteners Corp.
Dumont Aviation Associates
Elestic Stop Nut Corp. of America
Hi-Shear Rivet Tool Co.
Welter K. Jaros, Aircrafters
Lion Fastener Co., Inc.
Simmonds Aerocessories, Inc.
Simmond Fastener Corp.
Southco Div., South Chester Corp.
Tinnerman Products, Inc.
United-Carr Fastener Corp.

#### Self-Locking

Self-Locking

Abbott Screw & Mfg. Co.
Allmetal Screw Products Co., Inc.
American Standard Products, Inc.
Aviation Developments Inc.
Boots Aircreft Nut Corp.
Camloc Fastener Corp.
Continentel Screw Co.
Dill Mfg. Co.
R. C. Dudek & Co.
Dumont Aviation Associates
Elastic Stop Nut Corp. of America
Heli-Coil Corp.
Huck Mfg. Co.
Jacobson Nut Mfg. Corp.
Walter K. Jaros, Aircrafters
Kasar Mfg. & Distributing Co., Inc.
Klincher Locknut Corp.
Lion Fastener Co., Inc.
Mercury Air Parts Co., Inc.
Mercury Air Parts Co., Inc.
Nutl-Shel Co.
Republic Steel Corp.
Shur-Lok Corp.
Simmons Fastener Corp.
Southeo Div., South Chester Corp.
Standard Pressed Steel Co.,
Thompson-Bremer & Co.
Tinnerman Products, Inc.
United-Carr Fastener Corp.
Waterbury Pressed Metal Co., The

#### Slide

Corbin Products Div.
B. F. Goodrich Aviation Products
Walter K. Jaros, Aircrafters
Talon, Inc.
Zippertubing Co., The

#### Snap

Dumont Aviation Associates
Walter K. Jaros, Aircrafters
Mercury Air Parts Co., Inc.
\*\*RYAN INDUSTRIES
Standard Locknut & Lockwasher Inc.
United-Carr Fastener Corp.
Vemaline Products Co.

#### FELT AND FELT PARTS

FELT AND FELT PARTS

Aero Leather Products Co.
American Felt Co.
Auburn Mfg. Co., The
Booth Felt Co. Inc.
W. H. Brady Co.
Commonwealth Felt Co.
Cuno Engrg. Corp., The
C. R. Daniels, Inc.
Flock Process Co. Inc.
Gasket, Packing & Specialty Co. Inc.
Generel Gasket Inc.
Seaman Products
Standard Felt Co.
Wagner Awning & Mfg. Co., The
Western Felt Works

#### FERRIC OXIDES

Columbian Carbon Co., Mapico Color Unit Delta Chemcial Works, Inc., Farnsworth Electronics Co., Div.—Int'l Telephone & Telegraph Corp. Foote Mineral Co.

#### **FERRITES**

Delta Chemical Works, Inc.
Ferroxcube Corp. of America
Heldor Mfg. Co., Inc.
Kearfott Co., Inc.
Magnetic Shield Div.—Perfection Mica Co.
Nuclear Corp. of America, Inc.
D. M. Steward Mfg. Co.
Superex Electronics Corp.
Thermo Materials, Inc.
Uniwave, Inc.

#### FIBER GLASS

Aero Leather Products Co.
Africraff Standards, Inc.
American Aerophysics Corp.
Arrowhead Products, Div.—Federal-Mogul-Bower
Bearings, Inc.
Auburn Mig. Co., The
Coast Mig. & Supply Co.
Duracote Corp.
Goodyear Aircraft Corp.
Hampden Brass & Aluminum Co.
Hastings Plestics Inc.
Walter Kidde & Co., Inc., Aviation Div.
L. O. F. Glass Fibers Co.

Lamtex Industries, Inc. Mast Development Co., Inc. Modglin Co. Inc. Quick Charge Corp. Saylor Electric Products Corp. Saylor Electric Products Corp.
Seaman Products
Skydyne Inc.
Swedlow Plastics Co.
Synthane Corp.
H. I. Thompson Fiber Glass Co.
Thompson Products, Inc.
Waterbury Companies, Inc.

#### FIBER, VULCANIZED

Allied Plastics Supply Corp.
Auburn Mfg. Co., The
N. S. Baer Co.
Continental Diamond Fibre Corp., Sub.—The
Budd Co.
Engineered Products Co., The
Franklin Fibre-Lamitex Corp.
Gasket, Packing & Specialty Co. Inc.
Mica Fabricating Co.
Penn Fibre & Specialty Co., Inc.
Rogers Corp.
Spaulding Fibre Co., Inc.

#### FINDERS, VIEW

Buhl Optical Co. J. A. Maurer, Inc.

#### FINISHERS, PLASTIC

Duracote Corp. Hastings Plastics Inc. Quick Charge Corp. Star Engraving Co., Ltd.

#### **FINISHES**

Anadite Inc. Avondale Co., The Silicones Div.-Union Carbide Corp.

#### Crystal

Anadite Inc. Avondale Co., The

#### Luminous Materials

Annadite Inc.
Avondale Co., The
Canadian Radium & Uranium Corp.
General Cement Mfg. Co., Div.-Textron Inc.
Jodee Plastics Co.
Naz-Dar Co.
Shannon Luminous Materials Co.
Ster Engraving Co., Ltd.
Ultra-Violet Products, Inc.
United States Radium Corp.

#### Ripple

Anadite Inc.
Avondale Co., The
Avondale Co., The
General Cement Mfg. Co., Div.-Textron Inc.
Jodee Plastics Co.,
Star Engraving Co., Ltd.

#### Wrinkle

Anadite Inc.
Avondale Co., The
Conco Engrg, Works
Jodee Plastics Co.
Kellett Aircraft Corp.
Henry & Miller Industries, Inc.
Star Engraving Co., Ltd.

#### **FINS**

ACF Industries, Inc., Advanced Products Div. Aeronca Mig. Corp. Aircraft Mechanics, Inc. Aircraft Standards, Inc. Altamil Corp. American Aerophysics Corp. American Car & Foundry Div., ACF Industries, Inc.

American Aerophysics Corp.
American Car & Foundry Div., ACF Industries, Inc.

\*\*AMERICAN MACHINE & FOUNDRY CO.
American Research & Mfg. Corp.
Morris Bean & Co.
Bridgwater Machine Co.
Clemco Aero Products, Inc.
Continental Diamond Fibre Corp., Sub.—The
Budd Co.

\*\*COOPER DEVELOPMENT CORP.
Dirilyte Co. of America, Inc.
G. M. Dykes Iron Works, Inc.
Goodyear Aircraft Corp.
Graflex, Inc.
Kaiser Aircraft & Electronics Div.-Kaiser Industries Corp.
Kaiser Alminum & Chemical Sales, Inc.
Kelsey-Hawis Co.
\*\*LAVELLE AIRCRAFT CORP.
Longren Aircraft Co., Inc.
\*\*LICOMING DIV., AVCO MFG. CORP.
Magline Inc.
Modglin Co. Inc.
Parish Pressed Steel, Div.-Dana Corp.
Philco Corp., Government & Industrial Divs.
Republic Aviation Corp., Guided Missiles Div.



\*RHEEM MFG. CO., AIRCRAFT DIV.
Rohr Aircraft Corp.
Royal Industries, Inc.
Ryan Aeronautical Co.
Sesco Mfg., Inc.
Solar Aircraft Co.
Thieblot Aviation Co., Div.-Vitro Corp. of
America
Twin Coach Co.-Aircraft Div.
United Mfg. Co., The
U. S. Hammered Piston Ring Co., Inc.
Utica Drop Forge & Tool Div.-Kelsey Hayes Co.
Weber Aircraft Corp.
Wheland Co., The

#### FITTINGS, COAXIAL CABLE

Aerolite Electronics Corp.
Coaxial Connector Co. Inc.
Dittmore-Freimuth Corp.
Hallett Mfg. Co.
Walter K. Jaros, Aircrafters
Marco Industries Co.
Mendelsohn Speedgun Co., Inc.
Titeflex, Inc.

#### FITTINGS, METALLIC

FITTINGS, METALLIC

Aeroquip Corp.
Affiliated Screw Products Co.
Aircraft Fifting Co., The
All American Aircraft Products, Inc.
All American Aircraft Products, Inc.
All American Standard Products, Inc.
Ampco Metal, Inc.
Ampco Metal, Inc.
Avica Corp.
Bridgwafer Machine Co.
Century Fasteners Corp.
Collins Engrg. Corp.
Corbin Products Div.
Division Lead Co.
Dumont Aircraft Fifting Co.
Dumont Aircraft Fifting Co.
Dumont Aviation Associates
Freeman Co., The
Ludwig Honold Mfg. Co.
Walter K. Jaros, Aircrafters
Kaiser Aircraft & Electronics Div.-Kaiser Industries Corp.
Kasar Mfg. & Distributing Co., Inc.
Kerns Mfg. Corp.
Kling Metal Spinning & Stamping Co.
\*\*LAMINATED SHIM CO.
Litton Industries, Components Div.
\*\*LYCOMINED DIV.\*\*AVCO MFG. CORP.
Machine Engrg. Co. Inc.
Misco Precision Casting Co.
Modglin Co. Inc.
Parker-Hannifin Corp.
Paul & Beekman, Inc.
Republic Aviation Corp., Guided Missiles Div.
Resistoflex Corp.
Ryan Aeronautical Co.
Shaw Metal Products Corp.
Thieblot Aviation Co., Div.-Vitro Corp. of
America
Ihompson Products, Inc.
United Mfg. Co., The
United Supply Co.
Uniwave, Inc.
Vibra Seal Corp.
Western Arc Welding, Inc.

FITTINGS. NON-METALLIC

#### FITTINGS, NON-METALLIC

Affiliated Screw Products Co.
Continental Diamond Fibre Corp., Sub.—The
Budd Co.
Dumont Aviation Associates
Hastings Plastics Inc.
Walter K. Jaros, Aircrafters
Republic Aviation Corp., Guided Missiles Div.
Rubbercraft Corp. of California
Uniwave, Inc.
Vibra Seal Corp.
Westlake Plastics, CrystalX Corp.

#### FLUORESCENT COMPOUNDS, **PHOSPHORS**

American Solder & Flux Co.
Canadian Radium & Uranium Corp.
Duracote Corp.
Shannon Luminous Materials Co.
Star Engraving Co., Ltd.
Ultra-Violet Products, Inc.
United States Radium Corp.

#### FLUX, BRAZING OR SOLDERING

Accurate Specialties Co. Inc.
All-State Welding Alloys Co., Inc.
All-State Welding Alloys Co., Inc.
Aluminum Co. of America
American Silver Co.
Ampco Metal, Inc.
Anchor Metal, Inc.
Anchor Metal Co. Inc.
Belmont Smelting & Refining Works, Inc.
Burnley Battery & Mfg. Co., The
Division Lead Co.
Engelhard Industries Inc., D. E. Makepeace Div.

Hammett Electric Co.
Handy & Harman
Johnson Mfg. Co., Inc.
London Chemical Co., Inc.
Ohio Carbon Co., The
\*\*STAINLESS PROCESSING DIV., WALL COLMONDY PROCESSING DIV., WALL COLTricon Mfg. Co.,
Wye Industries

#### FOIL, ALUMINUM

Accurate Specialties Co. Inc.
Aluminum Co. of America
American Silver Co.
Anchor Metal Co. Inc.
Gasket, Packing & Specialty Co. Inc.
Johnston Foil Mig. Co.
Kaiser Aluminum & Chemical Sales, Inc.
\*LAMINATED SHIM CO.
Revere Copper & Brass Inc.
Sohl Co., The

#### FOIL, LEAD

Accurate Specialties Co. Inc.
Anchor Metal Co. Inc.
Bar-Ray Products, Inc.
Belmont Smelting & Refining Works, Inc.
Bram Metallurgical & Chemical Co.
Division Lead Co.
Gasket, Packing & Specialty Co. Inc.
Johnston Foil Mfg. Co.
Revere Copper & Brass Inc.

#### FORGINGS, DROP

Aircraft Mechanics, Inc. Aluminum Co. of America American Brake Shoe Co. American Car & Foundry Div., ACF Industries, American Brake Shoe Co.
American Steal Foundries, Hammond Div.
Bendix Products Div., Bendix Aviation Corp.
BILLINGS & SPENCER CO., THE
CAMERON IRON WORKS, INC.
Capewell Mig. Co.
Colins Engrg. Corp.
Columbus Bolt & Forging Co.
Consolidated Industries, Inc.
Corbin Products Div.
Crucible Steel Co. of America
Dirilyte Co.
Co. More Steel Co.
Co.
Co.
Maler K. Jaros, Aircrafters
Kaiser Aluminum & Chemical Sales, Inc.
Kelsey-Hayes Co.
Ladish Co.
P. R. Mallory & Co. Inc.
Petfibone Mulliken Corp.
H. K. Porter Inc.
Revere Copper & Brass Inc.
Ray A. Scharer & Co.
Steel Improvement & Forge Co., The
Thompson Products, Inc.
Transue & Williams Science
J. H. Williams Co.
Wyman-Gordon Co.

FORCIANCS ELECTRIC CORP.
J. H. Williams Co.

#### FORGINGS, FLAT DIE

Aircraft Mechanics, Inc., Aluminum Co. of America American Brake Shoe Co., American Car & Foundry Div., ACF Industries, American Car & Foundry Div., ACF Industries, Inc.
Bendix Products Div., Bendix Aviation Corp.
Bridgeport Brass Co.
\*\*CAMERON IRON WORKS, INC.
Consolidated Industries, Inc.
Corbin Products Div.
G. M. Dykes Iron Works, Inc.
General Railway Signal Co.
Hahn & Clay
Harrisburg Steel Co.
Harvey Aluminum
Kaiser Aluminum & Chemical Sales, Inc.
Ladish Co.
Charles E. Larson & Sons, Inc.
P. R. Mallory & Co. Inc.
National Forge & Ordnance Co.
Petitibone Mulliken Corp.
Revere Copper & Brass Inc.
Steel Improvement & Forge Co., The
Thompson Products, Inc.
Transue & Williams Steel Forging Corp.
United States Steel Corp.
Utica Drop Forge & Tool Div.-Kelsey Hayes Co.
\*\*WEATHERHEAD CO., THE

#### FORGINGS, PRESS

Aluminum Co. of America American Brake Shoe Co. American Car & Foundry Div., ACF Industries,

\*AVCO MFG. CORP., CROSLEY DIV.
Bendix Products Div. Bendix Aviation Corp.
\*BILLINGS & SPENCER CO., THE
\*CAMERON IRON WORKS, INC.
Chase Brass & Copper Co., Inc.
Consolidated Industries, Inc.,
Corbin Products Div.
G. M. Dykes Iron Works, Inc.,
Hahn & Clay
Harvey Aluminum
Kaiser Aluminum & Chemical Sales, Inc.
Ladish Co.
National Forge & Ordnance Co.
Pettibone Mulliken Corp.,
Revere Copper & Brass Inc.
Ray A, Schaere & Co.,
Steel Improvement & Forge Co., The
Thompson Products, Inc.
Titan Metal Mfg. Co.
Titanium Metals Corp. of America
Transue & Williams Steel Forging Corp.
United States Steel Corp.,
United States Steel Corp.,
Utica Drop Forge & Tool Div.-Kelsey Hayes Co.
Vacuum Metals Corp., Div.-Crucible Steel Co. of
America
Vanadium-Alloys Steel Co.
Weatherhead Co., The
J. H. Williams Co.

#### FORGINGS, UPSET

Aluminum Co. of America American Brake Shoe Co. American Car & Foundry Div., ACF Industries, American Brake Shoe Co.
American Car & Foundry Div., ACF Industries, Inc.
American Steel Foundries, Hammond Div.
American Welding & Mig. Co., The Bendix Products Div., Bendix Aviation Corp.
\*\*BILLINGS & SPENCER CO., THE
Bridgeport Brass Co.
\*\*CAMERON IRON WORKS, INC.
Columbus Bolt & Forging Co.
\*\*COMMERCIAL SHEARING & STAMPING CO.
Corbin Products Div.
G. M. Dyker Iron Works, Inc.
Endicott Forging & Mig. Co., Inc.
General Railway Signal Co.
Hahn & Clay
Ladish Co.
National Forge & Ordnance Co.
Pettibone Mulliken Corp.
H. K. Porter Inc.
Revere Copper & Brass Inc.
Ray A. Scharer & Co.
Steel Improvement & Forge Co., The
Thompson Products, Inc.
Titanium Metals Corp., of America
Transue & Williams Steel Forging Corp.
United States Steel Corp.
United States Steel Corp.
United States Steel Corp., Div.-Crucible Steel Co.
of America
Vanadium-Alloys Steel Co.
Vlenke Tool Co., The
J. H. Williams Co.
Wyman-Gordon Co.

#### FORMS, WIRE

Accurate Specialties Co. Inc.
Amatom Electronic Hardware Co. Inc.
American Steel & Wire Div.-United States Steel
Corp.,
Acchor Metal Co. Inc.
Arr Wire & Stamping Co.
J. P. Devine Mig. Co.
Eaton Mig. Co.
Eaton Mig. Co.
Eaton Mig. Co.
General Industries Inc., D. E. Makepeace Div.
First Electronics Corp., The
Garde Mig. Co.
General Findings & Supply Co., Industrial Div.
Gunnar Laboratories
Hunter Spring Co.
Walter K. Jaros, Aircrafters
Leach & Garner Co., Industrial Div.
Leetronics, Inc.
Reliable Spring & Wire Forms Co., The
Seamless Products Co., Inc.
Sohl Co., The
Standard Metals Corp.
Sylvania Electric Products Inc., Parts Div.
Universal Metal Products Inc.,
Waldom Electronics Inc.
Wenco Mig. Co.

#### **FUEL LINES**

Allied Plastics Supply Corp.
American Brass Co., American Metal Hose Div.
\*AMERICAN TUBE BENDING CO., INC. Arnolt Corp. Beaton & Corbin Mfg. Co., The Continental Diamond Fibre Corp., Sub.—The Continental Diamond Fibre Corp., Sub.—Ine Budd Co.
Flexible Metal Hose Mfg. Co.
Fromson Orban Co., Inc.
8. F. Goodrich Aviation Products
Joclin Mfg. Co.
Kaiser Aircraft & Electronics Div.-Kaiser Industries Corp.
La Pointe Industries Inc. Reaction Motors, Inc.
Resistoflex Corp.
Rohr Aircraft Corp.
Rohr Aircraft Co.
Solar Aircraft Co.
Stainless Steel Products, Inc.
Thieblot Aviation Co., Div.-Vitro Corp. of
America
Thompson Products, Inc.
Turbo Products, Inc.
Turbo Products, Inc.
Turbo Products, Inc.
Weatherhead Co., The
Woolf Aircraft Products, Inc.

#### **FUEL TANKS**

ACF Industries, Inc., Advanced Products Div.

FUEL TANKS

ACF Industries, Inc., Advanced Products Div. Aerodex, Inc.
Air Products, Inc.
Air Products, Inc.
Air Products, Inc.
Aluminum Co. of America
\*AMERICAN MACHINE & FOUNDRY CO.
Associated Co., Inc.
Continental Diamond Fibre Corp., Sub., The Budd Co.
Cromer Mfg. & Engrg., Inc.
\*PIVERSY ENGRG. CO.
Eaton Mfg. Co., Inc., Fredric Flader Div.
G. W. Galloway Co.

B. F. Goodrich Aviation Products
Goodyear Aircraft Corp.
Hahn & Clay
Hart Metal Products Corp.
Hack Corp., The
Houston Fearless Corp.
Javelin Aircraft Co. Inc.
Joclin Mfg. Co.
Herrick L. Johnston Inc.
Kaiser Aircraft & Electronics Div.-Kaiser Industries Corp.
Kelsey-Hayes Co.
\*LAYELLE AIRCRAFT CORP.
Longren Aircraft Co., Inc.
Opelika Welding, Machine, & Supply Inc.
Parish Pressed Steel, Div.-Dana Corp.
Portland Copper & Tank Works Inc.
Reaction Motors, Inc.
Rohr Aircraft Corp.
Royal Industries, Inc.
Ryan Aeronautical Co.
Solar Aircraft Co.
Thempson Products Inc.
Thempson Product

America
Thompson Products, Inc.
Twin Coach Co.-Aircraft Div.
\*UNITED AIRCRAFT PRODUCTS, INC.
United Mig. Co., The
United States Chemical Milling Corp.
Warren Mig. Div., Warren Brothers Roads Co.
\*WASHINGTON ALUMINUM CO., INC.
Weber Aircraft Corp.
Wells Industries Corp.
Western Arc Welding, Inc.
Westholt Mig. Co.,
Woolf Aircraft Products, Inc.

#### **FUSELAGES**

ACF Industries, Inc., Advanced Products Div. Aeronca Mfg. Corp.
\*\*AMERICAN MACHINE & FOUNDRY CO. American Welding & Mfg. Co., The Aeronca Mfg. Corp.

\*AMERICAN MACHINE & FOUNDRY CO.
American Welding & Mfg. Co., The
Amolf Corp.
Associated Co., Inc.
Basic Tool Industries, Inc.
Eaton Mfg. Co., Inc., Fredric Flader Div.
General Electric Co., Missile & Ordnance Systems
Dept. (vt.)
Goodyear Aircraft Corp.
Kaiser Aircraft & Electronics Div.-Kaiser Industries Corp.
\*\*LAYELLE AIRCRAFT CORP.
Longren Aircraft Co., Inc.
R. C. Mahon Co., The
Modglin Co. Inc.
Opelika Welding, Machine, & Supply Inc.
Parish Pressed Steel, Div.-Dana Corp.
Pann Fibre & Specialty Co., Inc.
Republic Aviation Corp. Guided Missiles Div.
\*\*RHEEM MFG. CO., AIRCRAFT DIV.
Rohr Aircraft Corp.
Ryan Aeronautical Co.
Shaw Metal Products Corp.
Solar Aircraft Co.
South Wind Div., Stewart Warner Corp.
Twin Coach Co.-Aircraft Div.
\*\*WASHINKOTON ALUMINUM CO., INC.
Westen MFG.
Westholt Mfg. Co.
Wheland Co., The

#### GASKET PASTE AND CEMENT

Samuel Cabot Inc.
Crane Packing Co.
B. F. Goodrich Industrial Products Co.
Green, Tweed & Co.
Hamilton Kent Mfg. Co.
Hastings Plastics Inc.
Walter K. Jaros, Aircrafters
Parker-Hannifin Corp.
Penn Fibre & Specialty Co., Inc.
United Shoe Machinery Corp.

#### GASKETS, METALLIC

GASKEIS, METALLIC

Acme Mfg. & Gasket Co.
Advanced Products Co., The
Alpha Metals, Inc.
American Brass Co., The
\*AMERICAN MACHINE & FOUNDRY CO.
Anchor Metal Co., Inc.
Anchor Packing Co., The
Auburn Mfg. Co., The
Belmont Smelting & Refining Works, Inc.
Century Fasteners Corp.
Connecticut Hard Rubber Co., The
Orbin Products Div.
Divon Corp.
Hexrock Co.
Fluorocathon Co. Inc., The
Purcator Corp.
Fluorocathon Co. Inc., The Flexrock Co.
Fluorocarbon Co. Inc., The
Gasket Mfg. Co. Inc.
Gasket, Packing & Specialty Co. Inc.
General Cable Corp.
B. F. Goodrich Aviation Products
Green, Tweed & Co.
Walter K. Jaros, Aircrafters
Kasar Mfg. & Distributing Co., Inc.
\*LAMINATED SHIM CO.
Machine Force Co. Inc. Machine Engrg. Co.

Metallo Gasket Co. National Utilities Corp. Pacific Cut Washer Co. Paul & Beekman, Inc. Penn Fibre & Specialty Co., Inc. Rodney Metals Inc. Penn Fibre & Specialty Co., Inc.
Rodney Metals Inc.
Tricon Mfg. Co.
\*\*UNITED AIRCRAFT PRODUCTS, INC.
U. S. Hammered Piston Ring Co.,
Victor Mfg. & Gasket Co.
Waldom Electronics Inc.

#### GASKETS, NON-METALLIC

Acme Mfg. & Gasket Co. Aero Leather Products Co. Allied Plastics Supply Corp. Anchor Packing Co., The Armstrong Cork Co. Armstrong Cork Co. Arrowhead Products, Div.—Federal-Mogul-Bower Arrowhead Products, DIV.—Federal-Mogul-bower Bearings, Inc.
Auburn Mfg. Co., The
W. H. Brady Co.
Chicago Gasket Co.
Connecticut Hard Rubber Co., The
Continental Diamond Fibre Corp., Sub.-The



Continental Rubber Works
Crane Packing Co.
Darcoid Co., Inc., The
Duroyd Gasket Mfg. Co.
Enflo Corp.
Excelsior Leather Washer Mfg. Co. Inc.
Flexrock Co.
Franklin Fibre-Lamitex Corp.
Garrett Corp., The, Air Cruisers Div.
Gasket Mfg. Co. Inc.
Gasket, Packing & Specialty Co. Inc.
Gasket, Packing & Specialty Co. Inc.
General Cable Corp.
General Gasket Inc.
Green, Tweed & Co.
Halogen Insulator & Seal Corp.
Hamilton Kent Mfg. Co.
Horsey, Robson & Co., Inc.
Walter K. Jaros, Aircrafters
Joclin Mfg. Co.
Jodee Plastics Co.
Machine Engrg. Co. Inc.
Metallo Gasket Co.
Metallo Gasket Co.
Metallo Gasket Co.
National Utilities Corp.
Neosil Products Co.
Parker-Hannifin Corp.
Quick Charge Corp.
Raybestos-Manhattan, Inc.
Reeves Brothers Inc., Vulcan Rubber Products
Div.
Rogers Corp.
Rubatex Div., Great American Industries, Inc. Rogers Corp.
Rogers Corp.
Robercaft Corp. of California
Ray A. Scharer & Co.
M. L. Snyder & Son, Inc.
Sparta Mfg. Co.
Spaulding Fibre Co., Inc.
Union Asbestos & Rubber Co.
U. S. Hammered Piston Ring Co., Inc.
Victor Mfg. & Gasket Co.
Western Felt Works

#### GLASS INSULATION

Aircraft Standards, Inc. Allied Plastics Supply Corp. Semon Bache & Co. Calfibe Co., Inc. Continental Diamond Fibre Corp., Sub.-The Budd Continental Diamond Fibre Corp.,
Co.
Crystal-X Corp.
Emerson Plastics Corp.
L. O. F. Glass Fibers Co.
Mica Fabricating Co.
H. I. Thompson Fiber Glass Co.
Warflex Corp.
Warren Wire Co.

#### GLASS, MICA-WOVEN OR LAMINATED

Allied Plastics Supply Corp. Auburn Mfg. Co., The William Brand & Co., Inc. Continental Diamond Fibre Corp., Sub.-The Budd Con. To Author of the Corp., Sub-rine but Co., Franklin Fibre-Lamitex Corp., General Cement Mfg. Co., Div.-Textron Inc., General Plastics Corp. of New Jersey Joclin Mfg. Co., Mica Fabricating Co., Mica Fabricating Co., New England Laminates Co., Inc., Saylor Electric Products Corp., Swedlow Plastics Co., Warren Wire Co.

#### GRILLES, METAL

Abalon Precision Mfg. Corp.

\*\*AMERICAN MACHINE & FOUNDRY CO.

Bendix Aviation Corp., York Div.

Dayton Mfg. Co., Inc.

Dwyer Engrg. Co., Inc.

G. M. Dykes Iron Works, Inc.

Flock Process Co., Inc.

Heldor Mfg. Co., Inc.

Kelsey-Hayes Co.

Longren Aircraft Co., Inc.

Modglin Co., Inc.

Charles Mundt & Sons

Opelika Welding, Machine & Supply, Inc.

Star Engraving Co., Ltd.

Thompson Products, Inc.

Twix Mfg. Co., Inc.

United Mfg. Co., The

\*WASHINGTON ALUMINUM CO., INC.

#### GRILLES, MOLDED PLASTIC

Allied Plastic Supply Corp. American Aerophysics Corp. Continental Diamond Fibre Corp., Sub.-The Budd Continental Diamona ribio.
Co.
Dwyer Engrg, Co., Inc.
Electric Auto-Lite Co., The
Erie Resistor Corp.
Garrett Corp., The, Air Cruisers Div.
General Cement Mfg. Co., Div.-Textron, Inc.
Joclin Mfg. Co.
Jodee Plastics Co.
Waterbury Companies, Inc.

#### **GROMMETS**

Allied Plastics Supply Corp.
Amatom Electronic Hardware Co., Inc.
American Brass Co., The
Arrowhead Products, Div.-Federal-Mogul-Bower
Bearings, Inc.
Auburn Mfg. Co., The
N. S. Baer Co.
H. Braun Tool & Instrument Co., Inc.
Continental Rubber Works
Corbin Products Div.
DII Mfg. Co., The
Dumont Aviation Associates
Emerson Plastics Corp.
Erflo Corp.
Eyelet Tool Co., Inc.
Federal Screw Products, Inc.
Fluorocarbon Co., Inc., The
General Cement Mfg. Co., Div.-Textron, Inc.,
General Findings & Supply Co., Industrial Div.
Hallett Mfg. Co.
Hart Metal Products Corp.
Walter K. Jaros, Aircrafters
Joclin Mfg. Co.,
Jodee Plastics Co.
Walter Lee Chemical Corp.
R. I. Metpro, Inc.
Pacific Cut Washer Co.
Penn Fibre & Specialty Co., Inc.
Roberts Toledo Rubber Co., The
Rubbercraft Corp. of California
Servicair Co.
Shur-Lok Corp.
Skytronics
United-Carr Fastener Corp.
United-Carr Fastener Corp.
Wagner Awning & Mfg. Co., The
Waldom Electronics, Inc.
Western Felt Works

#### GROMMETS, FIBRE

AND MMETS, FIBRE
Allied Plastics Supply Corp.
Amatom Electronic Hardware Co., Inc.
Auburn Mfg. Co., The
N. S. Baer Co.
Continental Diamond Fibre Corp., Sub.-The
Budd Co.
Dumont Aviation Associates
Emerson Plastics Corp.
Federal Screw Products, Inc.
Walter K. Jaros, Aircrafters
Penn Fibre & Specialty Co., Inc.
Rogers Corp.
Spaulding Fibre Co., Inc.

#### HOISTS, AIRBORNE

All American Aircraft Products Inc. \*AMERICAN MACHINE & FOUNDRY CO. Associated Co., Inc. Chisholm-Moore Hoist Div., Columbus McKinnon Associated Co., IIIC.
Chisholm-Moore Hoist Div., Columbus McKin
Chain Corp.
Cromer Mfg. & Engrg., Inc.
\*PALMO VICTOR CO., DIV.-TEXTRON, INC.
Detroit Hoist & Machine Co.
Eaton Mfg. Co., Inc., Fredric Flader Div.
\*ELECTROL INC.
Foote Brothers Gear & Machine Corp.
G. W. Galloway Co.
Hexcel Products Inc.
Walter K. Jaros, Aicrafters
Kelsey-Hayes Co.
O & M Machine Co., Inc.
Ozone Metal Products Corp.
\*\*REGENT JACK MFG. CO. INC.
Vickers Inc., Div.-Sperry Rand
Vinson Mfg. Co., Inc.

#### HYDRAULIC RESERVOIRS

HYDRAULIC RESERVOIRS

ACF Industries, Inc., Advanced Products Div. Accessory Controls & Equipment Corp.

\*\*AMERICAN MACHINE & FOUNDRY CO.\*\*

Artwin Industries, Inc., About Co.\*\*

Auto-Control Labs, Inc., Bendix Aviation Corp.

Bridgwater Machine Co.

Cadillac Gage Co.

Champion Airquipment, Inc.

Cleveland Pneumatic Tool Co., The, Div.
Cleveland Pneumatic Industries, Inc.

\*\*COOPER DEVELOPMENT CORP.\*\*

\*\*DALMO VICTOR CO., DIV.-TEXTRON, INC.

\*\*DIVERSEY ENGRG. CO.

Eaton Mg. Co., Inc., Fredric Flader Div.

\*\*GREER HYDRAULICS, INC.

HOUDAILLE INDUSTRIES, INC., BUFFALO

HYDRAULICS DIV.

Hydra-Power Corp.

\*\*KAHN & Co., INC.

Kaiser Aircraft & Electronics Div.-Kaiser Industries Corp.

Kelsey-Hayes Co.

La Pointe Industries, Inc.

Menasco Mg. Co.

Oil-Dyne, Inc.

Pacific Div.-Bendix Aviation Corp.

Petch Mig. Co.

Progressive Research & Development Co., Inc.

Ryan Aeronaulical Co.

Sargent Engrg. Corp.

Thompson Products, Inc.
\*UNITED AIRCRAFT PRODUCTS, INC.
Vickers Inc., Div.-Sperry Rand
Vinson Mfg. Co., Inc.
Waldorf Instrument Co., Div.-F. C. Huyck & Waldorf Instrument Co., Chr. Sons
Sons
Warren Mfg. Div., Warren Brothers Roads Co.
\*WASHINGTON ALUMINUM CO., INC.
Weatherhead Co., The
Wells Industries Corp.
Westholf Mfg. Co.
Wickfield, Inc.

#### HYDRAULIC SYSTEMS AND CONTROLS

Accessory Controls & Equipment Corp.
Acme Industrial Co.,
Aero Supply Mfg. Co., Inc.,
Aeronautical & Instrument Div., Robertshaw-Fulton Controls Co.,
Aerotec Corp., The
Aero-Test Equipment Co., Inc.,
Alco, Valve Co., Aero-Test Equipment Cor., Alta Valve Co.
Altair, Inc.
Applied Dynamics Corp.
Arkwin Industries, Inc.
Auto-Control Labs., Inc.
Automatic Switch Co.
Bendix Products Div., Bendix Aviation Corp.
Bridgwater Machine Co.
CDC Control Services, Inc.
Cadillac Gage Co.
Champion Airquipment, Inc.
Clary Dynamics
Cleveland Pneumatic Tool Co., The, Div.
Cleveland Pneumatic Industries, Inc.
\*\*COMMERCIAL STAMPING & SHEARING CO.
Consolidated Controls Corp.
\*\*CORNELIUS CO., THE
\*\*DALMO VICTOR CO., DIV.-TEXTRON, INC.
Joe Davidson & Associates
Devoc Engrg., Inc.
\*\*DIVERSEY ENGRG. CO.
\*\*\*DIVERSEY ENGRG. CO. Devco Engra, Inc.
\*DIVERSEY ENGRG. CO.
Dynamic Controls Corp.
\*EASTERN INDUSTRIES, INC.
Eaton Mfg. Co., Inc., Fredric Flader Div.
Eddington Metal Specialty Co.
Electric Auto-Lite Co., The
\*ELECTROL, INC.
\*Engelberg Huller Co., Inc.
Food Machinery & Chemical Corp., Ordnance
Div.

DIV.
Futurecraft Corp.
G. W. Galloway Co.
\*GARRETT CORP., THE, AIRESEARCH MFG. DIVS.

\*GARRETT CORP., THE, AIRESEARCH MFG. DI'Geisler Labs.
General Cement Mfg. Co., Div.-Textron, Inc.
General Controls Co.,
Gray & Huleguard, Inc.
\*GREER HYDRAULICS, INC.
Hagan Chemicals & Controls, Inc.
Hoof Products Co.

\*HOUDAILLE INDUSTRIES, INC., BUFFALO HYDRAULICS DIV. Hupp Aviation Co., Walter J. Hysti Co., The Hydra-Power Corp.

Hydra-Power Corp.

\*KAHN & CO., INC.
Kaiser Aircraft & Electronics Div.-Kaiser Industries Corp.
Kearfort Co., Inc.
Kelsey-Hayes Co.
Kemp Aero Products, Div.-Kemp, Inc.
Kerns Mig. Corp.
Koehler Aircraft Products Co., Inc.
La Pointe Industries, Inc.

\*WALLACE O. LEONARD, INC.
Loewy-Hydropress, Div.-Baldwin-Lima-Hamilton
Lyndon Aircraft, Inc.
Menasco Mig. Co.
Minneapolis-Honeywell
Regulator Co., Aeronaufical Div.

Menasco Mig. Co.
Minneapolis-Honeywell Regulator Co., Aeronautical Div.
New York Air Brake Co., The, Watertown Div.
Oil-Dyne, Inc.
Pacific Div-Bendix Aviation Corp.
Parameters, Inc.
Pesco Products Div-Borg-Warner Corp.
Petch Mfg. Co.
H. K. Porter, Inc.
Progressive Research & Development Co., Inc.
\*\*REPUBLIC MFG. CO.
Research Controls
Rivett Lathe & Grinder, Inc.
Royal Industries, Inc.
Royal Industries, Inc.
Ryan Aeronautical Co.
A. U. Stone & Co., Inc.
Sundstrand Aviation, Div.-Sundstrand Machine
Tool Co.
Sundstrand Turbo Div., Sundstrand Machine Tool
Co.
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The Control of the Co.
The Control of the Co.

Sundstrand Turbo Co., Co., Co., Tactair Valve Div. Aircraft Products Co. Talley Corp., The Thompson Products, Inc. Trimount Instrument Co. Trimount Instrument Co.

Trimount Instrument Co.
Vickers Inc., Div.-Sperry Rand
Vinson Mfg. Co., Inc.
Waldorf Instrument Co., Div.-F. C. Huyck &
Sons
Wave Particle Corp.
Weston Hydraulics, Ltd.
Whittaker Controls, Div.-Telecomputing Corp.
Wickfield, Inc.

#### INSULATING COMPOUNDS

Biwax Corp.
Borden Chemical Co., The, Div.-The Borden Co.,
Resinite Dept.
Emerson & Cuming, Inc.
General Cement Mig. Co., Div.-Textron, Inc.
Haistings Plastics, Inc.
Hi-Test Chemical Corp.
\*\*IPEAL CHEMICAL PRODUCTS, INC.
Joclin Mig. Co.,
Johns-Mansville Dutch Brand Div.
Magnetic Shield Div.-Perfection Mica Co.
New England Tape Co., Inc.
Silicones Div.-Union Carbide Corp.
A. U. Stone & Co., Inc.
Topper Mig. Co., Inc.
Zophar Mills, Inc.

INSULATION MATERIALS

Aero Leather Products Co.
Air Products, Inc.
Anachrome Corp.
Auburn Mfg. Co., The
William Brand & Co., Inc.
Calfibe Co., Inc.
Calfibe Co., Inc.
Calfibe Co., Inc.
Corp.
Delta Chemical Works, Inc.
Dixon Corp.
Duracote Corp.
Eagle-Picher Co., The
Electronic Mechanics, Inc.
Emerson & Cuming, Inc.
Emerson Plastics Corp.
Franklin Fibre-Lamitex Corp.
Franklin Fibre-Lamitex Corp.
Franklin Fibre-Lamitex Corp.
Hurane Plastics, Inc.
General Electric Co., Apparatus Sales Div.
Hastings Plastics, Inc.
Industrial Mica Corp.
Jodee Plastics Co.
Oseph Kaye & Co.
Walter Lee Chemical Corp.
Midland Paint & Varnish Co., The
New England Tape Co., Inc.
Nopco Chemical Co.
Norton Co.
Raybestos-Manhaftan, Inc.
Rubatex Div., Great American Industries, Inc.
Saxonburg Ceramics
Schlegel Mfg. Co.
Saeman Products
Sillicones Div.-Union Carbide Corp.
Synthane Corp.
H. I. Thompson Fiber Glass Co.
Topper Mfg. Co., Inc.
Union Asbestos & Rubber Co.
Warren Wire Co.
Warren Wire Co.
Western Felt Works
Zippertubing Co., The

Aluminum Oxide

#### Aluminum Oxide

Aluminum Oxide

Aluminum Co. of America
Anachrome Corp.

B G Corp., The
Corning Glass Works
Delta Chemical Works, Inc.
Wilbur B. Driver Co.
Electronic Mechanics, Inc.
Linde Co., Div.-Union Carbide
Morganite, Inc.
Chester Morton Electronics Corp.
Mykroy, Inc.
Norton Co.
Saxonburg Ceramics
D. M. Steward Mig. Co.
Western Gold & Platinum

#### Asbestos

Allied Plastics Supply Corp. Atlas Asbestos Co. Auburn Mfg. Co., The Continental Diamond Fibre Corp., Sub.-The Budd Continental Diamond Fibre Corp., Co.
Co.
Delta Chemical Works, Inc.
General Electric Co., Apparatus Sales Div.
Olympic Plastics Co., Inc.
Raybestos-Manhattan, Inc.
Union Asbestos & Rubber Co.
Zippertubing Co., The

#### Ceramic

Allied Plastics Supply Corp.
Atlas Asbestos Co.
Auburn Spark Plug Co., Inc.
B G Corp., The
Bendix Products Div., Bendix Aviation Corp.
Corning Glass Works
Wilbur B. Driver Co.,
Electric Auto-Lite Co., The
Electrical Refractories Co., The
Electronic Mechanics, Inc.
Emerson & Cuming, Inc.
Emerson & Cuming, Inc.
Emerson & Coming, Inc.
Corp.
Isolantite Mfg. Corp.
Isolantite Mfg. Corp.
Mica Fabricating Co.
Morganite, Inc.
Chester Morton Electronics Corp.
Mycalex Corp. of America
Norton Co.
Olin Mathieson Chemical Corp., High Energy
Fuels Div.

Rogers Corp.
Saxonburg Ceramics
D. M. Steward Mfg. Co.
Thermo Materials, Inc.
Topper Mfg. Co., Inc.
Zirconium Corp. of America

#### Fabric

Fabric

Allied Plastics Supply Corp.
Auburn Mfg. Co., The
William Brand & Co., Inc.
Continental Diamond Fibre Corp., Sub.-The Budd
Co.
Duracote Corp.
Franklin Fibre-Lamitex Corp.
General Electric Co., Apparatus Sales Div.
General Plastics Corp. of New Jersey
Hastings Plastics, Inc.,
Mica Fabricating Co.
Mykroy, Inc.
National Research Corp.
Olympic Plastics Co., Inc.,
Schlegel Mfg. Co.
Scaman Products
Synthane Corp.
H. I. Thompson Fiber Glass Co.
E. F. Timme & Son, Inc.
Union Asbestos & Rubber Co.
Warren Wire Co.
Zippertubing Co., The

#### Fibre

Allied Plastics Supply Corp.
Auburn Mfg. Co., The
Connector Corp.
Connector Corp.
Confinental Diamond Fibre Corp., Sub.-The Budd

INSULATION PARTS Connector Corp.
Continental Diamond Fibre Corp., Sub-The Budd Co.
Dayton Aircraft Products, Inc.
Flock Process Co., Inc.
Flock Process Co., Inc.
Flock Process Co., Inc.
Flock Process Co., Inc.
Co., Caperal Electric Co., Apparatus Sales Div.
General Electric Co., Apparatus Sales Div.
General Easket, Inc.
Lastings Plastics, Inc.
L. O. F. Glass Fibers Co.
Mica Fabricating Co.
Olympic Plastics Co., Inc.
Penn Fibre & Specialty Co., Inc.
Rogers Corp.
Seaman Products
Spaulding Fibre Co., Inc.
William W. Stanley Co., Inc.
H. I. Thompson Fiber Glass Co.
Union Asbestos & Rubber Co.
Warren Wire Co.

#### Glass

Glass

Allied Plastics Supply Corp.
Auburn Mfg. Co., The
Semon Bache & Co.
Cordo Molding Products, Inc.
Corning Glass Works
Duracote Corp.
General Electric Co., Apparatus Sales Div.
Hastings Plastics, Inc.
L. O. F. Glass Fibers Co.
Mica Fabricating Co.
Mykroy, Inc.
Philadelphia Scientific Glass Co.
Seaman Products
Synthane Corp.
H. I. Thompson Fiber Glass Co.
Zippertubing Co., The

#### Glass Fibre

Aero Leather Products Co.
Allied Plastics Supply Corp.
Atlas Asbestos Co.
Auburn Mfg. Co., The
William Brand & Co., Inc.
Calfibe Co., Inc.
Continental Diamond Fibre Corp., Sub. The Budd Calfibe Co., Inc.
Continental Diamond Fibre Corp., Sub. The Bu
Co.
Duracote Corp.
Eagle-Picher Co., The
Emerson Plastics Corp.
Franklin Fibre-Lamitex Corp.
Franklin Fibre-Lamitex Corp.
Franklin Fibre-Lamitex Corp.
Franklin Fibre-Lamitex Corp.
Furane Plastics, Inc.
General Electric Co., Apparatus Sales Div.
Hastings Plastics, Inc.
Hastings Plastics, Inc.
Mica Fabricating Co.
L. O. F. Glass Fibers Co.
Lamiex Industries, Inc.
Mica Fabricating Co.
New England Laminates Co., Inc.
Olympic Plastics Co., Inc.
Denn Fibre & Specialty Co., Inc.
Seaman Products
Silicone Insulation, Inc.
William W. Stanley Co., Inc.
Synthane Corp.
H. I. Thompson Fiber Glass Co.
Varflex Corp.
Warren Wire Co.
Zippertubing Co., The

#### Nylon

Allied Plastics Supply Corp.
Auburn Mig. Co., The
William Brand & Co., Inc.
Continental Diamond Fibre Corp., Sub.-The Budd
Co.

Crystal-X Corp.
Dayton Aircraft Products, Inc.
Duracote Corp.
Emerson Plastics Corp.
Franklin Fibre-Lamitex Corp.
General Electric Co., Apparatus Sales Div.
General Gasket, Inc.
General Plastics Corp. of New Jersey
Illumitronic Engg. Co.
Judee Plastics Co.
Mica Fabricating Co.
Olympic Plastics Co., Inc.
Penn Fibre & Specialty Co., Inc.
Science House, Inc.
William W. Stanley Co., Inc.
Synthane Corp.
Waterbury Companies, Inc.
Zippertubing Co., The

#### Paper

Allied Plastics Supply Corp.
Auburn Mfg. Co., The
William Brand & Co., Inc.
Confinental Diamond Fibre Corp., Sub.-The Budd Continental Diamond Fibre Corp., Sub.-The Co.
Franklin Fibre-Lamitex Corp.
General Gasket, Inc.
Industrial Mica Corp.
Magnetic Shield Div.-Perfection Mica Co.
National Research Corp.
New England Laminates Co., Inc.
Rogers Corp.
William W. Stanley Co., Inc.
Synthane Corp.

INSULATION PARTS

Allied Plastics Supply Corp.
Auburn Mfg. Co., The
Dixon Corp.
Du-Co Ceramics Co.
Electronic Mechanics, Inc.
Emerson & Cuming, Inc.
Emerson Plastics Corp.
Enflo Corp.
Franklin Fibre-Lamitex Corp.
Gunnar Laboratories
Jodee Plastics Co.
Keystone Electronics Corp.
Walter Lee Chemical Corp.
Litton Industries, Components Div.
Maryland Lava Co.
Mica Fabricating Co.
Olympic Plastics Co., Inc.
Seaman Products
Surprenant Mfg. Co.
Swedlow Plastics Co.
TA Mfg. Corp.

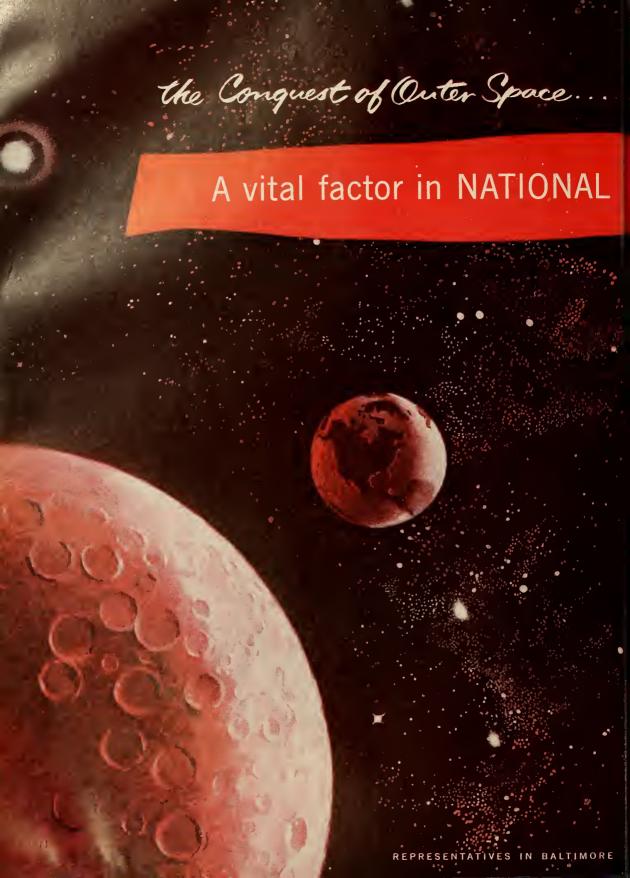
#### Ceramic Insulation Parts

Ceramic Insulation Parts

Allied Plastics Supply Corp.
Auburn Spärk Plug Co., Inc.
B G Corp., The
Bendix Products Div., Bendix Aviation Corp.
\*COOPER DEVELOPMENT CORP.
Corning Glass Works
Dayton Aircraft Products, Inc.
Diamonite Products Mfg. Co.
Wilbur B. Driver Co.
Electric Auto-Lite Co., The
Electrical Refractories Co., The
Electrical Refractories Co., The
Electronic Mechanics, Inc.
Emerson & Cuming, Inc.
Eric Resistor Corp.
General Ceremics Corp.
Heldor Mfg. Co., Div.-Textron, Inc.
General Ceremics Corp.
Heldor Mfg. Co., Inc., Radio Specialties Div.
Litton Industries, Components Div.
Maryland Lava Co.
Mica Fabricating Co.
Mica

#### Insulating Sleeves

Insulating Sleeves
Allied Plastics Supply Corp.
Arrowhead Products, Div.-Federal-Mogul-Bower
Bearings, Inc.
Auburn Mig. Co., The
Auburn Spark Plug Co., Inc.
B. & C. Insulation Products, Inc.
B. & Corp., The
Birnbach Radio Co., Inc.
Borden Chemical Co., The, Div.-The Borden Co.,
Resinite Dept.
William Brand & Co., Inc.
Calfibe Co., Inc.
Continental Diamond Fibre Corp., Sub.-The Budd
Co.
Corning Glass Works
Crystal-X Corp.



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#### Insulating Sleeves, Cont.

Diamonite Products Mfg. Co.
Dixon Corp.
Pison Corp.
Flactronic Mechanics, Inc.
Emerson Plastics Corp.
Franklin bbre-Lamitex Corp.
Franklin bbre-Lamitex Corp.
Franklin Brasilics, Inc.
Gathe Corp.
Hastings Plastics, Inc.
Jodin Mfg.Co.
Jodin Mfg.Co.
Jodin Plastics Co.
Lotter Industries, Inc.
Water Industries, Inc.
Wagnetic Shield Div. Perfection Mica Co.
Magnetic Shield Div. Perfection Mica Co.
Mica Fabricating Co.
Mica Fabricating Co. Diamonite Products Mfg. Co. Mica Fabricating Co.
Mykroy, Inc.
New England Tape Co., Inc.
Peerless Products Industries
Penn Fibre & Specialty Co., Inc.
Resdel Corp.
Resistoffex Corp.
Saxonburg Ceramics Skytronics
Sparta Mig. Co.
D. M. Steward Mig. Co.
Syrrenant Mig. Co.
Synthane Corp.
TA Mig. Corp.
Tri-Point Plastics, Inc.
Varflex Corp.
Wagner Awning & Mig. Co., The Skytronics

#### Sheets

Allied Plastics Supply Corp.
Auburn Mfg. Co., The
William Brand & Co., Inc.
Connecticut Hard Rubber Co., The
Continental Diamond Fibre Corp., Sub.-Tha Budd Connecticut Hard Rubber Co., The Continental Diamond Fibre Corp., Sui Coning Glass Works
Crain Packing Co.
Coning Glass Works
Crain Packing Co.
Dixon Corp.
Dixon Corp.
Dixon Corp.
Du-Co Ceramics Co.
Electronic Mechanics, Inc.
Emerson & Cuming, Inc.
Emerson & Cuming, Inc.
Emerson Plastics Corp.
Enflo Corp.
Flock Process Co., Inc.
Franklin Fibre-Lamitex Corp.
Franklin Fibre-Lamitex Corp.
Gathe Corp.
Gathe Corp.
General Gasket, Inc.
Gathe Corp.
General Gasket, Inc.
Gathe Corp.
Walter Lee Chemical Corp.
Mica Fabricating Co.
Mycalex Corp. of America
Mykroy, Inc.
New England Laminatas Co., Inc.
Penn Fibra & Specialty Co., Inc.
Penn Fibra & Mig. Co.
Synthana Corp.
Warren Wire Co.

#### Rods

Allied Plastics Supply Corp.
Auburn Mfg. Co., The
Borden Chemical Co., The, Div.-The Borden Co.,
Resinita Dept.
Continental Diamond Fibre Corp., Sub.-The Budd
Co.
Corning Glass Works
Crane Packing Co.
Crystal-X Corp.
Diamonite Products Mfg. Co.
Dixon Corp.
Elactronic Mechanics, Inc.
Emerson & Cuming, Inc.
Emerson & Cuming, Inc.
Emerson Plastics Corp.
Franklin Fibre-Lamitax Corp.
Gathe Corp.
Gunnar Laboratorias
Jodee Plastics Corp.
Walter Lee Chemical Corp.
Marblette Corp., Tha
Mica Fabricating Co.
Mycalex Corp. of America
Mykroy, Inc.
New England Tape Co. Inc.
Pann Fibre & Specialty Co., Inc.
Rasistoflex Corp.
Rex Corp., The
Rubbarcraft Corp. of California
Sparta Mfg. Co.
Synthane Corp.
Tir-Point Plastics Inc.

#### Silicone Rubber

Silicone Rubber

Allied Plastics Supply Corp.
Amatom Electronic Hardware Co. Inc.
Auburn Mfg. Co., Tha
Auburn Spark Plug Co., Inc.
Bacon Industries, Inc.
Chicago-Allis Mfg. Corp.
Connecticut Hard Rubber Co., The
Continental Diamond Fibre Corp., Sub.-The
Budd Co.
Continental Diamond Fibre Corp., Sub.-The
Budd Co.
Continental Rubber Works
Delta Chemical Works, Inc.
Du-Co Ceramics Co.
Eagle-Picher Co., The
Eco Engrg. Co.
Emerson & Comp., The
Eco Engrg. Co.
Emerson & Comp., The
Eco Engrg. Co.
Emerson Plastics Corp.
General Electric Co., Apparatus Sales Div.
General Electric Co., Apparatus Sales Div.
General Electric Co., Apparatus Sales Div.
General Gaskat Inc.
B. F. Goodrich Aviation Products
Hallett Mfg. Co.
Litton Industries, Components Div.
Neosil Products Co.
Pacific Moulded Products Co.
Raybestos-Manhattan, Inc.
Rogers Corp.
Rubbercraft Corp. of California
Silicone Products Dept., General Electric Co.
Skytronics
TA Mfg. Corp.
Varflex Corp.

INSULATORS

Accurate Electronics Corp., Dept, D
Alliad Plastics Supply Corp.
Allburn Spark Plug Co., Inc.
Birnbach Radio Co., Inc.
Birnbach Radio Co., Inc.
Birnbach Radio Co., Inc.
Blook Corp.
Continental Diamond Fibre Corp., Sub. The
Budd Co.
Sorning Glass Works
Dayton Aircraft Products, Inc.
Diamonite Products Mfg. Co.
Dixon Corp.
Emerson & Cuming, Inc.
Emerson & Cuming, Inc.
Emerson Plastics Corp.
Eric Resistor Corp.
Franklin Fibre-Lamitex Corp.
Garde Mfg. Co.
Garke Corp.
Garde Mfg. Co.
Lapp Insulator Co., Inc., Radio Specialties Div.
Walter Lee Chemical Corp.
Maryland Lava Co.
Mycalex Corp. of America
Mykroy, Inc.
Olympic Plastics Co., Inc.,
Peerless Products Industries
Rubbercraft Corp. of California
Saxonburg Ceramics
Silicone Insulation, Inc.
D. M. Steward Mfg. Co.
Synthane Corp.
Tri-Dex Co.
Tri-Point Plastics Inc.
WESTINGHOUSE ELECTRIC CORP.
Wind Turbine Co.
IRON

IRON

American Silver Co. Crucible Steel Co. of America G. M. Dykes Iron Works, Inc. Penn Fibre & Specialty Co., Inc. Republic Steel Corp. Rodney Metals Inc. St. Regis Paper Co.

#### LAMINATES

AMINATES

Alliad Plastics Supply Corp.
American Aerophysics Corp.
Basic Tool Industries, Inc.
Carl Biggs Co.
Bomyte Co., Inc.
Bridgeport Brass Co.
Caltibe Co., Inc.
Continental Diamond Fibre Corp., Sub. The
Budd Co.
Dwyer Engrg. Co., Inc.
Elektronic Mechanics, Inc.
Elektro-Serv Co.
Enerson Plastics Corp.
Franklin Fibre-Lamitex Corp.
Garrett Corp., The, Air Cruisers Div.
Gasket, Packing & Specialty Co. Inc.
Gasket, Packing & Specialty Co. Inc.
Gasket, Packing & Specialty Co.
General Plastics Corp. of New Jersey
Goodyaer Aircraft Corp.
Hastings Plastics Inc.
Ingersoll Kalamazoo Div., Borg-Warner Corp.
Joclin Mfg, Co.
Lamtex Industrias, Inc.
Laach & Garner Co., Industrial Div.
Luminous Resins Inc.
Met-L-Wood Corp.
Mica Corp.

New England Laminates Co., Inc.
Raybestos-Manhattan, Inc.
Reeves Brothers Inc., Vulcan Rubber Products Div.
Rogers Corp.
Silicone Insulation, Inc.
Spaulding Fibra Co., Inc.
Standard Metals Corp.
Swedlow Plastics Co.
Synthane Corp.
Thieblot Aviation Co., Div.-Vitro Corp. of
America
Virginia Plak Co.
Warren Wire Co.

#### LANDING GEAR ASSEMBLIES

LANDING GEAR ASSEMBLIES

\*AMERICAN MACHINE & FOUNDRY CO.
American Steel Foundries, Hammond Div.
Associated Co., Inc.
Bendix Products Div., Bendix Aviation Corp.
Bridgwater Machine Co.
Clary Dynamics
Cleveland Pneumatic Tool Co., The, Div.-Cleveland Pneumatic Industries, Inc.
Cromer Mig. & Engrg., Inc.,
Eaton Mig. Co., Inc., Fredric Flader Div.
G. W. Galloway Co.
\*GREER HYDRAULICS, INC.
Hydra-Power Corp.
Kaiser Aircraft & Electronics Div.-Kaiser Industries Corp.
La Pointe Industries Inc.
\*LYCOMING DIV., AYCO MFG. CORP.
Machine Engrg. Co. Inc.
Modglin Co. Inc.
Parish Pressed Steel, Div.-Dana Corp.
\*RHEEM MFG. CO., AIRCRAFT DIV.
Royal Industries, Inc.
Shaw Metal Products Corp.
Thieblot Aviation Co., Div.-Vitro Corp. of America

Adams Rite Mfg. Co.
Camloc Fastener Corp.
Conax Corp.
Dayton Mfg. Co., Inc.
Enginaered Products Co., The
Walter K. Jaros, Aircrafters
Kaiser Aircraft & Electronics Div.-Kaiser Industries Corp.
Misco Precision Casting Co.
Modglin Co. Inc.
National Lock Co.
Robot Appliances Inc.
Shaw Metal Products Corp.
Simmonds Aerocessories, Inc.
United States Chemical Milling Corp.
United Supply Co.

#### LATHES, BENCH

Clausing Div.-Atlas Press Co. F. W. Derbyshire, Inc. Jones & Lamson Machine Co. R. K. Leblond Machine Tool Co. Rivett Lathe & Grinder Inc.

#### **LEAD & ALLOYS**

ACCURATE Specialties Co. Inc.
Alpha Metals Inc.
American Brake Shoe Co.
Anchor Metal Co. Inc.
Bar-Ray Products, Inc.
Bar-Ray Products, Inc.
Bow Solder Products Co., Inc.
Division Lead Co.
Duroyd Gasket Mfg. Co.
Gasket, Packing & Specialty Co. Inc.
Goldsmith Brothers Smelting & Refining Co.
Johnson Mfg. Co., Inc.

#### LINERS, CAN

Kelsey-Hayes Co. Modglin Co. Inc. Ryan Aeronautical Co. Warren Mfg. Div., Warren Brothers Roads Co.

#### LITHIUM

American Potash & Chemical Corp., National Northern Div.

Bram Metallurgical & Chemical Co.
Foote Mineral Co.
Olin Mathleson Chemical Corp., High Energy
Fuels Div.

#### LOCKNUTS

\*Allmetal Screw Products Co., Inc.
\*AMERICAN MACHINE & FOUNDRY CO.
R. C. Dudek & Co.
Dumont Aircraft Fitting Co.
Dumont Aircraft Fitting Co.
Dumont Aviation Associates
Elastic Stop Nut Corp. of America
Federal Screw Products Inc.
Harf Metal Products Corp.
Harf Metal Products Corp.
Horst Engrg. & Mfg. Co.
Walter K. Jaros, Aircrafters
Kasar Mfg. & Distributing Co., Inc.
Kemp Inc.
Kerns Mfg. Corp.

National Lock Co. Nutt-Shel Co. Rattan Mfg. Co., The Shur-Lok Corp. Standard Locknut & Lockwasher Inc. Standard Pressed Steel Co. United-Carr Fastener Corp. Waterbury Pressed Metal Co., The

#### MAGNESIUM & ALLOYS

Aluminum Corp. of America
American Silver Co.
Barium & Chemicals, Inc.
Barum & Chemicals, Inc.
Bram Metallurgical & Chemical Co.
Delta Chemical Vorks, Inc.
Dow Chemical Co., The
Hahn & Clay
Hart Metal Products Corp.
Light Metals, Inc.
Modglin Co. Inc.

#### MANGANESE

Barium & Chemicals, Inc.
Belmont Smelting & Refining Works, Inc.
Bram Metallurgical & Chemical Co.
Delta Chemical Works, Inc.
Foote Mineral Co.
Metals & Controls Corp.
Modglin Co. Inc.

#### MANIFOLDS, AIR SYSTEM

Allied Research & Engrg., Div.-Allied Record Mfg. Co. American Car & Foundry Div., ACF Industries,

American Čar & Foundry Div., ACF Industries, Inc.

\*AMERICAN MACHINE & FOUNDRY CO.

\*AMERICAN TUBE BENDING CO., INC.

ASsociated Co., Inc.

Auto-Control Labs., Inc.

Beaton & Corbin Mig. Co., The

Bridgwater Machine Co.

Cromer Mig. & Engrg., Inc.

Eaton Mig. Co., Inc., Fredric Flader Div.

Hastings Plastics Inc.,

Kaiser Aircraft & Electronics Div.-Kaiser Industries Corp.

Koehler Aircraft Products Co., Inc.

\*LAYELLE AIRCRAFT CORP.

Misco Precision Casting Co.

Modglin Co. Inc.

Noh Aircraft Corp.

Ryan Aeronautical Co.

Stainless Steel Products, Inc.

Thompson Products, Inc.

Thompson Products, Inc.

Thin Coach Co.-Aircraft Div.

Weber Aircraft Corp.

Wright Aeronautical Div., Curtiss-Wright Corp.

#### MERCURY

Belmont Smelting & Refining Works, Inc.
Bram Metallurgical & Chemical Co.
Delta Chemical Works, Inc.
Dynametrics Corp.
Eastern Smelting & Refining Corp.
Goldsmith Brothers Smelting & Refining Co.
Hammett Electric Co.
Magnetic Shield Div.-Perfection Mica Co.
Philadelphia Scientific Glass Co.
St. Regis Paper Co.
Thompson Products, Inc.

## METAL CLAD SHEETS

METAL CLAD SHEETS

Allied Plastics Supply Corp.
Alpha Metals, Inc.
Aluminum Corp. of America
American Silver Co.
Bram Metallurgical & Chemical Co.
Continental Diamond Fibre Corp., Sub.-The
Budd Co.
Dwyer Engrg. Co., Inc.
Engelhard Industries Inc., D. E. Makepeace Div.
Leach & Garner Co., Industrial Div.
Luria Engrg. Co.
Metals & Controls Corp.
Mica Corp.
Modglin Co. Inc.
New England Laminates Co., Inc.
Revere Copper & Brass Inc.
Synthane Corp.
Synthane Corp.
Techniques, Inc.

#### METAL MACHINING Abalon Precision Mfg. Corp.

Abaion Precision Mig. Colp.
Aerodex, Inc.
Aircraft Fitting Co., The
Aircraft Mechanics, Inc.
Altamil Corp.
American Brass Co., The
American Car & Foundry Div., ACF Industries,

\*AMERICAN MACHINE & FOUNDRY CO.
American Welding & Mfg. Co., The
Ampco Metal, Inc.
Arnolt Corp.
Associated Co., Inc.
Atlantic Instrument Corp., Sub.-American Electronics, Inc.
Basic Tool Industries, Inc.

Bridgwater Machine Co.
J. H. Bunnell & Co.
J. H. Bunnell & Co.
California Aircraft Products
Century Fasteners Corp.
Champion. Airquipment Inc.
C. B. Christiansen Co.
Clausing Div. Atlas Press Co.
\*\*COOPER DEVELOPMENT CORP.
\*\*DALMO VICTOR CO., DIV.-TEXTRON INC.
J. P. DeVine Mfg. Co.
J. P. DeVine Mfg. Co.
Dwyer Engrg. Co., Inc.
G. M. Diehl Machine Works
\*\*DIVERSEY ENGRG. Co.
Dwyer Engrg. Co., Inc., Fredric Flader Div.
Eco Engrg. Co.
Elgin Micronics, West Coast Div.-Elgin National
Watch Co.
Essex Mfg. Co., Inc.
Ex-Cell-O Corp.
Federal Machine Co. Inc.
Freeman Co., The
General Components Inc.
General Findings & Supply Co., Industrial Div.
General Findings & Supply Co., Industrial Div.
General Railway Signal Co.
B. H. Hadley, Inc.
Hahn & Clay
Heldor Mfg. Co., Inc.
Alfred Hofmann & Co.
Hupp Aviation Co.
Hupp Aviation Co.
Hupp Aviation Co.
Hupp Aviation Co.
Jones & Lamson Machine Co.
Kaiser Aircraft & Electronics Div.-Kaiser Industries Corp.
Kellett Aircraft Corp.
Ladish Co.

Kaiser Aircraft & Electronics Div-Kaiser Industries Corp.
Kellett Aircraft Corp.
Kellett Aircraft Corp.
Kellett Aircraft Corp.
Kellett Aircraft Corp.
Kerns Mfg. Corp.
Ladish Co.
Leach & Garner Co., Industrial Div.
Luria Engrg. Co.
Luria Engrg. Co.
Lytle Engrg. & Mfg. Co.
Machine Engrg. Co. Inc.
J. A. Maurer, Inc.
Mechanical Div-General Mills, Inc.
Menasco Mfg. Co.
Mercury Air Parls Co., Inc.
National Airoil Burner Co.
Nuclear Products-Erco. Div.-ACF Industries, Inc.
Onsrud Machine Works, Inc.
Parish Pressed Steel, Div.-Dana Corp.
Paerless Products Industries
Recomman Products Div., Chisholm-Ryder Co., Inc.
Prilico Corp., Government & Industrial Divs.
Phillips Aviation Co.
Process & Instruments
Quick Charge Corp., AlRCRAFT DIV.
Rowe Industries
Ryan Aeronautical Co.
\*SCREW PRODUCTS CORP. OF AMERICA
Seamless Products Corp.
Sheffield Corp., The, Sub.-Bendix Aviation Corp.
Sheffield Corp., The, Sub.-Bendix Aviation Corp.
Shends Metal Products Corp.
Sheffield Corp., The, Sub.-Bendix Aviation Corp.
Stanat Mfg. Co., Inc.
Stanat Mfg. Co., Inc.
Stanat Mfg. Co., Inc.
Twin Coach Co.-Aircraft Div.
Twix Mfg. Co., The
United Shoe Machinery Corp.
United Shoe Machinery Corp.
United Shoe Machinery Corp.
United States Chemical Milling Corp.
Universal Metal Products Inc.
Universal Metal Products Inc.
Weber Aircraft Corp.
Western Arc Welding, Inc.
Westholt Mig. Co.
Wright Aeronautical Div., Curtiss-Wright Corp.

Westhal Parls All Milling Corp.
Western Arc Welding, Inc.
Westholt Mig. Co.
Wright Aeronautical Div., Curtiss-Wright Corp.

#### METAL PARTS

Abalon Precision Mfg. Corp.
Abbott Screw & Mfg. Co.
Accurate Electronics Corp., Dept D
Aerodex, Inc.
Aerolite Electronic Corp.
Amatom Electronic Hardware Co. Inc.
Associated Co., Inc.
Auburn Mfg. Co., The
Bound Brook Oil-less Bearing Co.

Bridgwater Machine Co.
Century Fasteners Corp.
Chicago Screw Co., The, Div.-Standard Screw Co.
Circon Component Corp.
\*COOPER DEYELOPMENT CORP.
\*DALMO VICTOR CO., DIV.-TEXTRON INC.
Eco Engrg. Co.
Federal Machine Co. Inc.
Geartronics Corp.
General Railway Signal Co.
Geunnar Laboratories
B. H. Hadley, Inc.
Hamilton Watch Co., Military Products Div.
Walter K. Jaros, Aircrafters
Kelsey-Hayes Co.
Kemp Inc.
Kerns Mig. Corp.
Keystone Electronics Corp.
\*ELAYEZI MACHINE WORKS
\*LYCOMING DIV., AVCO MFG. CORP.
Lytle Engrg. & Mig. Co.
P. R. Mallory & Co., Inc.
J. A. Maurer, Inc.
Metcury Air Parts Co., Inc.
Metal Masters, Inc.
Metal Masters, Inc.
Metal Masters, Inc.
Medglin Co. Inc.
Henry & Miller Industries, Inc.
Modglin Co. Inc.
Pacific Cut Washer Co.
Peerless Products Industries
Progressive Research & Development Co., Inc.
Rosan, Inc.
Red Metal Products, Inc.
Red Metal Products, Inc.
Red Metal Products, Inc.
Red Metal Products, Inc.
Ryan Aeronautical Co. Raybestos-Manhattan, Inc.
Reid Metal Products, Inc.
Rosan, Inc.
Rosan, Inc.
Rosan, Inc.
Ryan Aeronautical Co.
St. Marys Carbon Co.
\*SCREW PRODUCTS CORP. OF AMERICA
Sinclair Mig. Co.
Smith-Morris Corp.
Standard Metals Corp.
Wm. Steinen Mig. Co.
Standard Metals Corp.
Wm. Steinen Mig. Co.
STAINLESS PROCESSING DIV., WALL COLMONY CORP.
Standard Pressed Steel Co.
Stanley Aviation Corp.
Sylvania Electric Products Inc., Parls Div.
Thieblot Aviation Corp.
Sylvania Electric Products Inc., Parls Div.
Thieblot Aviation Co., Div.-Vitro Corp. of
America
Titan Metal Mig. Co.
Torrington Co., The
Twin Coach Co.-Aircraft Div.
\*\*UNITED AIRCRAFT PRODUCTS, INC.
United Mig. Co., The
United Mig. Co., The
United Shoe Machinery Corp.
Universal Metal Products Inc.
Westholt Mig. Co.
Wickfield, Inc.

\*\*Public Committed Committed Committed Co.
\*\*Public C

#### Bushings

Abbott Screw & Mfg. Co.
Acme Industrial Co.,
Arme Industrial Co.,
Aircraft Fitting Co., The
Amatom Electronic Hardware Co. Inc.
\*\*MERICAN MACHINE & FOUNDRY CO.
American Non Gran Bronze Co.
American Standard Products, Inc.
American Standard Products, Inc.
American Standard Products, Inc.
American Standard Products, Inc.
Bearium Metals Corp.
Bergen Carbide Co.
Bound Brook Oil-less Bearing Co.
Century Fasteners Corp.
Cleveland Graphite Bronze Co., Div.-Clevite
Corp.
Collins Engro. Corp.
Dayton Mfg. Co., Inc.
R. C. Dudek & Co.
Dumont Aircraft Fitting Co.
Dumont Aircraft Fitting Co.
Dumont Aircraft Fitting Co.
Eccell-O Corp.
General Railway Signal Co.
Graphite Metallizing Corp.
Horst Engra, & Mfg. Co.
Walter K. Jaros, Aircrafters
Kasar Mfg. & Distributing Co., Inc.
Kerystone Electronics Corp.
Litton Industries, Components Div.
\*\*YYCOMING DIV., AVCO MFG. CORP.
Magnetic Shield Div.-Perfection Mica Co.
Orage Roller Bearing Co., Inc.
Retann Mfg. Co., The
Rosan, Inc.
St. Marys Carbon Co.
St. Marys Carbon Co.
Screw PRODUCTS CORP. Of AMERICA
Seamless Products Industries
True Alloys Inc.
Rosan, Inc.
St. Marys Carbon Co.
\*\*CCREW PRODUCTS CORP. OF AMERICA
Seamless Products Co., Inc.
Sprinclair Mfg. Co.
Superior Carbon Products, Inc.
Waltham Screw Co.
Wought Washer Mfg. Co.

#### Powdered

Journal of the control of the contro

Kaypesros-Mannartan, Inc.
\$1. Marys Carbon Sin. G DIV., WALL COLMONOY CORP.
Stewart-Warner Corp.
Superior Carbon Products, Inc.
Thompson Products, Inc.
\$1. K., Wellman Co., The

\*WESTINGHOUSE ELECTRIC CORP.

#### Screw Machine

Abalon Precision Mfg. Corp. Abbott Screw & Mfg. Co. Acme Industrial Co. Acro Supply Mfg. Co., Inc. Affiliated Screw Products Co. Aircraft Fitting Co., The Aluminum Co. of America Amatom Electronic Hardware AMERICAN MACHINE Aluminum Co. of America
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\*AMERICAN MACHINE & FOUNDRY CO.
American Non Gran Bronze Co.
American Standard Products, Inc.
Arnolt Corp.
Associated Co., Inc.
Auburn Spark Plug Co., Inc.
\*AYCO MFG. CO., CROSLEY DIV.
Brighton Tool & Die Co.
Briles Mig.
J. H. Bunnell & Co.
Century Fasteners Corp.
Chicago Screw Co., The, Div. Standard Screw

Chicago Screw Co., The, D'Co.
Circon Component Corp.
Clark Equipment Co.
Coaxial Connector Co. Inc.
Connector Corp. of America
Corbin Products Div.
Dalmore Corp.
Dayton Mfg. Co., Inc.
Dill Mfg. Co., The
Dumont Aircraft Fitting Co.

Dumont Aviation Associates
Eco Engrg, Co.
Electronic Techniques, Inc.
Elgin Micronics, West Coast Div.-Elgin National
Watch Co.
Engineered Products Co., The
Ex-Cell-O Corp.
Federal Screw Products Inc.
Freeman Co., The
Geartronics Corp.
General Components Inc.
General Findings & Supply Co., Industrial Div.
General Failway Signal Co.
Goe Engrg, Co.
Graflex, Inc. Dumont Aviation Associates

Graflex, Inc.
Hamilton Watch Co., Military Products Div.
HARTFORD MACHINE SCREW CO., DIV.
STANDARD SCREW CO.
Heldor Mig. Co., Inc.
Alfred Hofmann & Co.
Horst Engrg. & Mig. Co.
Walter K. Jaros, Aircrafters
Jones & Lamson Machine Co.
Kasar Mig. & Distributing Co., Inc.
Leach & Garner Co., Industrial Div.
Litton Industries, Components Div.
J. A. Maurer, Inc.
Mercury Air Parts Co., Inc.
National Airoil Burner Co.
National Lock Co.
Pic Design Corp., Sub.-Benrus Watch Co., Inc.
Peerless Products Industries
Philco Corp., Government & Industrial Divs.
H. K. Porter Inc.
Precise Instrument Parts Co., A Corp.
Research Davelopment S. Co., A Corp.

H. K. Porter Inc.
Precise Instrument Parts Co., A Corp.
Research Development Mfg. Inc.
Richards Electrocraft, Inc.

Rosan, Inc. \*SCREW PRODUCTS CORP. OF AMERICA Seamless Products Co., Inc. Sinclair Mfg. Co. Skinner Precision Products Skinner Precision Products
Herman D. Steel Co.
Wm, Steinen Mfg. Co.
Strevens Walden Inc.
Suffolk Products Corp.
Standard Locknut & Lockwasher Inc.
Sundstrand Turbo Div., Sundstrand Machine Standard Locknut & Lockwasher Inc.
Sundstrand Turbo Div., Sundstrand Machine
Tool Co.
Standard Pressed Steel Co.
Technical Oil Tool Corp.
Titan Metal Mfg. Co.
Torrington Co., The
\*\*UNITED AIRCRAFT PRODUCTS, INC.
United Mfg. Co., The
Waltham Screw Co.
Western Automatic Machine Screw Co., Div.
Standard Screw Co.

Wilmar Mfg. Co., Inc. Winchester-West. Div. Olin Mathieson Chem. Corp.
Winder Aircraft Corp. of Fla.
Wright Aeronautical Div., Curtiss-Wright Corp.

#### Small Metal Stampings

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Abalon Precision Mfg, Corp.
Ababon Precision Mfg, Corp.
Abbott Screw & Mfg, Co.
Accurate Electronics Corp., Dept. D
Accurate Specialties Co., Inc.
Acme Mfg, & Gasket Co.
Aerodex, Inc.
Aerolite Electronics Corp.
Aircraft Mechanics, Inc.
Alpha Metals, Inc.
Aluminum Co. of America
Amatom Electronic Hardware Co. Inc.
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American Car & Foundry Div., ACF Industries, Inc.

American Car & Foundry Div., ACF Industries, Inc.

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Anchor Metal Co. Inc.

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Augast Brothers, Inc.

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Blaco Mig. Co.

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Corbin Products Div.

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J. P. DeVine Mig. Co.

DIII Mig. Co., The

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Dumont Aviation Associates

G. M. Dykes Iron Works, Inc.

Electronic Techniques, Inc.

Elegin Micronics, West Coast Div.-Elgin National

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Gasket Mig. Co. Inc.

Gasket Mig. Co. Inc.

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Pacific Cut Washer Co.
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Paul & Beekman, Inc.
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Permax Products Div., Chisholm-Ryder Co., Inc.
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Progressive Research & Development Co., Inc.
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Sylvania Electric Products Inc., Parts Div.
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Twix Mg. Co., Inc.
Ucinite Co., The, Div.-United-Carr Fastener

Twix Mfg. Co., Inc.
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AIRCRAFT PRODUCTS, INC.
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Spinnings

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Clark-Aiken Co., The
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Trimmings

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Pic Design Corp., Sub.-Benrus Watch Co., Inc.
St. Marys Carbon Co.

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American Silver Co. Bram Metallurgical & Chemical Co. Crucible Steel Co. of America Metals & Controls Corp.

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California Aircraft Products
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J. P. DeVine Mfg. Co.
Drilube Co.
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Goodyear Aircraft Corp.
Hamilton Watch Co., Military Products Div.
Harf Metal Products Corp.
Ingersoll Kalamazoo Div., Borg-Warner Corp.
Longren Aircraft Co., Inc.
Modglin Co. Inc.
National Forge & Ordnance Co.
Papesch & Kolstad, Inc.
Parish Pressed Steel, Div.-Dana Corp.
\*\*RHEEM MFG. CO., AIRCRAFT DIV.
Rodney Metals Inc.
Skinner Precision Products
Standard Metals Corp.
Sundstrand Turbo Div., Sundstrand Machine
Tool Co.

Standard Metals Corp.
Sundstrand Turbo Div., Sundstrand Machine
Tool Co.
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\*C. W. TORNGREN CO., INC.
Turco Products, Inc.
United Shoe Machinery Corp.
Utica Drop Forge & Tool Div.-Kelsey Hayes Co.
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Emerson Electric Mfg. Co., The, Electronics & Avionics Div.
Finn Aeronautical Div., T. R. Finn & Co., Inc.
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Hahn & Clay
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Kelsey-Hayes Co.
\*\*LAVELLE AIRCRAFT CORP.
Longren Aircraft Co., Inc.
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Inc. Machine Engrg. Co., Inc.
R. C. Mahon Co., The
Modglin Co., Inc.
National Coil Co.
Nuclear Products Erco, Div. ACF Industries, Inc.
Opelita Welding, Machine, & Supply Inc.
Parish Pressed Steel, Div. Dana Corp.
Paul & Beekman, Inc.
Peterson & Neville Inc.
Republic Aviation Corp., Guided Missiles Div.
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Reyn Horomatical Co.
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Worlden Co., Curties-Wright Corp.

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#### MOLDERS, PLASTIC

MOLDERS, PLASTIC

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Ailden Products Co.
Ailden Plastics Supply Corp.
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American Agile Corp.
Calfibe Ce, Inc.
Connector Corp.
Dale Products, Inc.
Dayton Aircraft Products, Inc.
Dimco-Gray Co.
Dittmore-Freimuth Corp.
Eco Engra, Co.
Electric Auto-Lite Co., The
Electric Development Co.
Emeloid Co., Inc., The
Emerson Plastics Corp.
Erie Resistor Corp.
Filuorocarbon Co., Inc., The
Garde Mfg, Co.,
General Railway Signal Co.
Goodyear Aircraft Corp.
Walter J. Hyatt Co., The
Hydro Molding Co. Inc., The
Hydro Molding Co. Inc.
Jolin Mfg, Co.
Jodin Mfg, Co.
John Star Plastics Co.
NONE STAR PLASTICS CO. INC.
Resdel Corp.
Sylvania Electric Products Inc., Parts Div.
Thompson Products, Inc.
Walerbury Companies, Inc.

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Anachrome Corp.
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Bram Metallurgical & Chemical Co.
Delta Chemical Works, Inc.
Eisler Engrg, Co., Inc.
Eimet Div.North American Philips Co., Inc.
Fansteel Metallurgical Corp.
P. R. Mallory & Co. Inc.
Marquardt Aircraft Co.

#### MONEL

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American Welding & Mfg. Co., The
Bender Smelting & Refining Works, Inc.
J. Bishop & Co. Platinum Works
Bram Metallurgical & Chemical Co.
Delta Chemical Works, Inc.
Wilbur B. Driver Co.
G. M. Dykes Iron Works, Inc.
Hahn & Clay

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Allied Engraving & Stamping Co.
Allied Plastics Supply Corp.
\*AMERICAN MACHINE & FOUNDRY CO.
Alloric Foundary Co. Allied Plastics Supply Corp.

\*\*AMERICAN MACHINE & FOUNDRY CO.

Atlantic Engravers Inc.
Bendix Aviation Corp., York Div.
W. H. Brady Co.
Canadian Radium & Uranium Corp.
Cleveland Metal Specialties Co.
Continental Diamond Fibre Corp., Sub. The
Budd Co.
Crystal-X Corp.
Electric Auto-Lite Co., The
Emerson Plastics Corp.
Electric Auto-Lite Co., The
Emerson Plastics Corp.
Hoover Electronics Co.
Industrial Engravers Inc.
Norsid Mfg. Co., Inc., The
Walter K. Jaros, Aircrafters
Jodee Plastics Co.
Lytle Engrg. & Mfg. Co.
Meyercord Corp.
Skinner Precision Products
Sohl Co., The
South Shore Nameplate Inc.
Techniques, Inc.
Topflight Corp.
E. F. Twomey Co., Inc.
United States Radium Corp.
Virginia Plak Co.

NAVIGATION DOMES

#### NAVIGATION DOMES

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Budd Co.
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Goodyear Aircraft Corp.
Kaiser Aircraft & Electronics Div.-Kaiser Industries Corp.
Microwave Electronics Div., Sperry Gyroscope Co.
Sohl Co., The
Swedlow Plastics Co,
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Universal Unlimited, Inc.

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Mfg. Co.
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Belmont Smelting & Refining Works, Inc.
J. Bishop & Co. Platinum Works
Bram Metallurgical & Chemical Co.
Cohan Epner Co., Inc.
Delta Chemical Works,
Wilbur B. Driver Co.
Leach & Garner Co., Industrial Div.
Sel-Rex Corp.
Vacuum Metals Corp., Div.-Crucible Steel Co. of
America

#### NUCLEAR SHIELDING, LEAD

\*AMERICAN MACHINE & FOUNDRY CO. Anchor Metal Co. Inc. Delta Chemical Works, Inc. Division Lead Co. G. W. Galloway Co. Gasket, Packing & Specialty Co., Inc. Nuclear Corp. of America, Inc. Radiation Counter Labs., Inc. Zippertubing Co., The

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\*AMERICAN MACHINE & FOUNDRY CO.

Boots Aircraft Nut Corp.
Briles Mfg.
Circon Component Corp.

\*COOPER DEVELOPMENT CORP.
Corbin Products Div.
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Elastic Stop Nut Corp. of America
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Goe Engrq. Co.
Heldor Mfg. Co., Inc.,
Horst Engrg. & Mfg. Co.
Hydro Molding Co., Inc.
Waiter K. Jaros, Aircrafters
Kasar Mfg. & Distributing Co., Inc.
Kemp Inc.

Nutt-Shel Co. Republic Steel Corp. Rosan, Inc. Tinnerman Products, Inc. United-Carr Fastener Corp.

#### OXIDE, ALUMINUM

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Anadire Inc.
B G Corp., The
Corning Glass Works
Delta Chemical Works, Inc.
Diamonite Products Mfg. Co.
Wilbur B. Driver Co.
Electronic Mechanics, Inc.
Morganite, Inc.
Morganite, Inc.
Norton Co.
Thermo Materials, Inc.
Western Gold & Platinum

AINT, METALLIC

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Anachrome Corp.

Avandale Co., The

Samuel Cabot Inc.

Delta Chemical Works, Inc.

Fidelity Chemical Products Corp.

General Cement Mfg. Co., Div.-Textron Inc.

Handy, & Harman

Industrial Metal Protectives, Inc.

Krylon, Inc.

Luminous Resins Inc.

Midland Paint & Varnish Co., The

Vorac Co., The

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J. Bishop & Co. Platinum Works
Bram Metallurgical & Chemical Co.
Cohan Epner Co. Inc.
Delta Chemical Works, Inc.
Wilbur B. Driver Co.
Eastern Smelting & Refining Corp.
Electro Tec Corp., Virginia Div.
Electro Tec Corp., Virginia Div.
Gibson Electric Co.
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Harper-Leader, Inc.
Leach & Garner Co., Industrial Div.
Metals & Controls Corp.
Precision Electroplating Co.
Sel-Rex Corp.
Standard Metals Corp.
Tricon Mfg. Co.
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#### **PHENOLICS**

Acheson Colloids Co., Div.-Acheson Industries, Inc.
Inc.
Aircraft Standards, Inc.
Allied Plastics Supply Corp.
American Aerophysics Corp.
Auburn Mig. Co., The
N. S. Baer Co.,
Continental Diamond Fibre Corp., Sub.-The
Budd Co.
Delta Chemical Works, Inc.
Dow Chemical Co., The
Eliay Corp.
Emerson Plastics Corp.
Franklin Fibre-Lamitex Corp.
Hastings Plastics Inc.
Illumitronic Engrg. Co.
Joclin Mig. Co.
Joclehe Chemical Corp.
Marblette Corp., The
New England Laminates Co., Inc.
Olympic Plastics Co., Inc.
Pacific Moulded Products Co.
Print Loid Inc.
Reichhold Chemicals, Inc.
Rogers Corp.
St. Regis Paper Co.
Silicone Insulation, Inc.
Spaulding Fibre Co., Inc.
Syaulding Fibre Co., The
Waterbury Companies, Inc.
Waterbury Companies, Inc.
Waterbury Companies, Inc.
Westlake Plastics, CrystalX Corp. Acheson Colloids Co., Div.-Acheson Industries,

#### PINS, TUBULAR

American Brass Co., The
Century Fasteners Corp.,
Champion Airquipment Inc.,
Connector Corp.,
Confinental Diamond Fibre Corp.,
Sub.-The
Budd Co.,
Corbin Products Div.,
Diamonite Products Div.,
Dumont Aviation Associates
Elastic Stop Nut Corp. of America
Fromson Orban Co., Inc.,
Walter K., Jaros, Aircrafters
Keystone Electronics Corp.

Luminous Resins Inc. Metal: Forming Corp. Orange Roller Bearing Co., Inc. Roll Formed Products Co. Standard Pressed Steel Co. United States Steel Corp.

#### PLASTIC

Allied Plastics Supply Corp.
Amercian Aerophysics Corp.
Auburn Mfg. Co., The
Bios Labs. Inc.
Crown Industrial Products Co.
Crystal-X Corp.
Duracote Corp.
Electric Auto-Lite Co., The
Emerson & Cuming, Inc.
Emerson Plastics Corp.
Gunnar Laboratories
Hammett Electric Co.
Hydro Molding Co. Inc.
Illumitronic Engrg. Co.
Jodee Plastics Co.,
Walter Lee Chemical Corp.
Medillan Industrial Corp.
Medillan Industrial Corp.
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St. Regis Paper Co.
Swedlow Plastics Co.
Synthane Corp.
Topper Mfg. Co., Inc.
Truxton Industries, Inc.
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#### Acrylic

Allied Plastics Supply Corp. Aristocrat Plastics, Inc. Arrowhead Products, Div.—Federal-Mogul-Bower Bearings, Inc. Arrowhead Products, Div. - reads to Bearings, Inc.
Bios Labs., Inc.
Bios Labs., Inc.
Bios Labs., Inc.
Branch MoLDING CORP.
Chicago Molded Products Corp.
Crystal-X Corp.
Eliay Corp.
Eliay Corp.
Engineered Plastics, Inc.
General Cement Mig. Co., Div. Textron Inc.
Illumitronic Engrg. Co.
Jodee Plastics Co.
Thomas J. Long, Inc.
Plastic Age Sales, Inc.
Swedlow Plastics Co.
Truxton Industries, Inc.
United Supply Co.
Waterbury Companies, Inc.
Westlake Plastics, CrystalX Corp.

#### Allyls

Bios Labs., Inc. Crystal-X Corp. Emerson Plastics Corp. General Cement Mfg. Co., Div.-Textron Inc. Plastic Age Sales, Inc. Swedlow Plastics Co.

#### Cellulose Acetate

#### Cellulose Acetate Butyrate

Cellulose Acetate Butyrate

Allied Plastics Supply Corp.
Aristocrat Plastics, Inc.
Auburn Mfg. Co., The
N. S. Baer Co.
Bios Labs., Inc.
\*\*BROOK MOLDING CORP.
Chicago Molded Products Corp.
Eastman Kodak Corp.
Emerson Plastics Corp.
Fidelity Chemical Products Corp.
General Gasket Inc.
General Plastics Corp. of Indiana
Jodee Plastics Corp. of Indiana
Jodee Plastics Corp. of Inc.
Plastic Age Sales, Inc.
Plastic Age Sales, Inc.
Truxton Industries, Inc.
Waterbury Companies, Inc.
Waterbury Companies, Inc.
Wastern Coating Co.
Westlake Plastics, CrystalX Corp.

#### Cellulose Nitrate

Allied Plastics Supply Corp.
Bios Labs., Inc.
Chicago Molded Products Corp.
General Gasket Inc.
Hercules Powder Co.
Horsey, Robson & Co., Inc.
Jodee Plastics Co.
Plastic Age Sales, Inc.
Science House, Inc.

#### Ceramic-Plastic Combinations

Ceramic-Plastic Combinations

Allied Plastics Supply Corp.

Arrowhead Products Div., Federal-Mogul-Bower
Bearings, Inc.
Bendix Products Div., Bendix Aviation Corp.

Bios Labs., Inc.
Electric Auto-Lite Co., The
Emerson & Cuming, Inc.
Emerson Plastics Corp.
Joclin Mfg. Co.
Lebec Chemical Corp.
McMillan Industrial Corp.
Plastic Age Sales, Inc.
Resdel Corp.
Resdel Corp.
Rogers Corp.
Topper Mfg. Co., Inc.

#### **Epoxy Resins**

Acheson Colloids Co., Div.-Acheson Industries, Inc.
Inc.
Alicraft Standards, Inc, Allied Plastics Supply Corp.
Afries Laboratories, Inc.
Arrowhead Products, Div.—Federal-Mogul-Bower Bearings, Inc.
Auburn Mfg. Co., The
N. S. Baer Co.
Carl Biggs Co.
Bios Labs., Inc.
Cordo Molding Products, Inc.
Dennis Chemical Co., The
Duracote Corp.
Electric Power Door Co., Inc.
Emerson & Luming, Inc.
Emerson & Luming, Inc.
Emerson Plastics Corp.
Furane Plastics, Inc.
Hastings Plastics Inc.
Joclin Mfg. Co.
Lamtex Industries, Inc.
Marblette Corp., The
New England Tape Co. Inc.
Plastic Age Sales, Inc.
Quick Charge Corp.
St. Regis Paper Co.
Smooth-On Mfg. Co.
Smooth-On Mfg. Co.
Swedlow Plastics Co.
Synthane Corp.
Ielectro Industries Corp.
Ielectro Industries, Inc.
Iruxton Industries, Inc.
Label Corp.

Establ Collulace Acheson Colloids Co., Div.-Acheson Industries,

#### Ethyl Cellulose

Allied Plastics Supply Corp.
Bios Labs., Inc.
\*\*\*RROK MOLDING CORP.
Chicago Molded Products Corp.
Crystal-X Corp.
Flastics Powder Co.
Jodee Plastics Co.
Plastic Age Sales, Inc.
Seal-Pel, Inc.
Waterbury Companies, Inc.
Western Coating Co.
Westlake Plastics, CrystalX Corp.

#### Fiber Glass

Fiber Glass

Aircraft Standards, Inc.
Allied Plastics Supply Corp.
Amercoat Corp.
Aristocraf Plastics, Inc.
Arrowhead Products, Div.—Federal-Mogul-Bower
Bearings, Inc.
BROOK MOLDING CORP.
Calfibe Co., Inc.
Coast Mfg. & Supply Co.
Cordo Molding Products, Inc.
PDALMO VICTOR Co., DIV.-TEXTRON INC.
Duracote Corp.
Emerson Plastics Corp.
Garrett Corp., The, Air Cruisers Div.
Goodyear Aircraft Corp.
Hampden Brass & Aluminum Co.
Hastings Plastics Inc.
Joclin Mfg. Co.
Jodee Plastics Co.
D. S. Kennedy & Co.
D. S. Kennedy & Co.
Walter Kidde & Co., Inc., Aviation Div.
Lamtex Industries, Inc.
McMillan Industrial Corp.
New England Laminates Co., Inc.
Olin Mathieson Chemical Corp., High Energy
Fuels Div.
Plastics Age Sales, Inc.

Quick Charge Corp.
Resdel Corp.
St. Regis Paper Co.
Saylor Electric Products Corp.
Skydyne Inc.
Swedlow Plastics Co.
H. I. Thompson Fiber Glass Co.
Thompson Products, Inc.
Truxton Industries, Inc.
Waterbury Companies, Inc.

#### Fluorocarbons

Allied Plastics Supply Corp. Auburn Mfg. Co., The Bios Labs., Inc. Continental Diamond Fibre Corp., Sub.-The Bios Labs., Inc.
Continental Diamond Fibre Corp., Sub.-The
Budd Co.
Crane Packing Co.
Crystal-X Corp.
Dixon Corp.
Electric Power Door Co., Inc.
Emerson & Cuming, Inc.
Emerson & Cuming, Inc.
Emerson Plastics Corp.
Filorocarbon Co., Inc., The
General Gasket Inc.
General Plastics Corp. of New Jersey
Joclin Mfg. Co.
Olin Mathieson Chemical Corp., High Energy
Fuels Div.
Plastic Age Sales, Inc.
Resistoflex Corp., Exchange Corp.
Rex Corp., The
Rogers Corp.
Sparta Mfg. Co., Inc.
Westlake Plastics, CrystalX Corp.

#### Melamine Formaldehyde

Melamine Formaldehyde
Allied Plastics Supply Corp.
\*\*BROOK MOLDING CORP.
Chicago Molded Products Corp.
Continental Connector Corp.
Continental Diamond Fibre Corp., Sub.-The
Budd Co.
Crystal-X Corp.
Emerson Plastics Corp.
Engineered Plastics, Inc.
Lebec Chemical Corp.
Plastic Age Sales, Inc.
St. Regis Paper Co.
Spaulding Fibre Co., Inc.
Synthane Corp.
Truston Industries, Inc.
Waterbury Companies, Inc.

#### Mica-Plastic Combinations

Allied Plastics Supply Corp.
\*\*ROOK MOLDING CORP.
Connector Corp.
Continental Connector Corp.
Continental Diamond Fibre Corp., Sub.-The
Budd Co.
Emerson Plastics Corp.
Magnetic Shield Div.-Perfection Mica Co.
Mica Fabricating Co.
New England Laminates Co., Inc.
Penn Fibre & Specialty Co., Inc.
Plastic Age Sales, Inc.
Reichhold Chemicals, Inc.

#### Phenolics

Phenolics

Acheson Colloids Co., Div.-Acheson Industries, Inc., Aircraft Standards, Inc., Aircraft Standards, Inc., Aircraft Standards, Inc., Allied Plastics Supply Corp., American Brake Shoe Co., Arrowhead Products, Div.—Federal-Mogul-Bower Bearings, Inc., Auburn Mig., Co., The N. S. Baer Co., Bios Labs., Inc., BROOK MOLDING CORP. Chicago Molded Products Corp., Continental Diamond Fibre Corp., Continental Diamond Fibre Corp., Sub.-The Budd Co., Crystal-X Corp., Continental Connector Corp., Continental Connector, Corp., Goodyear Aircraft Corp., Goodyear Aircraft Corp., Goodyear Aircraft Corp., Gaive Corp., Lastings Plastics, Inc., Illumitronic Engrg., Co., Jodee Plastics Co., Lebec Chemical Corp., Thomas J. Long, Inc., Marblette Corp., The Mica Fabricating Co., New England Laminates Co., Inc., Plastic Age Sales, Inc., Reichhold Chemicals, Inc., Rogers Corp. Acheson Colloids Co., Div.-Acheson Industries,

St. Regis Paper Co.
Science House, Inc.
Spaulding Fibre Co., Inc.
Superior Carbon Products, Inc.
Swedlow Plastics
Synthane Corp.
Waterbury Companies, Inc.
\*WESTINGHOUSE ELECTRIC CORP.

#### Polyester

Allied Plastics Supply Corp. Arrowhead Products, Div.—Federal-Mogul-Bower Bearings, Inc. Auburn Mfg. Co., The N. S., Bear Co. Auburn Mfg S. Baer

N. S. Baer Co.
Bios Labs., Inc.
\*\*\*BROOK MOLDING CORP.
Chicago Molded Products Corp.
Continental Diamond Fibre Corp., Sub.-The Chicago Molded Products Corp.

Budd Co.
Emerson & Cuming, Inc.
Emerson Plastics Corp.
Garrett Corp., The, Air Cru'sers Div.
Goodyear Aircraft Corp.
Hastings Plastics Inc.
Koppers Co., Inc.
Lamtex Industries, Inc.
Mica Fabricating Co.
Penn Fibre & Specialty Co., Inc.
Plastic Age Sales, Inc.
Resdel Corp.
St. Regis Paper Co.
Science House, Inc.
Sierracin Corp., The
Smooth-On Mig. Co.
Swedlow Plastics Co.
Telectro Industries Corp.
Truxton Industries, Inc.

#### Polyethylene

Allied Plastics Supply Corp.
American Agile Corp.
Aristocrat Plastics, Inc.
Auburn Mfg. Co., The
Bios Labs., Inc.

Aristocrat Plastics, Inc.
Auburn Mfg. Co., The
Bios Labs., Inc.
Catalin Corp., of America
Chicago Molded Products Corp.
Catalin Corp., of America
Chicago Molded Products Corp.
Crystal:X Corp.
Dow Chemical Co., The
Emerson Plastics Corp.
Garrett Corp., The, Air Cruisers Div.
General Gasket Inc.
General Plastics Corp. of Indiana
Goodyear Aircraft Corp.
Hercules Powder Co.
Illumitronic Engrg. Co.
Jodee Plastics Co.
Koppers Co., Inc.
Thomas J. Long, Inc.
Mica Fabricating Co.
New England Tape Co. Inc.
Olin Mathieson Chemical Corp., High Energy
Fuels Div.
Plastic Age Sales, Inc.
Reeves Brothers Inc., Vulcan Rubber Products
Div.
Rex Corp., The
St. Regis Paper Co.
Science House, Inc.
Truxton Industries, Inc.
Varflex Corp.
Waterbury Companies, Inc.
Westlake Plactics, CrystalX Corp.

#### Polystyrene

Polystyrene

Allied Plastics Supply Corp.
Aristocrat Plastics Inc.
Bios Labs., Inc.
\*\*BROOK MOLDING CORP.
Catalin Corp. of America
Chicago, Molded Products Corp.
Crystal-X Corp.
Dow Chemical Co., The
Emeloid Co. Inc., The
Emerson & Cuming, Inc.
Emerson Plastics Corp.
Garrett Corp., The, Air Cruisers Div.
General Plastics Corp. of Indiana
Gunnar Laboratories
Illumitronic Engrag. Co.
Jodee Plastics Co.
Mica Fabricating Co.
Mica Fabricating Co.
Mica Fabricating Co.
New England Tape Co. Inc.
Plastic Age Sales, Inc.
Rex Corp., The
St. Regis Paper Co.
Swedlow Plastics Co.
Topper Mig. Co., Inc.
Truston Industries, Inc.
Waterbury Companies, Inc.
Waterbury Companies, Inc.
Westlake Plastics, CrystalX Corp.

#### Polytrifluorochlorethylene

Allied Plastics Supply Corp. Aristocrat Plastics, Inc. Auburn Mfg. Co., The

Bios Labs. In.

\*BROOK MOLDING CORP.
Chicago Gasket Co.
Crystal-X Corp.
Emerson Plastics Corp.
Fluorocarbon Co. Inc., The
General Plastics Corp. of New Jersey
Halogen Insulator & Seal Corp
Joclin Mfg. Co.
Jodee Plastics Co.
Walter Lee Chemical Corp.
Plastic Age Sales, Inc.
Resistoflex Corp.
Rex Corp., The
Westlake Plastics, CrystalX Corp.

#### Reinforced

Reinforced

Air Logistics Corp.
Allied Plastics Supply Corp.
Amercoat Corp.
Arrowhead Products, Div.—Federal-Mogul-Bower
Bearings, Inc.
Bios Labs., Inc.
\*BROOK MOLDING CORP.
Calfibe Co., Inc.
Continental Diamond Fibre Corp., Sub. The
Budd Co.
\*DALMO VICTOR CO., DIV.-TEXTRON INC.
Dayton Aircraft Products, Inc.
Duracote Corp.
Emerson & Cuming, Inc.
Emerson Plastics Corp.
Enflo Corp.
Garke Corp.
Hampden Brass & Aluminum Co.
Hastings Plastics Inc.,
Joclin Mfg. Co.
Lamtex Industries, Inc.
McMillan Industrial Corp.
Penn Fibre & Specialty Co., Inc.
Plastic Age Sales, Inc.
Resdel Corp.
Silicone Insulation, Inc.
Swedlow Plastics Co.
Synthane Corp.
H. I. Thompson Fiber Glass Co.
Thompson Products, Inc.
\*WESTINGHOUSE ELECTRIC CORP.

#### Silicones

Allied Plastics Supply Corp.
Arrowhead Products, Div.—Federal-Mogul-Bower Bearings, Inc.
Auburn Mfg. Co., The
Bios Labs., Inc.
Continental Diamond Fibre Corp., Sub. The
Budd Co.
Continental Rubber Works
Darcoid Co., Inc., The
Dayton Aircraft Products, Inc.
Duroyd Gasket Mfg. Co.
Emerson & Cuming, Inc.
Emerson Plastics Corp.
Garrett Corp., The, Air Cruisers Div.
General Cement Mfg. Co., Div.-Textron Inc.
General Gasket Inc.
Isolantile Mfg. Corp.
Joclin Mfg. Co.
Pacific Moulded Products Co.
Plastic Age Sales, Inc.,
Rogers Corp.
Rubbercraft Corp. of California
St. Regis Paper Co.
Silicone Insulation, Inc.
Silicone Products Dept.,
Silicone Products Co.
Synthane Corp.
Swedlow Plastics Co.
Synthane Corp.
Western Felt Works

#### Styrene

Allied Plastics Supply Corp.
Aristocrat Plastics, Inc.
Bios Labs, Inc.
\*\*BROOK MOLDING CORP.
Catalin Corp. of America
Chicago Molded Products Corp.
Crystal-X Corp.
Emerson & Cuming, Inc.
Emerson Plastics Corp.
Jodee Plastics Corp.
Jodee Plastics Corp.
Loc.
Koppers Co., Inc.
Plastic Age Sales, Inc.
Truston Industries, Inc.
Waterbury Companies, Inc.
Westlake Plastics, CrystalX Corp.

#### Tetrafluoroethylene Resin

Acheson Colloids Co., Div.-Acheson Industries, Acheson Colloids Co., Div.-Acheso Inc.
Allied Plastics Supply Corp.
Auburn Mfg. Co., The
Bios Labs. Inc.
\*BROOK MOLDING CORP.
Chicago Gasket Co.,
Chicago Molded Products Corp.

Crystal-X Corp.
Eco Engra Co.
Emerson Plastics Corp.
Enflo Corp.
Flexrock Co.
Fluorocarbon Co. Inc., The
Halogen Insulator & Seal Corp.
Illumitronic Engra Co.
Joclin Mfg. Co.
Valter Lee Chemical Corp.
J. E. Menaugh Co.
Plastic Age Sales, Inc.
Rex Corp., The
Science House, Inc.
Sparta Mfg. Co.

#### Urea Formaldehyde

Allied Plastics Supply Corp. Allied Plastics Supply Corp.
Bios Labs., Inc.
\*BROOK MOLDING CORP.
Chicago Molded Products Corp.
Lebec Chemical Corp.
Plastic Age Sales, Inc.
Reichhold Chemicals, Inc.
Waterbury Companies, Inc.

#### Vinyl

Allied Plastics Supply Corp.
Applied Design Co.
Aristocrat Plastics, Inc.
Auburn Mig. Co., The
Carl Biggs Co.
Bios Labs., Inc.
Borden Chemical Co., The, Div. The Borden Co.,
Resinite Dept.
Resinite Dept. Borden Chemical Co., The, Div. The Borden C Resinite Dept.

\*\*BROOK MOLDING CORP.
Dennis Chemical Co.
Duracote Corp.
Emeloid Co. Inc., The
Emerson Plastics Corp.
General Gasket Inc.,
B. F. Goodrich Industrial Products Co.
Jodee Plastics Co.
Lebec Chemical Corp.
Penn Fibre & Specialty Co., Inc.
Plastic Age Sales, Inc.
Rubatex Div., Great American Industries Inc.
E. F. Timme & Son, Inc.
Truxton Industries, Inc.
Varilex Corp.
Virginia Plak Co.
Waterbury Companies, Inc.
Western Coating Co.
Westlake Plastics, CrystalX Corp.
Wrought Washer Mfg. Co.
Zippertubing Co., The

#### PLASTICS FABRICATORS AND **FINISHERS**

PLASTICS FABRICATORS AND FINISHERS

ACF Industries, Inc., Advanced Products Div. Accurate Electronics Corp., Dept. D
Aerolite Electronics Corp., Dept. D
Aerolite Electronics Corp., Air Logistics Corp.
Air Logistics Corp.
Airlyte Electronics Co., Allied Engraving & Stamping Co.
Allied Engraving & Stamping Co.
Allied Plastics Supply Corp.
American Aerophysics Corp.
American Agile Corp.
Aristocrat Plastics, Inc.
Arowhead Products, Div.—Federal-Mogul-Bower
Bearings, Inc.
Arowhead Products, Div.—Federal-Mogul-Bower
Bearings, Inc.
Auburn Mfg. Co., The
N. S. Baer Co.
Basic Tool Industries, Inc.
Calfibe Co., Inc.
Chicago Gasket Co.
Chicago Gasket Co.
Chicago Molded Products Corp.
Connector Corp.
Connector Corp.
Continental Diamond Fibre Corp., Sub-The
Budd Co.
Crastal-X Corp.
Dale Products, Inc.
Dale Products, Inc.
Dayton Aircraft Products, Inc.
Dayton Aircraft Products, Inc.
Dayton Mig. Co., Inc
Dixon Corp.
Duyer Engrg. Co., Inc.
Eagle-Picher Co., The
Elastic Stop Nut Corp. of America
Electric Power Door Co., Inc.
Electronic Techniques, Inc.
Electronic Techniques, Inc.
Electronic Techniques, Inc.
Electronic Techniques, Inc.
Emerson & Cuming, Inc.
Emerson & Cuming, Inc.
Emerson & Coming, Inc.
Emerson & Coming, Inc.
Emerson Plastics Corp.
Englineered Products Co., The
Erie Resistor Corp.
Flexrock Co.
Fluorocarbon Co. Inc., The
Franklin Fibre-Lamitex Corp.
General Components Inc.
General Plastics Corp. of New Jersey

Goodyear Aircraft Corp.
Grimes Mfg. Co.
Hammett Electric Co.
Hastings Plastics Inc.
Illumitronic Engrg. Co.
Illumitronic Engrg. Co.
Jodin Mfg. Co.
Jodin Mfg. Co.
Jodin Mfg. Co.
Keystone Electronics Corp.
Keystone Electronics Corp.
Keystone Flectronics Corp.
Lancaster Glass Corp.
Lancaster Glass Corp.
La Pointe Industries Inc.
Walter Lee Chemical Corp.
LONE STAR PLASTICS CO. INC.
Thomas J. Long, Inc.
Luminous Resins Inc.
Mercury International Industries Inc.
Minneapolis-Honeywell Regulator Co., Ordnance
Div. \*LONE

Luminous Résins Inc.
Mercury International Industries Inc.
Minneapolis-Honeywell Regulator Co., Ordnance
Div.
Modglin Co. Inc.
J. J. Monaghan Co., Inc.
New England Laminates Co., Inc.
New England Tape Co. Inc.
New England Tape Co. Inc.
Plastic Age Sales, Inc.
Print Loid, Inc.
Republic Aviation Corp., Guided Missiles Div.
Resistoffex Corp.
St. Regis Paper Co.
Sheltered Workshop
Silicone Insulation, Inc.
Sinclair Mfg. Co.
\*SLIP RING CO. OF AMERICA
Sparta Marking Corp.
Spaulding Fibre Co., Inc.
Star Engraving Co., Ltd.
Swedlow Plastics Co.
Sylvania Electric Products Inc., Parts Div.
Synthane Corp.
H. I. Thompson Fiber Glass Co.
Topper Mfg. Co., Inc.
Tri-Dex Co.
Truxton Industries, Inc.
Universal Unlimited, Inc.
Virginia Plak Co.
Vichek Tool Co., The
Waterbury Companies, Inc.
Winder Aircraft Corp. of Fla.
Zipperrubing Co., The

#### PLASTICS, LAMINATED

Accurate Electronics Corp., Dept. D
Air Logistics Corp.
Aircraft Standards, Inc.
Allied Engraving & Stamping Co.
Allied Plastics Supply Corp.
American Aerophysics Corp.
American Brake Shoe Co.
Arrowhead Producst, Div.—Federal-Mogul-Bower
Bearings, Inc.
Auburn Mfg. Co., The
N. S. Baer Co. American Aerophysics Corp.
American Brake Shoe Co.
Arrowhead Producst, Div.—Federal-Mogul-Bower
Bearings, Inc.
Auburn Mfg. Co., The
N. S. Baer Co.
Basic Tool Industries, Inc.
Carl Biggs Co.
Bomyte Co., The
Calfibe Co., Inc.
Connector Corp.
Connector Corp.
Continental Diamond Fibre Corp., Sub.-The
Budd Co.
Crystal-X Corp.
Dale Products, Inc.
Dayton Aircraft Products, Inc.
Eagle-Picher Co., The
Electric Auto-Lite Co., The
Carles Pibre-Lamitex Corp.
Garrett Corp., The, Air Cruisers Div.
Gasket, Packing & Specialty Co. Inc.
Gate Corp.
Garret Gasket Inc.
General Gasket Inc.
General Flastics Corp. of New Jersey
Goodyear Aircraft Corp.
Hastings Plastics Inc.
Hays Mfg. Co.
Jociln Mfg. Co.
Jociln Mfg. Co.
Jociln Mfg. Co.
Walter Kidde & Co., Inc., Aviation Div.
Lamtex Industries, Inc.
Laminous Resins Inc.
Luminous Resins Inc.
McLuminous Resins Inc.
McLuminous Resins Inc.
McLumical Aircraft Corp.
McLury Ai Mercury International Industries Inc. Met-L-Wood Corp. Met-L-Wood Corp.
Mica Corp.
New England Laminates Co., Inc.
Plastic Age Sales, Inc.
Print Loid, Inc.
Raybestos-Manhattan, Inc.
Reves Brothers Inc., Vulcan Rubber Products Div.
Republic Aviation Corp., Guided Missiles Div.
Resdel Corp.
Rogers Corp.
Joseph T. Ryerson & Son, Inc.
St. Regis Paper Co.
Sterracin, Corp., The
Silicone Insulation, Inc.

Spartan Marking Corp.
Spaulding Fibre Co., Inc.
Star Engraving Co., Ltd.
Swedlow Plastics Co.
Synthane Corp.
Thieblot Aviation Co., Div.-Vitre
America
H. I. Thompson Fiber Glass Co.
Twix Mfg. Co., Inc.
Virginia Plak Co.
\*WESTINGHOUSE ELECTRIC CORP.
Westlake Plastics, CrystalX Corp. Aviation Co., Div.-Vitro Corp. of

#### PLATES, INSTRUCTION

Acromark Co., The
Allied Engraving & Stamping Co.
Allied Plastics Supply Corp.
Atlantic Engravers, Inc.
W. H. Brady Co.
Canadian Radium & Uranium Corp.
Cleveland Metal Specialties Co.
G. M. Dykes Iron Works, Inc.
Electric Auto-Lite Co., The
Emeloid Co. Inc., The
Emerson Plastics Corp.
Etched Products Corp.
Industrial Engravers Inc.
Walter K. Jaros, Aircrafters

Jodee Plastics Co. Kling Metal Spinning & Stamping Co. Lytle Engrg. & Mfg. Co. Print Loid, Inc. Roovers-Lotson Corp. Roovers-Lotson Corp.
Sohl Co., The
Star Engraving Co., Ltd.
United States Radium Corp.
Virginia Plak Co.
Westlake Plastics, CrystalX Corp.
Winder Aircraft Corp. of Fla.
Wrought Washer Mfg. Co.

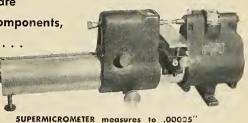
#### PLATES, METAL OR PLASTIC

Acromark Co., The
Acromark Co., The
Aerolite Electronics Corp.
Allied Engraving & Stamping Co.
Allied Plastics Supply Corp.
Aluminum Co. of America
American Aerophysics Corp.
Aristocrat Plastics, Inc.
Arrowhead Products, Div.—Federal-Mogul-Bower
Bearings, Inc.
Atlantic Engravers, Inc.
Canadian Radium & Uranium Corp.
Continental Diamond Fibre Corp., Sub.-The
Budd Co.
Crucible Steel Co. of America

# QUALITY CONTROL



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HARDNESS TESTER Used on all metals



OPTICAL COMPARATOR **Greatly magnifies parts** 



SURFINDICATOR Electronically measures surfaces in microinches

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Dale Products, Inc.
G. M. Dykes Iron Works, Inc.
Ejlay Corp.
Emeloid Co. Inc., The
Emerson Plastics Corp.
Erie Resistor Corp.
Franklin Fibre-Lamitex Corp.
Hashings Plastics Inc.
Haynes Stellife Co., Div.-Union Carbide Corp.
Industrial Engravers Inc.
Walter K. Jaros, Aircrafters
Jodee Plastics Co.
Parish Pressed Steel, Div.-Dana Corp.
Peerless Products Industries
Print Loid, Inc.
Revere Copper & Brass Inc.
Revere Copper & Brass Inc.
Revere Copper & Brass Inc.
Schaffer Air Industries, Inc.
Schaffer Air Industries, Inc.
Schaffer Air Industries, Inc.
Schaffer Air Industries, Inc.
Standard Metals Corp.
Star Engraving Co., Ltd.
Swedlow Plastics Co.
United Mfg. Co., The
United States Redium Corp.
Vaccum Metals Corp., Div.-Crucible Steel Co.
of America
Of America
Waterbury Companies, Inc.
Waterbury Companies, Inc.
Westlake Plastics, CrystalX Corp.
Winder Aircraft Corp. of Fla.

#### PLATES. PLASTIC LIGHTING

Ackerman Engravers, Inc.
Allied Engraving & Stamping Co.
Allied Plastics Supply Corp.
American Aerophysics Corp.
Aristocrat Plastics, Inc.
Atlantic Engravers, Inc.
Electronic Techniques, Inc. Electronic Techniques, Inc.
Eljay Corp.
Emerson Plastics Corp.
Erie Resistor Corp.
General Plastics Corp. of Indiana
Jodee Plastics Co.
Milman Engra. Co.
Peerless Products Industries
Sohl Co., The
Star Engraving Co., Ltd.
United States Radium Corp.
Universal Unlimited, Inc.
Waterbury Companies, Inc.
Winder Aircraft Corp. of Fla.

#### PLATING, PRECIOUS METAL

PLATING, PRECIOUS METAL

Accurate Specialties Co., Inc.
Allied Research & Engrg., Div.-Allied Record
Mfg. Co.
Anadite Inc.
Arnolt Corp.
Bart Mfg. Corp.
Cohan Epner Co. Inc.
Drilube Co.
Electric Auto-Lite Co., The
\*GRAFLEX, INC.
Hamilton Watch Co., Military Products Div.
Hamilton Watch Co., Military Products La Pointe Industries Inc.
Keil Engrg. Products
La Pointe Industries Inc.
Linde Co., Div.-Union Carbide
\*LYCOMING DIV., AVCO MFG. CORP.
M-W Labs., Inc.
Metals & Controls Corp.
Henry & Miller Industries, Inc.
Pacific Tube Co.
Precision Electroplating Co.
\*SLIP RING CO. OF AMERICA
Standard Metals Corp. PLATING, TIN ZINC

Cleveland Metal Specialties Co. Cohan Epner Co. Inc. Graflex, Inc. La Pointe Industries Inc. Henry & Miller Industries, Inc.

#### POLONIUM

Canadian Radium & Uranium Corp. Delta Chemical Works, Inc. United States Radium Corp.

#### **PORCELAIN**

Auburn Spark Plug Co., Inc.
Crown Industrial Products Co.
Electrical Refractories Co., The
Lapp Insulator Co., Inc., Radio Specialities Div.
Saxonburg Ceramics
Sohl Co., The
\*WESTINGHOUSE ELECTRIC CORP.

# PROTECTIVE COATINGS

Aerodex, Inc. Allied Plastics Supply Corp. American Corp. American Cord & Webbing Co., Inc. American Solder & Flux Co.

Anachrome Corp.
Anadite Inc.
Bart Mfg. Corp.
\*\*BAUSCH & LOMB OPTICAL CO.
Bendix Products Div., Bendix Aviation Corp.
Carl Biggs Co.
Connecticut Hard Rubber Co., The
\*\*COOPER DEVELOPEMENT CORP.
Delta Chemical Works, Inc.
Drilube Co.
Duracote Corp.
Electrofilm, Inc.
Esso Standard Oil Co.
Fidelity Chemical Products Corp.
Filuorocarbon Co., Inc., The
General Cement Mfg. Co., Div.-Textron Inc.
General Plastics Corp. of New Jersey
Graflex, Inc.
Horsey, Robson & Co., Inc.,
Industrial Metal Protectives, Inc.
Kano Labs.
Krylon, Inc.
Linde Co., Div.-Union Carbide
Marblette Corp., The
Narmco Resins & Coatings Co.
National Research Corp.
Norton Co.
Olin Mathieson Chemical Corp., High Energy
Fuels Div.
Sparta Mfg. Co.
Swedlow Plastics Co.
Arthur Tickle Engrg. Works, Inc.
Turco Products, Inc.
United Shoe Machinery Corp.
Vorac Co., The
Waldom Electronics Inc.
White & Bagley Co., The
X-Pando Corp.
Zirconium Corp. of America

#### QUARTZ, FUSED

\*BAUSCH & LOMB OPTICAL CO.
Bram Metallurgical & Chemical Co.
Corning Glass Works
Delta Chemical Works, Inc.
Electronics Corp. of America
Kemlite Laboratories, Inc.
Ultra-Violet Products, Inc.

#### REINFORCED PLASTICS

ACF Industries, Inc., Advanced Products Div. Air Logistics Corp. Allied Plastics Supply Corp. American Aerophysics Corp. American Aerophysics Corp. Arrowhead Products, Div.-Federal-Mogul-Bower Bearings, Inc. American Aerophysics Corp.
Arrowhead Products, Div.-Federal-Mogul-Bower Bearings, Inc.

\*\*BROOK MOLDING CORP.
Calfibe Co., Inc.
Continental Diamond Fibre Corp., Sub.-The Budd Co.
Duracote Corp.
Dwyer Engra, Co., Inc.
Electric Auto-Lite Co., The
Eliay Corp.
Emerson & Cuming, Inc.
Emerson Plastics Corp.
Enflo Corp.
Garrett Corp., The, Air Cruisers Div.
Goodyear Aircraft Corp.
Hastings Plastics Inc.
Hexcel Products Inc.
Hexcel Products Inc.
Joclin Mig. Co.
Walter Kidde & Co., Inc., Aviation Div.
Lamtex Industries, Inc.
\*\*LONE STAR PLASTICS CO INC.
Marblette Corp., The
Narmoc Resins & Coatings Co.
New England Laminates Co., Inc.
Olin Mathieson Chemical Corp., High Energy
Fuels Div.
Olympic Plastics Co., Inc.
Quick Charge Corp.
Republic Aviation Corp., Guided Missiles Div.
Rescel Corp.
Reger Corp.
Silicone Insulation, Inc.
Swedlow Plastics Co.
Synthane Corp.
H. I. Thompson Fiber Glass Co.
Thompson Products, Inc.
E. F. Timme & Son, Inc.
Topper Mig. Co., Inc.
Waterbury Companies, Inc.
\*\*WESTINGHOUSE ELECTRIC CORP.

RESERVOIRS, HYDRAULIC

#### RESERVOIRS, HYDRAULIC SYSTEMS

ACF Industries, Inc., Advanced Products Div.
\*AMERICAN MACHINE & FOUNDRY CO.
Applied Dynamics Corp.
Auto-Control Labs., Inc.,
Bendix Products Div., Bendix Aviation Corp.
Bridgwater Machine Co.
Cleveland Pneumatic Tool Co., The, Div.-Cleveland Pneumatic Industries, Inc.

\*COOPER DEVELOPMENT CORP.
\*CORNELIUS CO., THE
\*DALMO VICTOR CO., DIV.-TEXTRON INC.
\*DIVERSEY ENGRG. CO.
G. W. Galloway Co.
\*GREER HYDRAULICS, INC.,
\*HOUDAILLE INDUSTRIES, INC., BUFFALO HYDRAULICS DIV.
Hydra-Power Corp.
\*KAHN & CO., INC.
Kaiser Aircraft & Electronics Div.-Kaiser Industries Corp.
\*Kalhn & Co., INC.
\*Kaiser Aircraft & Electronics Div.-Kaiser Industries Corp.
Pacific Div.-Bendix Aviation Corp.
Pacific Div.-Bendix Aviation Corp.
Peterson & Neville Inc.
Philips & Davies Inc.
Portland Copper & Tank Works Inc.
\*Progressive Research & Development Co., Inc.
Rohr Aircraft Corp.
\*Van Aeronautical Co.
\*Thompson Products, Inc.
\*Vinited AirCraft PRODUCTS, INC.
\*Vickers Inc., Div.-Sperry Rand
\*Vinson Mig. Co. Inc.
\*Waldorf Instrument Co., Div.-F. C. Huyck & Sons
Warren Mfg., Div., Warren Brothers Roads Co.
\*Wells Industries Corp.
\*Vickfield, Inc.

#### RESERVOIRS, PNEUMATIC SYSTEMS

ACF Industries, Inc., Advanced Products Div.
\*AMERICAN MACHINE & FOUNDRY CO.
Auto-Control Labs, Inc.
Bendix Products Div., Bendix Aviation Corp.
Bridgwafer Machine Co.
Cleveland Pneumatic Tool Co., The Div.Cleveland Pneumatic Industries Inc.
\*COOPER DEVELOPMENT CORP.
\*CORNELIUS CO., THE
\*DALMO VICTOR CO., DIV.—TEXTRON INC.
\*DIVERSEY ENORG. CO.
\*CREER HYDRAULICS, INC.
Hydra-Power Corp.
\*KAHN & CO., INC.
Kaiser Aircraft & Electronics Div.—Kaiser Industries Corp.
Kalex Aircraft & Electronics Div.—Kaiser Industries Corp.
Pacific Div.—Bendix Aviation Corp.
Philips & Davies Inc.
Portland Copper & Tank Works, Inc.
Progressive Research & Development Co., Inc.
Rohr Aircraft Corp.
Rohr Aircraft Corp.
Rohr Aircraft Corp.
Ryan Aeronautical Co.
Thompson Products, Inc.
Vinson Mfg. Co., Inc., Warren Brothers Roads Co.
Wells Industries Corp.
Wickfield, Inc.

#### RESINS, BONDING

Acheson Colloids Co., Div.-Acheson Industries, Acheson Colloids Co., Div.-Acheson Inc.
Anchor Metal Co., Inc.
Armstrong Products Co.
Carl Biggs Co.
Delta Chemical Works, Inc.
Drilube Co.
Emerson & Cuming, Inc.
Hastings Plastics, Inc.
Lamtex Industries, Inc.
Lebec Chemical Corp.
Marblette Corp. The
Narmor Resins & Coatings Co.
New England Tape Co., Inc.
Silicones Div.-Union Carbide Corp.
Smooth-On Mfg. Co.
Telectro Industries Corp.
Topper Mfg. Co., Inc. Inc.

#### RESINS, ENCAPSULATING

Airflyte Electronics Co.
Armstrong Products Co.
Carl Biggs Co.
Delta Chemical Works, Inc.
Emerson & Cuming, Inc.
Hastings Plastics, Inc.
Marblette Corp., The
Narmoc Resins & Coatings Co.
National Engr. Products, Inc.
New England Tape Co., Inc.
Nopco Chemical Co.
Silicones Div.-Union Carbide Corp.
Smooth-On Mig. Co.
Topper Mig. Co., Inc.

#### RESINS, POTTING

Airflyte Electronics Co.
Armstrong Products Co.
Carl Biggs Co.
Belta Chemical Works, Inc.
Emerson & Cuming, Inc.
B. F. Goodrich Aviation Products
Hastings Plastics Inc.
Lamtex Industries, Inc.
Marblette Corp., The
Narmco Resins & Coatings Co.
New England Tape Co., Inc.

Nopco Chemical Co. Silicones Div.-Union Carbide Corp. Smooth-On Mfg. Co. Topper Mfg. Co., Inc.

#### RESINS, SYNTHETIC

Carl Biggs Co. Catalin Corp. of America Delta Chemical Works, Inc. Delta Chemical Works, Inc.
Duracote Corp.
Emerson & Cuming, Inc.
Hastings Plastics, Inc.
Hercules Powder Co.
Joclin Mfg. Co.
Lebec Chemical Corp.
Luminous Resins, Inc.
Marblette Corp., The
National Casein Co.
Pacific Tube Co.
Silicones Div.-Union Carbide Corp.
Smooth-On Mfg. Co.
Topper Mfg. Co., Inc.
United Shoe Machinery Corp.

#### RETRACTING, MECHANISM UNITS

RETRACTING, MECHANISM UNIIS

\*AMERICAN MACHINE & FOUNDRY CO.
Bendix Products Div., Bendix Aviation Corp.
Bridgwafer Machine Co.
Cleveland Pneumatic Tool Co., The, Div.-Cleveland Pneumatic Industries, Inc.
\*HOUDAILLE INDUSTRIES, INC., BUFFALO HY-DRAULICS DIV.
Hydra-Power Corp.
Kaiser Aircraft & Electronics Div.-Kaiser Industries Corp.
Lyndon Aircraft, Inc.
O & M Machine Co., Inc.
Republic Aviation Corp., Guided Missiles Div.
Robot Appliances Inc.
Talco Engrg. Co., the
Thieblot Aviation Co., Div.-Vitro Corp of
America America
America
Waldorf Instrument Co., Div.-F. C. Huyck &
Sons

#### RETRACTORS, LANDING GEAR

\*AMERICAN MACHINE & FOUNDRY CO.
Bendix Products Div., Bendix Aviation Corp.
Bridgwater Machine Co., Cleveland Pneumatic Tool Co., The, Div.-Cleveland Pneumatic Industries, Inc.
Harper-Leader, Inc., Hydra-Power Corp.
O & M Machine Co., Inc., Smith-Morris Corp.
Thieblot Aviation Co., Div.-Vitro Corp. of America
Waldorf Instrument Co., Div.-F. C. Huyck & Sons

#### RHODIUM

Allied Research & Engrg., Div.-Allied Record Mfg, Co.
J. Bishop & Co. Platinum Works Bram Metallurgical & Chemical Co. Cohan Epner Co., Inc., Delta Chemical Works, Inc., Wilbur B Driver Co. Eastern Smelting & Refining Corp. Electro Tec Corp., Virginia Div. Goldsmith Brothers Smelting & Refining Co. Hamilton Watch Co., Military Products Div. Harper-Leader, Inc. Metals & Controls Corp., Western Gold & Platinum

#### RINGS

Advanced Products Co., The
American Welding & Mig. Co., The
Anchor Packing Co., The
Anchor Packing Co., The
Bridgwater Machine Co.
California Aircraft Products
Edgewater Steel Co.
Engelhard Industries Inc., D. E. Makepeace Div.
Federal Machine Co., Inc.
Green, Tweed & Co.
Hunter Spring Co., Walter K. Jaros, Aircrafters
Kasar Mig. & Distributing Co., Inc.
Kelsey-Hayes Co.
Ladish Co.
La Pointe Industries, Inc.
Lectronics, Inc.
Progressive Research & Development Co., Inc.
Roll Formed Products Co.
St. Marys Carbon Co.
Standard Locknut & Lockwasher Inc.
U. S. Hammered Piston Ring Co., Inc.

American Brass Co., The \*AMERICAN MACHINE & FOUNDRY CO. Anchor Packing Co., The Carroll Pressed Metal, Inc. Corbin Products Div. \*DIVERSEY ENGRG. CO. Dumont Aviation Associates Enflo Corp.

Green, Tweed & Co.
Horst Engrg. & Mfg. Co.
Hunter Spring Co.
Hupp Aviation Co.
Industrial Retaining Ring Co.
Walter K. Jaros, Aircrafters
Kasar Mfg. & Distributing Co., Inc.
Kelsey-Hayes Co.
Kelsey-Hayes Co.
La Pointe Industries, Inc.
La Pointe Industries, Inc.
J. J. Monaghan Co., Inc.
Pic Design Corp., Sub-Benrus Watch Co., Inc.
Pacific Cut Washer Co.
Research Development Mfg., Inc.
Roll Formed Products Co.
Seamless Products Co., Inc.
Simonds Saw & Steel Co.
Standard Locknut & Lockwasher, Inc.
U. S., Hammered Piston Ring Co., Inc.
United Supply Co.
United Supply Co.
Univave, Inc.

Warren Brothers Roads Co. Uniwave, Inc. Warren Mfg. Div., Warren Brothers Roads Co.

#### Scraper

Scraper

\*\*AMERICAN MACHINE & FOUNDRY CO.
Corbin Products Div.
Dumont Aircarf Firting Co.
Dumont Aviation Associates
Edgewater Steel Co.
Green, Tweed & Co.
Walter K. Jaros, Aircrafters
Kasar Mfg. & Distributing Co., Inc.
La Pointe Industries Inc.
U, S. Hammered Piston Ring Co., Inc.

#### Sealing

Advanced Products Co., The

\*AMERICAN MACHINE \* FOUNDRY CO.

Anchor Packing Co., The
Auburn Mfg. Co., The
Automatic & Precision Mfg. Co.
Carroll Pressed Metal, Inc.
Crane Packing Co.
Dumont Aircraft Fitting Co.
Enflo Corp.
General Cable Corp.
General Cable Corp.
General Gasket Inc.
Graphite Metallizing Corp.
Green, Tweed & Co.
Walter K. Jaros, Aircrafters
Kling Metal Spinning & Stamping Co.
Koppers Co., Inc.,
Koppers Co., Inc., Metal Products Div.
La Pointe Industries Inc.
Linear, Inc.
Morganite, Inc.
Ohio Carbon Co., The
Parker-Hannifin Corp.
Rogers Corp.
St. Marys Carbon Co.
Simplex Piston Ring Mfg. Co.
Turbo Products, Inc.
U. S. Hammered Piston Ring Co., Inc.

#### Shock Absorber

\*AMERICAN MACHINE & FOUNDRY CO.
Bendix Products Div., Bendix Aviation Corp.
Bridgwater Machine Co.
Electro Tec Corp., Virginia Div.
General Cable Corp.
Green, Tweed & Co.
Walter K. Jaros, Aircrafters
La Pointe Industries Inc.
Menasco Mfg. Co.
Rubbercraft Corp. of California
Uniwave, Inc.
Wickfield, Inc.

#### Slip

Slip

Airflyte Electronics Co.
\*AMERICAN MACHINE & FOUNDRY CO.
Dumont Aviation Associates
Electro Development Co.
Electro Tec Corp.
Electro Tec Corp., Virginia Div.
Enflo Corp.
Engelhard Industries Inc., D. E. Makepeace Div.
General Findings & Supply Co., Industrial Div.
Gibson Electric Co.
Graphite Metallizing Corp.
Handy & Harman
Hunter Spring Co.
Us Printer Co.
La Pointe Industries Inc.
Leach & Garner Co., Industrial Div.
\*LYCOMING DIV., AVCO MFG. CORP.
Metals & Controls Corp.
J. M. Ney Co., The
Servonic Instruments, Inc.
\*SLIP RING CO. OF AMERICA
Superior Carbon Products, Inc.
Topper Mig. Co., Inc.
Tricon Mig. Co.
U. S. Hammered Piston Ring Co., Inc.
Uniwave, Inc.

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Airflyte Electronics Co.

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Electro Tec Corp.
Engelhard Industries Inc., D. E. Makepeace Div.
Geperal Findings & Supply Co., Industrial Div.
Graphite Metallizing Corp. Graphite Metallizing Corp.
Kelsey-Hayes Co.
La Pointe Industries Inc.
Leach & Garner Co., Industrial Div.
Magnasync Mfg. Co., Ltd.
J. M. Ney Co., The
Pacific Tube Co.
Servonic Instruments, Inc.
\*SLIP RING CO. OF AMERICA
Superior Carbon Products, Inc.
Topper Mfg. Co., Inc.

#### RIVETS

Allmetal Screw Products Co., Inc.
Allmetal Screw Products Co., Inc.
Allmenum Co. of America
American Screw Co.
Aviation Developments Inc.
Briles Mfg.
Century Fasteners Corp.
Chase Brass & Copper Co., Inc.
Circon Component Corp.
Corbin Products Div.
Dumont Aviation Associates
Federal Screw Products Inc.
General Findings & Supply Co., Industrial Div.
B. F. Goodrich Aviation Products
John Hassell, Inc.
Hi-Shear Rivet Tool Co.
Huck Mfg. Co.
Walter K. Jaros, Aircrafters
R. I. Metpro, Inc.
Reed & Prince Mfg. Co.
Republic Steel Corp.
Southco Div., South Chester Corp.
United Shoe Machinery Corp.

#### RIVETS, BLIND

Atlantic Research Corp.
Walter K. Jaros, Aircrafters
Propellex Chemical Corp.
Southco Div., South Chester Corp.
\*\*TOWNSEND CO., CHERRY RIVET DIV.
United Supply Co.

American Car & Foundry Div., ACF Industries,

\*AMERICAN MACHINE & FOUNDRY CO. American Welding & Mfg. Co., The Atlantic Research Corp. \*COOPER DEVELOPMENT CORP. \*DIVERSEY ENGRG. CO.

\*\*DIVERSEY ENGRG. \*\*O.\*

FUITON-Irgon Corp., The G. W. Galloway Co.

Goodyear Aircraft Corp.

\*\*GRAND CENTRAL ROCKET CO.\*

Hercules Powder Co.

Walter K. Jaros, Aircrafters

McCormick Selph Associates

Oerlikon Tool & Arms Corp. of America

Pacific Tube Co.

Propellex Chemical Corp.

Republic Aviation Corp., Guided Missiles Div.

\*\*RHEEM MFG. CO., AIRCRAFT DIV.\*

Ryan Aeronautical Co.

Stanley Aviation Corp.

Talco Engrg. Co., The

Turbo Dynamics Corp.

Wright Aeronautical Div., Curtiss-Wright Corp.

#### RODS, TUNGSTEN

Bergen Carbide Co.
Bram Metallurgical & Chemical Co.
Bram Metallurgical & Chemical Co.
Elmet Div.-North American Philips Co., Inc.
Fansteel Metallurgical Corp.
Hammett Electric Co.,
Micro-Wire Tungsten & Molybdenum Products
Size Control Company
Superior Carbon Products, Inc.

#### RUBBER

Allied Plastics Supply Corp.
Anchor Packing Co., The
Arrowhead Products, Div.-Federal-Mogul-Bower
Bearings, Inc.
Auburn Mfg. Co., The
Auburn Spark Plug Co., Inc.
Chicago-Allis Mfg. Corp.
Continental Rubber Works
Duroyd Gasket Mfg. Co.
Emerson & Cuming, Inc.
General Gasket Inc.
Pacific Moulded Products Co.
Raybestos-Manhattan, Inc.
Roberts Toledo Rubber Co., The
Rubbercraft Corp. of California
Silicones Div.-Union Carbide Corp.
Topper Mfg. Co., Inc.

#### Conductive

Auburn Mfg. Co., The Bios Labs., Inc. Connecticut Hard Rubber Co., The

Continental Rubber Works
Emerson & Cuming, Inc.
General Gasket Inc.
Pacific Moulded Products Co.
Raybestos-Manhattan, Inc.
Roberts Toledo Rubber Co., The
Rogers Corp.
Rubbercraft Corp. of California
Silicones Div.-Union Carbide Corp.

#### Hard

Allied Plastics Supply Corp.
Bios Labs., Inc.
Emerson Plastics Corp.
Raybestos-Manhattan, Inc.
Roberts Toledo Rubber Co., The
Rogers Corp.
Rubbercraft Corp. of California

#### Insulation

Allied Plastics Supply Corp.
Arrowhead Products, Div.-Federal-Mogul-Bower
Bearings, Inc.
Auburn Mfg. Co., The
Bacon Industries, Inc. Bacon Industries, Inc.
Bios Labs., Inc.
Connecticut Hard Rubber Co., The
Continental Rubber Works
Duroyd Gasket Mfg. Co.
B. F. Goodrich Aviation Products
Johns-Mansville Dutch Brand Div.
Raybestos-Manhattan, Inc.
Roberts Toledo Rubber Co., The
Rogers Corp.
Rubbers Div., Great American Industries Inc.
Rubbercraft Corp. of California
Silicones Div.-Union Carbide Corp.
Varflex Corp.

#### Natural

Natural

Allied Plastics Supply Corp.
Anchor Packing Co., The
Arrowhead Products, Div.-Federal-Mogul-Bower
Bearings, Inc.
Auburn Mfg. Co., The
Bios Labs., Inc.
Chicago-Allis Mfg. Corp.
Continental Rubber Works
Darcoid Co., Inc., The
Duroyd Gasket Mfg. Co.
General Gasket Inc.
B. F. Goodrich Aviation Products
Johns-Mansville Dutch Brand Div.
Neosil Products Co.
Pacific Moulded Products Co.
Pacific Moulded Products Co.
Raybestos-Manhattan, Inc.
Roberts Toledo Rubber Co., The
Rogers Corp.
Rubbercraft Corp. of California

#### Synthetic

Synthetic

Allied Plastics Supply Corp.
Anchor Packing Co., The
Auburn Mfg. Co., The
Auburn Mfg. Co., The
Bosch Industries, Inc.
Bios Labs., Inc.
Chicago. Allis Mfg. Corp.
Connecticut Hard Rubber Co., The
Continental Rubber Works
Darcoid Co., Inc., The
Duroyd Gasket Mfg. Co.
General Gasket Inc.
B. F. Goodrich Aviation Products
Johns-Mansville Dutch Brand Div.
Neosil Products Co.
Raybestos-Manhattan, Inc.
Reeves Brothers Inc., Vulcan Rubber Products
Div.
Roberts Toledo Rubber Co., The
Rogers Corp.
Rubbercraft Corp. of California
Silicones Div.-Union Carbide Corp.
Topper Mfg. Co., Inc.

#### **RUDDERS**

Associated Co., Inc.
Basic Tool Industries. Inc.
\*DIVERSEY ENGRG. CO.
Kaiser Aircraft & Electronics Div.-Kaiser Industries Corp. \*Iries Corp.

\*LAVELLE AIRCRAFT CORP.
Longren Aircraft Co., Inc.
Republic Aviation Corp., Guided Missiles Div.
Thieblot Aviation Co., Div. Vitro Corp. of

America
Wheland Co., The
Winder Aircraft Corp. of Fla.

#### SCREW, MACHINE PRODUCTS

Abalon Precision Mfg. Corp.
Abbott Screw & Mfg. Co.
Abbott Screw & Mfg. Co.
Acme Industrial Co.
Aerotron Supply Co.
Affiliated Screw Products Co.
Airborne Research & Development Corp.
Aircraft Fitting Co., The
Allied Plastics Supply Corp.

Allmetal Screw Products Co., Inc.
Aluminum Co. of America
Amatom Electronic Hardware Co. Inc.
\*\*AMERICAN MACHINE & FOUNDRY CO.
American Screw Co.
American Screw Co.
American Screw Co.
American Screw Co.
American Standard Products, Inc.
Arnolt Corp.
Auburn Spark Pluq Co., Inc.
Bendix Products Div., Bendix Aviation Corp.
Bergen Carbide Co.
Bland Burner Co., The
Briles Mfg.
J. H. Bunnell & Co.
Century Fasteners Corp.
Champion Aircuipment Inc.
Chicago Screw Co., The, Div.-Standard Screw Co.
Circon Component Corp.
Connector Corp. of America
Continental Connector Corp.
Corbin Products Div.
Dalmore Corp.
Dayton Mfg. Co., Inc.
Dill Mfg. Co., The
Dumont Aircraft Fitting Co.
Dumont Aviation Associates
Eco Engrg. Co.
Eddington Metal Specialty Co.
Electronic Techniques, Inc.
Engineered Products Inc., The
Freeman Co., The
Federal Screw Products Inc.,
Fluorocarbon Co. Inc., The
Freeman Co., The
Federal Findings & Supply Co., Industrial Div.
General Findings & Supply Co., Industrial Div.
General Railway Signal Co.
General Railway Signal Co.
General Railway Signal Co.
General Railway Signal Co.
Hariton Watch Co., Military Products Div.
\*\*HARIFORD MACHINE SCREW CO., DIV.\*
STANDARD SCREW CO.
Harvey Aluminum
Alfred Hofmann & Co.
Horst Engrg. & Mfg. Co.
Walter K. Jaros, Aircrafters
Kasar Mfg. & Distributing Co., Inc.
Lamson & Sessions Co., The
Leach & Garner Co., Industrial Div.
Litton Industries, Components Div.
J. A. Maurer, Inc.
J. A. Maurer, Inc.
J. Morris Co.
Napoleon Products Co., The
National Airoil Burner Co.
National Compressed Gas Corp., Aviation Div.
Research Development Mfg. Inc.
Herman D. Steel Co.
Synthae Corp.
Technica

Sons
Waltham Screw Co.
Wenco Mig. Co.
Western Automatic Machine Screw Co., Div.Standard Screw Co.
Westfield Metal Products Co., Inc.
Wilmar Mig. Co., Inc.
Winder Aircraft Corp. of Fla.
J. H. Winn Inc.
Wright Aeronautical Div., Curtiss-Wright Corp.

#### SCREWS, SELF-TAPPING

Abbott Screw & Mfg. Co. Aerotron Supply Co. Affiliated Screw Products Co. Allmetal Screw Products Co., Inc. American Screw Co. American Screw Co.
American Screw Co.
Briles Mfg.
Century Fasteners Corp.
Corbin Products Div.
Dumont Aviation Associates
Federal Screw Products Inc.
Walter K. Jaros, Aircrafters
Lamson & Sessions Co., The
Mercury Air Parts Co., Inc.
National Lock Co.
Reed & Prince Mfg. Co.
Torrington Co., The
Waldom Electronics Inc.
J. H. Winn Inc.

#### SCREWS, SET

Abbott Screw & Mfg. Co.

Aerotron Supply Co.
Affiliated Screw Products Co.
Allen Mfg. Co.
Briles Mfg.
Century Fasteners Corp.
Chase Brass & Copper Co., Inc.
Chicago Screw Co. The, Div. Standard Screw Co.
Corbin Products Div.
Danly Machine Specialties, Inc.
Dumont Aircraft Fitting Co.
Dumont Aircraft Fitting Co.
Dumont Aviation Associates
Federal Screw Products Inc.
General Cement Mfg. Co., Div.—Textron Inc.
\*HARTFORD MACHINE SCREW CO.,
Walter K. Jaros, Aircrafters
Kasar Mfg. & Distributing Co., Inc.
Mercury Air Parts Co., Inc.
National Lock Co.
Pic Design Corp., Sub-Benrus Watch Co., Inc.
Reed & Prince Mfg. Co.
Republic Steel Corp.
Standard Pressed Steel Co.
Waldom Electronics Inc.
Western Automatic Machine Screw Co., Div.—
Standard Screw Co.

#### SCREWS, STANDARD

Abbott Screw & Mfg. Co.
Alden Systems Co.
Allen Mfg. Co.
Allen Mfg. Co.
Allimetal Screw Products Co., Inc.
Aluminum Co. of America
American Screw Co.,
Bland Burner Co., The
Briles Mfg.
Century Fasteners Corp.
Chicago Screw Co., The, Div.—Standard Screw
Co. Chicago Screw Co., The, Div.—Standard Screw Co.
Circon Component Corp.
Corbin Products Div.
Danly Machine Specialties Inc.
Dumont Aircraft Fitting Co.
Dumont Aviation Associates
Federal Screw Products Inc.
General Cement Mig. Co., Div.—Textron Inc.
\*HARTFORD MACHINE SCREW CO., DIV.—
STANDARD SCREW CO.
Walter K. Jaros, Aircrafters
Lamson & Sessions Co., The
Mercury Air Parts Co., Inc.
National Lock Co.
Pic Design Corp., Sub-Benrus Watch Co., Inc.
Reed & Prince Mig. Co.
Republic Steel Corp.
Herman D. Steel Co.
Torrington Co., The
Waldom Electronics Inc.
Western Automatic Machine Screw Co., Div.—
Standard Screw Co.
Westfield Metal Products Co., Inc.
Standard Screw Co.
Westfield Metal Products Co., Inc.

#### SEALERS, FUEL AND OIL TANK

Drilube Co.
Dumont Aviation Associates
Horsey, Robson & Co., Inc.
Turco Products, Inc.
\*UNITED AIRCRAFT PRODUCTS, INC.
United Shoe Machinery Corp.

#### SEALERS, NUCLEAR

Conax Corp.
Nuclear Corp. of America, Inc.
Silicones Div.—Union Carbide Corp.
Telectro Industries Corp.
\*UNITED AIRCRAFT PRODUCTS, INC.

#### SEALERS, PROTECTIVE

Barium & Chemicals, Inc. Dennis Chemical Co. General Cable Corp. Silicones Div.—Union Carbide Corp. United Shoe Machinery Corp.

#### SEALING, SERVICE, HERMETIC

Automatic & Precision Mfg. Co. Elgin Micronics, West Coast Div.—Elgin National Watch Co. Philadelphia Scientific Glass Co.

#### SEALS

Advanced Products Co., The
Allied Plastics Supply Corp.
Anchor Packing Co., The
Auburn Mfg. Co., The
Bios Labs., Inc.,
Chicago-Allis Mfg. Corp.
Cleveland Graphite Bronze Co., Div.—Clevite
Corp.,
Consolidated Electrodynamics Corp.
Crane Packing Co.,
Electrical Industries, Div.—Philips Electronics,
Inc. Inc.
Inc.
Emerson Plastics Corp.
Epoxy Products, Inc., Div.—Joseph Waldman & Epoxy Products, Inc., DIV.—Joseph Sons Fusite Corp. Green, Tweed & Co. Kasar Mfg. & Distributing Co., Inc. Walter Lee Chemical Corp.



All of the established Cherry High Clinch features are now in the "800" Monel rivets:

(1) high clinch; (2) positive hole

New design concepts are possible with the complete line of Cherry High Clinch rivets. Smaller fasteners-stronger materials-a complete range of temperature and strength applications suited to your problems. The new Cherry "800" in Monel, the "700" in aluminum, and the "600" highstrength, high-temperature rivet \*Patents issued and pending

fill; (3) wide grip range; (4) uniform stem retention; (5) positive inspection -which now includes grip length stamped on rivet head.

in A286 stainless steel give you a complete selection-all in the same proved Cherry High Clinch configuration\*.

For technical data on the new Cherry "800" Monel and other Cherry High Clinch rivets, write Townsend Company, Cherry Rivet Division, P. O. Box 2157-Z, Santa Ana, Calif.

# CHERRY RIVET DIVISION

SANTA ANA, CALIFORNIA

# **Townsend Company**

ESTABLISHED 1816 . NEW BRIGHTON, PA.

In Canada: Parmenter & Bulloch Manufacturing Campany, Limited, Gananaque, Ontario

Progressive Research & Development Co., Inc. St. Marys Carbon Co. Schlige: Mfg. Co. Sundstrand Turbo Div., Sundstrand Machine Tcol Co. U. S. Hammered Piston Ring Co., Inc.

Bios Labs., Inc. Cleveland Graphite Bronze Co., Div.—Clevite Cleveland Graphite Bronze Co., Div.Corp.
Graphite Metallizing Corp.
La Pointe Industries Inc.
Magnetic Seal Corp.
Morganite, Inc.
Ohio Carbon Co., The
St. Marys Carbon Co.
Simplex Piston Ring Mfg. Co.
U. S. Hammered Piston Ring Co., Inc.

#### Ceramic to Metal

Auburn Spark Plug Co., Inc. Barium & Chemicals, Inc. Bendix Products Div., Bendix Aviation Corp. Carl Biggs Co. Bendix Products Div., Bendix Aviation Corp Carl Biggs Co.
Bios Labs., Inc.
Cerambaseal, Inc.
Consolidated Electrodynamics Corp.
Crane Packing Co.
Diamonite Products Mfg. Co.
Edgerton, Germeshausen & Grier, Inc.
Electric Auto-Lite Co., The
Geisler Labs.
Isolantite Mfg. Corp.
Kerns Mfg. Corp.
La Pointe Industries Inc.
Magnetic Seal Corp.
McCormick Selph Associates
Chester Morton Electronics Corp.
D. M. Steward Mfg. Co.
Sylvania Electric Products Inc., Part Div.
Telectro Industries Corp.
Thermo Materials, Inc.
U. S. Hammered Piston Ring Co., Inc.
Wave Particle Corp.
Western Gold & Platinum

#### Dust Excluder

Auburn Mfg. Co., The
Auburn Mfg. Co., The
Automatic & Precision Mfg. Co.
Chicago-Allis Mfg. Corp.
Connecticut Hard Rubber Co., The
Flock Process Co. Inc.
Walter Lee Chemical Corp.
Magnetic Seal Corp.
Schlegel Mfg. Co.
Spincraft, Inc.
U. S. Hammered Piston Ring Co., Inc.
Victor Mfg. & Gasket Co.

#### Grease and Oil

Advanced Products Co., The Auburn Mfg. Co., The Automatric & Precision Mfg. Co. Bios Labs, Inc. Chicago-Allis Mfg. Corp. Cleveland Graphite Bronze Co., Div.-Clevite Corp. Cleveland Graphite Bronze Co., Div. Corp.

#### Hermetic and Pressurized

Hermetic and Pressurized

Auburn Spark Plug Co., Inc.
Coaxial Connector Co., Inc.
Conzector Corp.
Demornay-Bonardi
Electrical Industries, Div.-Philips Electronics, Inc.
Elgin Micronics, West Coast Div.-Elgin National
Watch Co.
Emerson Plastics Corp.
Flexonics Corp.
Flexonics Corp.
Fusite Corp.
Garde Mfg. Co.
Gilmore Industries Inc.
B. F. Goodrich Aviation Products
Joclin Mfg. Co.
La Pointe Industries Inc.
Walter Lee Chemical Corp.
McCormick Selph Associates
Neosil Products Co.
Telectro Industries Corp.
Telectro Industries Corp.
VINITED AIRCRAFT PRODUCTS, INC.
U. S. Hammered Piston Ring Co., Inc.

#### Hydraulic

Advanced Products Co., The

\*AMERICAN MACHINE & FOUNDRY CO. Auburn Spark Plug Co., Inc. Auto-Control Labs., Inc. Chicago-Allis Mfg. Corp. Cleveland Graphite Bronze Co., Div.-Clevite

Chicago-Allis Mfg. Corp.
Cleveland Graphite Bronze Co., Div.-Clevite
Corp.
Conax Corp.
Crane Packing Co.
Dumont Aviation Associates
Emerson Plastics Corp.
Fluorocarbon Co. Inc., The
Green, Tweed & Co.
Halogen Insulator & Seal Corp.
E. F. Houghton & Co.
Joclin Mfg. Co.
Kasar Mfg. & Distributing Co., Inc.
La Pointe Industries Inc.
Walter Lee Chemical Corp.
Linear, Inc.
Loewy-Hydropress, Div.-Baldwin-Lima-Hamilton
Magnetic Seal Corp.
Oil-Dyne, Inc.
Parker-Hannifin Corp.
Penn Fibre & Specialty Co., Inc.
Roberts Toledo Rubber Co., The
St. Marys Carbon Co.
Simplex Piston Ring Mfg. Co.
Sundstrand Turbo Div., Sundstrand Machine Tool
Co.
AIRCRAFT PRODUCTS, INC.

\*UNITED AIRCRAFT PRODUCTS, INC.
U. S. Hammered Piston Ring Co., Inc.

#### Insulating

Allied Plastic Supply Corp.
Auburn Mfg. Co., The
Auburn Mfg. Co., The
Auburn Mfg. Co., The
Auburn Spark Plug Co., Inc.
Bacon Industries, Inc.
Calfibe Co., Inc.
Conax Corp.
Continuental Diamond Fibre Corp., Sub.-The
Budd Co.
Emerson Plastics Corp.
Epoxy Products, Inc., Div.-Joseph Waldman &
Sons
Fanklin Fibre-Lamitex Corp.
Fusite Corp.
Garde Mfg. Corp.
La Pointe Industries Inc.
Walter Lee Chemical Corp.
Penn Fibre & Specialty Co., Inc.
Rubbercraft Sorp. of California
St. Marys Carbon Co.
Seaman Froducts
D. M. Steward Mfg. Co.
Synthane Corp.
L. I. Thompson Fiber Glass Co.
H. I. Thompson Fiber Glass Co.
Lo. St. Hammered Piston Ring Co., Inc.
Zophar Mills Inc.

#### Metal-To-Glass

Metal-To-Glass

Auburn Spark Plug Co., Inc.
Barium & Chemicals, Inc.
Carl Biggs Co.
Bios Labs., Inc.
Biwax Corp.
Carcoll Pressed Metal, Inc.
Cleveland Graphite Bronze Co., Div.-Clevite Corp.
L. Constantin & Co.
Corning Glass Works
Demornay-Bonardi
Edgerton, Germeshausen & Grier, Inc.
Electrical Industries, Div.-Philips Electronics, Inc.
Fusite Corp.
Garde Mig. Co.
Geisler Labs.
Gilmore Industries Inc.
Marblette Corp., The
McCormick Selph Associates
Micro-Wire Tungsten & Molybdenum Products
Pacific Universal Products Corp.
Penn Fibre & Specialty Co., Inc.
Philadelphia Scientific Glass Co.
Schlegel Mig. Co.
L. Sonneborn & Sons, Inc., Building Products Div.
Sylvania Electric Products Inc., Parts Div.
U. S. Hammered Piston Ring Co., Inc.
Wave Particle Corp.
X-Pando Corp.

#### Missile

Advanced Products Co., The

\*AMERICAN MACHINE & FOUNDRY CO.

Automatic & Precision Mig. Co.,
Bendix Products Div., Bendix Aviation Corp.,
Chicago-Allis Mig. Corp.,
Coxiol Connector Co., Inc.,
Connecticut Hard Rubber Co., The
Continental Diamond Fibre Corp., Sub.-The Budd
Co.
Emerson Plastics Corp.,
Fluorocarbon Co., Inc., The
Green, Tweed & Co.
Joclin Mig. Co.
Walter Lee Chemical Corp.
Linear, Inc.
Magnetic Seal Corp.
Penn Fibre & Specialty Co., Inc.
Progressive Research & Development Co., Inc.
Smith-Morris Corp.

Telectro Industries Corp.
U. S. Hammered Piston Ring Co., Inc.

Advanced Products Co., The
Anchor Packing Co., The
Anchor Packing Co., The
Bios Labs., Inc.
Chicago-Allis Mig. Corp.
Cleveland Graphite Bronze Co., Div.-Clevite
Corp.
Crane Packing Co.
Dumont Aviation Associates
Fluorocarbon Co. Inc., The
Green, Tweed & Co.
Hammett Electric Co.
Joclin Mig. Co.
Kasar Mig. & Distributing Co., Inc.
Walter Lee Chemical Corp.
Magnetic Seal Corp.
Progressive Research & Development Co., Inc.
Soberts Toledo Rubber Co., The
St. Marys Carbon Co.
Simplex Piston Ring Mig. Co.
\*UNITED AIRCRAFT PRODUCTS, INC.
U. S. Hammered Piston Ring Co., Inc.
Victor Mig. & Gasket Co.

#### Pipe Joint

Pipe Joint

Advanced Products Co., The Barium & Chemicals, Inc.
Bios Labs., Inc.
Continental Diamond Fibre Corp., Sub.-The Budd Co.
Crane Packing Co.
Eco Engrg. Co.
Fluorocarbon Co. Inc., The Green, Tweed & Co.
Joclin Mfg. Co.
Johns-Mansville Dutch Brand Div.
Walter Lee Chemical Corp.
Linear, Innifin Corp.
Parker-Hannifin Corp.
VINITED AIRCRAFT PRODUCTS, INC.
X.Pando Corp.

#### Pump

Allied Plastics Supply Corp.
Auburn Mig. Co., The
Chicago-Allis Mig. Corp.
Cleveland Graphite Bronze Co., Div.-Clevite
Corp.
Continental Diamond Fibre Corp., Sub.—The Continental Diamond Fibre Corp., Sub.—The Budd Co.
Crane Packing Co.
Eco Engra. Co.
Fluorocarbon Co. Inc., The Green, Tweed & Co.
Joclin Mfg. Co.
Kasar Mfg. & Distributing Co., Inc.
Walter Lee Chemical Corp.
Linear, Inc.
Magnetic Seal Corp.
Ohio Carbon Co., The
St. Marys Carbon Co.
Sundstrand Turbo Div., Sundstrand Machine Tool Co. \*UNITED AIRCRAFT PRODUCTS, INC.
U. S. Hammered Piston Ring Co., Inc.

#### Shaft

Auburn Mfg. Co., The Automatic & Precision Mfg. Co. Chicago-Allis Mfg. Corp. Cleveland Graphite Bronze Co., Div.-Clevite Corp. Continental Diamond Fibre Corp., Sub.-The Budd Co. Continental Diamond Fibre Corp., Sub.-Ine Budu Co.
Crane Packing Co.
Flexonics Corp
Graphite Metallizing Corp.
Green, Tweed & Co.
B. H. Hadley, Inc.
Joclin Mfg. Co.
Simpler Lee Chemical Corp.
Linear, Inc.
Magnetic Seal Corp.
Magnetic Seal Corp.
Neosil Products Co.
Ohio Carbon Co., Inc.
Progressive Research & Development Co., Inc.
Progressive Research & Development Co., Inc.
St. Marys Carbon Co.
Simplex Piston Ring Mfg. Co.
Sundstrand Turbo Div., Sundstrand Machine Tool
Co. Co. U. S. Hammered Piston Ring Co., Inc. Victor Mfg. & Gasket Co.

#### **SELENIUM**

Belmont Smelting & Refining Works, Inc. Belmont Smelting & Retning Works, Bios Labs, Inc. Bram Metallurgical & Chemical Co. Chase Brass & Copper Co., Inc. Green Rectifier Co. Hammett Electric Co. Winder Aircraft Corp. of Fla.

#### SEPARATION DEVICES

Aircraft Armaments, Inc. Atlantic Research Corp. \*COOPER DEVELOPMENT CORP.

Mechanical Div.-General Mills, Inc.
Propellex Chemical Corp.
Raymond Engrg. Laboratory, Inc.
Republic Aviation Corp., Guided Missiles Div.
Stanley Aviation Corp., Guided Missiles Div.
Stanley Aviation Co., The
Thieblot Aviation Co., Div.-Vitro Corp. of
America
Wickfield, Inc.
Winchester-West. Div.-Olin Mathieson Chem.
Corp. Corp.
Winder Aircraft Corp. of Fla.

#### SHEET METAL PARTS

ACF Industries, Inc., Advanced Products Div. Aerodex, Inc. Aircraft Mechanics, Inc. Altamil Corp. Aluminum Co., of America American Brass Co., The American Car & Foundry Div., ACF Industries, Inc.

\*AMERICAN MACHINE & FOUNDRY CO. Arnold Corp.

Arnolf Corp.
Atlantic Instrument Corp., Sub.-American Elec-

American Car & Foundry Div., ACF Industries, Inc.

\*\*MAERICAN MACHINE & FOUNDRY CO.

Arnolf Corp.
Aflantic Instrument Corp., Sub.-American Electronics, Inc.
Beaton & Corbin Mfg. Co., The
Butler Mfg. Co.
Chemical Contour Corp.
Conco Engra, Works

\*\*COOPER DEVELOPMENT CORP.
Cromer Mfg. & Engrg., Inc.
Dayton Mfg. Co., Inc.
J. P. DeVine Mfg. Co.
Elgin Micronics, West Coast Div.-Elgin National
Watch Co.
Elgin Micronics, West Coast Div.-Elgin National
Watch Co.
Falstrom Co.
Flexonics Corp.
Gasket Packing & Specialty Co., Inc.
General Railway Signal Co.
Flexonics Corp.
Gasket Packing & Specialty Co., Inc.
General Railway Signal Co.
Houston Fearless Corp.
Hard Metal Products Corp.
Ludwing Honold Mfg. Co.
Houston Fearless Corp.
Ludwing Honold Mfg. Co.
Houston Fearless Corp.
Ludwing Honold Mfg. Co.
Ingersoll Kalamazoo Div., Borg-Warner Corp.
\*KAIN & O. III.
Kaiser Aircraft & Electronics Div.-Kaiser Industries Fearless Corp.
King Metal Spining & Stamping Co.
\*LAMINATED Shilm Co.
La Pointe Industries Inc.
Kaiser Aircraft & Electronics Div.-Kaiser Industries Inc.
Modelin Co.
La Pointe Industries Inc.
\*LAYELLE AIRCRAFT CORP.
Longera Aircraft Co., Inc.
\*LYCOMING DIV., AVCO MFG. CORP.
R. C. Mahon Co., The
Henry & Miller Industries, Inc.
Modelin Co. Inc.
Opelika Welding, Machine, & Supply Inc.
Ozone Metal Products Corp.
Parish Pressed Steel, Div.-Dana Corp.
Peerless Products Industries
Permax Products Div., Chisholm-Ryder Co., Inc.
Peterson & Neville Inc.
Peterson & Neville Inc.
Republic Aviation Corp., Guided Missiles Div.
Revere Copper & Brass Inc.
Rohr Aircraft Co.
Specialties Mfg. Co., Inc.
Shandard Armament Inc.
Standard Armament Inc.
Stan

#### SHEETS, MOLYBDENUM

Eisler Engrg. Co., Inc. Elmet Div.-North American Philips Co., Inc. Fansteel Metallurgical Corp. Hart Metal Products Corp. Modglin Co. Inc.

#### SHIELDING

Allied Plastics Supply Corp. American Brass Co., The

American Brass Co., American Metal Hose Div. Bar-Ray Products, Inc.
Beaton & Corbin Mfg. Co., The
Beaton Smelling & Refining Works, Inc.
H. Braun Tool & Instrument Co., Inc.
Emerson & Cuming, Inc.
Emerson Plastics Corp.
Hallett Mfg. Co.
Skytronics
Supprepart Mfg. Co. Skytronics
Surprenant Mfg. Co.
Swedlow Plastics Co.
Zippertubing Co., The

#### Ferrite

General R-F Fittings, Inc.
Magnetic Shield Div.-Perfection Mica Co.
D. M. Steward Mfg. Co.
Thermo Materials, Inc.

#### Glass R-F

Calfibe Co., Inc. Continental Diamond Fibre Corp., Sub.-The Budd Co. General Cable Corp. Thompson Products,

#### Heat

Continental Diamond Fibre Corp., Sub-The Budd Continental Diamond Fibre Co.
Co.
Enflo Corp.
Enflo Corp.
Hastings Plastics Inc.
Hupp Aviation Co.
National Research Corp.
Royal Industries, Inc.
Swedlow Plastics Co.
Zippertubing Co., The
Zirconium Corp. of America

#### Lead

Alpha Metals, Inc.
Anchor Metal Co. Inc.
Bar-Ray Products, Inc.
Belmont Smelting & Refining Works, Inc.
Division Lead Co.
Gasket, Packing & Specialty Co. Inc.
Goldsmith Brothers Smelting & Refining Co.
Hallett Mfg. Co.
Marblette Corp., The
Zippertubing Co., The

Lead. Nuclear

\*AMERICAN MACHINE & FOUNDRY CO. AMERICAN MACHINE & FOUNDRY (
Anchor Metal Co. Inc.
Bar-Ray Products, Inc.
Division Lead Co.
G, W. Galloway Co.
Gasket, Packing & Specialty Co. Inc.
Marblette Corp., The
Nuclear Corp. of America, Inc.
Radiation Counter Labs., Inc.
Telectro Industries Corp.
Zippertubing Co., The

Magnetic

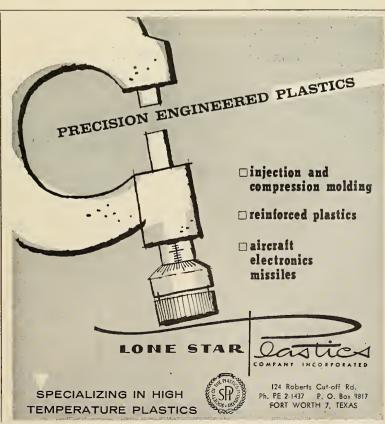
Arnold Engrg. Co., The Hallett Mfg. Co. Magnetic Shield Div.-Perfection Mica Co. Nuclear Corp. of America, Inc. Shielding Inc.
Telectro Industries Corp.
Titeflex, Inc.
Zippertubing Co., The

#### Radiation

\*Adiation
Allied Plastics Supply Corp.
\*AMERICAN MACHINE & FOUNDRY CO.
Anchor Metal Co. Inc.
Barium & Chemicals, Inc.
Bar-Ray Products, Inc.
Canadian Radium & Uranium Corp.
Corning Glass Works
Division Lead Co.
Fansteel Metallurgical Corp.
Garrett Corp., The, Air Cruisers Div.
Gasket, Packing & Specialty Co. Inc.
P. R. Mallory & Co. Inc.
Marblette Corp., The
McMillan Industrial Corp.
Metallurgical Products Dept., General Electric
Co. Co.
Nuclear Corp. of America, Inc.
Radiation Counter Labs., Inc.
Shielding Inc.
Telectro Industries Corp.
Twix Mfg. Co. Inc.
Zippertubing Co., The

#### Radiation, Nuclear

Allied Plastics Supply Corp.
\*AMERICAN MACHINE & FOUNDRY CO.
American Silver Co.
Bar-Ray Products, Inc.
Corning Glass Works



Division Lead Co. Firth Sterling Inc. Garrett Corp., The, Air Cruisers Div. Gasket, Packing & Specialty Co. Inc. Marblette Corp., The Metallurgical Products Dept., General Electric Norton Co. Nuclear Products-Erco, Div.-ACF Industries, Inc. Olin Mathieson Chemical Corp., High Energy Fuels Div.
Radiation Counter Labs., Inc.
Telectro Industries Corp.
Zippertubing Co., The

#### Radio

Aduburn Mfg. Co., The
Chester Cable Corp.
Co-Operative Industries, Inc.
Emerson & Cuming, Inc.
Emerson Plastics Corp.
Gasket, Packing & Specialty Co. Inc.
General Cable Corp.
Hallett Mfg. Co.
Magnetic Shield Div.-Perfection Mica Co.
Shielding Inc.
Telectro Industries Corp.
Winder Aircraft Corp. of Fla.
Zippertubing Co., The

#### Radio, Ignition

(Adio, Ignition

American Brass Co., American Metal Hose Div.

Auburn Mfg. Co., The

Birnbach Radio Co., Inc.

Connecticut Hard Rubber Co., The

Co-Operative Industries, Inc.

Flexible Metal Hose Mfg. Co.

General Cable Corp.

General Gasket Inc.

Hallett Mfg. Co.

J. E. Menaugh Co.

New England Electrical Works, Inc.

Servicair Co.

Shielding Inc.

Skytronics Shielding Inc.
Skytronics
Telectro Industries Corp.
Titeflex, Inc.
Zippertubing Co., The

#### Rubber

Allied Plastics Supply Corp.
Auburn Mfg. Co., The
Connecticut Hard Rubber Co., The
Continental Rubber Works
General Gasket Inc.
Magnetic Shield Div. Perfection Mica Co.
Roberts Toledo Rubber Co., The
Rogers Corp.
Western Felt Works

#### Sheet or Screen

Allied Plastics Supply Corp. Continental Diamond Fibre Corp., Sub.-The Budd Co.
Garrett Corp., The, Air Cruisers Div.
General Cable Corp.,
General Gasket Inc.
Magnetic Shield Div.-Perfection Mica Co.,
McMillan Industrial Corp.
Newark Wire Cloth Co.
Shielding Inc.

#### Solid

Chester Cable Corp., Continental Diamond Fibre Corp., Sub.-The Budd Hallett Mfg. Co.
Magnetic Shield Div.-Perfection Mica Co.
Shielding Inc.

#### Wire

Wire Corp.
Alpha Wire Corp.
American Brass Co., American Metal Hose Div.
Belden Mfg. Co.
Belden Mfg. Co.
Chester Cable Corp.
Consolidated Wire & Associated Companies
Co-Operative Industries, Inc.
Flexonics Corp.
General Cable Corp.
Hallett Mfg. Co.
Micro-Wire Tungsten & Molybdenum Products
New England Electrical Works, Inc.
Sittler Corp.
Surprenant Mfg. Co.
Western International Co.

#### SHIMS, LAMINATED \*LAMINATED SHIM CO.

#### SHOCK ABSORBER CORDS AND RINGS

Aerotec Corp., The Auburn Mig. Co., The Bendix Products Div., Bendix Aviation Corp. Rubbercraft Corp. of California

#### SHOCK ABSORBER LANDING GEAR

LANDING GEAR

Bendix Products Div., Bendix Aviation Corp.

Bridgwater Machine Co.
Cleveland Pneumatic Tool Co., The, Div.-Cleveland Pneumatic Industries, Inc.
Collins Engrg. Corp.
G. W. Galloway Co.
\*GREER HYDRAULICS, INC., BUFFALO HYDRAULICS DIV.
Hydra-Power Corp.
Menasco Mfg. Co.
Corone Metal Products Corp.
United Mfg. Co., The

#### SHOCK MOUNTS

SHOCK MOUNTS

Applied Design Co.
Bendix Products Div., Bendix Aviation Corp.
Bridawater Machine Co.
Calfibe Co., Inc.
Cleveland Pneumatic Tool Co., The, Div.—Cleveland Pneumatic Industries, Inc.
Columbia Research Labs.
Joe Davidson & Associates
Federal Shock Mount Div.—The Korfund Co.
Finn Aeronautical Div., T. R. Finn & Co., Inc.
General Cable Corp.
B. F. Goodrich Aviation Products
\*HOUDAILLE INDUSTRIES, INC., BUFFALO HYDRAULICS DIV.
Walter K. Jaros, Aircrafters
K. W. Johnson & Co., Inc.
MB Mfg. Co.
Roberts Toledo Rubber Co., The
Robinson Aviation, Inc.
Rubbercraft Corp. of California
Telectro Industries Corp.
Ucinite Co., The, Div.—United-Carr Fastener
Corp.
United Mfg. Co., The Ucinite Co., The, Div.—U Corp. United Mfg. Co., The United-Carr Fastener Corp.

#### SILICON

Arrowhead Products, Div.—Federal-Mogul-Bower Arrowhead Products, Div.—Federal-Mogs Bearings, Inc. Belmont Smelting & Refining Works, Inc. Bram Metallurgical & Chemical Co. Delta Chemical Works, Inc. Eagle-Picher Co., The Foote Mineral Co. Green Rectifier Co.

#### SILICONE RUBBER

Allied Plastics Supply Corp.
Arrowhead Products, Div.—Federal-Mogul-Bower
Bearings, Inc.
Auburn Mig. C., The
Auburn Spark Plug Co., Inc.
Chicago-Allis Mig. Corp.
Connecticut Hard Rubber Co., The
Conlinental Diamond Fibre Corp. Sub.—The
Budd Co.
Continental Diamond Fibre Corp. Sub.—The
Budd Co.
Continental Rubber Works
Delta Chemical Works, Inc.
Eagle-Picher Co., The
Emerson Plastics Corp.
Garrett Corp., The, Air Cruisers Div.
General Gasket Inc.
B. F. Goodrich Aviation Products
Hewitt-Robins, Inc.
New England Tape Co. Inc.
Pacific Moulded Products Co.
Raybestos-Manhattan, Inc.
Rogers Corp.
Rubbercraft Corp. of California
Silicone Products Det., General Electric Co.
Silicones Div.—Union Carbide Corp.

#### SILVER & ALLOYS

SILVER & ALLOYS

Allied Research & Engrg., Div.—Allied Record Mfg. Co.
Alpha Metals, Inc.
American Brazing Alloys Co.
American Brazing Alloys Co.
American Silver Co.
Anchor Metal Co. Inc.
Attleboro Refining Co. Inc.
Belmont Smelting & Refining Works, Inc.
J. Bishop & Co. Platinum Works
Bram Metallurgical & Chemical Co.
Dalweld Co., Inc.
Delta Chemical Works, Inc.
Division Lead Co.
Eastern Smelting & Refining Corp.
Engelhard Industries Inc., D. E. Makepeace Div.
Goldsmith Brothers Smelting & Refining Co.
Handy & Harman
Leach & Garner Co., Industrial Div.
Metals & Controls Corp.
Superior Carbon Products, Inc.
Tricon Mfg. Co.

#### SILVER PASTE

All-State Welding Alloys Co., Inc. American Silver Co. Anchor Metal Co. Inc. Attleboro Refining Co. Inc.

Emerson & Cuming, Inc. Handy & Harman Naz-Dar Co.

#### SLEEVES, NON-METALLIC

Allied Plastics Supply Corp.
Arrowhead Products, Div.—Federal-Mogul-Bower Bearings, Inc.
Auburn Mfg. Co., The
Auburn Spark Plug Co., Inc.
Borden Chemical Co., The, Div.—The Borden
Co., Resinite Dept.
William Brand & Co., Inc.
Caffibe Co., Inc.
Cantinental Diamond Fibre Corp., Sub.—The
Budd Co.
Diamonite Products Mfg. Co.
Electronic Techniques, Inc.
Emerson Plastics Corp.
Enflo Corp.
Franklin Fibre-Lamitex Corp.
Gatke Corp.
Graphite Metallizing Corp.
Walter K. Jaros, Aircrafters
Joclin Mfg. Co.
Jodee Plastics Co.
J. E. Menaugh Co.
Peerless Products Industries
Progressive Research & Development Co., Inc.
Resistofiex Corp.
Rubbercraft Corp. of California
Silicone Insulation, Inc.
Synthane Corp.
Varflex Corp.
Zippertubing Co., The

#### SLEEVES, TUBE

Allied Plastics Supply Corp.
Amatom Electronic Hardware Co. Inc.
Arrowhead Products, Div.—Federal-Mogul-Bower
Bearings, Inc.
Auburn Spark Plug Co., Inc.
William Brand & Co., Inc.
Century Fasteners Corp.
Dumont Aircraft Fitting Co.
Electronic Techniques, Inc.
Emerson Plastics Corp.
Enflo Corp.
Fromson Orban Co., Inc.
General Cable Corp.
General Cable Corp.
General Cable Corp.
General Cable Corp.
Walter K. Jaros, Aircrafters
Kerns Mfg. Corp.
\*\*LYCOMING DIV.\*\* AVCO MFG. CORP.
Orange Roller Bearing Co., Inc.
Peerless Products Industries
Progressive Research & Development Co., Inc.
Resistoflex Corp.
Roll Formed Products Co.
Silicone Insulation, Inc.
Technical Oil Tool Corp.
Varflex Corp.
Weatherhead Co., The
Westline Products Div., Western Lithograph Co.

#### SLEEVING

Allied Plastics Supply Corp.
Alpha Wire Corp.
Arrowhead Products, Div.—Federal-Mogul-Bower
Bearings, Inc.
B. & C. Insulation Products, Inc.
Borden Chemical Co., The, Div.—The Borden Co.,
Resinite Dept.
William Brand & Co., Inc.
Continental Diamond Fibre Corp., Sub.—The
Budd Co.
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This miniature acceleration operated switch is designed for missile opplications requiring positive switch functions at first motion, during, or after boost. Versatile locking arrongement permits cycling or recycling of switch during voriaus phoses af flight (requires 30 wott signol). It is conservatively roted and is designed for expendable one-time use

The switch may be pre-set to activate at any firstmotion level between 5 and 20 G's longitudinol occeleration. Average transverse occelerations can be tolerated during operation. Design permits locking or unlocking at occelerations 10 G's in excess of pre-set level. Switch functions within 50 milliseconds ofter reaching operational acceleration.

#### ADVANTAGES:

- Smoll size, uses stondard BuOrd #18 synchro mount.
- Light weight, approximately 12 ounces (depending on
- Rugged, Meets military specifications for aircraft and missile use.
- Stondard switch arrongements: 5 SPST moke, breok, or pulse. Custom arrongements available with minimum delay.
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- Over-all triggering sensitivity: —65 DBM
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- Image rejection: 50 db minimum
- Peak transmitter power output: 100 watts minimum Transmitter pulse width: 0.75 microseconds
- Transmitter repetition rate: 200-1,000 pps
- Transmitter stability: ±2 megacycles per second
- Transmitter frequency range: 2850 to 2950 mc
  Size: 9" x 514" x 5"
  Weight: 8 lbs.

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- Input Power: 80 wotts Size: 7" x 5" x 434"
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General Cable Corp.
Green, Tweed & Co.
Raybestos-Manhattan, Inc.
Union Asbestos & Rubber Co.

#### Coated and Impregnated

Coated and Impregnated
Allied Plastics Supply Corp.
American Cord & Webbing Co., Inc.
Arno Adhesive Tapes, Inc.
Auburn Mig. Co., The
William Brand & Co., Inc.
Connecticut Hard Rubber Co., The
Continental Diamond Fibre Corp., Sub.—The
Budd Co.
Duracote Corp.
General Plastics Corp. of New Jersey
Green, Tweed & Co.
Johns-Mansville Dutch Brand Div.
Narmco Resins & Coatings Co.
Silicones Div.-Union Carbide Corp.
Union Asbestos & Rubber Co.
Warren Wire Co.

#### Electrical Insulation

Electrical Insulation

Allied Plastics Supply Corp.
Anchor Packing Co., The
Anuburn Mig. Co., The
Borden Chemical Co., The, Div.- The Borden Co.
William Brand & Co., Inc.
Connecticut Hard Rubber Co., The
Confinental Diamond Fibre Corp., Sub.—The
Budd Co.
Crane Packing Co.
Dixon Corp.
Enflo Corp.
Joclin Mig. Co.
Johns-Mansville Dutch Brand Div.
New England Tape Co. Inc.
Okonite Co., The
Silicones Div.-Union Carbide Corp.
Surprenant Mig. Co.
H. I. Thompson Fiber Glass Co.
Warren Wire Co.
\*\*WESTINGHOUSE ELECTRIC CORP.

#### Fabric

Allied Plastics Supply Corp.
American Cord & Webbing Co., Inc.
Arno Adhesive Tapes, Inc.
Atlas Asbertos Co.
W. H. Brady Co.
William Brand & Co., Inc.
C. R. Daniels, Inc.
Duracote Corp.
Hastings Plastics Inc.
Johns-Mansville Dutch Brand Div.
Reeves Brothers Inc., Vulcan Rubber Products
Div.
Schlegel Mfa. Co. Schlegel Mfg. Co. A. T. Stevens Co. Warren Wire Co.

#### Friction

Allied Plastics Supply Corp.
Anchor Packing Co., The
Continental Rubber Works
Joclin Mfg. Co.
Johns-Mansville Dutch Brand Div.
Okonite Co., The

#### Heat Resistant

Heat Resistant

Allied Plastics Supply Corp.
American Cord & Webbing Co., Inc.
Anchor Packing Co., The
Arno Adhesive Tapes, Inc.
Auburn Mfg. Co., The
William Brand & Co., Inc.
Connecticut Hard Rubber Co., The
Continental Diamond Fibre Corp., Sub-The Budd
Co.,
General Cable Corp.
General Plastics Corp. of New Jersey
Joclin Mfg. Co.
Johns-Mansville Dutch Brand Div.
Silicones Div.-Union Carbide Corp.
Union Asbestos & Rubber Co.
Warren Wire Co.

#### Plastic

Plastic

Allied Plastics Supply Corp.
American Cord & Webbing Co., Inc.
Anchor Packing Co., The
Auburn Mig. Co., The
Borden Chemical Co., The, Div.-The Borden Co.,
Resinite Dept.
W. H. Brady Co.
William Brand & Co., Inc.
Chart-Pak, Inc.,
Continental Rubber Works
Crane Packing Co.
Dixon Corp.
Duracote Corp.
Duracote Corp.
Duracote Corp.
Hastings Plastics Inc.
Joclin Mig. Co.
Johns-Mansville Dutch Brand Div.
New England Tape Co. Inc.
Okonite Co., The
Rex Corp., The
Rex

#### Pressure Sensitive

Pressure Sensitive

Allied Plastics Supply Corp.
Armstrong Cork Co.
Arno Adhesive Tapes, Inc.
W. H. Brady Co.
William Brand & Co., Inc.
Chart-Pak, Inc.
Connecticut Hard Rubber Co., The
Continental Diamond Fibre Corp., Sub.-The
Budd Co.
Dilectrix Corp.
Duracote Corp.
Enflo Corp.
Flexrock Co.
General Plastics Corp. of New Jersey
Joclin Mig. Co.
Johns-Mansville Dutch Brand Div.
Master Tape Printers
Naz-Dar Co.
Roovers-Lotson Corp.
Silicones Div.-Union Carbide Corp.
Sohl Co., The
Topflight Corp.
Warren Wire Co.
Westline Products Div., Western Lithograph Co.

#### Rubber, Natural and Synthetic

Allied Plastics Supply Corp.
Armstrong Cork Co.,
Auburn Mfg. Co., The
Connecticut Hard Rubber Co., The
Continental Rubber Works
Duracote Corp.
Johns-Mansville Dutch Brand Div.
Okonite Co., The
Raybestos-Manhattan, Inc.
Rubbercraft Corp. of California
Silicones Div.-Union Carbide Corp.

#### TEFLON

TEFLON

Allied Platfics Supply Corp.
Allied Research & Engrg., Div.-Allied Record
Mfg. Co.
Alpha Wire Corp.
American Felt Co.
Anchor Packing Co., The
Auburn Mfg. Co., The
Auburn Mfg. Co., Inc.
N. S. Baer Co.
Belden Mfg. Co.
Birnbach Radio Co., Inc.
Bram Metallurgical & Chemical Co.
Chicago-Allis Mfg. Corp.
Continental Diamond Fibre Corp., Sub.-The
Budd Co.
Crane Packing Co.
Crystal-X Corp.
Darcoid Co., Inc., The
Delta Chemical Works, Inc.
Dilectrix Corp.
Dixon Carp.
Emerson Plastics Corp.

Enflo Corp.
Engineered Plastics, Inc.
Flexrock Co.
Fluorocarbon Co. Inc., The
Franklin Fibre-Lamifex Corp.
Garrett Corp., The, Air Cruisers Div.
Gasket, Packing & Specialty Co. Inc.
General Plastics Corp. of New Jersey
Green, Tweed & Co.
Halogen Insulator & Seal Corp.
Illumitronic Engra. Co.
Joclin Mig. Co.
Walter Lee Chemical Corp.
Thomas J. Long, Inc.
J. E. Menaugh Co.
Mica Fabricating Co.
Olin Mathieson Chemical Corp., High Energy
Fuels Div.
Raybestos-Manhattan, Inc.
Resistoflex Corp.
Rex Corp., The
Rogers Corp.
St. Regis Paper Co.
Schlegel Mig. Co.
A. T. Stevens Co.
Surprenant Mig. Co.
Ounted Supply Co.
United Supply Co.
United Supply Co.
United Supply Co.
Western International Co.
TIN & ALLOYS

#### TIN & ALLOYS

Accurate Specialties Co. Inc.
Alpha Metals, Inc.
Anchor Metal Co. Inc.
Belmont Smelting & Refining Works, Inc.
Bow Solder Products Co., Inc.
Bram Metallurgical & Chemical Co.
Delta Chemical Works, Inc.
Division Lead Co.
Johnson Mfg. Co., Inc.
Warren Wire Co.

#### TINNING, HOT DIPPED

Alpha Metals, Inc. Dwyer Engrg. Co., Inc. Hart Metal Products Corp.

#### TITANIUM

American Car & Foundry Div., ACF Industries, Inc.
American Silver Co.
Belmont Smelting & Refining Works, Inc.
Bram Metallurgical & Chemical Co.
Bridgeport Brass Co.
Delta Chemical Works, Inc.
Wilbur B. Driver Co.
Eisler Engrg. Co., Inc.
Firth Sterling Inc.
Foote Mineral Co.
Hart Metal Products Corp.
Johnston & Funk Titanium Corp.
P. R. Mallory & Co. Inc.
\*\*MALLORY-SHARON METALS CORP.
Metals & Controls Corp.
Thiebolt Aviation Co., Div.-Vitro Corp. ef
America
Thompson Products, Inc.
Titanium Metals Corp. of America
Twix Mfg. Co., Inc. American Car & Foundry Div., ACF Industries,

#### TRIM TABS

Aircraft Mechanics, Inc.
All American Aircraft Products, Inc.
Husmann Aircraft Div.
Javelin Aircraft Co. Inc.
Kaiser Aircraft & Electronics Div.-Kaiser Industries Corp.
Longren Aircraft Co., Inc.
Modglin Co. Inc.
Rohr Aircraft Corp.
Ryan Aeronautical Co.
Sohl Co., The
Talley Corp., The
Westholt Mfg. Co.
Woolf Aircraft Products, Inc.

#### TUBING

Allied Plastics Supply Corp.
Allied Research & Engrg., Div.-Allied Record
Mfg. Co.
American Brass Co., American Metal Hose Div.
Arrowhead Products, Div.-Federal-Mogul-Bower
Bearings, Inc.
Babcock & Wilcox Co. Tubular Products Div.
Bridgeport Brass Co.
California Aircraft Products
Carpenter Steel Co., The
Chase Brass & Copper Co., Inc.
Crucible Steel Co. of America
Delfa Chemical Works, Inc.
Empire State Aluminum Corp.
Engelhard Industries Inc., D. E. Makepeace Div.
Hahn & Clay
Haynes Stellite Co., Div.-Union Carbide Corp.
Thomas J. Long, Inc.
Metals & Controls Corp.
National Copper & Smelting Co.
Precision Tube Co., Inc.

Harl Metal Products Corp.
Harver Aluminum & Chemical Sales, Inc.
Lis Pointe Industries Inc.
R. 1, Metpro, Inc.
Precision Tube Co., Inc.
Revere Copper & Bras Inc.
Pohr Aircraft Corp.
Roll Formed Products Co.
Joseph T. Ryerson & Son, Inc.
South River Metal Products Co., Inc.
Standard Metals Corp.
\*\*RASHINGTON ALUMINUM CO., INC.
Zippertubing Co., Tine

#### Asbestos

Asbestos

Allied Prastics Supply Corp.

Allias Asbestos Co. The
Continental D'amond Fibre Corp. Sub-The
Budd Co.
Darcoid Co., Inc., The
Delta Chemical Works, Inc.,
General Plast ics Corp. of New Jersey
R. I. Metpro, Inc.
Paramount Paper Tube Corp.
Raybestos-Manhattan, Inc.

#### Brass or Copper

Brass or Copper

Allied Researc & Engrg., Div. Allied Record
Mfg. Co.
American Brass Co., The
\*\*AMERICAN TUBE BENDING CO., INC.
Ampco Metal Inc.
Anchor Coupling Co, Inc.
Bram Metallurgical & Chemical Co.
Bridgeport Brass Co.
Chase Brass & Copper Co., Inc.
Delta Chemical Works, Inc.
Engelhard Industries Inc., D. E. Makepeace Div.
Fromson Orban Co., Inc.
Leach & Garner Co., Industrial Div.
R. I. Metro, Inc.
Leach & Gorner Co., Inc.
Roll Formed Products Co.
Springfield Brass Co.
Standard Metals Corp.

#### Capillary

Aprillary
Allied Plastics Supply Corp.
Allied Research & Engrg., Div. Allied Record
Mfg. Co.
American Brass Co., The
J. Bishop & Co., Platinum Works
Bridgeport Brass Co.,
Delta Chemical Works, Inc.
Fromson Orban Co., Inc.
New England Electrical Works, Inc.
Precision Tube Co., Inc.
Revere Copper & Brass Inc.
Service Steel
Superior Tube Co.

American Lava Corp.
Auburn Spark Plug Co., Inc.
Corning Glass Works
Delta Chemical Works, Inc.
Diamonite Products Mfg. Co.
Electric Auto-Life Co., The
Electrical Refractories Co., The
Electrical Mechanics, Inc.
Erie Resistor Corp.
Isolantite Mfg. Corp.
Lapp Insulator Co., Inc., Radio Specialties Div.

Maryland Lava Co.
Mica Fabricating Co.
Morganite, Inc.
Chester Morton Electronics Corp.
Norton Co.
Resdel Corp.
Saxonburg Ceramics
D. M. Steward Mfg. Co.
Thermo Materials, Inc.
Western Gold & Platinum
Zirconium Corp. of America

Raybostis-Manhattan, Inc.
Repuc . Steel Corp.
Caster Copper & Brass Inc.
Purce raft Corp. of California
Rain Aeronautical Co.
Si Regis Paper Co.
Superior Tube Co.
Superior Tube Co.
Synthane Corp.
Tube Reducing Corp.
Wallingford Steel Co.
Western International Co.
Zippertubing Co., The

Aluminum

All Boro Metal Products Co., Inc.
All Boro Metal Products Co., Inc.
All Boro Metal Products Co., Inc.
Aluminum Co. of America
Brass Co. The
Div. Federal-Mogul-Bower

Div. Federal-Mogul-Bower

Brass Co., The
Div. Federal-Mogul-Bower

Brass Co., The
Continental Diamond & Fibre Corp., Sub. The
Budd Co.
Emerson Platics Corp.
Engineered Plastics, Inc.
Franklin Fibre-Lamiter Corp.
General Cement Mfg. Co., Div. Textron Inc.
Magnet's Shield Div. Perfection Mica Co.
Mica Fabricating Co.
Paramount Paper Tube Corp.
Rogers Corp.
Spaulding Fibre Co., Inc.

Griscom Russell Co., The Revere Copper & Brass Inc. Rohr Aircraft Corp.

#### Flexible Metal

Flexible Metal
Allied Plastics Supply Corp.
American Brass Co., The
American Brass Co., American Metal Hose Div.
Arrowhead Products Div.—Federal-Mogul-Bower
Bearings, Inc.
Avica Corp.
Co-Operative Industries, Inc.
D K Mig. Co.
Delta Chemical Works, Inc.
Flexible Metal Hose Mfg. Co.
General Cable Corp.
Hallett Mig. Co.
Johnson Metal Hose, Inc.
Rodney Metals Inc.
Servicair Co.
Servicair Co.
Sytytonics Skytronics Stainless Steel Products, Inc. Titeflex, Inc.

#### Fused Quartz

Bram Metallurgical & Chemical Co.
Delta Chemical Works, Inc.
Kemlite Laboratories, Inc.
Thermal American Fused Quartz Co., Inc.

#### Glass Fibre Insulation

Glass Fibre Insulation

Allied Plastics Supply Corp.
Alpha Wire Corp.
American Super Temperature Wires Inc.
Arrowhead Products, Div.—Federal-Mogul-Bower
Bearings, Inc.
B. & C. Insulation Products, Inc.
Birnbach Radio Co., Inc.
William Brand & Co., Inc.
Calfibe Co., Inc.
Continental Diamond Fibre Corp., Sub.The
Budd Co.
Duracote Corp.
Emerson Plastics Corp.
Franklin Fibre-Lamitex Corp.
Hitemp Wires, Inc.
Lamtex Industries, Inc.
Mica Fabricating Co.
Silicone Insulation, Inc.
Synthane Corp.
H. I. Thompson Fibre Glass Co.
Varflex Corp.
Warren Wire Co.
Zippertubing Co., The

#### Glass Precision

Allied Plastics Supply Corp.
Semon Bache & Co.
\*\*BAUSCH & LOMB OPTICAL CO.
Corning Glass Works
Delta Chemical Works, Inc.
Pacific Universal Products Corp.

#### Metal and Alloy

All Boro Metal Products Co., Inc. All Boro Metal Products Co., Inc.
Aluminum Co. of America
\*AMERICAN TUBE BENDING CO., INC.
Ampco Metal, Inc.
Arrowhead Products, Div.-Federal-Mogul-Bower
Bearings, Inc.
Babcock & Wilcox Co. Tubular Products Div.
J. Bishop & Co. Platium Works
Bram Metallurgical & Chemical Co.
California Aircraft Products
Crucible Steel Co. of America
Delta Chemical Works, Inc.
Dow Chemical Co., The
Engelhard Industries Inc., D. E. Makepeace Div.

Hahn & Clay
Haynes Stellite Co., Div.-Union Carbide Corp.
Leach & Garner Co., Industrial Div.
Metals & Controls Corp.
R. I. Metpro, Inc.
Ohio Seamless Tube Div.-Copperweld Steel Co.
Precision Tube Co., Inc.
Resistoflex Corp.
Revere Copper & Brass Inc.
Rohr Aircraft Corp.
Roll Formed Products Co.
Service Steel
Standard Metals Corp.
Superior Tube Co.
Timken Roller Bearing Co., The
Tifelex, Inc.
Tube Methods Inc.
Tube Methods Inc.
Tube Methods Inc.
Tube Roller Bearing Co., Wallingford Steel Corp.
Wallingford Steel Co.

#### Metal Hose, Flexible

MIETAL MOSE, PIEXIDIE

Allied Plastics Supply Corp.
American Brass Co., The
American Brass Co., The
American Brass Co., American Metal Hose Div.
Arrowhead Products, Div.-Federal-Mogul-Bower
Bearings, Inc.
Avica Corp.
Co-Operative Industries, Inc.
D K Mfg. Co.
Federal Metal Hose Corp.
Flexible Metal Hose Mfg. Co.
Flexible Corp. Flexible Metal Hose Mig. Co. Flexonics Corp. Hallett Mig. Co. Rodney Metals Inc. Servicair Co. Stainless Steel Products, Inc. Titeflex, Inc. Zippertubing Co., The

#### Mica

Allied Plastics Supply Corp.
Auburn Spark Plug Co., Inc.
Bram Metallurgical & Chemical Co.
William Brand & Co., Inc.
Continental Diamond Fibre Corp., Sub.-The
Budd Co.
Delta Chemical Works, Inc.
Magnetic Shield Div.-Perfection Mica Co.
Mica Fabricating Co.

#### Molybdenum

J. Bishop & Co. Platium Works
Bram Metallurgical & Chemical Co.
Bridgeport Brass Co.
Delta Chemical Works
Eisler Engrg. Co., Inc.
Fansteel Metallurgical Corp.
Micro-Wire Tungsten & Molybdenum Products
Ryan Aeronautical Co.,
Tube Distributors Co., Inc.

#### Monel

Monel

\*AMERICAN TUBE BENDING CO., INC.
J. Bishop & Co. Platinum Works
Bram Metallurgical & Chemical Co.
Crucible Steel Co. of America
Delta Chemical Works, Inc.
Hahn & Clay
Precision Tube Co., Inc.
Ryan Aeronautical Co.
Superior Tube Co.
Tube Distributors Co., Inc.
Tube Reducing Corp.

#### Nickel

Allied Research & Engrg., Div.-Allied Record Allied Research & Engra, Div.-Allied Mfg. Co.

\*MMERICAN TUBE BENDING CO., INC.
J. Bishop & Co., Platinum Works
Bram Metallurgical & Chemical Co.
Crucible Steel Co. of America
Delta Chemical Works, Inc.
Hahn & Clay
R. I. Metpro, Inc.
Precision Tube Co., Inc.
Superior Tube Co., Inc.
Tube Reducing Corp.

#### Paper

Allied Plastics Supply Corp.
Continental Diamond Fibre Corp., Sub.-The
Budd Co.
Paramount Paper Tube Corp.
Penn Fibre & Specialty Co., Inc.
Rogers Corp.

#### Phenolic

Allied Plastics Supply Corp.
Aristocrat Plastics, Inc.
Arrowhead Products, Div.-Federal-Mogul-Bower
Bearings, Inc.
Auburn Mfg. Co., The
N. S. Baer Co.
Continental Diamond Fibre Corp., Sub.-The
Budd Co.
Crystal-X Corp.
Eliay Corp.
Emerson Plastics Corp.

Engineered Plastics, Inc.
Fluorocarbon Co. Inc., The
Franklin Fibre-Lamitex Corp.
Illumitronic Engra. Co.
Thomas J. Long, Inc.
Marblette Corp., The
Penn Fibre & Specialty Co., Inc.
Rogers Corp.
St. Regis Paper Co.
Science House, Inc.
Spaulding Fibre Co., Inc.
Syaulding Fibre Co., Inc.
Syaulding Fibre Co., Inc.
Waterbury Companies, Inc.
Western International Co.
Westlake Plastics, CrystalX Corp.

#### Plastic

Plastic

Allied Plastics Supply Corp.
Alpha Wire Corp.
American Agile Corp.
American Agile Corp.
American Brass Co., American Metal Hose Div.
American Buper Temperature Wires Inc.
Aristocrat Plastics, Inc.
Arowhead Products, Div.-Federal-Mogul-Bower
Bearing, Inc.
Brinbach Radio Co., The
Brinbach Radio Co., The, Div.-The Borden Co.,
Resinite Dept.
William Brand & Co., Inc.
Chicago Gasket Co.
Columbia Rope Co.
Columbia Rope Co.
Columbia Rope Co.
Continental Diamond Fibre Corp., Sub.-The
Budd Co.
Crane Packing Co.
Crystal X Corp.
Dixon Corp.
Eliay Corp.
Emerson Plastics Corp.
Ingineered Plastics Corp.
General Plastics Corp.
Ingineered Plastics Corp.
Ingineered Plastics Corp.
Ingineered Plastics Corp.
Illumitronic Engrg. Co.,
Imperial Brass Mig.
Co., Inc.
United States Stee Corp.
Resistoflex Corp.
Variew Inc.
Silicone Insulation, Inc.

N. L. Snyder & Son, Inc.
Science House, Inc.
Silicone Insulation, Inc.
Westlake Plastics, Crystal X Corp.
Wastlake Plastics, Crystal X Corp.
Westline Products Div., Western Lithograph Co.
Zippertubing Co., The
Precious Metal Precious Metal

recious Metal
Allied Research & Engrg. Div. Allied Record
Mfg. Co.
Arrowhead Products, Div. Federal Mogul-Bower
Bearings, Inc.
J. Bishop & Co. Platinum Works
Bram Metallurgical & Chemical Co.
Delta Chemical Works, Inc.
Eastern Smelting & Refining Corp.
Engelhard Industries Inc., D. E. Makepeace Div.
Leach & Garner Co., Industrial Div.
Metals & Controls Corp.
Standard Metals Corp.
Tricon Mfg. Co.

Seamless
All Boro Metal Products Co., Inc.
American Brass Co. The
\*AMERICAN TUBE BENDING CO., INC.
Ampco Metal, Inc.
Anchor Coupling Co. Inc.
Babcock & Wilcox Co. Tubular Products Div.
J. Bishop & Co. Platinum Works
Bram Metallurgical & Chemical Co.
Delfa Chemical Works, Inc.
G. M. Dykes Iron Works, Inc.
Electric Steel Foundry Co.
Engelhard Industries Inc., D. E. Makepeace Div.
Fromson Orban Co., Inc.
Leach & Garner Co., Industrial Div.
Metals & Controls Corp.
Ohio Seamless Tube Div.-Copperweld Steel Co.
Precision Tube Co., Inc.
Revere Copper & Brass Inc.
Roll Formed Products Co.
Service Steel
Standard Metals Corp.
Superior Tube Co.
Timken Roller Bearing Co., The

Tube Distributors Co., Inc. Tube Methods Inc. Tube Reducing Corp. United States Steel Corp. Varflex Corp.

Allied Research & Engrg., Div.-Allied Record Mfg. Co.
Bram Metallurgical & Chemical Co.
Detta Chemical Works, Inc.
Eastern Smelting & Refining Corp.
Engelhard Industries Inc., D. E. Makepeace Div.
Goldsmith Brothers Smelting & Refining Co.
Handy & Harman
Leach & Garner Co., Industrial Div.
Metals & Controls Corp.
Republic Steel Corp.
Standard Metals Corp.
Tricon Mfg. Co.

Babcock & Wilcox Co. Tubular Products Div.
J. Bishop & Co. Platinum Works
California Aircraft Products
Crucible Steel Co. of America
Delta Chemical Works, Inc.
G. M. Dykes Iron Works, Inc.
Electric Steel Foundry Co.
Engelhard Industries Inc., D. E. Makepeace Div.
Fromson Orban Co., Inc.
Hahn & Clay
Luria Engra. Co.
R. I. Metpro, Inc.
Ohio Seamless Tube Div.-Copperweld Steel Co.
Precision Tube Co., Inc.
Republic Steel Corp.
Revere Copper & Brass Inc.
Rodney Metals Inc..
Ryan Aeronautical Co.
Joseph T. Ryerson & Son, Inc.
Service Steel
Superior Tube Co., Timken Roller Bearing Co.,
Timken Roller Bearing Co., The
Tube Distributors Co., Inc.
Tube Reducing Corp.
United States Steel Corp.

#### Steel, Stainless

Steel, Stainless

All Boro Metal Products Co., Inc.

\*AMERICAN TUBE BENDING CO., INC.
Babcock & Wilcox Co., Tubular Products Div.

J. Bishop & Co. Platium Works
Bram Metallurgical & Chemical Co.
Callicrnia Aircraft Products
Carpenier Steel Co., The, Alloy Tube Div.
Chase Brass & Copper Co., Inc.
Crucible Steel Co. of America
Delta Chemical Works, Inc.
Electric Steel Foundry Co.
Englehard Industries Inc., D. E. Makepeace Div.
Firth Steling Inc.
Flexonics Corp.
Fromson Orban Co., Inc.
Hahn & Clay
Hart Metal Products Corp.
Luria Engrg. Co.
R. I. Metpro, Inc.
Portland Copper & Tank Works, Inc.
Precision Tube Co., Inc.
Rodney Metals Inc.
Rohr Aircraft Corp.
Ryan Aeronautical Co.
Joseph T. Ryerson & Son, Inc.
Service Steel
Stainless Steel Products, Inc.
Superior Tube Co.
Timken Roller Bearing Co., The
Tube Distributors Co., Inc.
Tube Methods Inc.
Cube Reducing Corp.
United States Steel Corp.
Wallingford Steel Corp.
Wallingford Steel Co.

#### Tantalum

Bram Metallurgical & Chemical Co. Delta Chemical Works, Inc. Fansteel Metallurgical Corp. Hart Metal Products Corp. Metals & Controls Corp.

#### Titanium

Fitanium

Babcock & Wilcox Co. Tubular Products Div.
Bram Metallurgical & Chemical Co.
Bridgeport Brass Co.
Carpenter Steel Co., The, Alloy Tube Div.
Crucible Steel Co. of America
Delta Chemical Works, Inc.
Eisler Engrg. Co., Inc.
Firth Sterling Inc.
Flexonics Corp.
Hart Metal Products Corp.
Harvey Aluminum
Johnston & Funk Titanium Corp.
Metals & Controls Corp.
Ryan Aeronautical Co.
Superior Tube Co.
Titanium Metals Corp. of America
Tube Reducing Corp.
Wallingford Steel Co.

#### Tungsten

Bergen Carbide Co. Delfa Chemical Works, Inc. Eisler Engra, Co., Inc. Fansteel Metallurgical Corp. Micro-Wire Tungsten & Molybdenum Products

#### Varnished Cambric Insulation

Allied Plastics Supply Corp.
Alpha Wire Corp.

8. & C. Insulation Products. Inc.
William Brand & Co., Inc.
Continental Diamond Fibre Corp., Sub.-The
Budd Co.
Varflex Corp.

#### Varnished or Lacquered

Arnished of Lacquered Allied Plastics Supply Corp. Alpha Wire Corp. B. & C. Insulation Products, Inc. Birnbach Radio Co., Inc. William Brand & Co., Inc. Paramount Paper Tube Corp. St. Regis Paper Co. Varifex Corp.

#### Woven or Knitted Wire

Alpha Wire Corp. J. Bishop & Co., Platinum Works Cambridge Wire Cloth Co., The Naz-Dar Co. Science House, Inc.

#### VARNISH

Krylon, Inc. Naz-Dar Co. Silicones Div.-Union Carbide Corp. L. Sonneborn & Sons, Inc. Building Products Div. United States Varnish Co.

#### VENTURI TUBES

Aero Research Instrument Co. Inc.
Allied Research & Engrg. Div.-Allied Record
Mfg. Co.
Beaton & Corbin Mfg. Co., The
Commercial Shearing & Stamping Co.
\*COOPER DEVELOPMENT CORP.
\*DIVERSEY ENGRG. CO.
Walter K. Jaros, Aircrafters
Kaiser Aircraft & Electronics Div.-Kaiser Indus
tries Corp.
Machine Engrg. Co. Inc.
National Airoil Burner Co.
Pressed Steel Tank Co.
Ryan Aeronautical Co.
\*C. W. TORNGREN CO., INC.

VESSELS

Acme Welding Div., The United Tool & Die Co.
\*\*COOPER DEVELOPMENT CORP.
J. P. Devine Mfg. Co.
\*\*DIVERSEY ENORG. CO.
G. W. Galloway Co.
8. F. Goodrich Aviation Products
Hoke Inc.
Houston Fearless Corp.
Kaiser Aircraft & Electronics Div.-Kaiser Industries Corp.
R. C. Mahon & Co., The
Parterson Foundry & Machine Co., The
Parterson Foundry & Machine Co., The
Partland Copper & Tank Works Inc.
Portland Copper & Tank Works Inc.
Spincraft, Inc.
Tifanium Metals Corp. of America
Warren Mfg. Div., Warren Brothers Roads Co.
\*\*WESTINGHOUSE ELECTRIC CORP.
Wright Aeronautical Div., Curtiss-Wright Corp.

#### VIBRATION ABSORBERS

VIBRATION ABSORBERS

American Brass Co., American Metal Hose Div. Barry Controls Inc. Cleveland Pneumatic Tool Co., The, Div. Cleveland Pneumatic Industries, Inc. Continental Diamond Fibre Corp., Sub.-The Budd Co. Joe Davidson & Associates Dow-Elco, Inc. FINN AERONAUTICAL DIV., T. R. FINN & CO., INC. Flock Process Co. Inc. General Cable Corp.

\*\*HOUDALLE INDUSTRIES, INC., BUFFALO HYDRAULICS DIV.\*\*
Walter K. Jaros, Aircrafters Walter Kidde & Co., Inc., Aviation Div. MB Mfg. Co.
Ozone Metal Products Corp. Robinson Aviation, Inc.
Royal Industries, Inc.
St. Regis Paper Co.
A. T. Stevens Co.
Ucinite Co., The, Div.-United-Carr Fastener Corp. WASHERS

Abbott Screw & Mfg. Co. Accurate Electronics Corp., Dept D

Acme Mfg. & Gasket Co.
Allied Plastics Supply Corp.
Anchor Packing Co., The
Belmont Smelting & Refining Works, Inc.
Century Fasteners Corp.
Chase Brass & Copper Co., Inc.
Corp.
Corpin Products Div.
Dumont Aircraft Fitting Co.
Dumont Aviation Associates
G. M. Dykes Iron Works, Inc.
Enflo Corp.
Excelsior Leather Washer Mfg. Co. Inc.
Gasket Mfg. Co., Inc.
Gasket Mfg. Co., Inc.
General Gasket Inc.
General G

#### Brass

Abbott Screw & Mfg. Co.
Accurate Specialties Co. Inc.
Accurate Specialties Co. Inc.
Accurate Specialties Co. Inc.
Actine Mfg. & Gasket Co.
Affiliated Screw Products Co.
Affiliated Screw Products Co.
Affiliated Screw Products Co.
Affiliated Screw Products Co.
Carcine Brass Copper Co., Inc.
Carcine Fasse Metal, Inc.
Cantury Fasteners Corp.
Chate Brass & Copper Co., Inc.
Circon Component Corp.
Circon Component Corp.
Circon Component Corp.
Circon Component Corp.
Corp.
Corbin Products Div.
Dayton Mig. Co., Inc.
Dumont Aircraft Fitting Co.
G. M. Dykes Inon Works, Inc.
Pederal Screw Products Inc.
Gasket, Packing & Specialty Co. Inc.
Gasket, Packing & Specialty Co. Inc.
General Components Inc.
General Components Inc.
General Gasket Inc.
General Gasket Inc.
Gunnar Laboratories
Hahn & Clay
Horst Engrg. & Mfg. Co.
Walter K. Jaros, Aircrafters
\*\*
\*\*LAMINATED SHIM CO.
Peerless Products Industries
Penn Fibre & Specialty Co., Inc.
Wm. Steinen Mfg. Co.
Superior Spinning & Stamping Co.
Techniques, Inc.
United Shoe Machinery Corp. Techniques, Inc.
United Shoe Machinery Corp.
Wrought Washer Mfg. Co.

#### Ceramic

Ceramic

American Lava Corp.

Auburn Míg. Co., The

Auburn Spark Plug Co., Inc.

Bendix Products Div., Bendix Aviation Corp.

Diamonite Products Míg. Co.

Electric Auto-Lite Co., The

Electronic Mechanics, Inc.

General Cement Míg. Co., Div.-Textron Inc.,

Isolantite Míg. Corp.

Maryland Lava Co.,

Mica Fabricating Co.,

Chester Morton Electronics Corp.,

Penn Fibre & Specialty Co., Inc.

D. M. Steward Míg. Co.

Thermo Materials, Inc.,

Western Gold & Platinum

Zirconium Corp. of America

#### Felt

Peerless Products Industries
Penn Fibre & Specialty Co., Inc.
Western Felt Works
Wrought Washer Mfg. Co.

Insulating

Accurate Electronics Corp., Dept. D
Allied Plastics Supply Corp.
Auburn Mfg. Co., The
Auburn Spark Plug Co., Inc.
Circon Component Corp.
Connecticut Hard Rubber Co., The
Continental Diamond Fibre Corp., Sub.The
Budd Co.
Crystal-X Corp.
Dumont Aircraft Fitting Co.
Emerson Plastics Corp.
Engineered Plastics, Inc.
Fluorocarbon Co. Inc., The
Franklin Fibre-Lamitex Corp.
Gasket Mfg. Co. Inc.
Gasket Packing & Specialty Co., Inc.
Gasket Packing & Specialty Co., Inc.
Walter K. Jaros, Aircrafters
Agnetic Shield Div. Perfection Mica Co.
Mica Fabricating Co.
Peerless Products Industries
Penn Fibre & Specialty Co., Inc.
Walter K. Jaros, Aircrafters
Agnetic Shield Div. Perfection Mica Co.
Mica Fabricating Co.
Peerless Products Industries
Penn Fibre & Specialty Co., Inc.
Walter K. Jaros, Aircrafters
Agnetic Shield Div. Perfection Mica Co.
Mica Fabricating Co.
Peerless Products Industries
Penn Fibre & Specialty Co., Inc.
Walter K. Jaros, Aircrafters
Agnetic Shield Div. Aircrafters
Agnetic Shield Div. Aircrafters
Agnetic Shield Div. Aircrafters
Penn Fibre & Specialty Co., Inc.
Wrought Washer Co.

Mary Industrial Engravers Inc.
Walter K. Jaros, Aircrafters
Penn Fibre & Specialty Co., Inc.
Wrought Washer Co., Inc.
Accurate Electronics Corp., Dept D
Accurate Elec

#### Lock

Abbott Screw & Mfg. Co.
Affiliated Screw Products Co.,
All Metal Screw Products Co., Inc.
Century Fasteners Corp.
Chase Brass & Copper Co., Inc.
Circon Component Corp.
Cleveland Graphite Bronze Co., Div.-Clevite General Cement Mfg. Co., Div.-Textron Inc. Isolantite Mfg. Corp.
Maryland Lava Co.
Mica Fabricating Co.
Chester Morton Electronics Corp.
Penn Fibre & Specialty Co., Inc.
D. M. Steward Mfg. Co.
Thermo Materials, Inc.
Western Gold & Platinum
Zirconium Corp. of America

Felt

Accurate Electronics Corp.
Aeron Mfg. & Gasket Co.
Aeron Leather Preducts Co.
Allied Plastics Supply Corp.
American Felt Co.
Auburn Mfg. Co. The
Booth Felt Co. Inc.
Dumont Aircraft Fitting Co.
Each Corp.
Corbin Products Div.
R. C. Dudek & Co.
Dumont Aircraft Fitting Co.
Each Mfg. Co.
Walter K. Jaros, Aircrafters
Javelin Aircraft Co., Inc.

Metal

Circon Component Corp.
Cleveland Graphite Bronze Co., Div.-Clevite
Corp.
Corbin Crop.
Corbin Products Div.
R. C. Dudek & Co.
Dumont Aircraft Fitting Co.
Each Mfg. Co., Div.-Textron Inc.
Horst Engrg. & Mfg. Co., Div.-Textron Inc.
Positive Lock Washer Co., The
Standard Locknut & Lockwasher Inc.
Techniques, Inc.
Wrought Washer Mfg. Co.
Accurate Electronics Corp., Dept D
Accurate Specialties Co., Inc.
Alpha Metals, Inc.

Aluminum Co. of America
American Brass Co., The
American Standard Products, Inc.
Anchor Metal Co. Inc.
Auburn Mig. Co., The
Autonetics, Div.-North American Aviation, Inc.
Belmont Smelting & Refining Works, Inc.
H. Braun Tool & Instrument Co., Inc.
Carroll Pressed Metal, Inc.
Century Fasteners Corp.
Chase Brass & Copper Co., Inc.
Cleveland Graphite Bronze Co., Div.-Clevite
Corp.
Corbin Products Div.
Danly Mechine Specialties, Inc.
Division Lead Co.
G. M. Dykes Iron Works, Inc.
Federal Screw Products Inc.
Gaskets Mig. Co. Inc.
Gaskets Mig. Co. Inc.
General Cable Corp.
General Cable Corp.
General Cable Corp.
General Gasket Inc.
Hahn & Clay
Horst Engrg. & Mig. Co., Div.-Textron Inc.
General Gasket Inc.
Hahn & Clay
Horst Engrg. & Mig. Co.
Walter K., Jaros, Aircrafters
Javelin Aircraft Co. Inc.
\*LAMINATED SHIM Co.
Pacific Cut Washer Co.
Paul & Beekman, Incustries
Ren Fibre & Specialty Co., Inc.
Winn. Stein Mig. Co.
Sterior Specialty Co., Inc.
Vinn. Stein Mig. Co.
Tricon Mig. Co.
United Shoe Machinery Corp.
Waldom Electronics Inc.
Wrought Washer Mig. Co.

#### Mica

Plastic

Accurate Electronics Corp., Dept D
Acme Mig. & Gasket Co.
Allied Plastics Supply Corp.
American Agile Corp.
Auburn Mig. Co., The
N. S. Baer Co.
Chicago Gasket Co.
Continental Diamond Fibre Corp., Sub. The
Budd Co.
Corbin Products Div.
Crystal-X Corp.
Dixon Corp.
Dixon Corp.
Dixon Aircraft Fitting Co.
Emerson Plastics Corp.
Engineered Plastics, Inc.
Flexrock Co.
Franklin Fibre-Lamitex Corp.
Gasket Mig. Co. Inc.
General Components Inc.
General Components Inc.
General Components Inc.
Hastings Plastics Inc.
Industrial Engravers Inc.
Walter K. Jaros, Aircrafters
Javelin Aircraft Co. Inc.
Jodee Plastics Co.
J. E. Menaugh Co.
New England Tape Co.
Roberts Toledo Rubber Co., The
Rogers Corp.
St. Regis Paper Co.
Silicone Insulation, Inc.
Sparta Mig. Co.
Spaulding Fibre Co., Inc.
Sparta Mig. Co.
Synthane Corp.
Tri-Point Plastics Inc.
Truxton Industries, Inc.
Virginia Plak Co.
Waterbury Companies, Inc.

Rubber

#### Rubber

Acme Mfg. & Gasket Co.
Allied Plastics Supply Corp.
Amatom Electronic Hardware Co. Inc.
Anchor Packing Co., The
Auburn Mfg. Co., The

Chicago-Allis Mfg. Corp.
Connecticut Hard Rubber Co., The
Confinental Rubber Works
Corbin Products Div.
Excelsior Leather Washer Mfg. Co. Inc.
Federal Screw Products Inc.
Gasket Mfg. Co. Inc.
Gasket Mfg. Co. Inc.
General Gasket Inc.
Javelin Aircraft Co. Inc.
Pacific Moulded Products Co.
Parker Aircraft Co.
Pereless Products Industries
Penn Fibre & Specialty Co., Inc.
Raybestos-Manhartan, Inc.
Raybestos-Manhartan, Inc.
Roberts Toledo Rubber Co., The
Rogers Corp.
Rubbercraft Corp. of California
A. T., Stevens Co.
Western Felt Works

## WATER INJECTION EQUIPMENT

Aero Supply Mfg. Co., Inc.
Auto-Control Labs., Inc.
Bendix Products Div., Bendix Aviation Corp.
Eddington Metal Specialty Co.
Engineered Products Co., The
Walter J. Hyatt Co., The
Hydra-Power Corp.
Javelin Aircraft Co., Inc.
Koehler Aircraft Products Co., Inc.
National Airoil Burner Co.
Waldorf Instrument Co., Div.-F. C. Huyck & Sons
Whittaker Controls, Div.-Telecomputing Corp.

#### WAX

Esso Standard Oil Co.
General Cement Mfg. Co., Div.-Textron Inc.
International Wax Refining Co.
Merix Chemical Co.
L. Sonneborn & Sons, Inc., Building Products Div.
Trio Chemical Works, Inc.
United Shoe Machinery Corp.
Zophar Mills, Inc.

#### WIRE

Allied Plastics Supply Corp.
American Super-Temperature Wires, Inc.
Belden Mfg. Co.
Bios Labs., Inc.
Birnbach Radio Co., Inc.
Boston Insulated Wire & Cable Co.
Bridgeport Brass Co., The
Chase Brass & Copper Co., Inc.
Chester Cable Corp.
Consolidated Wire & Associated Companies
Crucible Steel Co. of America
Wilbur B. Driver Co.
Electric Auto-Lite Co., The
Engelhard Industries Inc., D. E. Makepeace Div.
Fort Wayne Metals, Inc.
Hundson Wire Corp.
Hundson Wire Corp.
Plastoid Corp.
Plastoid Corp.
Plastoid Corp.
Plastoid Corp.
Plastoid Corp.
Sequoia Wire Co.
Surprenant Mfg. Co.
Surprenant Mfg. Co.
Thermas Wire Corp.
Thermo Electric Co., Inc.
Titan Metal Mfg. Co.
\*WASHINGTON ALUMINUM CO., INC.
Western International Co.

#### Aluminum

Aluminum

All-State Welding Alloys Co., Inc.
Aluminum Co. of America
American Steel & Wire Div.-United States Steel
Corp.
Anchor Metal Co., Inc.
Belden Mfg. Co.
Berkshire Electric Cable Co.
Bios Labs., Inc.
Bridgeport Brass Co.
Chester Cable Corp.
Consolidated Wire & Associated Companies
Elmet Div.-North American Philips Co., Inc.
Engelhard Industries Inc., D. E. Makepeace Div.
General Cable Corp.
\*\*HUDSON WIRE CO.
\*\*Kaiser Aluminum & Chemical Sales, Inc.
La Pointe Industries, Inc.
Okonite Co., The
Plastoid Corp.
John A. Reeblings Sons Corp.
South River Metal Products Co., Inc.
Waren Wire Co.
\*\*WASHINGTON ALUMINUM CO., INC.
\*\*Western Gold & Platinum

\*\*Connect Basic

#### Copper, Bare

Alpha Wire Corp.
American Brass Co., The
American Electric Cable Co.
American Steel & Wire Div.-United States Steel
Corp.
Belden Mfg. Co.
Berkshire Electric Cable Co.
Bios Labs., Inc.

Birnbach Radio Co., Inc.
Bram Metallurgical & Chemical Co.
Chase Brass & Copper Co., Inc.
Chester Cable Corp.
Consolidated Wire & Associated Companies
Copperweld Steel Co., Wire & Cable Div.
Electric Auto-Lite Co., The
Elmet Div.-North American Phillips Co., Inc.
Engelhard Industries Inc., D. E. Makepeace Div.
Essex Wire Corp., Magnet Wire Div.
General Cable Corp.
\*\*HUDSON WIRE CO.
National Standard Co.
New England Electrical Works, Inc.
John A. Roeblings Sons Corp.
Sequoia Wire Co.
Sittler Corp.
Warren Wire Co.
Wastern International Co.

Copper-Clad

Copper-Clad

Accurate Insulated Wire Corp.
Belden Mfg. Co.
Berkshire Electric Cable Co.
Bios Labs. Inc.
Birnbach Radio Co., Inc.
J. Bishop & Co. Platinum Works
Bram Metallurgical & Chemical Co.
Chester Cable Corp.
Consolidated Wire & Associated Companies
Copperweld Steel Co., Wire & Cable Div.
Crucible Steel Co. of America
Dayton Aircraft Products, Inc.
Electric Auto-Lite Co., The
Engelhard Industries Inc., D. E. Makepeace Div.
General Cable Corp.
\*\*HUDSON WIRE CO.
Leach & Garner Co., Industrial Div.
Metals & Controls Corp.
Radix Wire Co.
John A. Roeblings Sons Corp.
Standard Metals Corp.
Sylvania Electric Products Inc., Parts Div.

Sylvania Electric Products State

Copper, Insulated

Accurate Insulated Wire Corp.
Allied Plastics Supply Corp.
Alpha Wire Corp.
American Electric Cable Co.
American Insulated Wire Div.-United States Steel
Corp.
American Steel & Wire Div.-United States Steel
Corp.
Ansonia Wire & Cable Co., The
Barker Sales Co.
Belden Mfg. Co.
Berkshire Electric Cable Co.
Birshbach Radio Co., Inc.
Birshbach Radio Co., Inc.
Boston Insulated Wire & Cable Co.
Bram Metallurgical & Chemical Co.
William Brand & Co., Inc.
Consolidated Wire & Associated Companies
Copperweld Steel Co., Wire & Cable Div.
Electric Parts Corp.
Elmet Div.-North American Philips Co., Inc.
Essex Wire Corp.
Hitemp Wires Inc.
New England Electrical Works, Inc.
\*NORMANDY ELECTRIC WIRE CORP.
Okonite Co., The
Packard Electric Div.-General Motors Corp.
Plastoid Corp.
Radix Wire Co.
Rev Corp., The
John A. Roeblings Sons Corp.
Royal Electric Corp.
Sequiola Wire Co.
Sittler Corp.
Tierra Wire Corp.
Western International Co.

Cut and Stripped Cut and Stripped

Cut and Stripped

Allied Plastics Supply Corp.
Alpha Wire Corp.
American Electric Cable Co.
American Super-Temperature Wires, Inc.
Belden Mig. Co.
Berkshire Electric Cable Co.
Birnbach Radio Co., Inc.
William Brand & Co., Inc.
Consolidated Wire & Associated Companies
Electric Auto-Life Co., The
Electric Parts Corp.
First Electronics Corp., The
General Cable Corp.
\*\*HUDSON WIRE CO.
Industrial Wiring & Cable Co.
Packard Electric Div.-General Motors Corp.
Peerless Products Industries
Precision Tube Co., Inc.
Radix Wire Corp.
Sittler Corp.
Thermax Wire Corp.
Sittler Corp.
Thermax Wire Corp.
Victor Electric Wire & Cable Corp.
Warren Wire Co.
Western International Co.

#### Enameled

Enameled

Alpha Wire Corp.
American Steel & Wire Div.-United States Steel
Corp.
Belden Mig. Co.
Berkshire Electric Cable Co.
Bios Labs., Inc.
Bram Metallurgical & Chemical Co.
Chase Brass & Copper Co., Inc.
Bram Metallurgical & Chemical Co.
Chase Brass & Sasciated Companies
Wilbur B. Driver Co.
Electric Auto-Lite Co., The Philips Co., Inc.
Essex Wire Corp., Magnet Wire Div.
General Cable Corp.
Hitemp Wires, Inc.
\*\*HUBSON WIRE CO.
\*\*NHUBSON WIRE CO.
New England Electrical Works, Inc.
John A. Roeblings Sons Corp.
Secon Metals Corp.
Sittler Corp.
Warren Wire Co.

#### Fine Wire Specialties

Accurate Specialties Co. Inc. Alpha Wire Corp. American Electric Cable Co. American Steel & Wire Div.-United States Steel American Electric Cable Co.
American Steel & Wire Div.-United States Steel Corp.
Art Wire & Stamping Co.
Barker Sales Co.
Berkshire Electric Cable Co.
Bios Labs., Inc.
Birnbach Radio Co., Inc.
Birnbach Radio Co., Inc.
Bram Metallurgical & Chemical Co.
Carpenter Steel Co., The
Chester Cable Corp.
Consolidated Wire & Associated Companies
Crucible Steel Co. of America
Wilbur B. Driver Co.
Electric Auto-Lite Co., The
Elmet Div.-North American Phillips Co., Inc.
Engelhard Industries Inc., D. E. Makepeace Div.
General Cable Corp.
Lietmonics, Inc.
Letronics, Inc.
Letronics, Inc.
J. M. Ney Co., The
Rex Corp., The
John A. Reeblings Sons Corp.
Secon Metals Corp.
Sequoia Wire Co.
Standard Metals Corp.
Sequoia Wire Co.
Standard Metals Corp.
Sequoia Wire Co.
Sylvania Electric Products Inc., Parts Div.
Thermax Wire Corp.
Western International Co.

#### Forms

Accurate Insulated Wire Corp. Accurate Specialties Co. Inc. American Steel & Wire Div.-United States Steel Actuates Steel & Wire Div.-United States Steel Corp.
Anchor Metal Co. Inc.
Art Wire & Stamping Co.
W. L. Barrett Co., The
Belden Mig. Co.
J. P. DeVine Mig. Co.
Electric Auto-Lite Co., The
Engelhard Industries Inc., D. E. Makepeace Div.
Leach & Garner Co., Industrial Div.
Mid-West Spring Mig. Co.
Newcomb Spring of Conn. Inc.
Radix Wire Co.
Sohl Co., The
Sylvania Electric Products Inc., Parts Div.

#### Glass Insulated

Glass Insulated

Allied Plastics Supply Corp.
Alpha Wire Corp.
American Electric Cable Co.
American Electric Cable Co.
American Electric Cable Co.
Birnbach Radio Co., Inc.
William Brand & Co., Inc.
Chase Brass & Copper Co., Inc.
Chaster Cable Corp.
Consolidated Wire & Associated Companies
Wilbur B. Driver Co.
Electric Auto-Life Co., The
Essex Wire Corp., Magnet Wire Div.
General Cable Corp.
Hitemp Wires, Inc.
Packard Electric Div.-General Motors Corp.
Plastoid Corp.
John A. Roeblings Sons Corp.
Royal Electric Corp.
Sequoia Wire Co.
Surprenant Mig. Co.
Warren Wire Co.
Western International Co.

#### Guy

American Steel & Wire Div,-United States Steel Corp. Barker Sales Co. Bergen Wire Rope Co.

## . . . missile frame

Boston Insulated Wire & Cable Co.
Copperweld Steel Co., Wire & Cable Div.
General Cable Corp.
\*HUDSON WIRE CO.,
Wolfer K. Jaros, Aircrafters
National Standard Co.,
John A. Roeblings Sons Corp.
Wind Turbine Co.

#### Mesh

American Steel & Wire Div.-United States Steel American Seel & Wire Div.-United
Corp.
J. Bishop & Co., Platinum Works
Cambridge Wire Cloth Co., The
Chase Brass & Copper Co., Inc.
General Cable Corp.
\*HUDSON WIRE CO.
National-Standard Co.
Techniques, Inc.

#### Metal Plated

Allied Research & Engrg., Div.-Allied Record Mfg. Co. American Steel & Wire Div.-United States Steel American Steel & Wire Div.-United States Steel Corp.
Belden Mig. Co.
Berkshire Electric Cable Co.
Bram Metallurgical & Chemical Co.
Chester Cable Corp.
Engelhard Industries Inc., D. E. Makepeace Div.
General Cable Corp.
HUDSON WIRE CO.
Leach & Garner Co., Industrial Div.
Metals & Controls Corp.
National-Standard Co.
Standard Metals Corp.
Sylvania Electric Products Inc., Parts Div.

#### Metal Shielded

Metal Shielded

Accurate Insulated Wire Corp.

Alpha Wire Corp.

Alpha Wire Corp.

Berkshire Electric Cable Co.

Berkshire Electric Cable Co.

William Brand & Co., Inc.

Chester Cable Corp.

Consolidated Wire & Associated Companies

Co-Operative Industries, Inc.

Electric Auto-Lite Co., The

Engelhard Industries Inc., D. E. Makepeace Div.

General Cable Corp.

Hallett Mig. Co.

Magnetic Shield Div.-Perfection Mica Co.

Pastoid Corp.

Plastoid Corp.

Precision Tube Co., Inc.

Radix Wire Co.,

Rex Corp., The

Royal, Electric Corp.

Sequoia Wire Co.

Surprenant Mig. Co.

Thermax Wire Corp.

#### Molybdenum

Bios Labs., Inc.,
Bram Metallurgical & Chemical Co.
Eisler Engrg. Co., Inc.,
Eimet Div.-North American Philips Co., Inc.,
Fansteel Metallurgical Corp.
\*\*HUDSON WIRE CO.
Johnston & Funk Titanium Corp.
Micro-Wire Tungsten & Molybdenum Products

#### Monel

Bios Labs., Inc.
J. Bishop & Co., Platinum Works
Bram Metallurgical & Chemical Co.
Crucible Steel Co. of America
Wilbur B. Driver Co.
\*\*HUDSON WIRE CO.
Walter K. Jaros, Aircrafters
Johnston & Funk Titanium Corp.
Radix Wire Co.
Sylvania Electric Products Inc., Parts Div.

#### Nickel Clad Copper

Nickel Clad Copper

Allied Research & Engrg., Div.-Allied Record
Mfg. Co.
Belden Mfg. Co.
Bios Labs., Inc.
J. Bishop & Co. Platinum Works
Bram Metallurgical & Chemical Co.
General Cable Corp.

\*HUDSON WIRE CO.
Leach & Garner Co., Industrial Div.
Metals & Controls Corp.
Standard Metals Corp.
Sylvania Electric Products Inc., Parts Div.

#### Phosphor Bronze

Alpha Wire Corp., American Brass Co., The Belden Mfg. Co. Bram Metallurgical & Chemical Co. Bram Metallurgical & Chemical Co. Bridgeport Brass Co. Chase Brass & Copper Co., Inc.

Consolidated Wire & Associated Companies Engelhard Industries Inc., D. E. Makepeace Div. General Cable Corp. Hackensack Cable Corp. Hackensack Cable C \*HUDSON WIRE CO. Radix Wire Co.

#### Plastic Insulated

Plastic Insulated

Accurate Insulated Wire Corp.
Allied Plastics Supply Corp.
Alpha Wire Corp.
Alpha Wire Corp.
Alpha Wire Corp.
American Insulated Wire Corp.
American Super Temperature Wires Inc.
Ansonia Wire & Cable Co., The
Barker Sales Co.
Berkshire Electric Cable Co.
Birnbach Radio Co., Inc.
Boston Insulated Wire & Cable Co.
William Brand & Co., Inc.
Chase Brass & Copper Co., Inc.
Chaster Cable Corp.
Consolidated Wire & Associated Companies
Dayton Aircraft Products, Inc.
Electric Auto-Lite Co., The
Electric Parts Corp.
Essex Wire Corp., Magnet Wire Div.
General Cable Corp.
General Electric Co.
Hitemp Wires, Inc.
New England Tape Co.
J. M. Ney Co., The
Okonite Co., The
Packard Electric Div.-General Motors Corp.
Plastoid Corp.
Rex Corp.
The John A. Roeblings Sons Corp.
Royal Electric Corp.
Sequoia Wire Co.
Stitler Corp.
Surprenant Mfg. Co.
Inermax Wire Corp.
Imes Wire & Cable Corp.
Corp.
Imes Wire & Cable Corp.
Ustor Electric Wire & Cable Corp.
Warren Wire Co.
Western International Co.
Wire Co. of America, Inc.

Recording

#### Recording

American Steel & Wire Div.-United States Steel Corp.
Bios Labs., Inc.
Western International Co.

Bios Labz., Inc., Electric Auto-Lite Co., The \*HUDSON WIRE CO.
Thieblot Aviation Co., Div.-Vitro Corp. of America

#### SILICON BRONZE

Alpha Wire Corp.
Alpha Wire Corp.
American Brass Co., The
Belden Mfg. Co.
Bios Labs, Inc.
Birnbach Radio Co., Inc.
Bram Metallurgical & Chemical Co.
Bridgeport Brass Go.
Chase Brass & Copper Co., Inc.
Hackensack Cable Corp.
\*HUDSON WIRE CO.
Radix Wire Co.

#### Silver Plated

Silver Plated

Alpha Wire Corp.
American Electric Cable Co.
Anchor Metal Co. Inc.
Bram Metallurgical & Chemical Co.
Bios Labs., Inc.
Bram Metallurgical & Chemical Co.
Chester Cable Corp.
Consolidated Wire & Associated Companies
Wilbur B. Driver Co.
Eastern Smelting & Refining Corp.
Elmet Div. North American Philips Co., Inc.
Engelhard Industries Inc., D. E. Makepeace Div.
Leach & Garner Co., Industrial Div.
Metals & Controls Corp.
National Standard Co.
Sequoia Wire Co.
Standard Metals Corp.
Surprenant Mfg. Co.
Sulvania Electric Products Inc., Parts Div.
Times Wire & Cable Co., Inc.
Western International Co.

#### Stainless Steel

All Boro Metal Products Co., Inc. American Steel & Wire Div.-United States Steel American Steel & Wire Div.-United St. Corp.
Armco Steel Corp.
Bios Labs., Inc..
Boston Insulated Wire & Cable Co.
Bram Metallurgical & Chemical Co.
Carpenter Steel Co., The
Chase Brass & Copper Co., Inc.
Crucible Steel Co. of America
Wilbur B. Driver Co.
Electric Auto-Lite Co., The
Electric Steel Foundry Co.

Firth Sterling, Inc.
Fort Wayne Metals, Inc.
Walter K, Jaros, Aircrafters
Johnston & Funk Titanium Corp.
National-Standard Co.
Republic Steel Corp.
John A. Roeblings Sons Corp.
Joseph T. Ryerson & Son, Inc.
Sylvania Electric Products Inc., Parts Div.
United States Steel Corp.
Vacuum Metals Corp., Div.-Crucible Steel Co.
of America

#### Strippers, Mechanical

Electric Auto-Lite Co., The Eraser Co., Inc., The Metals & Controls Corp.

#### Tantalum

Belden Míg, Co.
Bios Labs., Inc.
Bram Metallurgical & Chemical Co.
Wilbur B. Driver Co.
Fansteel Metallurgical Corp.
Haynes Stellite Co., Div.-Union Carbide Corp.
Johnston & Funk Titanium Corp.
Kennametal Inc.
Metals & Controls Corp.

#### Titanium

Bios Labs., Inc.
Bram Metallurgical & Chemical Co.
Crucible Steel Co. of America
Wilbur B. Driver Co.
Eisler Engrg. Co., Inc.
Engelhard Industries Inc., D. E. Makepeace Div.
Firth Sterling Inc.
Johnston & Funk Titanium Corp.
\*MALLORY-SHARON METALS CORP.
Metals & Controls Corp.
Titanium Metals Corp. of America

## Tungsten

Bios Labs., Inc.
Bram Metallurgical & Chemical Co.
Eisler Engrg. Co., Inc.
Eisler Div.-North American Philips Co., Inc.
Fansteel Metallurgical Corp.
Fromson Orban Co., Inc.
Micro-Wire Tungsten & Molybdenum Products

#### WIRE MARKING, SERVICE

Ackerman Gould Co. Acromark Co., The Ackerman Gould Co.
Acromark Co., The
Aerodex, Inc.
Alpha Wire Corp.
Artos Engra, Co.
Birnbach Radio Co., Inc.
W. H. Brady Co.
William Brand & Co., Inc.
Electric Auto-Lite Co., The
Essex Mfg. Co., Inc.,
Hitemp Wires, Inc.
Industrial Wiring & Cable Co.
Manger Electric Co.
Rowe Industries
Sheltered Workshop
Warren Wire Co.
Westline Products Div., Western Lithograph Co.
Zippertubing Co., The

#### WIRE STRIPPERS

Alpha Metals, Inc.
Artos Engra. Co.
Blonder-Tongue Labs, In
Electric Auto-Lite Co.,
Eraser Co., Inc., The
Hollub Industries, Inc.,
Ideal Industries, Inc.,
Reeve Electronics, Inc.,
Sittler Corp.,
Wenco Mfg. Co.

#### ZINC

Accurate Specialties Co. Inc. American Silver Co. Anchor Metal Co. Inc. Belmont Smelting & Refining Works, Inc.

Belmont Smelting & Retining W Bios Labs., Inc. \*COPER DEVELOPMENT CORP. Division Lead Co. Eagle-Picher Co., The Harmon, Lichtenstein & Co. Johnson Mig. Co., Inc. London Chemical Co., Inc.

#### ZIRCONIUM

American Silver Co.
Belmont Smelting & Refining Works, Inc.
Bios Labs., Inc.
Brids Heater Scanner State Co.
Bridgeport Bress Co.
Carboundum Metals Co., The
Engelhard Industries Inc., D. E. Makepeace Div.
Firth Sterling Inc.
Foote Mineral Co.
Harvey Aluminum Harvey Aluminum
Johnston & Funk Titanium Corp.
\*MALLORY-SHARON METALS CORP.
Metals & Controls Corp.

## WARHEAD AND NOSE CONE

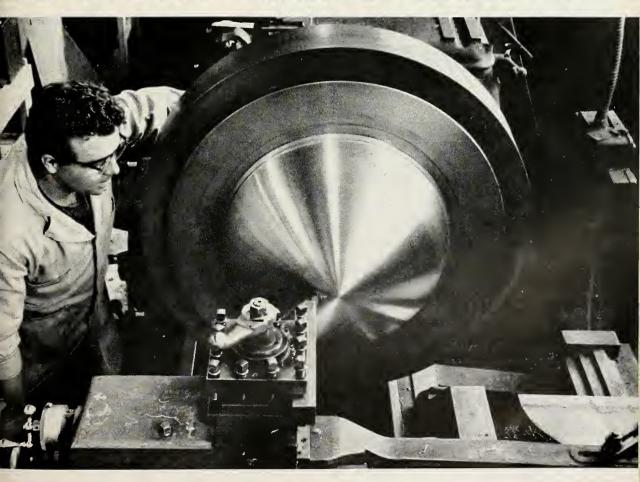
The warhead and nose cone contain the payload (nuclear, high explosive, or instruments in the case of research missiles) and the shell or cone that encases it. These are highly specialized components, representing nearly all the technologies encountered in the missile itself.













## Avco and the Business End of the ICBM

Avco scientists have been feeding nose cone information into the Air Force ICBM program for the past 3 years, and have been responsible for major theoretical breakthroughs on the reentry problem.

As a prime contractor on the *Titan* ICBM, Aveo has constructed prototypes of the nose cone which embody these critically important

breakthroughs, and the "hardware" program based on these advances continues its steady progress.



## WARHEAD AND NOSE CONE

#### **ACTUATORS**

Aeroproducts Operations, Allison Div., General

Aeroproducts Operations, Allison Div., General Motors Corp.
Airborne Accessories Corp.
American Electronics, Inc.
\*\*AMERICAN MACHINE & FOUNDRY CO.
Analogue Controls, Inc.
Atlantic Instrument Corp., Sub.-American Electronics, Inc.
Atlantic Research Corp.
Beckman & Whitley, Inc., Missile Products Div.
Bridgwater Machine Co.
CDC Control Services, Inc.
Cadillac Gage Co.
Clary Dynamics
Clemco Aero Products, Inc.
Cleveland Pneumatic Tool Co., The, Div.Cleveland Pneumatic Tool Co., The, Cleveland Pneumatic Industries, Inc.
Conex Corp.
\*\*COOPER DEVELOPMENT CORP.\*\*
Job Davidson & Associates
\*\*DIVERSEY ENGRG. CO.
\*\*ELECTROL INC.
Eclipse-Pioneer Div., Bendix Aviation Corp.
\*\*ELECTROL INC.
Electronics Dept., Hamilton Standaro Div.,
Electronics Dept.

\*\*PÜYERSEY ENCRÉO CO.
\*\*EASTERN INDUSTRIES, INC.
Eclipse-Pioneer Div., Bendix Aviation Coro.
\*\*ELECTROL INC.
Electronics Dept., Hamilton Standard Div., United Aircraft Corp.
Electronics Dept., Hamilton Standard Div., United Aircraft Corp., Hendix Aviation Corp.
Electronics Corp.
Evact Engrg. & Mfg. Inc.
Poote Brothers Gear & Machine Corp.
Pulton-Incorp., The Garreth Corp., The Garreth Corp.
B. F. Goodrich Aviation Products
Gray & Hulequard, Inc.
Hallamore Electronics Co.
\*A. W. HYDON CO., THE
Hoover Electric Co.
\*HOUDAILLE INDUSTRIES, INC., BUFFALO HYBRAULICS DIV.
Hupp Aviation Co.
Hydra-Power Corp.
Javelin Aircraft Co. Inc.
Kaiser Aircraft & Electronics Div.-Kaiser Industries Corp.
Kelsey-Hayes Co.
Kemp Aero Products, Div.-Kemp Inc.
Lear, Inc., Grand Rapids Div.
Lyndon Aircraft, Inc.
Marourd Aircraft Co.
Master Specialties Co.
J. A. Maurer, Inc.
\*MISSILE COMPONENTS GROUP, ELECTRO-SNAP
SWITCH & MFG. CO.
Nemeth, Inc.
O'a. M Machine Co., Inc.
O'il-Dyne, Inc.
O'a. M Machine Co., Inc.
O'il-Dyne, Inc.
O'ane Metal Products Corp.
Pacific Div.-Bendix Aviation Corp.
Paterson, Moos Div.-Universal Winding Co., Inc.
Phaostron Instrument & Electronic Co.
Propellex Chemical Corp.
Restearch & ADVANCED DEVELOPMENT DIV.,
AVCO MFG. CORP.
Royal Industries, Inc.
Smith-Morris Corp.
Standard Armament Inc.
Stratos, Div.-Fairchild Engine & Airplane Corp.
Tactair Valve Div.-Aircraft Products Co.
Talco Engrg. Co., The
Talley Corp., The
Task Corp.
Technical Oil Tool Corp.
Telectro Industries Corp.
Picentical Oil Tool Corp.
Telectro Industries Corp.
Technical Oil Tool Corp.
Telectro Industries Corp.
Vard Inc.
Vickes Inc., Div.-Sperry Rand
Vinson Mig. Co. Inc.
Waldorf Instrument Co.
Vap-Air Div., Vapor Heating Corp.
Vard Inc.
Vickes Inc., Div.-Sperry Rand
Vinson Mig. Co. Inc.
Waldorf Instrument Co.
Waldorf

ADHESIVES, HIGH TEMPERATURE

ADHESIVES, HIGH TEMPERATURE

Aries Laboratories, Inc.

Avondale Co., The
Barium & Chemicals, Inc.

Carl Biggs Co.

Bios Labs., Inc.

Carbone Corp., The
Dennis Chemical Co.
Duracote Corp.
Emerson & Cuming, Inc.
General Electric Co., Missile & Ordnance Systems Div.

B. F. Goodrich Industrial Products Co.
Lebec Chemical Corp.
Narmco Resins & Coatings Co.

Olin Mathieson Chemical Corp., High Energy Olin Mathieson Chemical Fuels Div. Raybestos-Manhattan, Inc Rubber & Asbestos Corp. Sauereisen Cements Co. Swedlow Plastics Co. Telectro Industries Corp. Topper Mfg. Co., Inc. Vorac Co., The

ADHESIVES, METAL TO METAL

ADHESIVES, METAL TO METAL

Aries Laboratories, Inc.
Armstrong Products Co.
Avondale Co., The
Bacon Industries, Inc.
Carl Biggs Co.
Bios Labs., Inc.
Bloomingdale Rubber Co.
Dennis Chemical Co.
Emerson & Cuming, Inc.
Fernwal Inc.
Furane Plastics, Inc.
B. F. Goodrich Industrial Products
B. F. Goodrich Aviation Products
Co.
Lebec Chemical Corp.
Narmoo Resins & Coatings Co.
New England Tape Co. Inc.
Olin Mathleson Chemical Corp., High Energy
Fuels Div. Olin Mathieson Chemical Corp., High Energy Fuels Div. Raybestos-Manhattan, Inc., Rubber & Asbestos Corp. Sauereisen Cements Co. L. Sonneborn & Sons, Inc., Building Products Div. Swedlow Plastics Co. Telectro Industries Corp. Topper Mrg. Co., Inc. United Shoe Machinery Corp. Vorac Co., The X-Pando Corp.

ALARM SYSTEMS

Atlantic Instrument Corp., Sub.-American Electronics, Inc.
Bendix Aviation Corp., York Div.
Briggs Associates, Inc.
CDC Control Services, Inc.
Devco Engra, Inc.
Electronics Corp. of America
Eligin Micronics, West Coast Div.-Elgin National
Watch Co.
Fenwal Inc.
Hallamore Electronics Co.
Hammert Electric Co.
\*KAHN & CO., INC.
Moster Specialties Co.
Motorola Inc., Military Marketing Div.
Propellex Chemical Corp.
Ryan Aeronautical Co.
Star Engraving Co., Ltd.
Stanley Aviation Corp.
Telectro Industries Corp.
Thieblot Aviation Co., Div.-Vitro Corp. of
America
Vap-Air Div., Vapor Heating Corp.
\*WESTINGHOUSE ELECTRIC CORP. Atlantic Instrument Corp., Sub.-American Elec-

ALLOYS, HIGH PERMEABILITY

American Silver Co.
Bios Labs., Inc.
J. Bishop & Co., Platinum Works
Bram Metallurgical & Chemical Co.
Carpenter Steel Co., The
Crucible Steel Co. of America
General Electric Co., Missile & Ordnance Systems Dept. (Pa.)
Handy & Harman
Magnetic Shield Div.-Perfection Mica Co.
Thompson Products, Inc.
Titan Metal Mfg. Co.
Wright Aeronautical Div., Curtiss-Wright Corp. American Silver Co.

ANTENNAS, RADIATION TEST

Airborne Instruments Lab., Inc.
All American Aircraft Products, Inc.
All American Aircraft Products, Inc.
American Electronic Labs., Inc.
\*AMERICAN MACHINE & FOUNDRY CO.
Andrew Corp.
Bendix Aviation Corp., York Div.
Canoga Corp. of California
Continental Diamond Fibre Corp., Sub.-The
Budd Co.

Continental Diamond Fibre Corp., Sub.-The Budd Co.
Corning Glass Works
\*\*PALMO VICTOR CO., DIV.-TEXTRON INC.
Defiance Engrg. & Microwave Corp.
Demornay-Bonardi
Diamond Antenna & Microwave Corp.
Gabriel Co., The Gabriel Electronics Div.
General Electric Co., Missile & Ordnance Systems Dept. (Pa.)
Haller Raymond & Brown Inc.
Hycon Eastern Inc.
J-V-M Microwave Co.

Kaiser Aircraft & Electronics Div.-Kaiser Industries Corp.
La Pointe Industries Inc.
McMillan Industriai Corp.
Microwave Electronics Div., Sperry Gyroscope Co.

Motorola Inc., Military Marketing Div.
Republic Aviation Corp., Guided Missiles Div.
Republic Aviation Corp., Guided Missiles Div.
Technical Appliance Corp.
Telectro Industries Corp.
Thompson Products, Inc.
Westbury Electronics Inc.

ASSEMBLY SHIELD, NUCLEAR

ACF Industries, Inc., Advanced Products Div. American Car & Foundry Div., ACF Industries,

\*AMERICAN MACHINE & FOUNDRY CO. \*AMERICAN MACHINE & FOUNDRY CO.
Gasket, Packing & Specialty Co. Inc.
General Electric Co., Missile & Ordnance Systems Dept. (Pa.)
Nuclear Corp. of America, Inc.
Philips & Davies Inc.
Portland Copper & Tank Works Inc.
\*RESEARCH & ADVANCED DEVELOPMENT DIV.,
AVCO MFG. CORP.
Telectro Industries Corp.
Thompson Products, Inc.
Warren Mfg. Div., Warren Brothers Roads Co.

BADGES, RADIATION

Acromark Co., The Allied Engraving & Stamping Co. American Electronics, Inc. Bracke-Seib X-Ray Co., Inc. Eastman Kodak Corp. Gerard G. Leeds Co., Inc. Nuclear-Chicago Corp. Nuclear Corp. of America, Inc. Sohl Co., The

BOLTS, LOCK \*TOWNSEND CO., CHERRY RIVET DIV.

BOLTS, TOGGLE OR EXPANSION

Affiliated Screw Products Co. Briles Mfg. Chase Brass & Copper Co., Inc. Corbin Products Div. Chase Brass & Copper Co., Inc.
Corbin Products Div.
Hammett Electric Co.
Horsi Engrg. & Mfg. Co.
Walter K. Jaros, Aircrafters
Kasar Mfg. & Distributing Co., Inc.

BONDING MATERIALS

Barium & Chemicals, Inc.
Carl Biggs Co.
Dennis Chemical Co.
Emerson & Cuming, Inc.
Handy & Harman
Hastings Plastics Inc.
Horsey, Robson & Co., Inc.
Republic Aviation Corp., Guided Missiles Div.
L. Sonneborn & Sons, Inc., Building Products Div.
Telectro Industries Corp.
X-Pando Corp.

BRAZING ALLOYS

\*STAINLESS PROCESSING DIV., WALL COL-

CADMIUM

Accurate Specialties Co. Inc.
American Silver Co.
Belmont Smelting & Refining Works, Inc.
Bram Metallurgical & Chemical Co.
Delta Chemical Works, Inc.
Division Lead Co.
Leagle-Picher Co., The
Harmon, Lichtenstein & Co.

CALCIUM

Barium & Chemicals, Inc.
Belmont Smelting & Refining Works, Inc.
Bram Metallurgical & Chemical Co.
Delta Chemical Works, Inc.
Electronic Mechanics, Inc.
Gladding, McBean & Co.
Harmon, Lichtenstein & Co.

CERAMIC PARTS

American Lava Corp.
Auburn Spark Plug Co., Inc.
Bendix Aviation Corp., York Div.
Bendix Products Div., Bendix Aviation Corp.
Bergen Carbide Co.

PHOTO ON WARHEAD AND NOSECONE DIVIDER PAGE: Nose cone section for an IRBM as it's hydrospun and finish machined at Diversey Engineering Co. This is an example of the kind of new technology that is needed to get missile costs down and keep the industry healthy.

### . . . warhead & nose cone

\*COOPER DEVELOPMENT CORP COOPER DEVELOPMENT CORP.
Diamonite Products Mfg. Co.
Entre Auto-Lite Co., The
Entre Auto-Lite Co., The
Entre Control Mechanics, Inc.
Ete Resistor Corp.
General Ceramics Corp.
General Instrument Corp., Defense Products Div.
Gladding, McBean & Co.
Lapp Intulator Co., Inc., Radio Specialties Div.
Litton Industries, Components Div.
Minneapolis-Honeywell Regulator Co., Ordnance
Div. Minneapolis-Honeywell Regulator Co., Ordn Div.
Chester Morton Electronics Corp.
Mycalex Corp. of America
National Ceramic Co.
Norton Co.
Nuclear Corp. of America, Inc.
Patterson Foundry & Machine Co., The
D. M. Steward Mfg. Co.
Sylvania Electric Products Inc., Parts Div.
Thermo Materials, Inc.
Western Gold & Platinum
Zirconium Corp. of America

#### CERAMICS

American Lava Corp.
Auburn Spark Plug Co., Inc.
Barium & Chemicals, Inc.
Bendix Products Div., Bendix Aviation Corp.
Corning Glass Works
Electric Auto-Lite Co., The
Electrical Refractories Co., The
Emerson & Cuming, Inc.
Erie Resistor Corp.
General Electric Co., Missile & Ordnance Systems Dept. (Pa.)
General Instrument Corp., Defense Products Div.
Isolantite Mig. Corp.
Lapp Insulator Co., Inc., Radio Specialties Div.
Maryland Lava Co.
Minneapolis-Honeywell Regulator Co., Ordnance
Div. Div. Morganite, Inc. Morganite, Inc. Morganite, Inc. Morganite, Corp. of America National Geramic Co. Norton Colin Mathieson Chemical Corp., High Energy Fuels Divantage of Patterson Foundry & Machine Co., The Fuels Div.
Patterson Foundry & Machine
Rogers Corp.
Saxonburg Ceramics
Solar Aircraft Co.
Thermo Materials, Inc.
Western Gold & Platinum
Zirconium Corp. of America

#### COATINGS, FINISHING

Aerodex, Inc.
American Cord & Webbing Co., Inc.
Anachrome Corp.
Avondale Co., The
Bendix Products Div., Bendix Aviation Corp.
Carl Biggs Co.
Connecticut Hard Rubber Co., The
Delta Chemical Works, Inc.
Duracote Corp.
Eagle-Picher Co., The
Electrofilm, Inc.
Emerson & Cuming, Inc.
Fidelity Chemical Products Corp.
Fluorocarbon Co. Inc., The
General Electric Co., Missile & Ordnance Systems Dept. (Pa.)
Hastings Plastics Inc.
Linde Co., Div.-Union Carbide
L. Sonneborn & Sons, Inc., Building Products Div.
Vorac Co., The

#### COATINGS, HIGH TEMPERATURE

American Corp.
American Cord. & Webbing Co., Inc.
Anachrome Corp.
Aries Laboratories, Inc.
Atlantic Research Corp.
Avondale Co., The
Barium & Chemicals, Inc.
Bart Mig. Corp.
Bendix Products Div., Bendix Aviation Corp.
Carl Biggs Co.
Carbone Corp., The
Connecticut Hard Rubber Co., The
Consolidated Electrodynamics Corp.
\*COOPER DEVELOPMENT CORP.
Delta Chemical Works, Inc.
Drilube Co.
Duracote Corp.
Eagle-Picher Co., The
Electrofilm, Inc.,
Emerson & Cuming, Inc.
Enflo Corp.
Fluorocarbon Co., Inc., The
General Plastics Corp. of New Jresey
Gulton Industries, Inc.
Hastings Plastics Inc.
\*IDEAL CHEMICAL PRODUCTS, INC.
Industrial Metal Protectives, Inc.
Joclin Mig. Co.
Kemp Inc.

Lebec Chemical Corp. Linde Co., Div. Union Carbide Marquardt Aircraft Co. Morganite, Inc.
Narmco Resins & Coatings Co.
Norton Co.

Mathieson Chemical Corp., High Energy Olin Mathieson Chemical Corp.,
Fuels Div.
\*RESEARCH & ADVANCED DEVELOPMENT DIV.,
AVCO MFG. CORP.
Saucreisen Cements Co.
Sel-Rex Corp.
Sel-Rex Corp.
General Electric Co.

Sauereisen Cerimins Co.
Sel-Rex Corp.
Silicone Products Dept., General Electric Co.
Silicone Div.-Union Carbide Corp.
Solar Aircraft Co.
L. Sonneborn & Sons, Inc., Building Products Div.
Swedlow Plastics Co.
Arthur Tickle Engrg. Works, Inc.
United Shoe Machinery Corp.
Utica Drop Forge & Tool Div.-Kelsey Hayes Co.
Vorac Co., The
Waldom Electronics Inc.
Zirconium Corp. of America

#### COATINGS, PROTECTIVE

American Corp.

American Corp.

American Cord & Webbing Co., Inc.

Anachrome Corp.

Arco Co., The

Aries Laboratories, Inc.

Avondale Co., The

Bend'x Products Div., Bendix Aviation Corp.

Carl Biggs Co.

Connecticut Hard Rubber Co., The

Delta Chemical Works, Inc.

Dennis Chemical Co.

Diriube Co.,

Duracote Corp.

Eagle-Picher Co., The

Electrofilm, Inc.

Emerson & Cuming, Inc.

Enflo Corp.

Esso Standard Oil Co.

General Plastics Corp. of New Jersey

B. F. Goodrich Industrial Products Co.

Hastings Plastics Inc.

Horsey, Robson & Co. Inc.

IDEAL CHEMICAL PRODUCTS, INC. Beneral Plastics Corp. of New Jersey
B. F. Goodrich Industrial Products Co.
Hastings Plastics Inc.
Horsey, Robson & Co. Inc.
\*\*IDEAL CHEMICAL PRODUCTS, INC.
Industrial Metal Protectives, Inc.
Joclin Mfg. Co.
Kano Labs.
Kelsey-Hayes Co.
Krylon, Inc.
Lebec Chemical Corp.
Linde Co., Div.-Union Carbide
Narmco Resins & Coatings Co.
New England Tape Co. Inc.
Norton Co.
Olin Mathieron Chemical Corp., High Energy
Fuels Div.
Raybestos-Manhattan, Inc.
Sauereisen Cements Co.
Seal-Peel, Inc.
Sel-Rex Corp.
Silicones Div-Union Carbide Corp.
Silicones Products Dept., General Electric Co.
Silicones Products Dept., General Electric Co.
Silicones Products Dept., Building Products Div.
Sparta Mfg. Co.
L. Sonneborn & Sons, Inc., Building Products Div.
Sparta Mfg. Co.
Arthur Tickle Engrg. Works, Inc.
Trico Chemical Works, Inc.
Trico Chemical Works, Inc.
Trico Chemical Works, Inc.
Trico Co., The
Western Coating Co.
White & Bagley Co., The
X-Pando Corp.

#### COATINGS, SALT SPRAY RESISTANCE

Amercoat Corp.
Amercoat Corp.
Anachrome Corp.
Avondale Co., The
Carl Biggs Co.
Delfa Chemical Works, Inc.
Dennis Chemical Co.
J. P. DeVine Mfg. Co.
Driube Co.
Duracote Corp.
Electrofilm, Inc.
Emerson & Cuming, Inc.
Fidelity Chemical Products Corp.
Fluorocarbon Co. Inc., The
General Plastics Corp. of New Jersey
B. F. Goodrich Industrial Products Co.
Hastings Plastics Inc.
Industrial Metal Protectives, Inc.
Joclin Mfg. Co.
Kelsey-Hayes Co.
Krylon, Inc.
Lebec Chemical Corp.
Linde Co., Div.-Union Carbide
Narmco Resins & Coatings Co.
New England Tape Co. Inc.
Sauereisen Cements Co.
Seal-Peel, Inc.
Silicones Div.-Union Carbide Corp.
Solar Aircraft Co.
Synthane Corp.
Iuco Products, Inc.
Vorac Co., The
Western Coating Co.
X-Pando Corp. Amercoat Corp.

#### COATINGS, SPECIAL PURPOSE

COATINGS, SPECIAL PURPOSE

American Optical Co., Instrument Div.
Anachrome Corp.
Atlantic Research Corp.
Carl Biggs Co.
Blaco Mfg. Co.
Carbone Corp., The
Delita Chemical Works, Inc.
Dennis Chemical Co.
Drilube Co.
Duracote Corp.
Electrofilm, Inc.
Fidelity Chemical Products Corp.
Electrofilm, Inc.
Fidelity Chemical Products Corp.
General Plastics Corp. of New Jersey
B. F. Goodrich Industrial Products Co.
Hastings Plastics Inc.
\*\*IDEAL CHEMICAL PRODUCTS, INC.
Industrial Metal Protectives, Inc.
Kelsey-Hayes Co.
Kemp, Inc.
Lebec Chemical Corp.
Linde Co., Div.-Union Carbide
New England Tape Co., Inc.
Norton Co.
Olin Mathieson Chemical Corp., High Energy
Fuels Div.
Penetone Co., The
Sel-Rex Corp.
Silicone Products Dept., General Electric Co.
Sparta Mfg. Co.
Arthur Tickle Engrg. Works, Inc.
United Shoe Machinery Corp.
Vorac Co., The
Wollensak Optical Co.
Zirconium Corp. of America

COBALT

Avondale Co., The Belmont Smelting & Refining Works, Inc. Bram Metallurgical & Chemical Co. Delta Chemical Works, Inc. National Engrg. Products, Inc.

#### COMPOUNDS, CALKING & SEALING

SEALING

Arco Co., The
Barium & Chemicals, Inc.
Belmont Smelting & Refining Works, Inc.
Carl Biggs Co.
Delta Chemical Works, Inc.
Drilube Co.
B. F. Goodrich Industrial Products Co.
Magnetic Shield Div.-Perfection Mica Co.
National Engra, Products, Inc.
Parker-Hannitin Corp.
Reichhold Chemicals, Inc.
Sauereisen Cements Co.
Seal-Peel, Inc.
Silicone Products Dept., General Electric Co.
Silicone Div.-Union Carbide Corp.
L. Sonneborn & Sons, Inc., Building Products Div.
Topper Mfg. Co., Inc.
United Shoe Machinery Corp.
Western Coating Co.
X-Pando Corp.
Zophar Mills Inc.

#### COMPOUNDS, POTTING

Bacon Industries, Inc.
Carl Biggs Co.
Biwax Corp.
Delta Chemical Works, Inc.
Dennis Chemical Co.
Narmcon Resins & Coatings Co.
National Engrg. Products, Inc.
New England Tape Co.
New England Tape Co.
Sauereisen Cements Co.
Sauereisen Cements Co.
Sauereisen Cements Co.
Silicone Div. Union Carbide Corp.
Topper Mig. Co., Inc.
Zophar Mills Inc.

#### COMPOUNDS, WATERPROOFING

Avondale Co., The
Barium & Chemicals, Inc.

\*\*BAUSCH & LOMB OPTICAL CO.

\*\*Balmont Smelting & Refining Works, Inc.
Carl Biggs Co.

Biwas Corp.
Calcar Corp., Aircraft Div.
Delta Chemical Works, Inc.
Duracole Corp.
B. F. Goodrich Industrial Products Co.
Hicks Corp., The
Horsey, Robson & Co., Inc.
Nopco Chemical Co.
Silicone Products Dept., General Electric Co.
Silicones Div.-Union Carbide Corp.
L. Sonneborn & Sons, Inc., Building Products Div.
Thieblot Aviation Co., Div.-Vitro Corp. of
America
Topper Mig. Co., Inc.
Trio Chemical Works, Inc.
Union Asbestos & Rubber Co.
United Shoe Machinery Corp.
X-Pando Corp.
Zophar Mills Inc.

CONES, METAL

Allied Research & Engrg., Div.-Allied Record Mig. Co. Amatom Electronic Hardware Co. Inc. American Brass Co., The American Car & Foundry Div., ACF Industries,

American Brass Co., The
American Car & Foundry Div., ACF Industries,
Inc.
American Welding & Mfg. Co., The
Atlantic Research Corp.
Morris Bean & Co.

\*\*COPPER DEVELOPMENT CORP.
Corning Glass Works
Cuno Engra Corp. The
\*\*DIVERSEY ENGRG. CO.
Eaton Mfg. Co., Inc., Fredric Flader Div.
Corote Brothers Gear & Machine Corp.
G. W. Galloway Co.
General Electric Co., Missile & Ordnance Systems Dept. (Pa)
Ludwig Honold Mfg. Co.
Hupp Avistion Co.
Hupp Avistion Co.
Ningersoll Kalamazoo Div., Borg-Warner Corp.
Walter K. Jaros, Aircrafters
Kaiser Aircraft & Electronics Div.-Kaiser Industries Corp.
Kling Metal Spinning & Stamping Co.
La Pointe Industries Inc.
\*\*LAYELLE AIRCRAFT CORP.
Longren Aircraft Co., Inc.
Magnetic Shield Div., Perfection Mica Co.
P. R. Mallory & Co. Inc.
Mugler Products-Erco, Div.-ACF Industries, Inc.
\*\*PHOENIX PRODUCTS CO.
POPTIAND Copper & Tank Works Inc.
Pressed Steel Tank Co.
State Control Co.
Smith-Morris Corp.
Solar Aircraft Corp.
Solar Aircraft Co.
Size Control Co.
Smith-Morris Corp.
Solar Aircraft Co.
Spincraft, Inc.
Superior Spinning & Stamping Co.
Thompson Products, Inc.
Titanium Metals Corp.
Solar Aircraft Co.
Spincraft, Inc.
\*\*UNITED AIRCRAFT PRODUCTS.
UNITED AIRCRAFT PRODUCTS.
United States Chemical Milling Corp.
Vard Inc.
Warren Mfg. Div., Warren Brothers Roads Co.
Wright Aeronautical Div., Curtiss-Wright Corp.

Vard Inc. Warren Mfg. Div., Warren Brothers Roads Co. Wright Aeronautical Div., Curtiss-Wright Corp.

#### CONTROLS. MATERIALS **THICKNESS**

Briggs Associates, Inc.
Cleveland Instrument Co.
Electronic Control Corp.
General Electric Co., Missile & Ordnence Systems Dept. (Vt.)
Size Control Co.

#### DIE CASTINGS

Aluminum Co. of America. American Car & Foundry Div., ACF Industries, American Car & Foundry Div., ACF Industric Inc.
Inc.
Anchor Metal Co. Inc.
Bendix Foundries, Bendix Aviation Corp.
Belmont Smelting & Refining Works, Inc.
Bendix Products Inc.
Dale Products, Inc.
Dow Chemical Co., The
Electric Auto-Lite Co., The
Walter K. Jaros, Aircrafters
Magline Inc.
Stewart-Warner Corp.
Titan Metal Mfg. Co.
United Mfg. Co., The

#### DISSIPATORS, HEAT

\*AMERICAN MACHINERY & FOUNDRY CO. Continental Diamond Fibre Corp., Sub.-The Budd Co. Gasket, Packing & Specialty Co. Inc. General Railway Signal Co. Ronan & Kunzl Inc., Cryogenic Div. Telectro Industries Corp.
Trane Co., The

#### DROP FORGINGS

Aircraff Mechanics, Inc. Aluminum Co. of America American Brake Shoe Co. American Car & Foundry Div., ACF Industries, American Car & Foundry Div., ACF Industri Inc.
American Steel Foundries, Hammond Div.
Bendix Products Div., Bendix Aviation Corp.
\*BILLINGS & SPENCER CO., THE
\*CAMERON IRON WORKS, INC.
Capewell Mfg. Co.
Columbus Bolt & Forging Co.
Crucible Steel Co. of America
Dirilyte Co. of America, Inc.
G. M. Dykes Iron Works, Inc.
Endicett Forging & Mfg. Co., Inc.
Harrisburg Steel Co.
Walter K. Jaros, Aircrafters
Kelsey-Hayes Co.
Ladish Co.

Pettibone Mulliken Corp.
Sel-Rex Corp.
Steel Improvement & Forge Co., The
Thompson Products, Inc.
Transue & Williams Steel Forging Corp.
United Mig. Co., The
United Shoe Machinery Corp.
Utica Drop Forge & Tool Div.-Kelsey Hayes Co.
\*WESTINGHOUSE ELECTRIC CORP.
J. H. Williams Co.
Wyman-Gordon Co.

#### ELECTROPLATING EQUIPMENT

Aerodex, Inc.
Bogue Electric Mfg. Co.
Electric Auto-Lite Co., The
Green Rectifier Co.
Hammett Electric Co.
\*RESEARCH & ADVANCED DEVELOPMENT DIV.,
AVCO MFG. CORP.
Seal-Peel, Inc.
Western Coating Co.
\*WESTINGHOUSE ELECTRIC CORP.

#### EMBEDDED ASSEMBLIES

Airflyte Electronics Co. Allied Engraving & Stamping Co. Atlantic Instrument Corp., Sub.-American Elec-Atlantic Instrument Corp., Sub-Antronics, Inc.
Bacon Industries, Inc.
Bendix Aviation Corp., York Div.
Cleveland Metal Specialties Co.
\*COOPER DEVELOPMENT CORP.
Dale Products, Inc.
Dwyer Engrg. Co., Inc.
Electronic Techniques, Inc.
Precision, Inc.
Sohl Co., The
Telectro Industries Corp.
Tempo Instrument Inc.
Topper Mfg. Co., Inc.
Tucson Instrument Corp.
Ulfradyne, Inc.

Ultradyne, Inc.

#### FINISHERS, PLASTIC

FINISHERS, PLASTIC

Allied Engraving & Stamping Co.
American Agile Corp.
Arrowhead Products, Div.—Federal-Mogul-Bower
Bearings, Inc.
Avondale Co., The
Dale Products, Inc.
Duracote Corp.
Dwyer Engrg. Co., Inc.
Electric Auto-Lite Co., The
Electric Techniques, Inc.
Emerson Plastics Corp.
Erie Resistor Corp.
General Cement Mfg. Co., Div.-Textron Inc.
General Plastics Corp.
Hastings Plastics Corp.
Hastings Plastics Corp.
Jodee Plastics Co.
Walter Lee Chemical Corp.
\$\foatsUONES STAR PLASTICS CO. INC.
J. J. Monaghan Co., Inc.
Silicone Insulation, Inc.
Swedlow Plastics Co.
Topper Mfg. Co., Inc.
Truxton Industries, Inc.

#### FINISHES, LUMINOUS MATERIALS

Avondale Co., The Canadian Radium & Uranium Corp. General Cement Mfg. Co., Div.-Textron Inc. Star Engraving Co., Ltd.
United States Radium Corp.

#### FUSES, ELECTRIC

American Brass Co., The
\*AMERICAN MACHINE & FOUNDRY CO.
Atlantic Research Corp.
Bussmann Mfg. Div., McGraw-Edisonco.
Greenleaf Mfg. Co., The., Div.-Mandrel Indus-Greenleaf Mfg. Co., The., Div.-Mandrel Industries Inc.
Hammett Electric Co.
Librascope Inc.
Patterson, Moos Div.-Universal Winding Co., Inc.
\*RESEARCH & ADVANCED DEVELOPMENT DIV.,
AYCO MFG. CORP.
Royal, Electric Corp.
Stromberg-Carlson, Electronics Div.
Uniwave, Inc.

#### FUSES, ELECTRONIC, MISSILES

FUSES, ELECTRONIC, MISSILES

\*AMERICAN MACHINE & FOUNDRY CO.
Atlantic Research Corp.
Bendix Aviation Corp., York Div.
Bussmann Mig. Div., McGraw-Edison Co.
Cleveland Metal Specialties Co.
Collins Radio Co.

\*\*COOPER DEVELOPMENT CORP.
Dwyer Engro. Co., Inc.
Elgin Micronics, West Coast Div.-Elgin National
Watch Co.
Elgin National Watch Co.
Emerson Electric Mig. Co., The, Electronics &
Avionics Div.
\*\*Ernsworth Electronics Co., Div.-Int'l Telephone
& Telegraph Corp.
Geisler Labs.
General Electric Co., Missile & Ordnance Systems Dept. (Vt.)

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Div.
Motorola Inc., Military Marketing Div.
Pacific Scientific Co.
\*RESEARCH & ADVANCED DEVELOPMENT DIV.,
AVCO MFG. CORP.
Ryan Aeronautical Co.
Sightmaster Corp. Mutual Electronic Industries

Inc.
Stromberg-Carlson, Electronics Div.
Telectro Industries Corp.
Tempo Instrument Inc. Uniwa e Inc. Wayn Particle Corp.

#### FUSES. HYDRAULIC

\*\*PAMERICAN MACHINE & FOUNDRY CO.
Conax Corp.
Eddington Metal Specialty Co.
\*\*ELECTROL INC.
\*\*Walter J. Hyat Co., The
Sprague Engra, Corp.
\*\*UNITED AIRCRAFT PRODUCTS, INC.
\*\*VALCOR ENGRG, CORP.
\*\*Waldorf Instrument Co., Div. F. C. Huyck & Sons
Weston Hydraul'cs, Ltd.

#### FUSES, PLUG

Alpha Metals, Inc.
American Brass Co., The
Atlantic Research Corp.
Bussmann Mrg. Div., McGraw-Edison Co.
Hammett Electric Co.,
Neosil Products Co.
Royal, Electric Corp.

#### INSULATION, MATERIALS

Allied Plastics Supply Corp.,
Auburn Mig. Co., The
Auburn Spark Plug Co., Inc.,
William Brand & Co., Inc.,
Calfibe Co., Inc.,
Calfibe Co., Inc.,
Continental Diamond Fibre Corp., Sub.-The Villain Brain & Co., Inc.
Calfibe Co., Inc.
Continental Diamond Fibre Corp., SubBudd Co.
Crystal-X Corp.
Diamonite Products Mfg. Co.
Duracote Corp.
Eagle-Picher Co., The
Electronic Mechanics, Inc.
Emerson & Cuming, Inc.
Emerson & Cuming, Inc.
Emerson Plastics Corp.
Franklin Fibre-Lamitex Corp.
General Electric Co., Apparatus Sales Div.
Hastings Plastics Inc.
Hays Mfg. Co.
Industrial Mica Corp.
Joclin Mfg. Co.
Maryland Lava Co.
Mycalex Corp. of America
Norton Co.
Penn Fibre & Specialty Co., Inc.
Rex Corp., The
Rogers Corp.
Saxonburg Ceramics
Seaman Products
Silicone Insulation, Inc.
Silicones Div. Union Carbide Corp.
Sparta Mfg. Co.
Spaulding Fibre Co., Inc.
Swedlow Plastics Co.
Synthane Corp.
H. I. Thompson Fiber Glass Co.
Inopper Mfg. Co., Inc.
Union Asbestos & Rubber Co.
Warren Wire Co.
INSULATION PARTS

#### INSULATION PARTS

Allied Plastics Supply Corp. Auburn Mfg. Co., The Auburn Spark Plug Co., Inc. Diamonite Products Mfg. Co. Diamonite Products Mrg. Co.
Dixon Corp.
Electronic Mechanics, Inc.
Emerson Plastics Corp.
Enflo Corp.
Epoxy Products, Inc., Div.-Joseph Waldman &
Sons. Sons General Gasket Inc., Industrial Mica Corp.
L. O. F. Glass Fibers Co., Water Lee Chemical Corp., Maryland Lava Corp. of America Penn Fibre & Specialty Co., Inc., Rogers Corp., Ryan Aeronautical Co., Saxonburg Ceramics Silicone Insulation, Inc., Skytronics Saxonburg Ceramics
Silicone Insulation, Inc.
Skytronics
Sparta Mfg. Co.
Spaulding Fibre Co., Inc.
Stevens Products, Inc.
Surprenant Mfg. Co.
Swedlow Plastics Co.
H. I. Thompson Fiber Glass Co.

Topper Mfg. Co., Inc. Union Asbestos & Rubber Cc. Warren Wire Co.

#### Ceramic Insulation Parts

Allied Plastics Supply Corp.
American Lava Corp.
American Lava Corp.
B. G. Corp., The Bundix Aviation
Bendix Products Div. Bendix Aviation
COPER DEVELOPMENT CORP.
Corning Glass Works
Diamonite Products Mfg. Co.
Electric Auto-Lite Co., The
Electronic Mechanics, Inc.
Eric Resistor Corp., General Instrument Corp., Defense Products Div.
Heldor Mfg. Co., Inc., Isolantite Mfg. Corp.
Lapp Insulator Corp., Inc., Radio Specialties Div.
Litton Industries, Components Div.
Maryland Lava Co.
Mica Fabricating Co.
Mica Fabricating Co.
Mica Fabricating Co. Allied Plastics Supply Corp. Mica Fabricating Co.
Morganite, Inc.
Chester Morton Electronics Corp.
Norton Co.
Rogers Corp.
Saxonburg Ceramics
Skytronics
D. M. Steward Mig. Co.
TA Mig. Corp.
Thermo Materials, Inc.
Western Gold & Platinum
\*WESTINGHOUSE

#### Insulating Sleeves

Insulating Sleeves

Alited Plastics Supply Corp.
Auburn Mfg. Co., The
Auburn Spark Plug Co., Inc.
B G Corp., The
Birnbach Radio Co., Inc.
Borden Chemical Co., Inc.
Borden Chemical Co., Inc.
Borden Chemical Co., Inc.
Continental Diamond Fibre Corp.
William Brand & Co., Inc.
Continental Diamond Fibre Corp.
Corning Glass Works
Diamonite Products Mfg. Co.
Dixon Corp.
Electronic Mechanics, Inc.
Electronic Techniques, Inc.
Electronic Techniques, Inc.
Emerson Plastics Corp.
General Cable Corp.
General Cable Corp.
General Electric Co., Apparatus Sales Dv.
Jodee Plastics Co.
Lamtex Industries, Inc.
Walter Lee Chemical Corp.
Maryland Lava Co.
Mica Fabricating Co.
Mica Fabricating Co.
Mica Fabricating Co.
Resistollex Corp. of America
Penn Fibre & Specialty Co., Inc.
Resistollex Corp.
Rex Corp., The
Rogers Corp.
Saxonburg Ceramics
Silicone Insulation, Inc.
Surprenant Mfg. Co.
H. I. Thompson Fiber Glass Co.
Varilex Corp.

#### Rods

Allied Plastics Supply Corp.
Auburn Mfg. Co., The
Borden Chemical Co., The, Div.-The Borden Co.,
Resinite Dept.
Continental Diamond Fibre Corp., Sub.-The Resinite Dept.
Continental Diamond Fibre Co
Budd Co.
Corning Glass Works
Crystal-X Corp.
Diamonite Products Mfg. Co.
Dixon Corp.
Electronic Mechanics, Inc.
Emerson Plastics Corp.
Enflo Corp.
Franklin Fibre-Lamitex Corp.
Isolantite Mfg. Corp.
Jodee Plastics Co.
Walter Lee Chemical Corp.
Mica Fabricating Co.
Mycalex Corp. of America
Penn Fibre & Specialty Co., Inc.
Resistoflex Corp.
Rex Corp., The
Rogers Corp.
Silicone Insulation, Inc.
Spaulding Fibre Co.,
Loc.
Synthane Corp.
Iri-Point Plastics Inc.

#### Sheets

Allied Plastics Supply Corp.
Auburn Mfg. Co., The
Chicago-Allis Mfg. Corp.
Continental Diamond Fibre Corp. Sub. The
Budd Co.
Corning Glass Works
Crystal X Corp. Emerson Plastics Corp. Enflo Corp. Epoxy Products, Inc., Div.-Joseph Waldman & Sons Franklin Fibre-Lamitex Corp.
General Gasket Inc.
B. F. Goodrich Aviation Products
Hastings Plastics Inc.
Jodee Plastics Co.
Walter Lee Chemical Corp.
Magnetic Shield Div.-Perfection Mica Co.
Mica Fabricating Co.,
New England Laminates Co., Inc.
Pacific Moulded Products Co.
Resistoflex Corp.
Rex Corp., The
Rogers Corp.
Rubbercraft Corp. of California
Seaman Products Seaman Products
Silicone Insulation, Inc.
Spaulding Fibre Co., Inc.
Synthane Corp.

#### Silicone Rubber

Silicone Rubber

Allied Plastics Supply Corp.
Arrowhead Products, Div.-Federal-Mogul-Bower Bearings, Inc.
Auburn Mfg. Co., The
Auburn Spark Plug Co., Inc.
Bacon Industries, Inc.
N. S. Baer Co.
William Brand & Co., Inc.
Connecticut Hard Rubber Co., The
Continental Diamond Fibre Corp., Sub.-The
Budd Co.
Continental Products, Inc.
Daylon Aircraft Products, Inc.
Daylon Aircraft Products, Inc.
Delta Chemical Works (nc.
Duroyd Gasket Mfg. Co.
Electro-Flex Heat, Inc.
Emerson Plastics Corp.
General Gasket Inc.
Hallett Mfg. Co.
Mica Fabricating Co.
New England Tape Co. Inc.
Pacific Moulded Products Co.
Pean Fibre & Specialty Co., Inc.
Rogers Corp.
Rubbercraft Corp. of California
Silicone Products Dept., General Electric Co.
Silicones Div.-Union Carbide Corp.
Variex Corp.
Variex Corp.
Vesten Felt Works

Stampings & Punchings

### Stampings & Punchings

Abalon Precision Mfg. Corp.
Abalon Precision Mfg. Corp.
Accurate Electronics Corp., Dept. D
Allied Plastics Supply Corp.
Amatom Electronic Hardware Co. Inc.
American Brass Co., The
Auburn Mfg. Co., The
Bendix Products Div., Bendix Aviation Corp.
Bergen Carbide Co.
H. Braun Tool & Instrument Co., Inc.
Carroll Pressed Metal, Inc.
Continental Diamond Fibre Corp., Sub. The
Budd Co. Carrioll Pressed Metal, Inc.
Continental Diamond Fibre Corp., Sub. The
Budd Co.
Dixon Corp.
Duroyd Gasket Mfg. Co.
Electronic Techniques, Inc.
Elgin Micronics, West Coast Div.-Elgin National
Watch Co.
Emerson Plastics Corp.
Engineered Products Co., The
Gasket Mfg. Co. Inc.
General Gasket Inc.
Heldor Mfg. Co., Inc.
Kling Metal Spinning & Stamping Co.
Micro-Wire Tungsten & Molybdenum Products
Pacific Cut Washer Co.
Paul & Beekman, Inc.
Peerless Products Industries
Permax Products Div., Chisholm-Ryder Co., Inc.
Rowe Industries
Ryan Aeronautical Co.
Spaulding Fibre Co., Inc.
TA Mfg. Corp.
Transue & Williams Steel Forging Corp.
United-Carr Fastener Corp.
Wrought Washer Mfg. Co.

INSULATORS INSULATORS

Accurate Electronics Corp., Dept. D
Allied Plastics Supply Corp.
American Lava Corp.
Auburn Mig. Co., The
Auburn Mig. Co., The
Auburn Spark Plug Co., Inc.
Continental Diamond Fibre Corp., Sub. The
Budd Co.
Dayton Aircraft Products, Inc.
Dixon Corp.
Electronic Mechanics, Inc.
Emerson Plastics Corp.
Enflo Corp.
Erie Resistor Corp.
Garde Mig. Co.
Gatte Corp.
General Cement Mig. Co., Div. Textron Inc.
Hallett Mig. Co.
Isolantite Mig. Corp.
Joclin Mig. Co.
E. F. Johnson Co.
Lapp Insulator Co., Inc., Radio Specialties Div. Walter Lee Chemical Corp.
Litton Industries, Components Div.
Maryland Lava Co.
Mica Fabricating Co.
Mycalex Corp. of America
Saxonburg Ceramics
Silicone Insulation, Inc.
Stevens Products, Inc.
Synthane Corp.
Tristone Corp.
WissTINGHOUSE ELECTRIC CORP.
Wind Turbine Co.

#### INTERVALOMETERS

INTERVALOMETERS

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\*COOPER DEVELOPMENT CORP.

Joe Davidson & Associates
Elektro-Serv Co.
Elgin Micronics, West Coast Div.-Elgin National
Watch Co.
Exact Engrg & Mig. Inc.

\*FLIGHT RESEARCH, INC.
General Controls Co.
Hamilton Watch Co., Military Products Div.

\*A. W. HAYDON CO., THE
Mast Development Co., Inc.
J. A. Maurer, Inc.
Modglin Co., Inc.
Royal Industries, Inc.
Standard Armament Inc.
Tempo Instrument Inc.
Thompson Products, Inc.

#### MAGNESIUM & ALLOYS

All Boro Metal Products Co., Inc.
Aluminum Co. of America
American Silver Co.
Bram Metallurgical & Chemical Co.
Bram Metallurgical & Chemical Co.
Dow Chemical Co., The
Light Metals, Inc.
Magline Inc.
South River Metal Products Co., Inc.

#### MERCURY

Belmont Smelting & Refining Works, Inc.
Bram Metallurgical & Chemical Co.
Dynametrics Corp.
Eastern Smelting & Refining Corp.
Hammett Electric Co.
Thompson Products, Inc.

#### METAL CLAD SHEETS

METAL CLAD SHEETS

Allied Plastics Supply Corp.
Alpha Metals, Inc.
Aluminum Co. of America
American Silver Co.
Bomyte Co., The
Bram Metallurgical & Chemical Co.
Continental Diamond Fibre Corp., Sub-The Budd
Co.
Dwyer Engrg. Co., Inc.
General Plastics Corp. of New Jersey
Heldor Mig. Co., Inc.
Leach & General Co., Includers Steel Co.
Magnetic Shield Div.-Perfection Mica Co.
Metals & Controls Corp.
New England Laminates Co., Inc.
Sf. Regis Paper Co.
Synthane Corp.

#### METAL MACHINING

Abalon Precision Mfg. Corp. Abrodex, Inc.
Aircraft Mechanics, Inc.
All American Aircraft Products, Inc.
American Car & Foundry Div., ACF Industries,

\*AMERICAN MACHINE & FOUNDRY CO.

Ampco Metal, Inc. Arnolt Corp. Atlantic Instrument Corp., Sub.-American Elec-Amolt Corp.
Atlantic Instrument Corp., Sub-American Electronics, Inc.
Bergen Carbide Co.
Beridowater Machine Co.
Bullard Co., The
Champion Airquipment Inc.
B. Christiansen Co.
Clausing DivArius Press Co.
\*COPER EYELOPMENT CORP.
\*DALMO VICTOR CO., DIV.-TEXTRON INC.
Daystrom Instrument Div., Daystrom, Inc.
J. P. Devine Mrg. Go.
S. M. Dietil Machine Works
\*DIVERSEY ENGRG. CO.
Dumont Aviation Associates
Dwyer Engrg. Co., Inc.
G. M. Dykes Iron Works, Inc.
Eddington Metal Specialty Co.
Electronic Techniques, Inc.
Elgin Micronics, West Coast Div.-Elgin National
Watch Co.
Elay Copp.
Federal Machine Co, Inc.
Freeman Co., The
General Findings & Supply Co., Industrial Div.
General Railway Signal Co.
Goodyear Aircraft Corp.
B. H. Hadley, Inc.
Hahn & Clay
Hamilton Watch Co., Military Products Div.

\*HARTFORD MACHINE SCREW CO., DIV.STANDARD SCREW CO.
Heldor Mrg. Co., Inc.
Hicks Corp., The
Alfred Hofmann & Co.
Henry & Miller Industries, Inc.
\*HOUDAILE INDUSTRIES, INC., BUFFALO
HYDRAULICS DIV.
Houston Fearless Corp.
Hupp Aviation Co.
Hydra-Power Corp.
Ingersoll Kalamazoo Div., Borg-Warner Corp.
Walter K. Jaros, Aircrafters
Jennings & Co.
Jones & Lamson Machine Co.
Kaiser Aircraft & Electronics Div.-Kaiser Industries Corp.
Kelsey-Hayes Co.
Kerns Mfg. Corp. Kaiser Aircraft & Electronics Div.-Raiser Industries Corp.
Keisey-Hayes Co.
Kemp Inc.
Kerns Mfg. Corp.
La Pointe Industries Inc.
Leach & Garner Co., Industrial Div.
Liftion Industries, Components Div.
\*LYCOMING DIV., AVCO MFG. CORP.
Lytle Engrg. & Mfg. Co.
Machine Engrg. Co., Inc.
R. C. Mahon Co., The
Mechanical Div.-General Mills, Inc.
Menasco Mfg. Co.
Mercury Air Parts Co., Inc.
Milman Engrg. Co.
J. J. Monagahn Co., Inc.
National Airoil Burner Co.
O. & M Machine Co., Inc.
Ozone Metal Products Corp.
Parish Pressed Steel, Div.-Dana Corp.
Peerless Products Industries
Permax Products Div., Chisholm-Ryder Co., Inc.
Olick Charge Corp.
Rowe Industries
Ryan Aeronautical Co.
\*SCREW PRODUCTS CORP. OF AMERICA
Sesco Mfg. Inc.
Smith-Morris Corp.
Solar Aircraft Co.
South River Metal Products Co., Inc.
Specialties Mfg. Co., Inc.
Strata Instrument Co.
Strata Instrument Co.
Stanal Mfg. Co., Inc.
Strata Instrument Co.
Stanal Avisition Corp.

Sundstrand Turbo Div., Sundstrand Machine Too Co.,
Stanley Aviation Corp.
Talley Corp., The
Technical Oil Tool Corp.
Thompson Products, Inc.,
Arthur Tickle Engrg. Works, Inc.
Turbo Products, Inc.
Twix Mfg. Co., Inc.
Twix Mfg. Co., Inc.
Twix Mfg. Co., The United Shoe Machinery Corp.
United Shoe Machinery Corp.
Universal Metal Products Inc.
Uniwave, Inc.
Vinco Corp.
Warren Mfg. Div., Warren Brothers Roads Co.
Wasylington Div., Warren Brothers Roads Co.
Wasylington Corp.
Weber Aircraft Corp.
Weber Aircraft Corp.
Weber Arc Welding, Inc.
Wheland Co., The
Winchester-West. Div.-Olin Mathieson Chem.
Corp. Corp.
Wright Aeronautical Div., Curtiss-Wright Corp.

#### METAL PARTS

Abalon Precision Mfg. Corp. Acromark Co., The All American Aircraft Products, Inc. Altamil Corp. Altamil Corp.

Anterican Brass Co., The
American Standard Products, Inc.
Amplex Div.-Chrysler Corp.,
Sub.-American Electronics, Inc.
Belmont Smelting & Refining Works, Inc.
Belmont Smelting

Cleveland Graphite Bronze Co., Div.-Clevite Corp.

\*\*COOPER DEVELOPMENT CORP.

\*\*PDALMO VICTOR Co., DIV.-TEXTRON INC.
J. P. DeVine Mrg. Co.
Elgin Micronics, West Coast Div.-Elgin National Watch Co.
Eljay Corp.
Federal Machine Co. Inc.
Garde Mrg. Co.
B. H. Hadley, Inc.
Hamilton Watch Co., Military Products Div.
Watter K. Jaros, Aircrafters
Kemp Inc.
Kerns Mrg. Corp.
Kling Metal Spinning & Stamping Co.

\*\*LAYEZZI MACHINE WORKS
Litton Industries, Components Div.

\*\*LYCOMING DIV., AVCO MFG. CORP.

P. R. Mallory & Co. Inc.
J. A. Maurer, Inc.
Mercury Air Parts Co., Inc.
Metal Masters, Inc.
Ozone Metal Products Corp.
Pacific Cut Washer Co.,
Peerless Products Industries
Ouick Charge Corp.
Rosan, Inc.
Ryan Aeronautical Co.
St., Marys Carbon Co.
\*\*SCREW PRODUCTS CORP. OF AMERICA
Seamless Products Co., Inc.
Sinclair Mig. Co.
Smith-Morris Corp.
Standard Locknut & Lockwasher Inc.
Sundstrand Turbo Div., Sundstrand Machine Text
Co.
Stanley Ayiation Corp.

Co.
Sylvania Electric Products Inc., Parts Div.
Titan Metal Mig. Co.
Torrington Co., The
Twin Coach Co.-Aircraft Div.
United Shoe Machinery Corp.
Universal Metal Products Inc.

\*WASHINGTON ALUMINUM CO., INC. Wenco Mfg. Co. Winchester-West. Div.-Olin Mathieson Chem. Corp. Wrought Washer Mfg. Co.

#### Bushings

Bushings

Amatom Electronic Hardware Co. Inc.
American Brake Shoe Co.
American Stadeard Products, Inc.
American Standard Products, Inc.
Ampco Metal, Inc.
Ample Div.-Chrysler Corp.
Associated Co., Inc.
Bergen Carbide Co.
Bound Brok Oil-less Bearing Co.
J. H. Bunnell & Co.
Carbone Corp., The
Century Fasteners Corp.
Cleveland Graphite Bronze Co., Div.-Clevite
Corp.
Corbin Products Div.
Davton Mig. Co., Inc.
R. C. Dudek & Co.
Dumont Aviation Associates
Elgin Micronics, West Coast Div.-Elgin National
Watch Co.
Eljay Corp.
General Cable Corp.
General Cable Corp.
General Cable Corp.
B. H. Hadley, Inc.
Walter K. Jaros, Aircrafters
Kasar Mig. & Distributing Co., Inc.
Kemp Inc.
La Pointe Industries Inc.
Litton Industries, Components Div.
J. A. Maurer, Inc.
Orange Roller Bearing Co., Inc.
Randall Graphite Bearings, Inc.
Randall Graphite Bearings, Inc.
Rattan Mig. Co., The
Rosan, Inc.
St. Marys Carbon Co.
\*\*SCREW PRODUCTS CORP. OF AMERICA
Seamless Products Co., Inc.
Shenanga Furnace Co., The, Centrifugally Cast
Products Div., Soundstrand Machine Tool
Co.
Wrought Washer Mig. Co.

Wrought Washer Mfg. Co.

#### Lead

Alpha Metals, Inc. Anchor Metal Co., Inc. Belmont Smelting & Refining Works, Inc. Cleveland Graphite Bronze Co., Div.-Clevite Cleveland Graphite Bronze Corp. Division Lead Co. Duroyd Gasket Mfg. Co. B. H. Hadley, Inc. Walter K. Jaros, Aircrafters Keystone Carbon Co.

Powdered Powdered

Aluminum Co. of America
Amplex Div.-Chrysler Corp.
Bound Brook Oil-less Bearing Co.
J. H. Bunnell & Co.
Cleveland Graphite Bronze Co., Div.-Clevite
Corp.
Cuno Engrg. Corp., The
Delta Chemical Works, Inc.
Division Lead Co.
Eaton Mfg. Co.
Keystone Carbon Co.
Magnetic Shield Div.-Perfection Mica Co.
P. R. Mallory & Co. Inc.
Mercury Air Parts Co., Inc.
Raybestos-Manhattan, Inc.
St. Marys Carbon Co.
Stewart-Warner Corp.
A. U. Stone & Co., Inc.
Superior Carbon Products, Inc.

#### . . . warhead & nose cone

S. K. A. Ilman Co., The Automatic Machine Screw Co., Div.

WESTINGHOUSE ELECTRIC CORP.

#### Screw Machine

A&P Metal Products Mfg. Corp.
Abalon Precision Mfg. Corp.
Aerofron Supply Co.
Aerofron Supply Co.
Affiliated Screw Products Co.
Airborne Research & Development Corp.
All American Aircraft Products, Inc.
Aluminum Co. of America
Amatom Electronic Hardware Co. Inc.
\*AMERICAN MACHINE & FOUNDRY CO.
American Non Gran Bronze Co.
American Standard Products, Inc.
Arnolf Corp.

\*HARTFORD

\*\*AMERICAN MACHINE & FOUNDRY CO.
American Non Gran Bronze Co.
American Standard Products, Inc.
American Standard Products, Inc.
Arnolf Corp.
Associated Co., Inc.
Bergen Carbide Co.
Bergen Co.
Century Fasteners Corp.
Chicago Screw Co., The, Div.-Standard Screw Co.
Circon Component Corp.
Circon Component Corp.
Circon Component Corp.
Connector Corp. of America
Corbin Products Div.
Dalmore Corp.
Dumont Aviation Associates
Eddington Metal Specialty Co.
Electronic Techniques, Inc.
Elgin Micronics, West Coast Div.-Elgin National Watch Co.
Electronic Techniques, Inc.
Elgin Micronics, West Coast Div.-Elgin National Watch Co.
Freeman Co., The
Freeman Components Inc.
General Findings & Supply Co., Industrial Div.
Goe Engry. Co.
Hamilton Watch Co., Military Products Div.
\*\*HARTFORD MACHINE SCREW CO., DIV.\*\*STANDARD SCREW CO., Inc.
Alfred Hofmann & Co.
Walter K. Jaros, Aircrafters
Ka'ar Mfg. Co., Inc.
J. I., Moris Co.
National Lock Co.
O'ange Roller Bearing Co., Inc.
J. J., Moris Co.
National Lock Co.
O'ange Roller Bearing Co., Inc.
Pic Design Corp., Sub-Benrus Watch Co., Inc.
Peciese Instrument Parts Co., A Corp.
Research Development Mfg. Inc.
\*\*SYCKEW PRODUCTS CORP. OF AMERICA
Sinclair Mfg. Co.
SVinner Prevision Products

\*SCREW PRODUCTS CORP. OF AMERICA

SCREW PRODUCTS CORP. OF AMERICA
Sinclair Mfg. Co.
Skinner Precision Products
Specialties Mfg. Co., Inc.
Herman D. Steel Co.
Wm. Steinen Mfg. Co.
A. U. Stone & Co., Inc.
Standard Locknut & Lockwasher Inc.
Sundstrand Turbo

Sundstrand Turbo Div., Sundstrand Machine Tour Co., Technical Oil Tool Corp. Titan Metal Mfg. Co. Torrington Co., The YUNITED AIRCRAFT PRODUCTS, INC. Vemaline Products Co. Waltham Screw Co. Waltham Screw Co. Wilmar Mfg. Co., Inc. Winder Aircraft Corp. of Fla. J. H. Winn Inc. Wright Aeronautical Div., Curtiss-Wright Corp.

#### Small Metal Stampings

Small Metal Stampings

Abalon Precision Mfg, Corp.
Accurate Electronics Corp., Dept. D

Accurate Specialties Co. Inc.
Acromark Co., The
Aerolite Electronics Corp.
Aircraft Mechanics, Inc.
All American Aircraft Products, Inc.
All American Aircraft Products, Inc.
All American Aircraft Products, Inc.
Aluminum Co. of America
Amatom Electronic Hardware Co. Inc.
American Brass Co., The
Art Wire & Stamping Co.
Associated Co., Inc.
Atlas E-E Corp.
Auburn Mfg. Co., The
Basic Tool Industries, Inc.
Belmont Smelting & Refining Works, Inc.
Bergen Carbide Co.
Blowers Inc.
H. Braun Tool & Instrument Co., Inc.
Butler Mfg. Co.
Carroll Pressed Metal, Inc.
\*\*COMMERCIAL SHEARING AND STAMPING CO.
Corbin Products Div.
Davion Mfg. Co., Inc. Commercial Sheaking A
Corbin Products Div.
Dayton Mfg. Co., Inc.
J. P. DeVine Mfg. Co.
Dumont Aviation Associates

Electronic Techniques, Inc.
Elgin Micronics, West Coast Div. Elgin National
Watch Co.
Eliay Corp.
Eliay Corp.
Eliay Grop.
Erie Resistor Corp.
Garde Mig. Co.
Gasket Mig. Co. Inc.
Gasket Packing & Specialty Co. Inc.
General Components Inc.
General Findings & Supply Co., Industrial Div.
Hamilton Watch Co., Military Products Div.
Heldor Mig. Co., Inc.
Hunter Spring Co.
Walter K. Jaros, Aircrafters
Kelsey-Hayes Co.
King Metal Spinning & Stamping Co. \*LAMINATED SKIM CO. La Pointe Industries Inc. Leach & Garner Co., Industrial Div.

La Pointe Industries Inc.
Leach & Garner Co., Industrial Div.
Leetronics, Inc.
Longren Aircraft Co., Inc.
Lytle Engrg. & Mfg. Co.
Machine Engrg. Co., Inc.
Micro Tool & Mfg. Co.
Metal Forming Corp.
Metal Masters, Inc.
Micro-Wire Tungsten & Molybdenum Products
National Lock Co.
Ozone Metal Products Corp.
Parish Pressed Steel, Div., Dana Corp.
Peerless Products Industries
Permax Products Div., Chisholm-Ryder Co., Inc.
Ouick Charge Corp.
Reliable Spring & Wire Forms Co., The
Robert Industries
Ryan Aeronautical Co.
St. Marys Carbon Co.
Schaffer Air Industries, Inc.
Seamless Products Inc.
Seamless Products Co., Inc.
Sinclair Mfg. Co.
Smith-Morris Corp.
Solar Aircraft Co.
South River Metal Products Co., Inc.
Specialties Mfg. Co., Inc.
Specialties Mfg. Co., Ltd.
Wm. Steinen Mfg. Co.
Superior Spinning & Stamping Co.
Sylvania Electric Products Inc., Parts Div.
Technical Oil Tool Corp.
Techniques, Inc.

Sylvania Electric Products Inc., Parts Div. Technical Oil Tool Corp. Techniques, Inc.
Transue & Williams Steel Forging Corp. Tricon Mfg. Co.
Turbo Products, Inc.
Transue & Williams Steel Forging Corp.
Tricon Mfg. Co.
Turbo Products, Inc.
Twin Coach Co.-Aircraft Div.
Twix Mfg. Co., Inc.
United Co., The. Div.-United-Carr Fastener Corp.
\*UNITED AIRCRAFT PRODUCTS, INC.
United-Carr Fastener Corp.
United-Carr Fastener Corp.
United-Carr Fastener Corp.
United-Carr Fastener Corp.
Waterbury Companies, Inc.
Wayne Foundry & Stamping Co.
Western Arc Welding, Inc.
Winder Aircraft Corp. of Fla.
J. H. Winn Inc.
Wrought Washer Mfg. Co.

#### Spinnings

Aluminum Co. of America
Associated Co., Inc.
Dayton Mig. Co., Inc.
Dayton Mig. Co., Inc.
Dean & Benson Research Inc.
\*\*PIVERSEY ENORG. CO.
Elgin Micronics, West Coast Div.-Elgin National
Watch Co.
Heldor Mig. Co., Inc.
Walter K. Jaros, Aircrafters
Kelsey-Hayes Co.
Kling Metal Spinning & Stamping Co.
La Pointe Industries Inc.
Longren Aircraft Co., Inc.
\*\*PHOENIX PRODUCTS CO.
Roland Teiner Co., Inc.
Seamless Products Co., Inc.
Solar Aircraft Co.
Spincraft, Inc.
Superior Spinning & Stamping Co.
Thompson Products, Inc.
\*\*C. W. TORNGREN CO., INC.
\*\*UNITED AIRCRAFT PRODUCTS, INC.
\*\*UNITED AIRCRAFT PRODUCTS, INC.
\*\*United States Chemical Milling Corp.
Wright Aeronautical Div., Curliss-Wright Cerp.

#### Trimmings

Eigin Micronics, West Coast Div.-Eigin National Watch Co. Heldor Mfg. Co., Inc. La Pointe Industries Inc. ROII Formed Products Co. Seamless Products Co., Inc. Smith-Morris Corp. Winder Aircraft Corp. of Fla.

#### METAL STOCK, POROUS BEARING

Amplex Div.-Chrysler Corp. St. Marys Carbon Co.

#### METAL STOCK, THERMOSTATIC

American Silver Co.
Bram Metallurgical & Chemical Co.
Crucible Steel Co. of America
General Electric Co., Missile & Ordnance Systems Dept. (Pa.)
A. F. Holden Co., The
Metals & Controls Corp.

#### METAL TREATING

METAL IREATING

Aerodex, Inc.
J. P. DeVine Mfg. Co.
Hamilton Watch Co., Military Products Div.
Ingersoll Kalamazoo Div., Borg-Warner Corp.
Parish Pressed Steel, Div.-Dana Corp.
H. K. Porter Inc.
Standard Metals Corp.
Sundstrand Turbo Div., Sundstrand Machine
Tool Co.
C. W. TORNGREN CO., INC.
Turco Products, Inc.
United Shoe Machinery Corp.
Winder Aircraft Corp. of Fla.
Wright Aeronautical Div., Curtiss-Wright Corp.

#### NICKEL

Accurate Specialties Co., Inc.
Allied Research & Engrg., Div.-Allied Record
Mfg. Co.
American Silver Co.
Belmont Smelting & Refining Works, Inc.
J. Bishop & Co. Platinum Works
Bram Metallurgical & Chemical Co.
Delta Chemical Works, Inc.
Wilbur B. Driver Co.
Wilbur B. Driver Co.
of America

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ACF Industries, Inc., Advanced Products Div. Allied Plastics Supply Corp. American Agile Corp. American Electronics, Inc. American Ague Corp.
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\*AMERICAN MACHINE & FOUNDRY CO.
American Silver Co.
Anchor Metal Co. Inc.
Delta Chemical Works, Inc.
Firth Sterling Inc.
G. W. Galloway Co.
Gasket, Packing & Specialty Co. Inc.
Norton Co.
Nuclear Corp. of America, Inc.
Olin Mathieson Chemical Corp., High Energy
Fuels Div.
Radiation Counter Labs., Inc.
Telectro Industries Corp.
Thompson Products, Inc.

#### OXIDE, ALUMINUM

Aluminum Co. of America American Lava Corp. Auburn Spark Plug Co., Inc. B G Corp., The \*COOPER DEVELOPMENT CORP.

COOPER DÉVELOPMENT CORP.
Corning Glass Works
Delta Chemical Works, Inc.
Diamonite Products Mfg. Co.
Electronic Mechanics, Inc.
Linde Co., Div.-Union Carbide
Morganite, Inc.
Chester Morton Electronics Corp.
Norton Co.,
Saxonburg Ceramics
C. W. Turk Corp.
Western Gold & Platinum

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\*COOPER DEVELOPMENT CORP.
Dayton Aircraft Products, Inc.
Security Parachute Co.
Wagner Awning & Mfg. Co., The

#### PARACHUTE HARDWARE

All American Aircraft Products, Inc. Amatom Electronic Hardware Co. Inc. \*AMERICAN MACHINE & FOUNDRY CO. Aviation Developments Inc. Bridgwater Machine Co. Capewell Mfg. Co. Century Fasteners Corp.

\*COOPER DEVELOPMENT CORP.

\*CODER DEVELORMENT CORP.
Corbin Products Div.
Fulton-Irgon Corp., The
\*HARTFORD MACHINE SCREW CO.,
STANDARD SCREW CO.
Walter K. Jaros, Aircrafters
Propellex Chemical Corp.
Security Parachute Co.,
Waldom Electronics Inc.

#### PLATES, METAL OR PLASTIC

Acromark Co., The Aerolite Electronics Corp. Allied Plastics Supply Corp. Aluminum Co. of America Atlantic Engravers, Inc.

Bram Metallurgical & Chemical Co.
Canadian Radium & Uranium Corp.
Continental Diamond Fibre Corp., Sub.—The
Budd Co.
For Dietr Co., Inc., The
Dietr Co., Inc., The
Electronic Techniques, Inc.
Eric Resistor Corp.
Industrial Engravers Inc.
Jodee Plastics Co.
Kling Metal Spinning & Stamping Co.
M.W Labs., Inc.
Plastic Age Sales, Inc.
Solt Co. The
Spartan Marking Corp.
Star Engraving Co., Ltd.
Titanium Metals Corp. of America
Truxton Industries, Inc.
United Mig. Co., The
United States Radium Copp.
Vacuum Metals Corp., Div. Crucible Steel Co.
of America
Virginia Plak Co.
Waterbury Companies, Inc.
Waterbury Companies, Inc. Waterbury Companies, Inc.

#### PLATING, PRECIOUS METAL

Aerodex, Inc.
Attleboro Refining Co. Inc.
Bart Mig. Corp.
Bram Metallurgical & Chemical Co.
Circon Component Corp.
Cohan Epner Co. Inc.
Drilube Co.
Harper-Leader, Inc.
Leach & Garner Co., Industrial Div.
Metals & Controls Corp.
Henny & Miller Industries, Inc.
Precision Electroplating Co.
\*RESEARCH & ADVANCED DEVELOPMENT DIV.,
AVCO MFG. CORP.
Sundstrand Turbo Div., Sundstrand Machine
Tool Co.

#### QUARTZ, FUSED

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Davidson Mfg. Co.
Delta Chemical Works, Inc.
Hammett Electric Co.
Kemlite Laboratories, Inc.
Mica Fabricating Co.
August E. Miller Laboratories
Patterson, Moos Div.-Universal Winding Co.,
Inc. Perkin-Elmer Corp.
Ultra-Violet Products, Inc.

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RELEASE MECHANISMS

Aero Supply Mfg. Co., Inc.
Aircraft Armaments, Inc.
Atlantic Research Corp.
Aviation Developments Inc.
Beckman & Whitley, Inc., Missile Products Div.
Bridgwafer Machine Co.
Capewell Mfg. Co.
Conax Corp.
Consolicated Controls Corp.
\*\*COOPER DEVELOPMENT CORP.
Dayton Aircraft Products, Inc.
\*\*DIVERSEY ENGRG. CO.
Fulton-Irgon Corp. The General Electric Co., Missile & Ordnance Systems Dept. (Pa.)
Gray & Huleguard Inc.
Kaiser Aircraft & Electronics Div.-Kaiser Industries Corp.
Kearfort Co., Inc.
Librascope Inc.
Master Specialties Co.
J. A. Maurer, Inc.
McCormick Selph Associates
McComick Selph A

SNAP SWITCH & MFG. CO.

SNAP SWITCH & MFG. CO.

Olin Mathieson Chemical Corp., High Energy Fuels Div.

Pioneer-Central Div., Bendix Aviation Corp.

Propellex Chemical Corp.

Republic Aviation Corp., Guided Missiles Div.

\*\*RESEARCH & ADVANCED DEVELOPMENT DIV.,

AVCO MFG. CORP.

Royal Industries, Inc.

Stanley Aviation Corp.

Talco Engrg. Co., The

Technical Oil Tool Corp.

Telectro Industries Corp.

Telectro Industries Corp.

Telectro Industries Corp.

Theblot Aviation Co., Div.-Vitro Corp. of

America

Winchester-West. Div.-Olin Mathieson Chem.

Corp.

#### RINGS, SPECIAL

Accurate Specialties Co. Inc.
Advanced Products Co., The
American Welding & Mfg. Co., The
Auburn Mfg. Co., The
Bridgwater Machine Co.
C. B. Christiansen Co.
Continental Diamond Fibre Corp., Sub.—The
Budd Co.
Dayton Mfg. Co., Inc.
Engelhard Industries Inc., D. E. Makepeace Div.

Federal Machine Co. Inc. Gasket, Packing & Specialty Co. Inc. General Cable Corp. Ladish Co. La Pointe Industries Inc. La Pointe Industries Inc.
Leetronics, Inc.
J. J. Monaghan Co., Inc.
Pacific Cut Washer Co.
Rubbercraft Corp. of California
Ryan Aeronautical Co.
Size Control Co.
Spincraft, Inc.
Thompson Products, Inc.
Thompson Products, Inc.
Turbo Products, Inc.
\*UNITED AIRCRAFT PRODUCTS, INC.
U. S. Hammered Piston Ring Co., Inc.
United States Chemical Milling Corp.
Western Arc Welding, Inc.

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Allmetal Screw Products Co., Inc.
Allminum Co. of America
Aviation Developments Inc.
Bland Burner Co., The
Briles Mfg.
Century Fasteners Corp.
Chase Brass & Copper Co., Inc.
Circon Component Corp.
Corbin Products Div.
Dumont Aircraft Fitting Co.
Dumont Aviation Associates
Federal Screw Products Inc.
General Findings & Supply Co., Industrial Div.
B. F. Goodfich Aviation Products
John Hassall, Inc.
Hi-Shear Rivet Tool Co.
Huck Mfg. Co.
Walter K. Jaros, Aircrafters
Reed & Prince Mfg. Co.
Republic Steel Corp.
Titanium Metals Corp. of America
United Shoe Machinery Corp.

RIVETS. BLIND \*TOWNSEND CO., CHERRY RIVET DIV.

#### RIVETS, EXPLOSIVE

Briles Mfg.
\*COOPER DEVELOPMENT CORP.
Dumont Aircraft Fitting Co.
Walter K. Jaros, Aircrafters
Propellex Chemical Corp.
United Supply Co.

#### SEPARATION DEVICES

Aerotec Corp., The
Aircraft Armaments, Inc.,
Aviation Developments Inc.,
Beckman & Whitley, Inc., Missile Products Div.
Conax Corp.
Fulton-Irgon Corp., The
General Electric Co., Missile & Ordnance Systems Dept. (Pa.)
Gray & Huleguard, Inc.,
J. A. Maurer, Inc.,
McCormick Selph Associates
Mechanical Div.-General Mills, Inc.
\*MISSILE COMPONENTS GROUP, ELECTROSNAP SWITCH & MFG. CO.
Olin Mathieson Chemical Corp., High Energy
Fuels Div.
Propellex Chemical Corp.
Raymond Engra. Laboratory, Inc.
\*RESEARCH & ADVANCED DEVELOPMENT DIV.
AVCO MFG. CORP.
Royal Industries, Inc.
Standard Armament Inc.
Standard Armament Inc.
Standard Armament Inc.
Stander Aviation Corp.
Talco Engrg. Co., The
Turbo Products, Inc.
Winchester-West. Div.-Olin Mathieson Chem.
Corp.

#### SHIELDING

Allied Plastics Supply Corp.
American Brass Co., The
Bar-Ray Products, Inc.
Belmont Smelting & Refining Works, Inc.
H. Braun Tool & Instrument Co., Inc.
Enflo Corp.
Hallett Mfg. Co.
Olin Mathieson Chemical Corp., High Energy
Fuels Div.
\*RESEARCH & ADVANCED DEVELOPMENT DIV.,
AVCO MFG. CORP.
Swedlow Plastics Co.
\*WASHINGTON ALUMINUM CO., INC.
Zippertubing Co., The

Continental Diamond Fibre Corp., Sub.—The Budd Co. Enflo Corp.
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American Electronics, Inc.
Ancor Metal Co. Inc.
Ancor Metal Co. Inc.
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Belmont Smelting & Refining Works, Inc.
Division Lead Co.
G. W. Galloway Co.
Gasket, Packing & Specialty Co. Inc.
Goldsmith Brothers Smelting & Refining Co.
Hallett Mfg. Co.
Nuclear Corp. of America, Inc.
Radiation Counter Labs., Inc.
Telectro Industries Corp.
Zippertubing Co., The

Magnetic

Magnetic
Connector Corp.
Corning Glass Works
Hallett, Mig. Co.
Magnetic Shield Div.-Perfection Mica Co.
Henry & Miller Industries, Inc.
\*\*MISSILE COMPONENTS GROUP, ELECTROSNAP SWITCH & MFG. CO.
Nuclear Corp. of America, Inc.
Paul & Beekman, Inc.
Sweldina Inc.

Shielding Inc.
Telectro Industries Corp.
Zippertubing Co., The

#### Radiation

Radiation

All'an Plastics Supply Corp.
American Agile Corp.
American Silver Co.
Barium & Chemicals, Inc.
Barnay Products, Inc.
Belmont Smelting & Refining Works, Inc.
Canadian Radium & Uranium Corp.
Corning Glass Works
Crystal-X Corp.
Division Lead Co.
Fansteel Metallurgical Corp.
Furane Plastics, Inc.
Casket, Packing & Specialty Co. Inc.
P. R. Mallory & Co. Inc.
McMillan Industrial Corp.
Metallurgical Products Dept., General Electric
Co. Norton Co. Nuclear Corp. of America, Inc.

Olin Mathieson Chemical Corp., High Energy Fuels Div. Paul & Beekman, Inc. Radiation Counter Labs., Inc. Telectro Industries Corp. Zippertubing Co., The Solid

Furane Plastics, Inc.
P. R. Mallory & Co. Inc.
Shielding Inc.
Telectro Industries Corp.

#### SHIELDS, LEAD

Alpha Metals, Inc.
Anchor Metal Co. Inc.
Belmont Smelting & Refining Works, Inc.
Gasket, Packing & Specialty Co. Inc.
Goldsmith Brothers Smelting & Refining Co.
Hallett Mig. Co. Goldsmith Brothers Smelling a Reinling Co. Hallett Mfg. Co. Radiation Counter Labs., Inc. Telectro Industries Corp. Warren Mfg. Div., Warren Brothers Roads Co. Zippertubing Co., The

#### **SWITCHES**

\*MISSILE COMPONENTS GROUP, ELECTRO-SNAP SWITCH & MFG. CO.

#### URANIUM

Allied Plastics Supply Corp. Bridgeport Brass Co. Delta Chemical Works, Inc. Metals & Controls Corp.

#### WASHERS

WASHERS
Abbott Screw & Mfg. Co.
Accurate Electronics Corp., Dept. D
Acerotron Supply Co.
Affiliated Screw Products Co.
Affiliated Screw Products Co.
Allined Plastics Supply Corp.
Aluminum Co. of America
Amatom Electronic Hardware Co. Inc.
American Brass Co., The
American Standard Products, Inc.
Auburn Mfg. Co., The
H. Braun Tool & Instrument Co., Inc.
Century Fasteners Corp.
Chase Brass & Copper Co., Inc.
Circon Component Corp.
Continental Diamond Fibre Corp., Sub.—The
Budd Co.
Corbin Products Div.
Danly Machine Specialties, Inc.
Division Lead Co.
Dumont Aircraft Fitting Co.
Dumont Aviation Associates

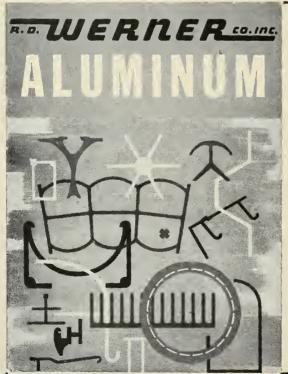
Duroyd Gasket Mfg. Co. G. M. Dykes Iron Works, Inc. Emerson Plastics Corp. Enflo Corp. Federal Screw Products Inc. Emerson Plastics Corp.
Emilio Corp.
Federal Screw Products Inc.
Gasket Mg. Co. Inc.
Gasket, Packing & Specialty Co. Inc.
Gesket, Packing & Specialty Co. Inc.
General Gasket Inc.
Geren, Tweed & Co.
Horst Engra. & Mfg. Co.
Walter K. Jaros, Aircrafters
Jodee Plastics Co.
Kasar Mfg. & Distributing Co., Inc.
Walter Lee Chemical Corp.
J. E. Menaugh Co.
Pic Design Corp., Sub.-Benrus Watch Co., Inc.
Pacific Cut Washer Co.
Pecilis Products Industries
Penn Fibre & Specialty Co., Inc.
Raybestos-Manhattan, Inc.
Rubbercraft Corp. of California
Silicone Insulation, Inc.
Wm. Steinen Mfg. Co.
A. T. Stevens Co.
Techniques, Inc.
Titanium Metals Corp. of America
Tricon Mfg. Co.
United Shoe Machinery Corp.
Waldom Electronics Inc.
Wrought Washer Mfg. Co.

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Accessory Controls & Equipment Corp.
Bendix Products Div., Bendix Aviation Corp.
Engineered Products Co., The
General Electric Co., Missile & Ordnance Systems Dept. (Pa.)
Hydra-Power Corp.
National Airoil Burner Co.
L. Sonneborn & Sons, Inc., Building Products L. Sonneborn & Sons, ....., Div. Waldorf Instrument Co., Div.-F. C. Huyck &

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Barium & Chemicals, Inc.
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Delta Chemical Works, Inc.
Electric Auto-Lite Co., The
Esso Standard Oil Co.
International Wax Refining Co.
Merix Chemical Co.
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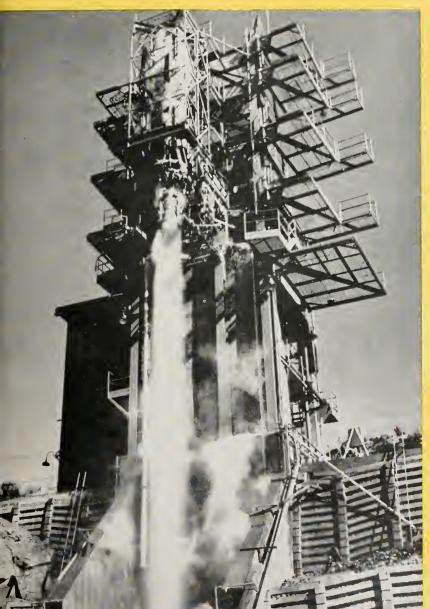
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These units include the power plant and its associated equipment; such as, tanks, pumps, blast chambers, nozzles, resonance rods and fuel. Propulsion systems are simple in solid rockets, complex in liquid rockets. Auxiliary power units consist either of hot gas turbines driving hydraulic pumps and generators, or of batteries supplying power for missile guidance and control systems.



## PROPULSION SYSTEMS AND AUXILIARY POWER UNITS

#### ACCELERATORS, PARTICLE

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\*ADVANCE GEAR & MACHINE CORP.
Aeroproducts Operations, Allison Div., General
Motors Corp.
Airborne Accessories Corp.
American Electronics, Inc.
\*AMERICAN MACHINE & FOUNDRY CO.
Analogue Controls, Inc.
Applied Dynamics Corp.
Arkwin Industries, Inc.
Barber-Colman Co.
Bendix Products Div., Bendix Aviation Corp.
Bogue Electric Mfg. Co.
Bridawater Machine Co.
Cadillac Gage Co.
Clemco Aero Products, Inc.
\*PALMO VICTOR CO., DIV.\*TEXTRON INC.
Joe Davidson & Associates
\*ELECTROL INC.
Electronic Communications, Inc.
Electronics Dept., Hamilton Standard Div.,
United Aircraft Corp.
Exact Engrg. & Mfg. Inc.
Ex-Cell-O Corp.,
Foote Brothers Gear & Machine Corp.
Fulton-Irgon Corp., The
GARREIT CORP.,
DIVS.
Geartronics Corp.
Electronics Corp., The
GARREIT CORP.,
THE, AIRESEARCH MFG.
Geartronics Corp.

\*ADVANCE GEAR & MACHINE CORP.
Aeroproducts Operations, Allison Div., General

\*\*CARRETT CORP., THE, AIRESEARCH MFG. DIVS.
Geartronics Corp.
General Controls Co.
General Nuclear Corp.
Globe Industries, Inc.
Gray & Huleguard, Inc.
\*\*GREER HYDRAULICS, INC.
Guided Missile Div-De Havilland Aircraft of Canada, Ltd.
\*\*A. W. HAYDON CO., THE
Hoover Electric Co.
\*\*THOUDAILLE INDUSTRIES, INC., BUFFALO HYDRAULICS DIV.
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Kelsey-Hayes Co.
Lear, Inc.

Kelsey-Hayes Co.
Lear, Inc.
Lear, Inc.
Lear, Inc.
G. H. Leland, Inc.
Librascope Inc.
\*LYCOMING DIV., AVCO MFG. CORP.
Lyndon Microff, Inc.
Lytle Engrg. & Mig. Co.
Mensco Mig. Co.
Mercury Rad Corp.
Nemeth, Inc.

Nemeth, Inc.

O & M Machine Co., Inc.

O il-Dyne, Inc.

Pacific Div-Bendix Aviation Corp.

Pacific Div-Bendix Aviation Corp.

Parker Aircraft Co.

Pesco Products Div.—Borg-Warner Corp.

Progressive Research & Development Co., Inc.

Servomechanisms, Inc., Mechatrol Div.

Sundstrand Aviation, Div.-Sundstrand Machine

Tool Co.

Talley Corp., The

Telectro Industries Corp.

Thompson Products, Inc.

Vap-Air Div., Vapor Heating Corp.

Vard Inc. Nemeth, Inc. O & M Machine Co., Inc.

Vard Inc., Vickers Inc., Div.-Sperr Vinco Corp. Vinson Mfg. Co., Inc. Inc., Div.-Sperry Rand

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Thompson Products, Inc. Incompson rouces, inc.
Turbo Products, Inc.
\*VALCOR ENGRG. CORP.
Warren Mfg. Div., Warren Brothers Roads Co.
Wright Aeronautical Div., Curtiss-Wright Corp.

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AFTERBURNERS VALVES

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American Power Jet Co.
Arkwin Industries, Inc.
Bendix Products Div., Bendix Aviation Corp.
Chandler-Evans, Div.-Pratt & Whitney Co., Inc.
Clary Dynamics
Consolidated Controls Corp.
Eaton Mig. Co., Inc., Fredric Flader Div.
Eddington Metal Specialty Co.
Engineered Products Co., The
Ex-Cell-O Corp.
\*GREER HYDRAULICS, INC.
Walter J. Hyaft Co., The
Hydra-Power Corp.
Koehler Aircraft Products Co., Inc.
Mercury Rad Corp.
Ozone Metal Products Corp.
Parker Aircraft Co.
Thompson Products, Inc.
\*UNITED AIRCRAFT PRODUCTS, INC.
Waldorf Instrument Co., Div.-F. C. Huyck &
Sons
Weston Hydraulics, Ltd.

#### **AFTERCOOLERS**

Dunham-Bush Inc.,
Griscom-Russell Co., The
Kelsey-Hayes Co.
Portland Copper & Tank Works Inc.
Thieblot Aviation Co., Div.-Vitro Corp. of
America
Thompson Products, Inc.
\*UNITED AIRCRAFT PRODUCTS, INC.

#### AIR ADAPTERS

American Welding & Mfg. Co., The Thieblot Aviation Co., Div.-Vitro Corp. of America

#### AIR INLET GUIDE VALVES

Bendix Products Div., Bendix Aviation Corp.
Christie Machine Works
Eaton Mig. Co., Inc., Fredric Flader Div.
Ex-Cell-O Corp.
Finn Aeronautical Div., T. R. Finn & Co., Inc.
Hupp Aviation Co.
Kelsey-Hayes Co.
Kerns Mig. Corp.
\*LIVCOMING DIV., AYCO MFG. CORP.
Misco Precision Casting Co.
Republic Aviation Corp., Guided Missiles Div.
\*RHEEM MFG. CO., AIRCRAFT DIV.
Solar Aircraft Co.
\*STALKER DEVELOPMENT CO.
Thieblot Aviation Co., Div.-Vitro Corp. of
America
Thompson Products, Inc.
Turbo Products, Inc.
Wright Aeronautical Div., Curtiss-Wright Corp.

#### AIR INLET SCREEN SUPPORTS

American Welding & Mfg. Co., The Bendix Products Div., Bendix Aviation Corp. Eaton Mfg. Co., Inc., Fredric Flader Div., Finn Aeronautical Div., T. R. Finn & Co., Inc. Kelsey-Hayes Co. Republic Aviation Corp., Guided Missiles Div. Smith-Morris Corp. Talley Corp., The Smith-Marris Corp.
Talley Corp., The
Thieblot Aviation Co., Div.-Vitro Corp. of
America
Thompson Products, Inc.
Turbo Products, Inc.

#### ALARM SYSTEMS

Atlantic Instrument Corp., Sub.—American Electronics, Inc. Bendix Aviation Corp., York Div. Briggs Asociates, Inc. Devoc Engrg. Inc. Thomas A. Edison Ind., Instrument Div.-McGraw-Edison Co. Electronics Corp. of America Fenwal Inc.
Fischer & Porter Co.
\*GREER HYDRAULICS, INC.

Hallamore Electronics Co.
Hammett Electric Co.
\*KAHN & CO., INC.
Master Specialties Co.
Stanley Aviation Corp.
Systron Corp.
Telectro Industries Corp.
Vap-Air Div., Vapor Heating Corp.
Victor Electric Wire & Cable Corp.

#### ALARMS, AUTO

Bendix Aviation Corp., York Div.
Briggs Associates, Inc.
Devoc Engrg. Inc.
Electronics Corp. of America
Hammert Electric Co.
Stanley Aviation Corp.
Telectro Industries Corp.
Tensor Electric Development Co., Inc.

#### **AMPLIDYNES**

General Electric Co., Apparatus Sales Div. Telectro Industries Corp. Wincharger Corp.

### AMPLIFIERS, COMPRESSOR

Bogue Electric Mfg. Co. Champion Pneumatic Machinery Co. La Pointe Industries Inc. Servomechanisms, Inc. Telectro Industries Corp.

#### ANALYZERS

ANALYZEKS

Bendix Products Div., Bendix Aviation Corp.
Benson-Lehner Corp.
Brush Instruments, Div.-Clevite Corp.
Consolidated Electrodynamics Corp.
Ellison Draft Gage Co.
General Electric Co., Apparatus Sales Div.
Greenbrier Instruments Inc.
Hallamore Electroics Co.
Hammett Electric Co.
\*KAHN & CO., INC.
Leeds & Northrup Co.
Perkin-Elmer Corp.
Servomechanisms, Inc.
Telectro Industries Corp.

#### Electro-Chemical

CDC Control Services, Inc.
Consolidated Electrodynamics Corp.
Devco Engrg. Inc.
Greenbrier Instruments Inc.
Hallamore Electronics Co.
Olin Mathieson Chemical Corp., High Energy Fuels Div Patterson, Moos Div.-Universal Winding Co., Inc. Perkin-Elmer Corp. Telectro Industries Corp.

#### Engine

Air Logistics Corp. Hallamore Electronics Co. Telectro Industries Corp.

#### Gas

Air Products, Inc.
Bogue Electric Mfg. Co.
Consolidated Electrodynamics Corp.
Ellison Draft Gage Co.
Greenbrier Instruments Inc.
Hallamore Electronics Co.
Leeds & Northrup Co.
Mine Safety Appliances Co.
Olin Mathieson Chemical Corp., High Energy
Fuels Div. Olin Marnieson Chemical Corp., Fligh Energy Fuels Div. Patterson, Moos Div.-Universal Winding Co., Inc. Perkin-Elmer Corp. Process & Instruments Telectro Industries Corp.

#### Ignition

Allegany Instrument Co., Inc.
General Laboratory Associates, Inc.
\*GREER HYDRAULICS, INC.
Hallamore Electronics Co.
George L. Nankervis Co.
Olin Mathieson Chemical Corp., High Energy
Fuels Div., Bendix Aviation Corp.
Telectro Industries Corp.

PHOTO ON PROPULSION SYSTEMS AND AUXILIARY POWER UNITS DIVIDER PAGE: Fiery gases stream from a REDSTONE rocket engine as it delivers more than 75,000 pounds of thrust during a static test at Rocketdyne's Propulsion Field Laboratory.

#### Internal Combustion

\*GREER HYDRAULICS, INC. Hallamore Electronics C

#### Neutron Absorption

American Electronics, Inc.
Baird-Atomic, Inc.
Eldorado Electronics
Hallamore Electronics Co.
Nuclear Corp. of America, Inc.
Patterson, Moos Div.-Universal Winding Co., Inc.
Telectro Industries Corp.

#### Spectrum

Baird-Atomic, Inc. Brush Instruments, Div.-Clevite Corp. Demorray-Bonardi Demonray-Bonardi Edin Co., Inc., General Electric Co., Apparatus Sales Div. Hallamore Electronics Co. Kay Electric Co. Lavoie Labs., Inc. Minneapolis-Honeywell Regulator Co., Indust. Div.
Panoramic Radio Products, Inc.

Perkin-Elmer Corp.
Process & Instruments
Radiation Counter Labs., Inc.
Telectro Industries Corp.

\*AMERICAN MACHINE & FOUNDRY CO.
Brush Instruments, Div.-Clevite Corp.
Consolidated Avionics Corp.
Consolidated Electrodynamics Corp.
Douglas Microwave Co., Inc. Douglas Microwave Co., Inc.
Edin Co., Inc.
Electronics Dept., Hamilton Standard Div.,
United Aircraft Corp.
General Electric Co., Apparatus Sales Div.
Hallamore Electronics Co.
\*\*KAHN & Co., INC.
Kay Electric Co.
Magnasync Míg. Co., Ltd.
Minneapolis-Honeywell Regulator Co., Indust
Div.

Minneapolis-moneyweii Regulation Div.
Panoramic Radio Products, Inc.
Southwestern Industrial Electronics Co.
Telectro Industries Corp.
Tel-Instrument Electronics Corp.
Western Electro-Acoustic Lab.

#### ANGLE DRIVES

\*F. W. STEWART CORP.

#### ANTENNAS, RADIATION TEST

Airborne Instruments Lab., Inc.
All American Aircraft Products, Inc.
American Electronic Labs., Inc.
Bendix Aviation Corp., York Div.
Continental Diamond Fibre Corp., Sub.—The

Continental Diamond Fibre Corp., Sub.—The Budd Co.
Corning Glass Works
\*\*DALMO VICTOR CO., DIV.-TEXTRON INC.
Dayton Aircraft Products, Inc.
Defiance Engrg. & Microwave Corp.
Demornay-Bonardi
Diamond Antenna & Microwave Corp.
Haller Raymond & Brown Inc.
La Pointe Industries Inc.
Gerard G. Leeds Co., Inc.
Microwave Electronics Div., Sperry Gyroscope
Co. Motorola Inc., Military Marketing Div. Technical Appliance Corp.

#### **ANTIMONY**

Accurate Specialties Co., Inc. Barium & Chemicals, Inc. Bram Metallurgical & Chemical Co. Delta Chemical Works, Inc. Division Lead Co.

#### ANTI-VIBRATION EQUIPMENT

\*AMERICAN MACHINE & FOUNDRY CO. \*AMERICAN MACHINE & FOUNDRY CO.
Columbia Research Labs.
Continental Diamond Fibre Corp., Sub.—The
Budd Co.
Joe Davidson & Associates
Finn Aeronautical Div., T. R. Finn & Co., Inc.
General Cable Corp.
Hallamore Electronics Co.
\*HOUDAILE INDUSTRIES, INC.,
HYDRAULICS DIV.
K. W. Johnson & Co., Inc., Aviation Div.
MB Mig. Co.
Telectro Industries Corp.
Twix Mig. Co., Inc.
United Mig. Co., The

#### ASPHALT

Biwax Corp. Esso Standard Oil Co.

#### ASSEMBLY SHIELD, NUCLEAR

ACF Industries, Inc., Advanced Products Div. Bar-Ray Products, Inc. Gasket, Packing & Specialty Co., Inc. Portland Copper & Tank Works Inc. Telectro Industries Corp. Thompson Products, Inc

#### BADGES, RADIATION

Acromark Co., The American Electronics, Inc. Bar-Ray Products, Inc. Gerard G. Leeds Co., Inc. Nuclear-Chicago Corp. Sohl Co., The

#### BAFFLES, AIR

G. M. Dykes Iron Works, Inc.
\*LAVELLE AIRCRAFT CORP.
Rohr Aircraft Corp.
Ryan Aeronautical Co.
Weber Aircraft Corp.
Winder Aircraft Corp. of Fla.

#### BARIUM

Barium & Chemicals, Inc.
Belmont Smelting & Refining Works, Inc.
Bram Metallurgical & Chemical Co.
Swiss Jewel Co.
Winder Aircraft Corp. of Fla.

#### BEARINGS

Allied Plastics Supply Corp.
Braden Corp., The
Bearium Metals Corp.
Bearium Metals Corp.
Bound Brook Oil-Less Bearing Co.
Chain Belt Co.
Cleveland Graphite Bronze Co., Div.-Clevite
Corp. Chain Belt Co.
Cleveland Graphite Bronze Co.
Corp.
Corp.
Corning Glass Works
Dumont Aircraft Fitting Co.
Federal Bearings Co. Inc., The
Graphite Metallizing Corp.
Gwilliam Co., The
Halax Corp.
Industrial Tectonics, Inc.
Walter K. Jaros, Aircrafters
Kaydon Engrg. Corp., The
Marlin-Rockwell Corp.
MeGill Mfg. Co., Inc.
Miniature Precision Bearings, Inc.
Miniature Precision Bearings, Inc.
Miniature Precision Bearings, Inc.
Ohio Carbon Co., The
Orange Roller Bearing Co., Inc.
Raway Bearing Co.
Research Development Mfg. Inc.
Resistoflex Corp.
Roller Bearing Co. of America
SKF Industries, Inc.
St. Marys Carbon Co.
Southwest Products Co.
Split Ballbearing, Div.-MPB
Irimen Roller Bearing Co., The
Torrington Co., The
Torringto

#### BELLOW ASSEMBLIES

Aeroquip Corp.
Allied Plastics Supply Corp.
Arrowhead Products, Div.-Federal-Mogul-Bower Bearings, Inc.
Beryllium Corp., The Chicago-Allis Mfg. Corp.
Cleveland Graphite Bronze Co., Div.-Clevite Corp.
Consolidated American Services, Inc.
Flexible Metal Hose Mfg. Co.
B. F. Goodrich Aviation Products
Minneapolis-Honeywell Regulator Co., Aeronautical Div.
Propellex Chemical Corp.
Resistoflex Corp.
Smith-Morris Corp.
Solar Aircraft Co.

#### BERYLLIUM

Belmont Smelting & Refining Works, Inc. Bram Metallurgical & Chemical Co. Brush Beryllium Co., The Delta Chemical Works, Inc. Delfa Chemical Works, Inc.
\*PIVERSEY ENGRG, CO.
Hammett Electric Co.
\*RESEARCH & ADVANCED DEVELOPMENT DIV.,
AVCO MFG. CORP.

### BLADDERS, FUEL

Connecticut Hard Rubber Co., The
Continental Diamond Fibre Corp., Sub.—The
Budd Co.
\*DIVERSEY ENGRG. CO.
G. M. Dykes Iron Works, Inc.

B. F. Goodrich Aviation Products Portland Copper & Tank Works Inc. Walbar Machine Products, Inc.

#### BLADES

Aeroquip Corp. Aluminum Co. of America Austenal Inc. Austenal Inc.
Eaton Mfg. Co.
Eaton Mfg. Co., Inc., Fredric Flader Div.
Engelhard Industries Inc., D. E. Makepeace Div.
Ex-Cell-O Corp.
Haynes Stellite Co., Div.-Union Carbide Corp.
Houston Fearless Corp.
Kerns Mfg. Corp.

Ladish Co.

\*YCOMING DIV., AVCO MFG, CORP.

Misco Precision Casting Co.

Solar Aircraft Co.

\*STAINLESS PROCESSING DIV., WALL

COLMONOY CORP.

\*STAINER DEVELOPMENT CO.

Steel Improvement & Forge Co., The

Thompson Products, Inc.

Utica Drop Forge & Tool Div. Kelsey Hayes Co.

Walbar Machine Products, Inc.

#### Compressor

Aeroquip Corp. Aluminum Co. of America Austenal Inc. Continental Diamond Fibre Corp., Sub.-The Budd Continental Diamond Fibre Corp., Sub.-The Budd Co.
Eaton Mfg. Co., Inc., Fredric Flader Div.
Eaton Mfg. Co., Inc., Fredric Flader Div.
Engelhard Industries Inc., D. E. Makepeace Div.
Ex-Cell-O Corp.
Haynes Stellite Co., Div.-Union Carbide Corp.
Houston Fearless Corp.
Kelsey-Hayes Co.
Kerns Mfg. Corp.
Ladish Corp.
Ladish Corp.
Ladish Corp.
Latish Corp.
Latish Corp.
Latish Corp.
Misco Precision Casting Co.
\*\*STAINLESS PROCESSING DIV., WALL
COLMONOY CORP.
Stall Improvement & Forge Co., The
Thompson Products, Inc.
Turbo Products, Inc.
WestINGHOUSE ELECTRIC CORP.
Wright Aeronautical Div., Curtiss-Wright Corp.

Aeroquip Corp.
Aluminum Co. of America
\*AMERICAN MACHINE & FOUNDRY CO. Aluminum Co. of America
\*AMERICAN MACHINE & FOUNDRY CO.
Austenal Inc.
Eaton Mfg. Co., Inc., Frederic Flader Div.
Engelhard Industries Inc., D. E. Makepeace Div.
Ex-Cell-O Corp.
Haynes Stellite Co., Div.-Union Carbide Corp.
Houston Fearless Corp.
Kelsey-Hayes Co.
Kennametal Inc.
Kerns Mfg. Corp.
Ladish Co.
La Pointe Industries Inc.
\*LYCOMING DIV., AVCO MFG. CORP.
Marman Div., Aeroquip Corp.
Misco Precision Casting Co.
\*STAINLESS PROCESSING DIV., WALL
COLMONOY CORP.
\*STAINLES PROVEDSING DIV.
Steel Improvement & Forge Co., The
Thompson Products, Inc.
Turbo Products, Inc.
Turbo Products, Inc.
Utica Drop Forge & Tool Div.-Kelsey Hayes Co.
Veet Industries
Walbar Machine Products, Inc.
\*WESTINGHOUSE ELECTRIC CORP.

Walbar Machine Products, Inc.

\*WESTINGHOUSE ELECTRIC CORP.

Wright Aeronautical Div., Curtiss-Wright Corp.

#### Turbine

Aeroquip Corp.
Aluminum Co. of America
\*AMERICAN MACHINE & FOUNDRY CO. Aluminum MACHINE & POURD.

Austenal Inc.
Laton Mfg. Co.
Eaton Mfg. Co.
Canada, Ltd.
Haynes Stellite Co., Div.-Union Carbide Corp.
Houston Fearless Corp.
Walter J. Hyatt Co., The
Kelsey-Hayes Co.,
Kennametal Inc.
Kerns Mfg. Corp.
Ladish Co.
La Pointe Industries Inc.
\*\*LYCOMING DIV., AVCO MFG. CORP.
Misco Precision Casting Co.
\*\*STAINLESS PROCESSING DIV., WALL
COLMONOY CORP.

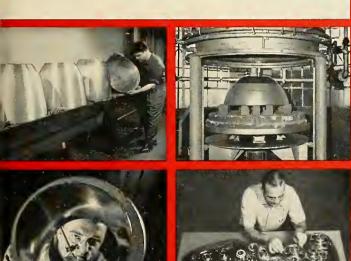
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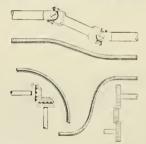
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### . . . propulsion system

\*STALKER DEVELOPMENT CO.
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Turbo Products, Inc.
Turbo Products, Inc.
United States Chemical Milling Corp.
Utica Drop Forge & Tool Div.-Kelsey Hayes Co.
Vert Industries

Veet Industries

\*WESTINGHOUSE ELECTRIC CORP.

Wright Aeronautical Div., Curtiss-Wright Corp.

#### BLAST DEFLECTOR, PADS AND TUBES

American Car & Foundry Div., ACF Industries,

\*AMERICAN MACHINE & FOUNDRY CO.
Continental Diamond Fibre Corp., Sub.-The Budd

Co.
\*\*EDIVERSEY ENGRG. CO.
Food Machinery & Chemical Corp., Ordnance Div.
General Sound Control, Inc.
Globe Industries, Inc.
Hupp Aviation Co.
Kelsey-Hayes Co. Kelsey-Hayes Co.
Lamtex Industries, Inc.
Luria Engrg. Co.
McLean Engrg. Co.
McLean Engrg. Co.
Opelika Welding, Machine & Supply Inc.
Parish Pressed Sired, Div.-Dana Corp.
Portland Cooper & Tank Works Inc.
Ryan Aeronautical Co.
Solar Aircraft Co.
Solar Aircraft Co.
Thieblot Aviation Co., Div.-Vitro Corp. of
America

America
H. I. Thompson Fiber Glass Co.
Thompson Products, Inc.

#### BLOWERS, MOTOR & GENERATOR

Air-Marine Motors, Inc. American Electronics, Inc.

Dean & Benson Research Inc. \*GARRETT CORP., THE, AIRESEARCH MFG.

GARRETT CORP., THE, AIRI
DIVS.
Globe Industries, Inc.
Hammett Electric Co.
McLean Engrg. Laboratories
Motordyne Inc.
Propulsion Research Corp.
Redmond Co., Inc.
Talley Corp., The
Task Corp.
Theompson Products, Inc.

BLOWERS, SMALL
Air Logistics Corp.
Air-Marine Motors, Inc.
American Electronics, Inc.
Ashland Electric Products, Inc. Ashland Electric Flouds, Sandal Blowers Inc.
Joe Davidson & Associates
Dean & Benson Research Inc.
Electronic Techniques, Inc.
\*GARRETT CORP., THE, AIRESEARCH MFG.

\*GARRETT CORP., THE, AIRESEARCH MFG.
DIVS.
Joy Mfg. Co., Master Appliance Mfg. Co.,
J. J. Monaghan Co., Inc.,
Motordyne Inc.
\*\*JOHN OSTER MFG. CO., AVIONIC DIV.
Pesco Products Div.-Borg-Warner Corp.
Propulsion Research Corp.
Redmond Co., Inc.
Small Motors Inc.
Small Motors Inc.
Stratos Div.-Fairchild Engine & Airplane Corp.
Talley Corp., The
Task Corp.
Talley Corp., The
Task Corp.
Thompson Products, Inc.
Turbo Products, Inc.
Universal Dynamics Corp.

#### BOOSTERS, GAS PRESSURE

ACF Industries, Inc., Advanced Products Div.
Accessory Controls & Equipment Corp.
Allantic Research Corp.
Auto-Control Labs., Inc.
Eaton Mfg. Co., Inc., Fredric Flader Div.
\*\*CREER HYDRAULICS, INC.
Haskell Engrg. & Supply Co.
Herrick L. Johnston, Inc.
MCCormick Selph Associates
Reaction Mofors, Inc.
Sprague Engrg. Corp.
Sundstrand Turbo Div., Sundstrand Machine
Tool Co.
Talco Engrg. Co., The Talco Engrg. Co., The Thompson Products, Inc. Wells Industries Corp.

#### BOOSTERS, MISSILE, LIQUID FUELED

ACF Industries, Inc., Advanced Products Div. American Car & Foundry Div., ACF Industries,

\*AMERICAN MACHINE & FOUNDRY CO.

\*AMERICAN MACHINE & FOUNDRY CO.
Auto-Control Labs., Inc.
\*DIVERSEY ENGRG. CO.
Hicks Corp., The
Ingersoll Kalamazoo Div., Borg-Warner Corp.
Joclin Mfg. Co.
Kerns Mfg. Corp.
Parish Pressed Steel, Div.-Dana Corp.
Reaction Motors, Inc.
Solar Aircraft Co.
Telectro Industries Corp.
Thompson Products, Inc.
Winder Aircraft Corp. of Fla.
Wright Aeronautical Div., Curtiss-Wright Corp.

#### BOOSTERS, MISSILE, SOLID FUELED

ACF Industries, Inc., Advanced Products Div. American Car & Foundry Div., ACF Industries

\*AMERICAN MACHINE & FOUNDRY CO.

\*AMERICAN MACHINE & FOUNDRY
American Rocket Co.
American Welding & Mfg. Co., The
Ander on, Greenwood & Co.
Atlantic Research Corp.
\*COOPER DEVELOPMENT CORP.
\*PUIVERSEY ENGRG. CO.
G. W. Galloway Co.

Goodyear Aircraft Corp.

\*GRAND CENTRAL ROCKET CO.

Hicks Corp., The
Ingersoll Kalamazoo Div., Borg-Warner Corp.

Lukens Steel Co.

McCormick Selph Associates
Oerlikon Tool & Arms Corp. of America
Parish Pressed Steel, Div.-Dana Corp.
Propellex Chemical Corp.
Redstone Arsenal Research Div., Rohm & Haas
Co.
Solar Aircraft Co.
Talco Engrg. Co., The
Thieblot Aviation Co., Div.-Vitro Corp. of
America
Thompson Products, Inc.
Turbo Dynamics Corp.

Turbo Dynamics Corp.
Wheland Co., The
Wright Aeronautical Div., Curtiss-Wright Corp.

#### BORON

American Potash & Chemical Corp., National Northern Div. Belmont Smelting & Refining Works, Inc. Bios Labs., Inc. Bram Metallurgical & Chemical Co. Olin Mathieson Chemical Corp., High Energy Fuels Div. Turbo Dynamics Corp.

#### **BRASS**

IRASS

American Brake Shoe Co.
American Brass Co., The
American Silver Co.
Anchor Metal Co. Inc.
Bearium Metals Corp.
Belmont Smelting & Refining Works, Inc.
Bram Metallurgical & Chemical Co.
Chase Brass & Copper Co., Inc.
Dumont Aircraft Fitting Co.
National Copper & Smelting Co.
Revere Copper & Brass Inc.
Springfield Brass Co.
Titan Metal Mfg. Co.

#### BRAZING ALLOYS

\*STAINLESS PROCESSING DIV., WALL COL-MONOY CORP.

#### BREATHERS, ENGINE

Wright Aeronautical Div., Curtiss-Wright Corp.

#### **BRONZE**

American Brake Shoe Co.
American Brass Co., The
American Non Gran Bronze Co.
American Silver Co.
Ampco Metal, Inc.
Bearium Metals Corp.
Belmont Smelting & Refining Works, Inc.
Bios Labs., Inc. Belmont Smelting & Refining Works, Inc.
Bram Metallurgical & Chemical Co.
Chase Brass & Copper Co., Inc.
Olin Mathieson Chemical Corp., High Energy
Fuels Div.
True Alloys Inc.
Revere Copper & Brass Inc.
Springfield Brass Co.
Titan Metal Mfg. Co.

### BRONZE, PHOSPHOR

American Brase Shoe Co. American Brass Co., The American Silver Co. Belmont Smelting & Refining Works, Inc. Belmont Smelting & Retning Works, Bios Labs., Inc. Bram Metallurgical & Chemical Co. Chase Brass & Copper Co., Inc. Fromson Orban Co., Inc. True Alloys Inc. Revere Copper & Brass Inc. Springfield Brass Co.

## BUSHINGS, HERMETICALLY SEALED

B G Corp., The
Ceramaseal, Inc.
Cleveland Graphite Bronze Co., Div.-Clevite
Corp.
Garde Mfg. Co.,
General Cable Corp.
Heldor Mfg. Co., Inc.
Lundy Associates Inc.
Telectro Industries Corp.
Weatherhead Co., The

#### BUSHINGS, METALLIC

Ace Drill Bushing Co. Inc.
Acme Industrial Co.
Acrolite Electronics Corp.
American Brake Shoe Co.
American Brase Shoe Co.
American Non Gran Bronze Co.
American Standard Products, Inc.
Amproon Steel Foundries, Hammond Div.
Ampco Metal, Inc.
Atlas Brass Foundry
Bearium Metals Corp.
Bergen Carbide Co.
J. H. Bunnell & Co.
Carbone Corp., The
Century Fasteners Corp.
Corbin Products Div.
R. C. Dudek & Co.
Elastic Stop Nut Corp. of America
Electronic Techniques, Inc.
Ex-Cell-O Corp.
Federal Machine Co. Inc.
Federal Screw Products Inc.
Walter K. Jaros, Aircrafters
Kasar Mfg. & Distributing Co., Inc.
Kemp Inc.
Henry & Miller Industries, Inc.
Parker Aircraft Co.
Peerless Products Industries
Progressive Research & Development Co., Inc.
True Alloys Inc.
Randall Graphite Bearings, Inc.
Rattan Mfg. Co., The
Research Development Mfg. Inc.
St. Marys Carbon Co.
Seamless Products Co., Inc.
Sinclair Mfg. Co.
Skinner Precision Products
Co.
Springfield Brass Co.
Sundstrand Turbo Div., Sundstrand Machine Tool
Co.
Technical Oil Tool Corp.
Wrought Washer Mfg. Co.

#### BUSHINGS, NON METALLIC

Aerolite Electronics Corp.
Allied Plastics Supply Corp.
American Brake Shoe Co.
Auburn Mfg. Co., The
Bergen Carbide Co.
Birnbach Radio Co., Inc.
Chicago Gasket Co.
Continental Diamond Fibre Corp., Sub.—The
Budd Co.
Continental Rubber Works
Dixon Corp.
Electronic Techniques, Inc.
Emerson Plastics Corp.
Efflo Corp.
Fluorocarbon Co. Inc., The
Graphie Metallizing Corp.
Isolantite Mfg. Corp.
Valter K. Jaros, Aircrafters
Joclin Mfg. Co.
J. A. Maurer, Inc.
Morganite, Inc.
Ohio Carbon Co., The
Peerless Products Industries
Progressive Research & Development Co., Inc.
Raftan Mfg. Co., The
Rubbercraft Corp. of California
St. Marys Carbon Co.
Silicone Insulation, Inc.
Sinclair Mfg. Co.,
Southwest Products Co.
Synthane Corp.
Topper Mfg. Co., Inc.
Truxton Industries, Inc.
Wrought Washer Mfg. Co.

#### CABLE, IGNITION

Aerolite Electronics Corp.
Aeronautical & Instrument Div., Robertshaw-Fulton Controls Co.
American Electric Cable Co.
Beaton & Corbin Mfg. Co., The
Belden Mfg. Co.
Berkshire Electric Cable Co.
General Cable Corp.
Hallett Mfg. Co.



...the only all-metal, in-line solenoid valve with an optically-flat seat!

The all-new Valcor V-28100 Solenoid Valve eliminates all internal or external nonmetal seals. All-welded, all-metal, the V-28100 is designed to minimize temperature and media problems for the long life of the valve. The V-28100 features an optically-flat, hard-faced seating, one of the many unusual engineering designs responsible for Valcor's wide acceptance throughout industry. And because of its all-metal construction, the shelf life of the V-28100 is unlimited.

Featuring compact size and low weight, it is especially valuable in missile and aircraft design.

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## The new V-28100 series cover the following range—

MEDIA: Fuels, hydraulics, pneumatics, liquid gases TEMPERATURE RANGE: -300°F to +600°F DIMENSIONS: 1.25" x 2.60" RESPONSE: 15 milliseconds VOLTAGE: 18-30 volts DC

PRESSURE RANGE: 0 to 3,000 psi FLOW EQUIVALENT: .020 to .125 sharp edge orifice

## VALCOR ENGINEERING CORP.

5369 CARNEGIE AVENUE, KENILWORTH, NEW JERSEY

Hammett Electric Co.
International Electric Industries, Inc.
Jefferson Products Corp.
Krigen Aircraft Div.-The Kilgen Organ Co.
Mohawk Wire & Cable Corp.
Okonite Co., The
Packard Electric Div.-General Motors Corp.
Rex Corp. The
Scintilla Div., Bendix Aviation Corp.
Skytronics Scintilla Div., Bendix Aviation C Skytronics Surprenant Mfg, Co. Telectro Industries Corp. Titeflex, Inc. Western International Co. Winder Aircraft Corp. of Fla.

#### CADMIUM

Accurate Specialties Co., Inc. American Silver Co., Anchor Metal Co., Inc. Bios Labs., Inc.
Bram Metallurgical & Chemical Co.
Division Lead Co.
Eagle-Picher Co., The
Harmon, Lichtenstein & Co.

#### CALCIUM

Barium & Chemicals, Inc. Bios Labs., Inc. Bram Metallurgical & Chemical Co.

#### CAPS, TUBE

Aerolite Electronics Corp.
Alden Products Co.
American Brass Co., The
Clover Industries, Inc.
Electron Products, Inc.
Hobson Brothers, Inc.
Hobson Brothers, Inc.
R. I. Metpro, Inc.
Pacific Cut Washer Co.
Ray A. Scharer & Co.
Spincraft, Inc.

#### CARBIDES

Bergen Carbide Co. Bram Metallurgical & Chemical Co. Carbone Corp., The Firth Sterling Inc. Kennametal Inc. Metallurgical Products Dept., General Electric

#### CARBON

Carbone Corp., The Erie Resistor Corp. Morganite, Inc. Ohio Carbon Co., The Pure Carbon Co., Inc. St. Marys Carbon Co. Superior Carbon Products, I United Carbon Products Co.

#### CASTINGS

ASTINGS

Alloy Precision Castings Co.
Ampco Metal, Inc.
Belmont Smelting & Refining Works, Inc.
Dale Products, Inc.
Dwyer Engrg. Co., Inc.
Haynes Stellite Co., Div.-Union Carbide Corp.
Hitchiner Mfg. Co., Inc.
Kemp Inc.
Lebanon Steel Foundry
Misco Precision Casting Co.
New York Air Brake Co., The, Watertown Div.
Thompson Products, Inc.
United Mfg. Co., The

#### Centrifugal, Ferrous

American Brake Shoe Co.
Anchor Metal Co., Inc.
Crucible Steel Co. of America
Dale Products, Inc.
Electric Steel Foundry Co.
Kemp Inc.
Lebanon Steel Foundry
Misco Precision Casting Co.
Perfecto Cast
Ray A. Scharer & Co.
Shenango Furnace Co., The, Centrifugally Cast
Products Div.
Utica Drop Forge & Tool Div. Kelsey Hayes Co.

#### Centrifugal, Non Ferrous

Aluminum Co. of America American Brake Shoe Co. American Non Gran Bronze Co. Ampco Metal, Inc. Bendix Foundries, Bendix Aviation Corp. Celco-Constantine Engrg. Laboratories Co.

Dale Products, Inc. Dale Products, Inc.
Kemp -Inc.
New York Air Brake Co., The, Watertown Div.
Precision Castings, Inc.
True Alloys, Inc.
Randall Graphite Bearings, Inc.
Ray A. Scharer & Co.
Shenage Furnace Co., The, Centrifugally Cast Products Div.
Utica Drop Forge & Tool Div.-Kelsey Hayes Co.

#### Die, Ferrous

American Car & Foundry Div., ACF Industries, Inc.
Dale Products, Inc.
Stewart-Warner Corp.

#### Die, Non Ferrous

Aluminum Co. of America
Anchor Metal Co., Inc.
Belmont Smelting & Refining Works, Inc.
Bendix Foundries, Bendix Aviation Corp.
Dale Products, Inc.
Electric Auto-Lite Co., The
Hampden Brass & Aluminum Co.
P. R. Mallory & Co., Inc.
Sel-Rex Corp.
Stewart-Warner Corp.
Titan Metal Mfg. Co.
Veet Industries

#### Precision, Ferrous

Alloy Precision Castings Co. American Brake Shoe Co., Engineered Casting
Div. American Car & Foundry Div., ACF Industries, Inc. Inc.
Arwood Precision Casting Corp.
Austenal Inc.
Crucible Steel Co. of America
Dale Products, Inc.
Eaton Mig. Co.
Haynes Stellite Co., Div.-Union Carbide Corp.
Hitchiner Mig. Co., Inc.
Indiana Foundry
Investment Casting Co.
Lebanon Steel Foundry
Mercast Mig. Corp.
Misco Precision Casting Co.
New York Air Brake Co., The, Waterfown Div.
Pacific Alloy Engrg. Corp.
Perfecto Cast
Thompson Products, Inc.
United Shoe Machinery Corp.
Utica Drop Forge & Tool Div.-Kelsey Hayes Co.
Vestern Automatic Machine Screw Co., Div.Standard Screw Co. Arwood Precision Casting Corp. Standard Screw Co.
\*WESTINGHOUSE ELECTRIC CORP.

#### Precision, Non Ferrous

Precision, Non Ferrous

Alloy Precision Castings Co.

Aluminum Alloys Corp.

Aluminum Co. of America

American Brake Shoe Co.

Anchor Metal Co., Inc.

Arwood Precision Casting Corp.

Austenal Inc.

Morris Bean & Co.

Bendix Foundries, Bendix Aviation Corp.

Dale Products, Inc.

Fischer & Porter Co.

Haynes Stellite Co., Div.-Union Carbide Corp.

Hills-McCanna Co.

Hitchiner Mfg. Co., Inc.

Indiana Foundry

Investment Casting Co.

Kemp., Inc. Investment Casting Co.
Kemp, Inc.
Light Metals, Inc.
P. R. Mallory & Co., Inc.
Mercast Mfg. Corp.
New York Air Brake Co., The, Watertown Div.
Ohio Precision Castings, Inc.
Sel-Rex Corp.
Solon Foundry, Inc.
Thompson Products, Inc.
United Shoe Machinery Corp.
Utica Drop Forge & Tool Div. Kelsey Hayes Co.
\*WESTINGHOUSE ELECTRIC CORP.
Wright Aeronautical Div., Curtiss-Wright Corp.

#### CEMENT, ASBESTOS

Anchor Packing Co., The Dennis Chemical Co. Eagle-Picher Co., The Rubber & Asbestos Corp. Sauereisen Cements Co. Union Asbestos & Rubber Co. United Shoe Machinery Corp. Zophar Mills Inc.

#### CEMENT, PIPE-JOINT

Anchor Packing Co., The Barium & Chemicals, Inc. Bios Labs., Inc. Eco Engrg. Co. Hastings Plastics Inc.

Johns-Mansville Dutch Brand Div. Parker-Hannifin Corp. Rubber & Asbestos Corp. Sauereisen Cements Co. Smooth-On Mfg. Co. X-Pando Corp. Zophar Mills Inc.

#### CEMENT, RUBBER

Anchor Packing Co., The
Avondale Co., The
Bios Labs., Inc.
Connecticut Hard Rubber Co., The
Continental Rubber Works
\*\*COOPER DEVELOPMENT CORP.
General Cement Mig. Co., Div.-Textron Inc.
B. F. Goodrich Industrial Products Co.
Johns-Mansville Dutch Brand Div.
Lebec Chemical Corp.
Rubber & Asbestos Corp.
Rubber & Asbestos Corp.
Rubbercart Corp. of California
United Shoe Machinery Corp.

#### CERAMIC PARTS

American Lava Corp.
Auburn Spark Plug Co., Inc.
Bendix Products Div., Bendix Aviation Corp.
Bergen Carbide Co.
California Aircraft Products
Corning Glass Works
Diamonite Products Mfg. Co.
Electric Auto-Life Co., The
Electrical Refractories Co., The
Electrical Refractories Co., The
Electrical Refractories Corp.
General Instrument Corp., Defense Products Div.
Goe Engry. Co.
Heldor Mfg. Co., Inc.
Walter J. Hyalt Co., The
Isolantite Mfg. Corp.
Lapp Insulator Co., Inc., Radio Specialties Div.
Litton Industries, Components Div.
Maryland Lava Co.
Mica Fabricating Co.
Mica Fabricating Co.
Notron Co.
Patterson Foundry & Machine Co., The
Rogers Corp.
Saxonburg Ceramics
Size Control Co.
D. M. Steward Mfg. Co.
Sylvania Electric Products Inc., Parts Div.
Thermo Materials, Inc.
Turbo Dynamics Corp.
Western Gold & Platinum
Zirconium Corp. of America

CERAMICS. HIGH TEMPERATURE

### CERAMICS, HIGH TEMPERATURE

CERAMICS, HIGH TEMPERATURE

American Lava Corp.
Auburn Spark Plug Co., Inc.
Barium & Chemicals, Inc.,
Bendix Products Div., Bendix Aviation Corp.
Brush Beryllium Co., The
Corning Glass Works
Diamonite Products Mfg. Co.
Electric Auto-Lite Co., The
Electrical Refractories Co., The
Electrical Refractories Co., The
Electronic Mechanics, Inc.
Erie Resistor Corp.
General Ceramics Corp.
Haynes Stellite Co., Div.-Union Carbide Corp.
Isolantite Mfg. Corp.
Lapp Insulator Co., Radio Specialties Div.
Linda Co., Div.-Union Carbide
Litton Industries, Components Div.
Luria Engrg. Co.
Marquard Aircraft Co.
Maryland Lava Co.
Mica Fabricating Co.,
Morganite, Inc.,
Che ter Morton Electronics Corp.
Mycalex Corp. of America
Norton Co.,
Rogers Corp.
Saxonburg Ceramics
Solar Aircraft Co.
D. M. Steward Mfg. Co.
Sylvania Electric Products Inc.,
Thermo Materials, Inc.,
Topper Mfg. Co., Inc.
Turbo Dynamics Corp.
Western Gold & Platinum
Crr. of America
CCHAIN. SMAIL DRIVE

#### CHAIN, SMALL DRIVE

Chain Belt Co.

#### CHEMICALS, RADIOACTIVE

Bios Labs., Inc. Canadian Radium & Uranium Corp. United States Radium Corp.

#### **CHROMIUM**

Barium & Chemicals, Inc. Belmont Smelting & Refining Works, Inc. Bram Metallurgical & Chemical Co. Marman Div., Aeroquip Corp.





#### CLAMPS, HOSE

Aeroquip Corp.
Avica Corp.
California Aircraft Products
Continental Rubber Works
Devilbiss Co., The
Dumont Aviation Associates
Dumont Aircraft Fitting Co.
Eaton Mfg. Co.
Hammett Electric Co.
Walter J. Hyatt Co., The
Walter K. Jaros, Aircrafters
National Utilities Corp.
Progressive Research & Development Co., Inc.
M. L. Snyder & Son, Inc.
Specialty Products Corp.
Titeflex, Inc.
Turbo Products, Inc.
United Supply Co.
United Supply Co.
United Surprise Aircrafters
United Supply Co.
Universal Metal Products Inc.

#### CLAMPS, MECHANICAL CABLE

Aerolite Electronics Corp.
Burndy Corp., Omaton Div.
Carroll Pressed Metal, Inc.
Dakota Engrg., Inc.,
Hammett Electric Co.
Hollub Industries, Inc.
Walter K. Jaros, Aircrafters
Joclin Mfg. Co.
Kickhaefer Mfg. Co.
Kulka Electric Corp.
Progressive Research & Development Co., Inc.
TA Mfg. Corp.
Titeflex, Inc.
Turbo Products, Inc.

#### CLAMPS, SPECIAL

Abalon Precision Mfg. Corp. Accurate Electronics Corp., Dept. D Aerolite Electronics Corp. Aerolife Electronics Corp.
Areroquip Corp.
American Welding & Mfg. Co., The
Birnbach Radio Co., Inc.
Birnbach Radio Co., Inc.
Carroll Pressed Metal, Inc.
Continental Diamond Fibre Corp., Sub.—The
Rudd Co.

### CLAMPS, TUBE

CLAMPS, TUBE

Aeroquip Corp.
Alden Products Co.
Avica Corp.
Birnbach Radio Co., Inc.
Branson Instruments, Inc.
Cobenn, Inc.
D. S. D. Mig. Co., The
Dumont Aircraft Fitting Co.
Dumont Aviation Associates
Gasket, Facking & Specialty Co. Inc.
Walter J. Hyst Co., The
JANITROL AIRCRAFT DIV.—SURFACE COMBUSTION CORP.
Walter K. Jaros, Aircrafters
Kickhaefer Mig. Co.
Kolton Electric Mig. Co.
Marman Div., Aeroquip Corp.
Narda Microwave Corp., The
Peerless Electronics Inc.
Progressive Research & Development Co., Inc.
Shaw Metal Products Corp.
TA Mig. Corp.
Titeflex, Inc.
Turbo Products, Inc.
Universal Metal Products Inc.
Vemaline Products Co.

### CLEANERS, ULTRASONIC

Alcar Instruments, Inc.
Blackstone Corp.
Gerard G. Leeds Co., Inc.
John B Moore Corp.
Penetone Co., The
Science House, Inc.
Turco Products, Inc.
Wye Industries

#### CLIPS, TUBE

CLIPS, TUBE

Aerolite Electronics Corp.
American Brass Co., The
Atlas E-E Corp.
Avica Corp.
H. Braun Tool & Instrument Co., Inc.
Dumont Aviation Associates
Hobson Brothers, Inc.
Walter K. Jaros, Aircrafters
Kickhaefer Mfg. Co.
Kolton Electric Mfg. Co.
Kolton Electric Mfg. Co.
Parker-Hannlifin Corp.
Reliable Spring & Wire Forms Co., The
TA Mfg. Corp.
Universal Metal Products Inc.

#### CLOTH, GLASS

Aero Leather Products Co. Allied Plastics Supply Corp. Atlas Asbestos Co. Bar-Ray Products, Inc. Cordo Molding Products, Inc. C. R. Daniels, Inc. Duracote Corp.

#### CLUTCHES, MAGNETIC

American Flexible Coupling Div., Zurn Indus-American relative Coupling
tries, Inc.
Bogue Electric Mfg. Co.
Cufler-Hammer Inc.
Joe Davidson & Associates
Dial Products Co.
\*FLIGHT RESEARCH, INC. FLIGHT RESEARCH, INC.
Geartronics Corp.
Lyndon Aircraft, Inc.
J. A. Maurer, Inc.
Pic Design Corp., Sub-Benrus Watch Co., Inc.
Technical Oil Tool Corp.
Telectro Industries Corp.
Wacline, Inc.
Waveguide, Inc.

## GENERATOR

American Flexible Coupling Div., Zurn Industries, American Flexible Coupling Div., Zurn I Inc.
Bogue Electric Mfg. Co.
Digitronics Corp.
General Railway Signal Co.
Graphite Metallizing Corp.
Hammert Electric Co.
La Pointe Industries Inc.
Overload Control Co.
Servomechanisms, Inc., Mechatrol Div.
Varo Mfg. Co.
Wacline, Inc.

#### COATINGS, CONDUCTIVE-TUBE INTERIOR

Americoat Corp., The B. F. Goodrich Industrial Products Co. Merix Chemical Co. Silicones Div.-Union Carbide Corp.

#### COATINGS, HIGH TEMPERATURE

COATINGS, HIGH TEMPERATURE

Amercoat Corp.
American Cord & Webbing Co., Inc.
American Rocket Co.,
Ariantic Research Corp.
Avondale Co., The
Barium & Chemicals, Inc.
Carl Bigss Co.
Bios Labs., Inc.
Carbone Corp., The
Connecticut Hard Rubber Co., The
Connecticut Hard Rubber Co., The
Connecticut Hard Rubber Co., The
Consolidated Electrodynamics Corp.
\*COOPER DEVELOPMENT CORP.
Drilube Co.,
Duracote Corp.
Eagle-Picher Co., The
Electrofilm, Inc.
Emerson & Cuming, Inc.
General Cement Mfg. Co., Div-Textron Inc.
General Cement Mfg. Co., Div-Textron Inc.
General Cement Mfg. Co., Div-Developeration of the Constant of the Cons

Silicone Products Dept., General Electric Co.
Silicones Div. Union Carbide Corp.
Solar Aircraft Co.
L. Sonneborn & Sons, Inc., Building Products Div.
Sparta Mfg. Co.
Arthur Tickle Engrg. Works, Inc.
Topper Mfg. Co., Inc.
Utica Drop Forge & Tool Div. Kelsey Hayes Co.
Zirconium Corp. of America

#### COATINGS, SPECIAL PURPOSE

COATINGS, SPECIAL PURPOSE

American Cord & Webbing Co., Inc.
American Rocket Co.
Atlantic Research Corp.
Avondale Co., The

\*\*BAUSCH & LOMB OPTICAL CO.
Carl Bigs Co.
Bios Labs, Inc.
Canadian Radium & Uranium Corp.
Carbone Carp., The
Connecticut Hard Rubber Co., The
Dennis Chemical Co.
Drilube Co.
Duracote Corp.
Electrofilm, Inc.
Elektro-Serv Co.
General Plastics Corp. of New Jersey
8. F. Goodrich Industrial Products Co.
Hastings Plastics Inc.
Horsey, Robson & Co., Inc.
\*\*IDEAL CHEMICAL PRODUCTS, INC.
Joclin Mfg. Co.
Linde Co., Divi-Union Carbide
Midland Paint & Varnish Co., The
New England Tape Co. Inc.
Norlon Co.
Olin \*Mathieson Chemical Corp., High Energy
Fuels Div.
Sel-Rex Corp.
Silicones Div.-Union Carbide Corp.
Sparta Mfg. Co.
Arthur Tickle Engrg. Works, Inc.
Topper Mfg. Co., Inc.
United Shoe Machinery Corp.
Vorac Co., The

#### COILS. HIGH TEMPERATURE

Advanced Electronics, Inc. Aerolite Electronics Corp. Associated American Winding Co., Inc. Continental Diamond Fibre Corp., Sub. The Budd Continental Diamond Fibre Corps, Substille Badde Co. Garde Mfg. Co. General Railway Signal Co. Goslin Electric & Mfg. Co. Mar Vista Engra. Co. J. W. Miller Co. Minneapolis-Honeywell Regulator Co., Aeronau-Minneapolis-Honeywell Regulator Cotical Div.
New York Coil Co., Inc.
Potter Aeronautical Corp.
Precision, Inc.
Scintilla Div., Bendix Aviation Corp.
Scalectric Switch & Relay Corp.
Tele-Coil Co.
Telectro Industries Corp.
Tri-Dex Co.
Tur-Bo Jet Products Co., Inc.

#### COILS, IGNITION

Associated American Winding Co., Inc.
\*COOPER DEVELOPMENT CORP.
Electric Auto-Life Co., The
General Railway Signal Co.
Goslin Electric & Mfg. Co.
Hammett Electric Co.
New York Coil Co., Inc.
Scintilla Div., Bendix Aviation Corp.
Tele-Coil Co.
Telectro Industries Corp.
Titeflex, Inc.

#### COMBUSTION CHAMBER COVERS

COMBUSTION CHAMBER COVERS

ACF Industries, Inc., Advanced Products Div.
Bridgwater Machine Co.
Christie Machine Works

\*COOPER DEVELOPMENT CORP.

\*DIVERSEY ENGRG. CO.
Eaton Mfg. Co., Inc., Fredric Flader Div.
Finn Aeronautical Div., T. R. Finn & Co., Inc.
Hicks Corp., The
Hupp Aviation Co.
Kelsey-Hayes Co.
\*LAVELLE AIRCRAFT CORP.
\*LTCOMING DIV., AVCO MFG. CORP.
\*PHOENIX PRODUCTS CO.
Portland Copper & Tank Works Inc.
Ryan Aeronautical Co.
Smith-Morris Corp.
Solar Aircraft Co.
Stainless Steel Products, Inc.
Turbo Dynamics Corp.
United Mfg. Co., The
Warren Mfg. Div., Warren Brothers Roads Co.
Wright Aeronautical Div. Curtiss-Wright Corp.

#### COMBUSTION CHAMBER LINERS

ACF Industries, Inc., Advanced Products Div. Bridgwater Machine Co. California Aircraft Products Continental Diamond Fibre Corp., Sub.-The Budo

California Aircraft Products
Continental Diamond Fibre Corp., Sub.-The Budo
Co.

\*COOPER DEVELOPMENT CORP.
Corning Glass Works
Cune Engrg. Corp., The
\*\*BIVERSEY ENGRG. CO.
Eaton Mfg. Co., Inc., Fredric Flader Div.
Finn Aeronautical Div., T. R. Finn & Co., Inc.
Hicks Corp., The
Hupp Aviation Co.
\*\*IDRAL CHEMICAL PRODUCTS, INC.
\*\*JANITROL AIRCRAFT DIV.-SURFACE COMBUSTION CORP.
Kelsey-Hayes Co.
Lamtex Industries, Inc.
\*\*LYCOMING DIV., AYCO MFG. CORP.
Marquardf Aircraft Co.
Norton Co.
\*\*PHOENIX PRODUCTS CO.
\*\*PHOENIX PRODUCTS CO.
\*\*PHOENIX PRODUCTS CO.
\*\*Soil-Morris Corp.
Soilar Aircraft Co.
Stainless Steel Products, Inc.
H. I. Thompson Fiber Glass Co.
Thompson Products, Inc.
\*\*C. W. TORNGREN CO.
\*\*Urbo Dynamics Corp.
\*\*Urse Dynamics Corp.
\*\*WESTINGHOUSE ELECTRIC CORP.
\*\*Westinghouse Electric Corp.
\*\*Wright Aeronautical Div., Curfiss-Wright Corp.

#### COMBUSTION CHAMBERS

COMBUSTION CHAMBERS

ACF Industries, Inc., Advanced Products Div. Allied Research & Engrg., Div.-Allied Record Mig. Co.,
American Welding & Mig. Co., The Atlantic Research Corp., Bridgwater Machine Co.
Christie Machine Works
Corning Glass Works
\*\*DIVERSEY ENGRG. CO.
Eaton Mig. Co., Inc., Fredric Flader Div., Finn Aeronautical Div., T. R. Finn & Co., Inc., Fond Machinery & Chemical Corp., Ordnance Div., The Hupp Aviation Co.
Listey-Hayes Co.
\*\*ELYCOMING DIV., AVCO MFG. CORP.\*\*
\*\*LYCOMING DIV., AVCO MFG. CORP.\*\*
\*\*LYCOMING DIV., AVCO MFG. CORP.\*\*
Marquardt Aircraft Co., Menasco Mig. Co., Oerlikon Tool & Arms Corp. of America Penn-Michigan Mig. Corp., Portland Copper & Tank Works Inc., Propellex Chemical Corp., Syan Aeronautical Co., Smith-Morris Corp., Solar Aircraft Co., Stainless Steel Products, Inc.
\*\*Hompson Products, Inc.
\*\*C. W. TORNGREN CO., INC.
Turbo Dynamics Corp.
United Mig. Co., The Veet Industries
Warren Mig. Div., Warren Brothers Roads Co.
\*\*WESTINGHOUSE ELECTRIC CORP.
Wright Aeronautical Div., Curtiss-Wright Corp.

#### COMBUSTORS

Eaton Mfg. Co., Inc., Fredric Flader Div. Hupp Aviation Co.
Marquardt Aircraft Co.
Marquardt Aircraft Co.
Ryan Aeronautical Co.
Solar Aircraft Co.
Thompson Products, Inc.
Turbo Dynamics Corp.
Westinghouse Electric Corp.
Wright Aeronautical Div., Curtist-Wright Corp.

#### COMPRESSOR ASSEMBLIES

Air Logistics Corp.

\*AMERICAN MACHINE & FOUNDRY CO.
American Welding & Mfg. Co., The
Bendix Products Div., Bendix Aviation Corp.
Bridgwater Machine Co.
Champion Pneumatic Machinery Co.

\*EASTERN INDUSTRIES, INC.
Eaton Mfg Co., Inc., Fredric Flader Div.
Ex-Cell-O Corp.
Finn Aeronautical Div., T. R. Finn & Co., Inc.
Haskell Engrg. & Supply Co.
Kelsey-Hayes Co.
Walter Kidde & Co., Inc., Aviation Div.
\*LYCOMING DIV., AYCO MFG. CORP.
Solar Aircraft Co.
Thompson Products, Inc.
Turbo Products, Inc.
Veet Industries
\*WESTINGHOUSE ELECTRIC CORP.

Veet Industries

\*WESTINGHOUSE ELECTRIC CORP.

Wright Aeronautical Div., Curtiss-Wright Corp.

#### COMPRESSOR ASSEMBLIES, AXIAL FLOW

AXIAL FLOW

American Welding & Mfg, Co., The Bendix Products Div., Bendix Aviation Corp. Bridgwater Machine Co.
Champion Pneumatic Machinery Co. Eaton Mfg, Co., Inc., Fredric Flader Div. Ex-Cell-O Corp.
Finn Aeronautical Div., T. R. Finn & Co., Inc., Kelsey-Hayes Co.
Kerns Mfg, Corp.
\*LYCOMING DIV., AYCO MFG, CORP.
Misco Precision Casting Co.
Solar Aircraft Co.
Thompson Products, Inc.
Turbo Products, Inc.
Veet Industries

Inompson roducts, Inc.
Turbo Products, Inc.
Veet Industries
\*\*WESTINGHOUSE ELECTRIC CORP.
Wright Aeronautical Div., Curtiss-Wright Corp.

#### COMPRESSOR ASSEMBLIES, CENTRIFUGAL FLOW

CENIRIFUGAL FLOW

American Welding & Mfg. Co., The
Bendix Products Div., Bendix Aviation Corp.
Bridgwater Machine Co.
Champion Pneumatic Machinery Co.
Finn Aeronautical Div., T. R. Finn & Co., Inc.
Kelsey-Hayes Co.
Kerns Mfg. Corp.
\*LYCOMING DIV., AVCO MFG. CORP.
Misco Precision Casting Co.
Solar Aircraft Co.
Thompson Products, Inc.
Turbo Products, Inc.
Turbo Products Inc.
\*WESTINGHOUSE ELECTRIC CORP.
Wright Aeronautical Div., Curtiss-Wright Corp.

### COMPRESSORS, GAS

Accessory Controls & Equipment Corp. Bridgwater Machine Co. Bridgwafer Machine Co.
Cardox Corp.
Carrier Corp.
Champion Pneumatic Machinery Co.
\*\*CORNELIUS CO., THE
Eaton Mfg. Co. Inc., Fredric Flader Div.
\*\*GARRETT CORP. THE, AIRESEARCH MFG. DIVS.
\*\*GARETH YDRAULICS, INC.
Kerns Mfg. Corp.
Solar Aircraft Co.,
Stratos, Div.-Fairchild Engine & Airplane Corp.

#### CONDUITS, FIBER

Arrowhead Products, Div.-Federal-Mogul-Bower Bearings, Inc.
Continental Diamond Fibre Corp., Sub.-The Continental Diamond Fibre Corp.,
Budd Co.
Flexaust Co., The
General Plastics Corp. of New Jersey
Hastings Plastics Inc.
Lamtex Industries, Inc.
Rogers Corp.
Saylor Electric Products
Zippertubing Co., The

#### CONDUITS, IGNITION WIRE

Co-operative Industries, Inc.
Flexible Metal Hose Mfg. Co.
Hallett Mfg. Co.
Johnson Metal Hose, Inc.
Marco Industries Co.
J. E. Menaugh Co.
Scintilla Div., Bendix Aviation Corp.
Servicair Co.
Skytronics
Titeflex, Inc.
Westwood Cable Corp.
Zippertubing Co., The

#### CONDUITS, METAL, FLEXIBLE

American Brass Co., The American Brass Co., American Metal Hose Div. Arens Controls, Inc. Arrowhead Products, Div.-Federal-Mogul-Bowe-Bearings, Inc. Dr. Mfg. Co. Federal Metal Hose Corp. Co-operative Industries, Inc. Dr. Mfg. Co. Federal Metal Hose Corp. Flexaust Co., The Flexible Metal Hose Mfg. Co. Flexonics Corp. Hallett Mfg. Co. Johnson Metal Hose, Inc. Rodney Metal Inc. Servicair Co. Skytronics Titleflex, Inc. Westwood Cable Corp. Zippertubing Co., The

### CONDUITS, METAL, NON-FLEXIBLE

Aluminum Co. of America American Brass Co., The \*AMERICAN TUBE BEADNING CO., INC. Arrowhead Products, Div.-Federal-Mogul-Bower Bearings, Inc.

D K Mfg. Co.
General Cable Corp.
Hallett Mfg. Co.
Huber Industries, Inc.
Titeflex, Inc.
Woolf Aircraft Products, Inc.

#### CONES, EXHAUST

American Welding & Mfg. Co., The Associated Co., Inc. Bridgwater Machine Co. Continental Diamond Fibre Corp., Sub.-The Budd

Bridgwater Machine Co.
Continental Diamond Fibre Corp., Sub. The Budd
Co.
\*COOPER DEVELOPMENT CORP.
\*DIVERSEY ENGRG. CO.
G. M. Dykes Iron Works, Inc.
Finn Aeronautical Div., T. R. Finn & Co., Inc.
Finn Aeronautical Div., T. R. Finn & Co., Inc.
Foote Brothers Gear & Machine Corp.
Hupp Aviation Co.
Kaiser Aircraft & Electronics Div. Kaiser Industries
Corp.
Tries Corp.
Kelsey-Hayes Co.
Lamtex Industries, Inc.
\*LAYELLE AIRCRAFT CORP.
Lutens Steel Co.
\*LYCOMING DIV., AVCO MFG. CORP.
Marquard Aircraft Co.
Parish Pressed Steel, Div. Dana Corp.
Penn-Michigan Mfg. Corp.
Portland Copper & Tank Works Inc.
Pensed Steel Tank Co.
Quick Charge Corp.
Size Control Co.
Shaw Metal Products Corp.
Size Control Co.
Smith-Morris Corp.
Thieblot Aviation Co., Div.-Vitro Corp. of America
Thompson Products, Inc.
\*C. W. TORNGREN CO., INC.
Turbo Dynamics Corp.
Turbo Products, Inc.
\*Volking Air Corp.
Turbo Products, Inc.
\*West Industries
Warren Mfg. Div., Warren Brothers Roads Co.
\*WESTINGHOUSE ELECTRIC CORP.
Wheland Co., The
Wright Aeronautical Div., Curtiss-Wright Corp.

Wheland Co., The Wright Aeronautical Div., Curtiss-Wright Corp.

#### CONNECTORS, ELECTRIC **FIREWALL**

Airwork Corp.

\*ANTON ELECTRONIC LABS., INC.
Arrowhead Products, Div.-Federal-Mogul-Bower
Bearings, Inc. Bearings, Inc.
Avnet Corp.
Cannon Electric Co.
Coaxial Connectors Co. Inc.
Dumont Aircraft Filting Co.
R. C. Dudek & Co.
Garde Mfg. Co.
\*GARREIT CORP., THE, AIRESEARCH MFG. DIVS.
General R-F. Fittings, Inc.
Walter K. Jaros, Aircrafters
Kasar Mfg. & Distributing Co., Inc.
Scintilla Div., Bendix Aviation Corp.
Telectro Industries Corp.
Titeflex, Inc.
Winchester Electronics, Inc.

#### CONNECTORS, PRESSURIZED

Airwork Corp.

\*ANTON ELECTRONIC LABS., INC.
Arrowhead Products,
Bearings, Inc.
Avnet Corp.
Burndy Corp., Omaton Div.
Cannon Electric Co.
Coaxial Connector Co. Inc.
Garde Mfg. Co.
General R.F. Fithings, Inc.
Joclin Mfg. Co.
Mendelsohn Speedgun Co., Inc.
\*HAROLD H. POWELL CO.
Scintilla Div., Bendix Aviation Corp.
Telectro Industries Corp.
U. S. Componet Inc.
Uniwave, Inc. Uniwave, Inc.
Western International Co.
Winchester Eelctronics, Inc.

#### CONTROLS

Aero Supply Mfg. Co., Inc.
Airborne Accessories Corp.
Automatic Switch Co.
Barton Instrument Corp.
Bendix Products Div., Bendix Aviation Corp.
Bogue Electric Mfg. Co.
Briggs Associates, Inc.
CDC Control Services, Inc.
Clark Electronic Laboratories
Consolidated Controls Corp.
Consolidated Controls Corp.
General Controls Co.
Greenleaf Mfg. Co., The, Div.-Mandrel Industries
Inc. Hallamore Electronics Co.

\*A. W. HAYDON CO., THE Industrial Instrumen
\*KAHN & CO., INC. Lear, Inc.
Lear, Inc.
Lear, Inc.
Leads & Northrup Co.
Patterson, Moos Div.-Universal Winding Co., Inc.
Reaction Motors, Inc.
Milton Roy Co.
Ryan Aeronaulical Co.
Scientific Instrument Co.
Servomechanisms, Inc.
Vickers Inc., Div.-Sperry Rand

#### Chemical

American Rocket Co. Barton Instrument Corp. CDC Control Services, Inc. CDC Control Services, Inc.
Devco Engrg. Inc.
General Cement Mfg. Co., Div.-Textron Inc.
Merix Chemical Co.
Process & Instruments
Research Controls
Milton Roy Co.
Thompson Products, Inc.
Textro Process Controls Turbo Dynamics Corp.

#### Combustion

Combustion

CDC Control Services, Inc., Eaton Mfg. Co., Inc., Fredric Flader Div., Electronics Corp. of America Hagan Chemicals & Controls, Inc.

\*JANITROL AIRCRAFT DIV.-SURFACE COMBUSTION CORP.
Leeds & Northrup Co.
Marquardt Aircraft Co.
National Airoil Burner Co.
Servomechanisms, Inc.
Telectro Industries Corp.
Thompson Products, Inc.
Turbo Dynamics Corp.
Whittaker Controls, Div.-Telecomputing Corp.

#### Density

CDC Control Services, Inc.
W. C. Dillon & Co., Inc.
Electronic Control Corp.
Hallamore Electronics Co.
Kollsman Instrument Corp., Sub-Standard Coil
Products Co. Inc.
Products Co. Inc.
Telectro Industries Corp.
Telectro Industries Corp.

#### Dynamometer

Boque Electric Mfg. Co. CDC Control Services, Inc. Electric Auto-Lite Co., The General Electric Co., Apparatus Sales Div. Hallamore Electronics Co. Hallamore Electronics Co.
Lear, Inc.
Scientific Instrument Co.
Systron Corp.
Telectro Industries Corp.
\*WESTINGHOUSE ELECTRIC CORP.

#### Engine

American Electronics, Inc., Data-Tronics Div.
Associated Co., Inc.
Associated Co., Inc.
Associated Co., Inc.
Associated Co., Inc.
CDC Control Services, Inc.
CDC Control Services, Inc.
CDC Control Services, Inc.
Consolidated Controls Corp.
Eaton Mfg. Co., Inc., Fredric Flader Div.
Hallamore Electronics Co.
Walter J. Hyatt Co., The
Koehler Aircraft Products Co., Inc.
Lear, Inc.
Marquardt Aircraft Co.
Minneapolis-Honeywell Regulator Co., Aeronautical Div.
Reaction Motors, Inc.
Reid Metal Products, Inc.
Reid Metal Products
Co. Servomechanisms, Inc.
Solar Aircraft Co.
Southwest Products Co.
Telectro Industries Corp.
Teleflex Inc.
Trimount Industries Corp.
Teleflex Inc.
Trimount Instrument Co., Div.-F. C. Huyck & Sons
Western Arc Welding, Inc.
Whittaker Controls, Div.-Telecomputing Corp.

#### Fire

Abrams Instrument Corp., Atlantic Instrument Corp., Sub.-American Electronics, Inc.
CDC Control Services, Inc.
Cardinal Instrumentation Corp.
Electronics Corp. of America
Electronics Dept., Hamilton Standard Div.,
United Aircraft Corp.
Engelberg Huller Cor, Inc.
T-C Div., Dyna-Empire, Inc.

Telectro Industries Corp.
Whittaker Controls, Div.-Telecomputing Corp.

#### Flame Failure

Atlantic Instrument Corp., Sub.-American Electronics, Inc.
Briggs Associates, Inc.
CDC Control Services, Inc.
Electronics Corp of America
Ess Instrument Co.
General Controls Co.
National Airoil Burner Co.
T-C Div., Dyna-Empire, Inc.
Telectro Industries Corp.
Whittaker Controls, Div.—Telecomputing Corp.

#### Fluid Conductivity

CDC Control Services, Inc.
Ess Instrument Co.
Hydra-Power Corp.
Industrial Instruments Inc.
Koehler Aircraft Products Co., Inc.
Leeds & Northrup Co.
Merix Chemical Co.,
Minneapolis-Honeywell Regulator Co., Aeornautical Div.
Systron Corp.

#### Fluid Flow

Fluid Flow

Acoustica Associates, Inc.
Aero Supply Mfg. Co., Inc.
Aeronavtical & Instrument Div., Robertshaw-Fultion Controls Co.
Airborne Research & Development Corp.
Alco Valve Co.
American Electronics, Inc.
Atlantic Instrument Corp., Sub.—American Electronics, Inc.
Automatic Switch Co.
Barton Instrument Corp.
Briggs Associates, Inc.
CDC Control Services, Inc.
Cadillac Gage Co.
Chandler-Evans, Div.—Pratt & Whitney Co., Inc.
Clary Dynamics
Consolidated Controls Corp.
Dynamic Controls Corp.
Dynamic Controls Corp.
Dynamic Controls Corp.
EASTERN INDUSTRIES, INC.
General Controls Co.
\*GREER HYDRAULICS, INC. General Controls Co.
\*GREER HYDRAULICS, INC.

GREER HYDRAULICS, INC.
Gulton Industries, Inc.
Hagan Chemicals & Controls, Inc.
Hallamore Electronics Co.
Walter J. Hyatt Co., The
Hydra-Power Corp.
Kelsey-Hayes Co.
Kemp Aero Products, Div.-Kemp Inc.
Koehler Aircraft Products Co., Inc.
Leeds & Northrup Co.

Leeds & Northrup Co.
\*\*WALLACE O. LEONARD, INC.
Librascope Inc.
Magnetrol, Inc.
Marquardt Aircraft Co.
W. L. Masson Corp., The
Minneapolis-Honeywell Regulator Co., Aeronautical Div. Minneapolis-Honeywell Regulator Co., Indust.

Minneapolis-Honeywell Regulator Co., Indust. Div.
National Airoil Burner Co.
Nuclear Corp. of America, Inc.
Parameters, Inc.
Parker Aircraft Co.
Pioneer-Central Div., Bendix Aviation Corp.
Potter Aeronautical Corp.
Reaction Motors, Inc.
Research Controls
Servomechanisms, Inc.
A. U. Stone & Co., Inc.
Systron Corp.
Tactair Valve Div.-Aircraft Products Co.
Thompson Products, Inc.
\*\*VALCOR ENGRG. CORP.
Vap-Air Div., Vapor Heating Corp.
Vickers Inc., Div.—Sperry Rand
Waldorf Instrument Co., Div.—F. C. Huyck &
Sons

Sons

Waugh Engrg. Co. Weston Hydraulics, Ltd. Whittaker Controls, Div.—Telecomputing Corp.

Fuel

\*AC SPARK PLUG DIV., GENERAL MOTOR CORP.
Acoustica Associates, Inc.
Aero Supply Mfg. Co., Inc.
Aero Supply Mfg. Co., Inc.
Aero Supply Mfg. Co., Inc.
Aeronautical & Instrument Div., Robertshaw-Fulton Controls Co.
Aerotec Corp., The
Airborne Research & Development Corp.
American Electronics, Inc., Data-Tronics Div.
Automatic Switch Co.
Barton Instrument Corp.
CDC Control Services, Inc.
Cadillac Gage Co.
Chandler-Evans, Div.—Pratt & Whitney Co., Inc.
Clary Dynamics
Consolidated Controls Corp.
Dynamic Controls Corp.
Dynamic Controls Corp.
\*EASTERN INDUSTRIES, INC.

Eaton Míg. Co., Inc., Fredric Flader Div.
Eddington Metal Specialty Co.
Electronics Dept., Hamilton Standard Div.,
United Aircraft Corp.
Engelberg Huller Co., Inc.
Ess Instrumet Co.
Essex Míg. Co., Inc.
General Controls Co.
Hallamore Electronics Co.
Kelsey-Hayes Co.
Kemp Aero Products, Div.—Kemp Inc.
Koehler Aircraft Products Co., Inc.
Leeds & Northrup Co.
\*\*WALLACE O. LEONARD, INC.
Marquardt Aircraft Co.
Minneapolis-Honeywell Regulator Co., Aeronautical Div.
National Airoil Burner Co.
Parameters, Inc.
Patterson, Moos Div.—Universal Winding Co.,
Inc.
Elerce Governor Co. Inc. The

Patterson, Moos Div.—Universal Winding Co., Inc.
Inc.
Pionce Governor Co., Inc., The
Pioncer-Central Div., Bendix Aviation Corp.
Progressive Research & Development Co., Inc.,
Reaction Motors, Inc.,
A. U. Stone & Co., Inc.,
Systron Corp.
Thompson Products, Inc.,
VINITED AIRCRAFT PRODUCTS, INC.
United Control Corp.
Vickers Inc., Div.—Sperry Rand
Waldorf Instrument Co., Div.—F. C. Huyck &
Sons.

Whittaker Controls, Div.—Telecomputing Corp.

#### Gas

Aero Supply Mfg. Co., Inc.
Aeronautical & Instrument Div., Robertshaw-Fulton Controls Co.
Althorne Research & Development Corp.
Atlantic Instrument Corp., Sub.—American Electronics; Inc.
Automatic Switch Co.
Barton Instrument Corp.
CDC Control Services, Inc.
Chandler-Evans, Div.—Pratt & Whitney Co., Inc.
Clark Electronic Laboratories
Clary Dynamics

Clary Dynamics
Clary Dynamics
Consolidated Controls Corp.
\*CORNELIUS CO., THE
Devoc Engrq. Inc.
Eaton Mig. Co., Inc., Fredric Flader Div.
Engelberg Huller Co., Inc.
General Controls Co.
\*GREER HYDRAULICS, INC.
Hallamore Electronics Co.
Kelsey-Hayes Co.
Kemp Aero Products, Div.—Kemp Inc.
Koehler Aircraft Products Co., Inc.
Marquardt Aircraft Co.
Minneapolis-Honeywell Regulator Co., Aeronautical Div.
J. J. Monaghan Co., Inc.

fical Div.
J. Monaghan Co., Inc.
National Airoil Burner Co.
Progressive Research & Development Co., Inc.
Research Controls
Servomechanisms, Inc.
A. U. Stone & Co., Inc.
\*VALCOR ENGRG, CORP.
Thompson Products, Inc.
Waldorf Instrument Co., Div.—F. C. Huyck &
Sons

Sons Whittaker Controls, Div.—Telecomputing Corp.

#### Liquid Level

Acoustica Associates, Inc.
Aero Supply Mfg. Co., Inc.
Aero Supply Mfg. Co., Inc.
Aeronautical & Instrument Div., Robertshaw-Fulton Controls Co.
American Electronics, Inc., Data-Tronics Div.
Autonetics, Div.—North American Aviation, Inc.
Autotron, Inc.
Barton Instrument Corp.
Bogue Electric Mfg. Co.
CDC Control Services, Inc.
Clary Dynamics
Henry G. Diett Co., Inc., The
Dynamics Controls Corp.
Dynamic Controls Corp.
Electric Eye Equipment Co.
Electronic Control Corp.
Electronic Control Corp.
Electronic Control Corp.
Electronic Control Corp.
Ceneral Controls Co., Inc.
Friez Instrument Div.-Bendix Aviation Corp.
General Controls Co., Apparatus Sales Div.
Gulton Industries, Inc.
Kemp Aero Products, Div.-Kemp Inc.
Koehler Aircraft Products Co., Inc.
\*WALLACE O. LEONARD, INC.
Liquidometer Corp., The
Magnetrol, Inc.
Minneapolis-Honeywell Regulator Co., Indust.

tical Div.
Minneapolis-Honeywell Regulator Co., Indust. Div.

Div.

Narda Ultrasonics Corp., The

Nuclear Corp. of America, Inc.

Parker Aircraft Co.

Pioneer-Central Div., Bendix Aviation Corp.

Progressive Research & Development Co., Inc.



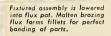
## ALUMINUM DIP-BRAZED ASSEMBLIES

UAP warker assembles multiple ports in fixture far heot exchanger care. Gloves guard against cantaminatian af aluminum priar ta brazing.



Fixturing is complete. Assembly proceeds ropidly since banding af parts is ochieved in a single dip-brazing aperatian.

Pre-heot furnace assures 100% heot penetrotian af fixtured ossembly priar ta immersian in flux bath.



production problems involved in making compact, high-strength, pressure-tight aluminum assemblies from multiple pieces. UAP's modern facilities are immediately available for fast, economical dipbrazing on a medium or high production schedule basis. UAP dip-brazing produces lightweight, ribbon-thin, non-porous joints . . . stronger than the parent metal . . . uniform in pressure tightness and appearance. Your product will benefit from UAP's many years of experience in supplying quality dip-brazed aluminum assemblies for industrial and military applications.

Now . . . UAP can help solve your design and

### Adaptable to most aluminum materials

This fast, flexible joining process is suited to compatible aluminum sheet, forgings and castings.

#### Simple or complex assemblies

Dip-brazing is based on flux-bath immersion, so accessibility to internal joints is never a problem. Assembly can include hundreds of complex parts.

#### Small or large assemblies

Pre-heat furnaces are as large as 36" square by 48" high. Fixtured assemblies and sub-assemblies within these dimensions can be dip-brazed.

Multiple boths remove oll residual flux



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Simmon Aerocessories, Inc.
Julied Control Corp.
V. Jaker Controls, Div.—Telecomputing Corp.

#### Machine Safety

CDC Control Services, Inc.
Devco Engrg. Inc.
Electric Eye Equipment Co.
Electronic Control Corp.
Electronics Copp. of America
General Electric Co., Apparatus Sales Div.
General Scientific Equipment Co.
Minneapolis-Honeywell Regulator Co., Boston Div. Telectro Industries Corp. Walsh Press & Die Co.

#### Positioning

Airborne Accessories Corp.
Airborne Accessories Corp.
American Electronics, Inc., Data-Tronics Div.
Barber-Colman Co.
Bendix Aviation Corp., York Div.
Bowmar Instrument Corp.
Briggs Asociates, Inc.
CDC Control Services, Inc.
CDC Consolidated Controls Corp.
Crescent Engrg. & Research Co.
Devoc Engrg. Inc.
Dynametrics Corp.

\*EASTERN INDUSTRIES, INC.

\*GARRETT CORP., THE, AIRESEARCH MFG. DIVS. General Controls Co. General Electric Co., Apparatus Sales Div. Greenleaf Mfg. Co., The, Div. Mandrel Indus-tries Inc.

\*GREER HYDRAULICS. INC. GREEK HIDRAULICS, INC.
Hoover Electric Co.
Kearfolt Co., Inc.
Lear, Inc., Grand Rapids Div.
Librascope Inc.
Marquardt Aircraft Co.
Minneapolis-Honeywell Regulator Co., Bostom Marquardt Aircraft Co.
Minneapolis-Honeywell Regulator Co., Boston
Div.
Northam Electronics, Inc.
Pacific Div. Bendix Aviation Corp.
Reaction Motors, Inc.
Reid Metal Products, Inc.
Republic Aviation Corp., Guided Missiles Div.
Royal Industries, Inc.
Servomechanisms, Inc.
Solar Aircraft Co.
Standard Armament Inc.
Sundstrand Aviation, Div.-Sundstrand Machine
Tool Co.
Telectro Industries Corp.
Teleflex Inc.
Trimount Instrument Co.
Ultradyne, Inc.
United Control Corp.
U. S. Gauge Div., American Machine & Metals,
Inc.
Vickers Inc., Div.-Sperry Rand Vickers Inc., Div. Sperry Rand

Power Level

Weston Hydraulics, Ltd.

Power Level

American Electronics, Inc., Data-Tronics Div. CDC Control Services, Inc.
Carleton Aviation Co., Inc.
Clark Electronic Laboratories
General Electric Co., Apperatus Sales Div.
Kollsman Instrument Corp., Sub-Standard Coil
Products Co. Inc.
Marquardt Aircraft Co.,
Minneapolis-Honeywell Regulator Co., Aeronautical Div.
Reid Metal Products, Inc.
Servomechanisms, Inc.
Servomechanisms, Inc.
Telectro Industries Corp.
Vickers Inc., Div.-Sperry Rand
Waldorf Instrument Co., Div.-F. C. Huyck &
Sons

Wacline, Inc. Waldorf Instrument Co., Div.-F. C. Huyck &

#### Pressure

Aero Supply Mfg. Co., Inc. Aeronautical & Instrument Div., Robertshaw Fulton Controls Co. Aerotec Corp., The Air Reduction Sales Co., Div. Air Reduction Co., Aerofec Corp., me.
Air Reduction Sales Co., Div.-Air Reduction Co.,
Inc., American Electronics, Inc., Data-Tronics Div.
Barksdale Valves
Barton Instrument Corp.
Black, Sivalls & Bryson, Inc.,
Briggs Associates, Inc.,
CDC Control Services, Inc.,
A. W. Cash Co.,
Clark Electronic Laboratories
Clary Dynamics
Consolidated Controls Corp.,
Consolidated Controls Corp.,
Consolidated Controls Corp.
Consolidated Co., THE
Henry G. Dietz Co., Inc., The
Dynametrics Corp.

Dynamic Controls Corp. \*EASTERN INDUSTRIES, INC. \*\*EASIERN INDUSTRIES, INC.
Electronics Corp. of America
Ellison Draft Gage Co.
Engelberg Huller Co., Inc.,
Fairchild Controls Corp., Components Div.
\*\*FIREWEL CO., INC., THE
Friez Instrument Div.-Bendix Aviation Corp.
\*\*GARREIT CORP., THE, AIRESEARCH MFG. DIVS.
General Controls Co.
General Electric Co., Apparatus Sales Div.
Greenleaf Mfg. Co., The, Div.-Mandrel Industries
Inc.

\*GREER HYDRAULICS, INC. Hallamore Electronics Co. Hydra-Power Corp.

Hydra-Power Corp.
\*JANIROL AIRCRAFT DIV.-SURFACE COMBUS-TION CORP.
Kelsey-Hayes Co.
Kemp Aero Products, Div.-Kemp Inc.
Koehler Aircraft Products Co., Inc.

Lear, Inc.
\*\*WALLACE O. LEONARD, INC.
Marquardt Aircraft Co.
Minneapolis-Honeywell Regulator Co., Aeronautical Div. nautical Div. Minneapolis Honeywell Regulator Co., Indust.

Div.

Northam Electronics, Inc.

Patterson, Moos Div.-Universal Winding Co., Inc. Research Controls

Research Controls
Scientrific Instrument Co.
Servomechanisms, Inc.
Systron Corp.
Tactair Valve Div. Aircraft Products Co.
\*\*UNITED AIRCRAFT PRODUCTS, INC.
U. S. Gauge Div., American Machine & Metals, Inc.

Inc.
Inc.

\*VALCOR ENGRG. CORP.

Vap-Air Div., Vapor Heating Corp.

Vickers Inc., Div.-Sperry Rand

Waldorf Instrument Co., Div.-F. C. Huyck & Sons Whittaker Controls, Div. Telecomputing Corp.

#### Reactor, Nuclear

American Electronics, Inc.
CDC Control Services, Inc.
CDC Control Services, Inc.
Consolidated Controls Corp.
General Electric Co., Apparatus Sales Div.
Leeds & Northrup Co.
Nuclear Corp. of America, Inc.
Progressive Research & Development Co., Inc.
Radiation Counter Labs., Inc.
Radiation Instrument Development Laboratory,
Inc. Inc. Solar Aircraft Co Stanley Aviation Corp.
Telectro Industries Corp.
Thompson Products, Inc.
United Shoe Machinery C

United Shoe Machinery Corp.
\*WESTINGHOUSE ELECTRIC CORP.

#### Smoke & Combustion, Electronic

CDC Control Services, Inc. CDC Control Services, Inc.
Electronic Control Corp.
Electronics Corp. of America
Ess Instrument Co.,
General Electric Co., Apparatus Sales Div.

\*KAHN & CO., INC. Leeds & Northrup Co. Telectro Industries Corp.

#### Smoke Density

Autotron, Inc.
CDC Control Services, Inc.
Electric Eye Equipment Co.
Electronic Control Corp.
Electronic Sorp. of America
Ess Instrument Co.
General Electric Co., Apparatus Sales Div.
Nuclear Corp. of America, Inc.
Systron Corp.

#### Speed

\*AC SPARK PLUG DIV., GENERAL MOTOR CORP.
Aeronautical & Instrument Div., Robertshaw-Fulton
Controls Co.
Aerotec Corp., The
American Electronics, Inc., Data-Tronics Div.
Bowmar Instrument Corp.
CDC Control Services, Inc.
Chandler-Evans, Div.-Pratt & Whitney Co., Inc.
Clark Electronic Laboratories
Consolidated Controls Corp.
\*EASTERN INDUSTRIES, INC.
General Railway Signal Co.
\*KAHN & CO. INC.

General Railway Signal Co.

KAHNA E CO., INC.

Kolsman Instrument Corp., Sub. Standard Coil Products Co. Inc.
Leeds & Northrup Co., Marquardt Aircraft Co.
Minneapolis-Honeywell Regulator Co., Aeronautical Div.

Potter Aeronautical Corp. Servomechanisms, Inc.
Systron Corp.
Telectro Industries Corp.
Telectro Industries Corp.
Teleflex Inc.

Ultradyne, Inc. Uniwave, Inc. Varo Mfg. Co. Uniwave, Inc. Varo Mfg. Co. Wacline, Inc. Waugh Engrg. Co.

Baldwin-Lima-Hamilton Corp., Electronics & Instrumentation Divs.
CDC Control Services, Inc.
Clark Electronic Laboratories
Columbia Research Labs.
Consolidated Avionics Corp.
Systron Corp. Systron Corp.
Telectro Industries Corp.
Temperature, Electronic
Ultradyne, Inc.
Advanced Electronics, Inc.
Advanced Electronics, Corp.
American Electronics, Inc.
American Electronics, Inc., Data-Tronics Div.
Atlantic Instrument Corp., Sub.-American Electronics Atlantic Instrument Corp., Sub. American Electronics, Inc.
Barber-Colman Co.
Briggs Associates, Inc.
CDC Control Services, Inc.
Cardinal Instrumentation Corp.
Consolidated Avionics Corp.
Devco Engrg. Inc.
\*\*EASTERN INDUSTRIES, INC.\*\*
Thomas A. Edison Ind., Instrument Div. McGraw-Edison Co.
Electronic Control Corp.
Electronic Control Corp.
Electronic Processes Corp. of California
Fenwal Inc.

\*GARRETT CORP., THE, AIRESEARCH MFG. DIVS.

\*GARRETT CORP., THE, AIRESEARCH MFG. DIVS. General Controls Co.
Hagan Chemicals & Controls, Inc.
E. Vernon Hill & Co.
Illinois Testing Laboratories, Inc.
North Atlantic Industries, Inc.
\*KAHN & CO., INC.
Leeds & Northrup Co.
Lumen, Inc.
Metals & Controls Corp.
Minneapolis-Honeywell Regulator Co., Aeronautical Div tical Div. Minneapolis Honeywell Regulator Co., Indust. Div. Philadelphia Scientific Glass Co. Resdel Engrg. Corp. Systron Corp. T.C Div., Dyna-Empire, Inc. Telectro Industries Corp. Thermo Electric Co., Inc.

\*\*UNITED AIRCRAFT PRODUCTS, INC. United Control Corp. Vap-Air Div., Vapor Heating Corp.

#### Turbidity

Baird Atomic, Inc. CDC Control Services, Inc. Clark Electronic Laboratories Devco Engrg. Inc. Ess Instrument Co.

#### Vacuum

Aerotec Corp., The American Electronics, Inc., Data-Tronics Div. Aro Equipment Corp., The Barton Instrument Corp. CDC Control Services, Inc. Clark Electronic Laboratories Consolidated Controls Corp. Consolidated Electrodynamics Corp.

\*CORNELIUS CO., THE
Henry G. Dietz Co., Inc., The
Ellison Draft Gage Co.
General Electric Co., Apparatus Sales Div.
Green Rectifier Co.
High Vacuum Equipment Corp.

High Vacuum Equipment Corp.

JANITROL AIRCRAFT DIV.-SURFACE COMBUSTION CORP.

Kemp Aero Products, Div.-Kemp Inc.
Koehler Aircraft Products Co., Inc.
Minneapolis-Honeywell Regulator Co., Aeronautical Div.

NRC Equipment Corp.
Processes & Instruments

Process & Instrument Co. Scientific Instrument Co. Tactair Valve Div.-Aircraft Products Co. U. S. Gauge Div., American Machine & Metals, Inc.

Vacuum Tube Products Co. Inc. Veeco Vacuum Corp.

#### CONVERTERS, LIQUID OXYGEN

Air Products, Inc. Air Reduction Sales Co., Div.-Air Reduction Co., Air Reduction sales Co., Inc.
Airborne Research & Development Corp.
Aro Equipment Corp., The
Cromer Mig. & Engrg., Inc.
D K Mig. Co.

\*GARRETT CORP., THE, AIRESEARCH MFG. DIVS. Herrick L. Johnston, Inc., Pioneer-Central Div., Bendix Aviation Corp. Ronan & Kunzl Inc., Cryogenic Div. \*RYAN INDUSTRIES

Stearns-Roger Mfg. Co.

#### COOLANTS

Esso Standard Oil Co. Turco Products, Inc. White & Bagley Co., The

#### COOLERS, OIL

Auto-Control Labs., Inc. Dunham-Bush Inc. \*GARRETT CORP., THE, AIRESEARCH MFG. DIVS. \*UNITED AIRCRAFT PRODUCTS, INC.

#### CORES, TOROIDAL

Advance Industries, Inc.
Alden Products Co.
Arnold Engrg. Co., The
Morris Bean & Co.
G-L Electronics Co., Inc.
General R.F Fittings, Inc.
Portland Copper & Tank Works Inc.
D. M. Steward Mfg. Co.
Varo Mfg. Co.
Varo Mfg. Co. \*WESTINGHOUSE ELECTRIC CORP.

#### COUPLINGS

Aeroquip Corp. American Brass Co., American Metal Hose Div. American Flexible Coupling Div., Zurn Industries, Inc.
Arrowhead Products, Div.-Federal-Mogul-Bower Arrowhead Products, Div.-Federal-Mogul-Bower Bearings, Inc.
Birnbach Radio Co., Inc.
Dumont Aircraft Fitting Co.
Enflo Corp.
Federal Machine Co. Inc.
Harman Equipment Co.
\*JANIROL AIRCRAFT DIV.-SURFACE COMBUSTION CORP.
Walter K. Jaros, Aircrafters
E. F. Johnson Co.
Kerns Mfg. Corp.
Lear, Inc.

Kerns Mfg. Corp.
Lear, Inc.
Lovejoy Flexible Coupling Co.
National Utilities Corp.
Sier-Bath Gear & Pump Co., Inc.
Snap-Tite, Inc.
Specialty Products Corp.
Stainless Steel Products, Inc.
Tithflow Learning Steel Products, Inc. Titeflex, Inc. Weatherhead Co., The

#### Flexible

Aeroquip Corp.
American Brass Co., American Metal Hose Div.
American Flexible Coupling Div., Zurn Industries, Arrowhead Products, Div.-Federal-Mogul-Bower Bearings, Inc. Atlantic Instrument Corp., Sub.-American Elec-Bearings, Inc.
Atlantic Instrument Corp., Sub.-American Electronics, Inc.
Chain Belt Co.
Chicago Gasket Co.
Consolidated American Services, Inc.
D K Mfg. Co.
Dial Products Co.
Eco Engrg. Co.
Enflo Corp.
General Components Inc.
B. F. Goodrich Aviation Products
Walter K. Jaros, Aircrafters
E. F. Johnson Co.
Kerns Mfg. Corp.
Koppers Co., Inc., Metal Products Div.
Oerlikon Tool & Arms Corp. of America
Pic Design Corp., Sub-Benrus Watch Co., Inc.
Reflectone Corp., The
Renbrandt, Inc.
Rodney Metals Inc.
Sier-Bath Gear & Pump Co., Inc.
Snap-Tite, Inc.
Southwest Products Co.
Stainless Steel Products, Inc.
Titeflex, Inc.
Vemaline Products Co.
Weatherhead Co., The

#### Hydraulic

Aeroquip Corp.
American Brass Co., American Metal Hose Div.
American Flexible Coupling Div., Zurn Industries, Bearings, Inc.
Auto-Control Labs, Inc.
Avica Corp.
Clark Equipment Co.
Conax Corp.
Conax Corp.
Season Inc.
\*\*Exercite Auto-Life Co., The
Essex Mfg. Co., Inc.
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#### Rigid

Aeroquip Corp. Amatom Electronic Hardware Co. Inc. American Flexible Coupling Div., Zurn Industries, American Flexible Coupling Div., Zurn Industries, Inc.
Inc.
Arrowhead Products, Div.-Federal-Mogul-Bower Bearings, Inc.
Dumont Aircraft Fitting Co.
Enflo Corp.
\*\*JANIROL AIRCRAFT DIV.-SURFACE COMBUSTION CORP.
E. F. Johnson Co.
Kerns Mfg. Corp.
Loveloy Flexible Coupling Co.
Sier-Bath Gear & Pump Co. Inc.
Turbo Products, Inc.
Weatherhead Co., The

Shaft

Amatom Electronic Hardware Co. Inc. American Flexible Coupling Div., Zurn Industries, Inc. Birnbach Radio Co., Inc. Birnbach Radio Co., Inc.
Enflo Corp.
Hupp Aviation Co.
E. F. Johnson Co.
Lear, Inc.
Pic Design Corp., Sub-Benrus Watch Co., Inc.
Sier-Bath Gear & Pump Co., Inc.
Vemaline Products Co.

Shaft, Reducers & Extensions

American Flexible Coupling Div., Zurn Industries, Inc.
Birnbach Radio Co., Inc.
General Components Inc.
Hupp Aviation Co.
Lovejoy Plexible Coupling Co.
Sier-Bath Gear & Pump Co., Inc.

Shaft, Rigid & Flexible

Accurate Electronics Corp., Dept. D American Flexible Coupling Div., Zurn Industries, American Flexible
Inc.
Inc.
Birnbach Radio Co., Inc.
Dial Products Co.
Goe Engrg. Co.
E. F. Johnson Co.
Kerns Mfg. Corp.
Lear, Inc.
Design Corp., Sub-B. Lear, Inc. Pic Design Corp., Sub-Benrus Watch Co., Inc. Stainless Steel Products, Inc.

Aeroquip Corp. American Flexible Coupling Div., Zurn Industries, Inc.
Arrowhead Products, Div.Federal-Mogul-Bower
Bearings, Inc.
Avica Corp.
Conax Corp. \*COOPER DEVELOPMENT CORP.

\*COPER DEVELOPMENT CORP.
Coming Glass Works
Dumont Aircraft Fitting Co.
Freeman Co., The
Harman Equipment Co. The
Harman Equipment Co. The
\*JANIROL AIRCRAFT DIV.—SURFACE COMBUSTION CORP.
Parker-Hannifin Corp.
Parker-Hannifin Corp.
Progressive Research & Development Co., Inc.
Specialty Products Corp.
Stainless Steel Products, Inc.
Turbo Products, Inc.
Turbo Products, Inc.
Vibra Seal Corp.
Weatherhead Co., The

#### COVERS, COMBUSTION CHAMBER

CHAMBER

American Welding & Mfg. Co., The Bridgwater Machine Co. Eaton Mfg. Co., Inc., Fredric Flader Div. Continental Diamond Fibre Corp., Sub.—The Budd Co. Hupp Aviation Co. Joclin Mfg. Co. Kelsey-Hayes Co. \*LAVELLE AIRCRAFT CORP. \*LYCOMING DIV., AVCO MFG. CORP. Ryan Aeronautical Co. Smith-Morris Corp. Stainless Steel Products, Inc. Thompson Products, Inc. Thompson Products, Inc. Wagner Awning & Mfg. Co., The Warren Mfg. Div., Warren Brothers Roads Co. Wright Aeronautical Div., Curtiss-Wright Corp.

#### CRYSTALS, SAPPHIRE

Bios Labs., Inc. O & S Research, Inc. Swiss Jewel Co.

#### CYLINDERS. AIR

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ELECTROL INC.
Engelberg Huller Co., Inc.
Harrisburg Steel Co.
Hydra-Power Corp.
Kelsey-Hayes Co.
Walter Kidde & Co., Inc., Aviation Div.
Ortman-Miller Machine Co. Inc.,
Pacific Div.—Bendix Aviation Corp.
Petch Mfq. Co.
Perssed Steel Tank Co.,
Wells Industries Corp.

### CYLINDERS, COMPRESSED GAS

Aro Equipment Corp., The Carter Controls, Inc.
Eaton Mfg. Co., Inc., Fredric Flader Div.
Food Machinery & Chemical Corp., Ordnance

Div.
Harrisburg Steel Co.
Herrick L. Johnston, Inc.
\*KAHN & CO., INC.
Kelsey-Hayes Co.
Walter Kidde & Co., Inc., Aviation Div.
Menasco Mfg. Co.
Portland Copper & Tank Works Inc.
Pressed Steel Tank Co.
Wells Industries Corp.

#### CYLINDERS, ROCKET ENGINE

\*AMERICAN MACHINE & FOUNDRY CO. American Rocket Co. Carter Controls, Inc.

\*COOPER DEVELOPMENT CORP.

\*\*EDIVERSEY ENGRG. CO

Eaton Mfg. Co., Inc., Fredric Flader Div.
Federal Machine Co. Inc.
Finn Aeronautical Div., T. R. Finn & Co., Inc.
Food Machinery & Chemical Corp., Ordnance

Obliver Aircraft Corp.
Harrisburg Steel Co.
Kelsey-Hayes Co.
Menasco Mig. Co.
Portland Copper & Tank Works Inc.
Pressed Steel Tank Co.
Reaction Motors, Inc.
Republic Aviation Corp., Guided Missiles Div.
Resdel Corp.
Ryan Aeronautical Co.
Thompson Products, Inc.
Wheland Co., The
Wright Aeronautical Div., Curtiss-Wright Corp.

#### DAMPERS, CONTROL

Aeronautical & Instrument Div., Robertshaw-Ful-ton Controls Co. Clemco Aero Products, Inc. Cleveland Pneumatic Tool Co., The, Div.—Cleve-land Pneumatic Industries, Inc. G. M. Dykes Iron Works, Inc.

\*HOUDAILLE INDUSTRIES, INC., BUFFALO HY-DRAULICS DIV. Lyndon Aircraft, Inc., Minneapolis-Honeywell Regulator Co., Aeronau-tical Div. tical Div.
Ozone Metal Products Corp.
Republic Aviation Corp., Guided Missiles Div.
Sesco Mfg., Inc.
Waldorf Instrument Co., Div.—F. C. Huyck &

#### DAMPERS, PULSATION

Auto-Control Labs., Inc.
Clemco Aero Products, Inc.
Cleveland Pneumatic Tool Co., The, Div.—Cleveland Pneumatic Industries, Inc.
Consolidated Controls Corp.

Consolidated Controls Corp.

\*\*HOUDAILLE INDUSTRIES, INC., BUFFALO HY-DRAULICS DIV.\*\*
International Aerocoustics Corp. Lyndon Aircraft, Inc., Ozone Metal Products Corp. Parker-Hannifin Corp.

Waldorf Instrument Co., Div.—F, C. Huyck & Sons

#### DAMPERS, VIBRATION & SHIMMY

Aeronautical & Instrument Div., Robertshaw-Fulton Controls Co. Clemco Aero Products, Inc. Cleveland Pneumatic Tool Co., The, Div.—Cleveland Pneumatic Industries, Inc. Continental Diamond Fibre Corp., Sub.—The Budd Co.
Finn Aeronautical Div., T. R. Finn & Co., Inc.

General Cable Corp.
Gray & Huleguard Inc.
HOUDAILLE INDUSTRIES, INC., BUFFALO HYDRAUBICS DIV.
Hydra-Power Corp.
Lyndon Aircraff, Inc.
Menasco Mig. Co.
Nopco Chemical Co.
Ozone Metal Products Corp.
Raybestos-Manhatten, Inc.
Rubbercraft Corp. of California
Sesco Mig., Inc.
Titeflex, Inc.
United Mig. Co., The
Waldorf Instrument Co., Div.—F. C. Huyck &
Sons

#### DETECTORS, DETONATION

Atlantic Research Corp. Telectro Industries Corp. Ultradyne, Inc.

#### DETECTORS, FLAW & DEFECT, ELECTRONIC

Air Logistics Corp. American Electronics, Inc. General Electric Co., Apparatus Sales Div.

#### DIAPHRAGMS, JET ENGINE

Bendix Products Div., Bendix Aviation Corp. Chicago-Allis Mfg. Corp., Christie Machine Works Continental Diamond Fibre Corp., Sub.—The Budd Co,
Houston Fearless Corp,
Hupp Aviation Co,
Joclin Mfg. Co.
\*LYCOMING DIV., AYCO MFG. CORP.
Portland Copper & Tank Works Inc.
Reeves Brothers Inc., Vulcan Rubber Products Div. Ryan Aeronautical Co. Thompson Products, Inc.
Turbo Products, Inc.
Turbo Products, Inc.
Warren Mig, Div., Warren Brothers Roads Co.
\*WESTINGHOUSE ELECTRIC CORP.
Wright Aeronautical Div., Curtiss-Wright Corp.

### DIAPHRAGMS, JET ENGINE NOZZLE Bendix Products Div., Bendix Aviation Corp. Continental Diamond Fibre Corp., Sub.—The

Continental Diamond Fibre Corp.,
Budd Co.,
Haynes Stellite Co., Div.—Union Carbide Corp.
Houston Fearless Corp.
Hupp Aviation Co.,
Joclin Mfg. Co.,
Kerns Mfg. Corp.
\*LYCOMING DIV., AVCO MFG. CORP.
Portland Copper & Tank Works Inc.
Reeves Brothers Inc., Vulcan Rubber Products
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Ryan Aeronautical Co.
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Turbo Products, Inc.,
Warren Mfg. Div., Warren Brothers Roads Co.
\*WESTINGHOUSE ELECTRIC CORP.
Wright Aeronautical Div., Curtiss-Wright Corp.

#### DIE CASTINGS

American Car & Foundry Div., ACF Industries, American Car & Foundry VIII.
American Car & Foundry VIII.
Inc.
Bendix Foundries, Bendix Aviation Corp.
Bendix Products Div., Bendix Aviation Corp.
Dale Products, Inc.
Dow Chemical Co., The
Electric Auto-Lite Co., The
Hampden Brass & Aluminum Co.
Hydro Molding Co. Inc.
P. R. Mallory & Co. Inc.
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Stewart-Warner Corp.
Titan Metal Mfg. Co.
United Mfg. Co., The

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American Car & Foundry Div., ACF Industries, Inc.
Basic Tool Industries, Inc.
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Bergen Carbide Co.
Carning Glass Works
\*\*DIVERSEY ENERG. CO.
Electric Auto-Life Co., The
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Walter K. Jaro, Aircrafters
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Metal Masters, Inc.
Progressive Research & Development Co., Inc.
Spincraft, Inc.
Technical Oil Tool Corp.
Thompson Products, Inc.
Twix Mfg. Co., Inc.
Western Arc Welding, Inc.

#### DIFFUSERS, GAS TURBINE ENGINE

DIFFUSERS, GAS TURBINE ENGINE

Airborne Research & Development Corp.

American Welding & Mfg. Co., The

Amplex Div.—Chrysler Corp.

Bendix Products Div., Bendix Aviation Corp.

Eaton Mfg. Co., Inc., Fredric Flader Div.

General Sound Control, Inc.

Herlo Engrg. Corp.

Houston Fearless Corp.

Hupp Aviation Co.

Kaiser Aircraft & Electronics Div.—Kaiser Industries Corp.

\*LYCOMING DIV., AVCO MFG. CORP.

\*Portland Copper & Tank Works Inc.

\*RHEEM MFG. CO., AIRCRAFT DIV.

Ryan Aeronautical Co.

Spincraft, Inc.

\*WESTINGHOUSE ELECTRIC CORP.

\*Wright Aeronautical Div., Curtiss-Wright Corp.

DISCONNIECTS. CONTROLL

#### DISCONNECTS, CONTROL **SYSTEMS**

SYSTEMS

Aeronautical & Instrument Div., Robertshaw-Fulton Controls Co.
Aeroquip Corp.
Aerotec Corp., The
Airborne Research & Development Corp.
Beckman & Whitley, Inc., Missile Products Div.
Bendix Products Div., Bendix Aviation Corp.
Burndy Corp., Omaton Div.
Clemco Aero Products, Inc.
Coaxial Connector Co. Inc.
Futurecraft Corp.
\*\*HYDROMATICS, INC.
McCormick Selph Associates
Scintilla Div., Bendix Aviation Corp.
Telectro Industries Corp.
Thompson Products, Inc.
Titeflex, Inc.
Weatherhead Co., The

#### DISCONNECTS, IGNITION SYSTEMS

Airborne Research & Development Corp.
Alden Products Co.
Beckman & Whitley, Inc., Missile Products Div.
Bendix Products Div., Bendix Aviation Corp.
Burndy Corp., Amaton Div.
Hallett Mig. Co.
McCormick Selph Associates
Scintilla Div., Bendix Aviation Corp.
Stanley Aviation Corp.
Telectro Industries Corp.
Tlompson Products, Inc.
Titeflex, Inc.

#### DISSIPATORS, HEAT

Amplex Div.-Chrysler Corp.
Chandler-Evans, Div.-Pratt & Whitney Co., Inc.
\*GARREIT CORP., THE, AIRESEARCH MFG. DIVS.
Telectro Industries Corp.
Trane Co., The
\*UNITED AIRCRAFT PRODUCTS, INC.

#### DISTRIBUTORS, FUEL

Bendix Products Div., Bendix Aviation Corp. Waldorf Instrument Co., Div.-F. C. Huyck & Sons

#### DISTRIBUTORS, IGNITION

Electric Auto-Lite Co., The Scintilla Div., Bendix Aviation Corp. Telectro Industries Corp.

#### DRIVES, TORQUE TUBE

American Flexible Coupling Div., Zurn Industries, Inc. Western Arc Welding, Inc.

#### DROP FORGINGS

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\*BILLINGS & SPENCER CO., THE
Bridgeport Brass Co.
Capewell Mfg. Co.
Columbus Bolt & Forging Co.
G. M. Dykes Iron Works, Inc.
Endicott Forging & Mfg. Co., Inc.
General Railway Signal Co.
Kaiser Aluminum & Chemical Sales, Inc.
Kelsey-Hayes Co.
Ladish Co.
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Steel Improvement & Forge Co., The
Thompson Products, Inc.
Transue & Williams Steel Forging Corp.
United Mfg. Co., The

United Shoe Machinery Corp.
Utica Drop Forge & Tool Div.-Kelsey Hayes Co.
\*WESTINGHOUSE ELECTRIC CORP.
J. H. Williams Co.
Winchester-West. Div.-Olin Mathieson Chem.

#### DUCTS, EXHAUST

ACF Industries, Inc., Advanced Products Div.
Aircraft Mechanics, Inc.
American Brass Co., American Metal Hose Div.
American Brass Co., American Metal Hose Div.
American Welding & Mfg. Co., The
Arrowhead Products, Div.-Federal-Mogul-Bower
Bearings, Inc.
Associated Co., Inc.
Avica Corp.,
Basic Tool Industries, Inc.
Beaton & Corbin Mfg. Co., The
Calcor Corp., Aircraft Div.
Continental Diamond Fibre Corp., Sub.-The
Budd Co. Continental Diamond Fibre Corp., Sub.-The Budd Co.
Cromer Mfg. & Engrg., Inc.
Flexaust Co., The
Henry & Miller Industries, Inc.
Herlo Engrg. Corp.
Houston Fearless Corp.
Hupp Aviation Co.,
Kaiser Aircraft & Electronics Div.-Kaiser Industries Corp.
Kelsey-Hayes Co.

Kelsey-Hayes Co.

\*LAVELLE AIRCRAFT CORP.
Marquard Aircraft Co.
New England Tape Co., Inc.
Parish Pressed Steel, Div.-Dana Corp.
Penn-Michigan Mg. Corp.
Portland Copper & Tank Works Inc.
Republic Aviation Corp., Guided Missiles Div.
Rohr Aircraft Corp.
Ryan Aeronautical Co.
Smith-Morris Corp.
Stainless Steel Products, Inc.
Thieblot Aviation Co., Div.-Vitro Corp. of
America
Thompson Products, Inc.
Titellex, Inc.

Thompson Products, Inc.
Titeflex, Inc.
\*C. W. TORNGREN CO. INC.
\*VUNITED AIRCRAFT PRODUCTS, INC.
United Mfg. Co., The
Universal Metal Products Inc.
Wayne Foundry & Stamping Co.
Weber Aircraft Corp.
Western Arc Welding, Inc.
Winder Aircraft Corp. of Fla.

#### DUCTS, FLEXIBLE & COMPRESSIBLE

Arrowhead Products, Div.-Federal-Mogul-Bower Bearings, Inc.
Avica Corp.
Basic Tool Industries, Inc.
Beaton & Corbin Mrg. Co., The
California Aircraft Products
Connecticut Hard Rubber Co., The
D K Mrg. Co.
C. R. Daniels, Inc.
Flexust Co., The C. R. Daniels, Inc.
Flexaust Co. The
Flexible Metal Hose Mfg. Co.
Flexonics Corp.
New England Tape Co. Inc.
Rohr Aircraft Corp.
Rubbercraft Corp. of California
Ryan Aeronautical Co.
Southwest Products Co.
Southwest Products, Inc.
TA Mfg. Corp.
Thompson Products, Inc.
Titeflex, Inc.
Wagner Awning & Mfg. Co., The
Winder Aircraft Corp. of Fla.

#### DUCTS, NON FLEXIBLE

Aircraft Mechanics, Inc. Americant Corp.

Amercoat Corp.

\*AMERICAN TUBE BENDING CO., INC.
Arrowhead Products, Div.-Federal-Mogul-Bower
Bearings, Inc.
Basic Tool Industries, Inc.
Beaton & Corbin Mfg. Co., The
Continental Diamond Fibre Corp., Sub.-The
Budd Co.
Cromer Mfg. & Engrg., Inc.
D K Mfg. Co.
Flexible Metal Hose Mfg. Co.
Flexible Metal Hose Mfg. Co.
Flexible Metal Hose Mfg. Co.
Kaiser Aircraft & Electronics Div.-Kaiser Industries Corp.

\*AVELLE AIRCRAFT CORP

dustries Corp.

\*LAVELLE AIRCRAFT CORP.
New England Tape Co., Inc.
Plastic Age Sales, Inc.
Portland Copper & Tank Works Inc.
Republic Aviation Corp., Guided Missiles Div.
Rohr Aircraft Corp.
Ryan Aeronautical Co.
Smith-Morris Corp.
Solar Aircraft Co.
Stainless Steel Products, Inc.
Thieblot Aviation Co., Div.-Vitro Corp. of
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Thompson Products, Inc.

Turbo Producis, Inc.
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Universal Metal Products Inc.
Weber Aircraft Corp.
Winder Aircraft Corp. of Fla,
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#### DYNAMOTORS

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Joe Davidson & Associates
W. C. Dillon & Co., Inc.
Eicor Div.-F. L. Jacobs Co.
Electric Auto-Life Co., The
General Electric Co., Apparatus Sales Div.
Hammett Electric Co.

\*INTERELECTRONICS CORP. Motordyne Inc.
Propulsion Research Corp.
Small Motors Inc.
Talley Corp., The
Telectro Industries Corp. \*WESTINGHOUSE ELECTRIC CORP.

#### ELECTROPLATING EQUIPMENT

Aerodex, Inc. Green Rectifier Co. Hammett Electric Co. George L. Nankervis Co. Sel-Rex Corp. \*WESTINGHOUSE ELECTRIC CORP.

#### EMBEDDED ASSEMBLIES

EMBEDDED ASSEMBLIES

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Advanced Electronics, Inc.
Advanced Electronics Corp.
Airflyte Electronics Corp.
Airflyte Electronics Corp.
Allied Engraving & Stamping Co.
Bacon Industries, Inc.
Cleveland Metal Specialties Co.
\*COOPER DEVELOPMENT CORP.
Dale Products, Inc.
Dwyer Engrg. Co., Inc.
Electronic Techniques, Inc.
First Electronics Corp., The
La Pointe Industries Inc.
Precision, Inc.
Precision, Inc.
Sohl Co., The
Telectro Industries Corp.
Tempo Instrument Inc.
Topper Mfg. Co., Inc.
Tueson Instrument Corp.
Ultradyne, Inc.
Uniwave, Inc.

#### ENGINE ACCESSORIES & COMPONENTS

COMPONENTS

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\*\*AMERICAN MACHINE & FOUNDRY CO. American Tool Co.

Applied Dynamics Corp.

Atlantic Instrument Corp., Sub.-American Electronics, Inc.

Beston & Corbin Mfg. Co., The

Bendix Products Div., Bendix Aviation Corp.

Chandler-Evans, Div., Proti & Whitney Co., Inc.

Christie Machine Works

\*\*DIVERSEY ENGRG. CO.

Dynamic Controls Corp.

Engineered Products Co., The

Essex Mfg. Co., Inc.

Federal Machine Co. Inc.

Foofe Brothers Gear & Machine Corp.

\*\*GARREIT CORp., The AIRESEARCH MFG. DIVS.

General Sound Control, Inc.

\*\*HARTFORD MACHINE SCREW CO., DIV.\*

STANDARD SCREW CO.

Hicks Corp., The

Hupp Aviation Co.

Walter J. Hyaft Co., The

Joclin Mfg. Co.

Kerns Mfg. Cop.

Reaction Moots Inc.

\*\*PHOENIX PRODUCTS CO.

Reaction Moots Inc.

\*\*PHEENIX MEG. Cap.

\*\*PHEENIX MFG. AND CO. A BEPRAET DIV.

Parker Aircraft Co.
\*PHOENIX PRODUCTS CO.
Reaction Motors, Inc.
\*RHEEM MFG. CO., AIRCRAFT DIV.
Ryan Aeronautical Co.
Smith-Morris Corp.
Solar Aircraft Co.
\*STAINLESS PROCESSING DIV., WALL COLMONY

CORP.
A. U. Stone & Co., Inc.,
Sundstrand Aviation, Div.-Sundstrand Machine
Tool Co.
Sundstrand Turbo Div., Sundstrand Machine Tool Co.
T-C Div., Dyna-Empire, Inc.
Telectro Industries Corp.
Thompson Products, Inc.

Turbo Products, Inc. \*VALCOR ENGRG. CORP.

dori Instrument Co., Div.-F. C. Huyck & Sons \*WESTINGHOUSE ELECTRIC CORP.

#### ENGINE CONTROL SYSTEMS. AUTOMATIC

AUTOMATIC
Air Logistics Corp.
American Electronics, Inc., Data-Tronics Div.
American Electronics, Inc., Data-Tronics Div.
Autonetics Div., North American Aviation, Inc.
Bend Products Div., Bendix Aviation Corp.
B ags Associates, Inc.
CDC Control Services Inc.
Cod Lac Gage Co.
Chand er-Evans Div.-Pratt & Whitney Co., Inc.
Cytler-Hammer Inc.
Dynamic Controls Corp.
Fenwa Inc.

Fenwa Inc. \*GARREIT CORP., THE, AIRESEARCH MFG. DIVS. \*GREER HYDRAULICS, INC. Hallamore Electronics Co. Hoose' Electric Co.

Hove Electric Co.

\*KAHN & CO., INC.
Librascope Inc.
Marquardt Aircraft Co.
Minneapolis-Honeywell Regulator Co., Aeronauica Div.
Palameter Inc.
Reaction Motors, Inc.
Reid Metal Products, Inc.
Servomechanisms, Inc.
Skiatron Electronics & Television Corp.
Solar Aircraft Co.
Telectro Industries Corp.
Thompson Products, Inc.
U. S. Gauge Div., American Machine & Metals, Inc.
Jnc.

Waldorf Instrument Co., Div.-F. C. Huyck & Sons Wright Aeronautical Div., Curtiss-Wright Corp.

#### ENGINE CONTROLS. MECHANICAL & VACUUM

Aero Supply Mig. Co., Inc.
All American Aircraft Products, Inc.
Bendix Products Div., Bendix Aviation Corp.
Chandier-Evans, Div.-Fratt & Whitney Co., Inc.
Essey Mig. Co., Inc.
\*GARRETT CORP., THE, AIRESEARCH MFG. DIVS.
\*GREER HYDRAULICS, INC. \*KAHN & CO., INC. Lyndon Aircraft, Inc.

Lyndon Aircraft, Inc.
Minneapolis-Honeywell Regulator Co., Aeronautical Dv.
Ozone Metal Products Corp.
Parker Aircraft Co.
Reid Metal Products, Inc.
Servomechanisms, Inc.
Solar Aircraft Co.
Southwest Products Co.
Telectro Industries Corp.
Telectro Industries Corp.
Telectro Lyndon Products, Inc.
U. S. Gauge Div., American Machine & Metals, Inc. Waldorf Instrument Co., Div.-F. C. Huyck & Sons Western Arc Welding, Inc.
Whittaker Controls, Div.-Telecomputing Corp.

#### ENGINES

Amer can Welding & Mfg. Co., The Continental Aviation & Engrg. Corp.
\*DIVERSEY ENGRG. CO.

B. F. Goodrich Aviation Products
Eaton Mfg. Co. Inc., Fredric Flader Div.
\*GARRETT CORP., THE, AIRSEARCH MFG. DIVS.
\*LYCOMING DIV., AVCO MFG. CORP.

#### Auxiliary Jet

Aukilial y Ger American Rocket Co. American Welding & Mfg. Co., The Continental Aviation & Engrg. Corp. Eaton Mfg. Co., Inc., Fredric Flader Div. \*LYCOMING DIV., AVCO MFG. CORP. Solar Aircraft Co. Stratos Div.-Fairchild Engine & Airplane Corp. Wright Aeronautical Div., Curtiss-Wright Corp.

#### Auxiliary Rocket

Auxiliary Rocket

American Rocket Co.

Anderson Greenwood & Co.

Allantic Research Corp.

\*COOPER DEVELOPMENT CORP.

\*DIVERSEY ENGRG. CO.

Eaton Mig. Co., Inc., Fredric Flader Div.

B. F. Goodrich Avistion Products

\*GRAND CENTRAL ROCKET CO.

\*LYCOMING DIV., AVCO MFG. CORP.

McCormick Selph Associates

Merz Engrg., Inc.,

Reaction Motors, Inc.

Redstone Arsenal Research Div. Rohm & Haas Co. Co. Stratos, Div. Fairchild Engine & Airplane Corp. Thompson Products, Inc. Turbo Dynamics Corp. Wright Aeronautical Div., Curtiss-Wright Corp.

Detroit Diesel Engine Div.-General Motors Corp.

#### Gas Turbine

American Welding & Mfg. Co., The Atlantic Research Corp. Continental Aviation & Engrg. Corp. Eaton Mfg. Co., Inc., Fredric Flader Eaton Mig. Co., Inc., Fredric Flader Div.
\*GARREIT CORP., THE, AIRESEARCH MFG. DIVS.
Guided Missile Div. De Havilland Aircraft of
Canada, Ltd.

\*LYCOMING DIV., AVCO MFG. CORP.
Solar Aircraft Co.
Thompson Products, Inc.

WESTINGHOUSE ELECTRIC CORP.
Wright Aeronautical Div., Curtiss-Wright Corp.

#### Nuclear Rocket

Celco-Constantine Engrg. Laboratories Co. Ingersoll Kalamazoo Div., Borg-Warner Corp., Rocketdyne Div., North American Aviation, Inc. Solar Aircraft Co. Turbo Dynamics Corp., Wave Particle Corp.

#### Nuclear Turbine

\*GARRETT CORP., THE, AIRESEARCH MFG. DIVS. Geisler Labry, net, Alresbarken MFG, DIVS.
Rocketdyne Div., North American Aviation, Inc.
Solar Aircraft Co.
Turbo Dynamics Corp.
Wave Particle Corp.

Finn Aeronautical Div., T. R. Finn & Co., Inc. Marquardt Aircraft Co. Solar Aircraft Co.

#### Ramjet

American Welding & Mfg. Co., The
Anderson, Greenwood & Co.
Continental Aviation & Engrg. Corp.
Finn Aeronautical Div., T. R. Finn & Co., Inc.
Marquardt Aircraft Co.
Solar Aircraft Co.
Wright Aeronautical Div., Curtiss-Wright Corp.

#### Rocket

Rocket

American Welding & Mfg. Co., The Atlantic Research Corp.

\*COOPER DEVELOPMENT CORP.

\*DIVERSEY ENGRG. CO.
Eaton Mfg. Co., Inc., Fredric Flader Div.
Finn Aeronautical Div., T. R. Finn & Co., Inc.
G. W. Galloway Co.
Hercules Powder Co.
Hicks Corp., The
Ingersoll Kalamazoo Div., Borg-Warner Corp.
McCormick Selph Associates
Merz. Engrg., Inc.
Oerlikon Tool & Arms Corp. of America
Propellex Chemical Corp.
Reaction Motors, Inc.
Redstone Arsenal Research Div., Rohm & Haas
Co. Co.
Rocketdyne Div., North American Aviation, Inc.
Solar Aircraft Co.
Thompson Products, Inc.
Turbo Dynamics Corp.
Wright Aeronautical Div., Curtiss-Wright Corp.

#### Rocket, Liquid

American Rocket Co.
American Rocket Co.
American Welding & Mfg. Co., The
Eaton Mfg. Co., Inc., Fredric Flader Div.
Finn Aeronautical Div., T. R. Finn & Co., Inc.
Hicks Corp., The
Ingersoll Kalamazoo Div., Borg-Warner Corp. Ingersoll Kalamazoo Div., Borg-Warner Corp.
Merz Engrg, Inc.
Parish Pressed Steel, Div. Dana Corp.
Reaction Motors, Inc.
Rocketdyne Div., North American Aviation, Inc.
Solar Aircraft Co.
Thompson Products, Inc.
Veet Industries
Wright Aeronautical Div., Curtiss-Wright Corp.

#### Rocket, Solid

American Rocket Co.
American Welding & Mfg. Co., The
Anderson, Greenwood & Co.
Atlantic Research Corp.
\*COOPER DEVELOPMENT CORP.

\*DIVERSEY ENGRG. CO.
Eaton Mrg. Co., Inc., Fredric Flader Div.
Finn Aeronautical Div., T. R. Finn & Co., Inc.
G. W. Galloway Co.
B. F. Goodrich Aviation Products
Goodyear Aircraft Corp. \*GRAND CENTRAL ROCKET CO. Hercules Powder Co.

GRAND CENTRAL ROCKET CO.

Hercules Powder Co.

Hicks Corp., The
Ingersoll Kalamazoo Div., Borg-Warner Corp.

Kellett Aircraft Corp.

McCormick Selph Associates
Oerlikon Tool & Arms Corp. of America
Parish Pressed Steel Div. Dana Corp.

Propellex Chemical Corp.

Reaction Motors, Inc.

Redstone Arsenal Research Div., Rohm & Haas

Redstone Arsenal Research Div., Rohm & Haas Co.
Republic Aviation Corp., Guided Missiles Div.
Solar Aircraft Co.
Thompson Products, Inc.
Turbo Dynamics Corp.
Wheland Co., The
Wright 'Aeronautical Div., Curtiss-Wright Corp.

#### EXHAUST ASSEMBLIES

ACF Industries, Inc., Advanced Products Div. Aircraft Mechanics, Inc. American Metal Hose Div. \*AMERICAN MACHINE & FOUNDRY CO. Associated Co., Inc. Beaton & Corbin Mrg. Co., The California Aircraft Products \*COOPER DEVELOPMENT CORP. \*DIVERSEY ENGRG CO. G. M. Dyles Iron Works, Inc. Eaton Mrg. Co., Inc., Fredric Flader Div. Finn Aeronautical Div., T. R. Finn & Co., Inc. General Sound Control. Inc. Henry & Miller, Industries, Inc. Hicks Corp., The Ludwig Honold Mrg. Co. Hupp Aviation Co. Kaiser Aircraft & Electronics Div. Kaiser Industries Corp. Kelsey-Hayes Co. \*\*LYCOMING DIV.

dustries Corp.
Kelsey-Hayes Co.
\*LICCOMING DIV., AVCO MFG. CORP.
Marquard Aircraft Co.
Parish Pressed Steel, Div. Dana Corp.
Penn-Michigan Mfg. Corp.
Portland Copper & Tank Works Inc.
Republic Aviation Corp. Guided Missiles Div.
\*RHEEM MFG. CO., AIRCRAFT DIV.
Rohr Aircraft Corp.
Ryan Aeronautical Co.
Smith-Morris Corp.
Solar Aircraft Co.
Stainless Steel Products, Inc.
Thieblot Aviation Co., Div.-Vitro Corp. of
America
Thompson Products, Inc.

America
Thompson Products, Inc.
\*UNITED AIRCRAFT PRODUCTS, INC.
United Mfg. Co., Inc.
Universal Machine Co., Inc.
Warren Mfg. Div., Warren Brothers Roads Co.
Woolf Aircraft Products, Inc.
Wright Aeronautical Div., Curtiss-Wright Corp.

#### EXHAUST CONES, GAS TURBINE ENGINE

ACF Industries, Inc., Advanced Products Div. American Welding & Mfg. Co., The Bridgwater Machine Co. Continental Diamond Fibre Corp., Sub.-The

Continental Diamond Fibre Corp., Sub.The Budd Co.

\*DIVERSEY ENGRG. CO.
Eaton Mfg. Co., Inc., Fredric Flader Div.
Finn Aeronautical Div., T. R. Finn & Co., Inc.
Hupp Aviation Co.
Kaiser Aircraft & Electronics Div.-Kaiser Industries Corp.
Kelsey-Hauser Co.

Kelsey-Hayes Co.
\*LAYELE AIRCRAFT CORP.
\*LYCOMING DIV., AVCO MFG. CORP.
Marquard Aircraft Co.,
Olympic Plastics Co., Inc.,
Parish Pressed Steel Div.Dana Corp.
Portland Copper & Tank Works Inc.
Pressed Steel Tank Co.,
Republic Aviation Corp., Guided Missiles Div.

REPUBLIC Aviation Corp., Guided Missiles Div.

\*RHEEM MFG. CO., AIRCRAFT DIV.
Rohr Aircraft Corp.
Ryan Aeronautical Co.
Size Control Co.
Smith-Morris Corp.
Solar Aircraft Co.
Thieblot Aviation Co., Div. Vitro Corp. of America Thompson Products, Inc.

TOURDS THE TOURS, INC.

Turbo Products, Inc.

United Mfg. Co., The

Vect Industries

Warren Mfg. Div., Warren Brothers Roads Co.

\*WESTINGHOUSE ELECTRIC CORP.

#### EXHAUST HEAT EXCHANGERS

ACF Industries, Inc., Advanced Products Div. Cromer Mfg. & Engrg., Inc. \*GARRETT CORP., THE, AIRESEARCH MFG. DIVS. Griscom-Russell Co. The Hupp Aviation Co.
\*JANITROL AIRCRAFT DIV.-SURFACE COMBUSTION CORP.
Kaiser Aircraft & Electronics Div.-Kaiser Industries Corp.
Kelsey-Hayes Co.
\*LYCOMING DIV., AVCO MFG. CORP.
Rohr Aircraft Corp.
Ryan Aeronautical Co.
Thompson Products, Inc.
Trane Co., The
\*UNITED AIRCRAFT PRODUCTS, INC.

#### EXHAUST NOZZLES

American Aerophysics Corp. American Car & Foundry Div., ACF Industries,

American Aerophysics Corp.
American Car & Foundry Div., ACF Industries, Inc.
American Welding & Mfg. Co., The
Associated Co., Inc.
Bridgwater Machine Co.
California Aircraft Products
\*CAMERON IRON WORKS, INC.
Christie Machine Works
Continental Diamond Fibre Corp., Sub. The
Budd Co.
\*COOPER DEVELOPMENT CORP.
Corning Glass Works
\*DIVERSEY ENGRG. CO.
Eaton Mfg. Co., Inc., Fredric Flader Div.
Federal Machine Co. Inc.
Feneral Sound Control, Inc.
Finn Aeronautical Div., T. R. Finn & Co., Inc.
General Sound Control, Inc.
Hupp Aviation Co.
Ingersoll Kalamazoo Div., Borg-Warner Corp.
Kaiser Aircraft & Electronics Div.-Kaiser Industries Corp.
Kelsey-Hayes Co.
Lamtex Industries, Inc.
Marquardt Aircraft Co.
Menasco Mfg. Co.
Olympic Plastics Co., Inc.
Parish Pressed Steel, Div.-Dana Corp.
\*PHOENIX PRODUCTS CO.
Portland Copper & Tank Works Inc.
Pressed Steel Tank Co.
Republic Aviation Corp.
Solar Aircraft Corp.
Syan Aeronautical Co.
Size Control Co.
Smith-Morris Corp.
Solar Aircraft Corp.
Solar Aircraft Co.
Turbo Products, Inc.
WC. W. TORNGREN CO., INC.
Turbo Products, Inc.
Waren Mfg. Div., Waren Brothers Roads Co.
Wheland Co., The
Wright Aeronautical Div., Curtiss-Wright Corp.

#### EXTRUSIONS, METALLIC

Aluminum Co. of America American Brass Co., The Ampro Metal, Inc. Babcock & Wilcox Co. Tubular Products Div. Bridgeport Brass Co.

Bridgeport Brass Co.

\*CAMERON IRON WORKS, INC.
Eagle-Picher Co., The
Fromson Orban Co., Inc.
Harvey Aluminum
Kelsey-Hayes Co.
Ladish Co.
Pioneer Aluminum Inc.
Titan Metal Mfg. Co.
Turbo Dynamics Corp.
United Shoe Machinery Corp.
United Shoe Machinery Corp.
Unica Drop Forge & Tool Div.-Kelsey Hayes Co.
Winchester-West. Div.-Olin Mathieson Chem.
Corp.

#### EXTRUSIONS, NON METALLIC

Allied Plastics Supply Corp. American Lava Corp.
Arrowhead Products, Div.-Federal-Mogul-Bower
Bearings, Inc.
Auburn Mfg. Co., The
Clark-Aiken Co., The
Confinental Diamond Fibre Corp., Sub.-The Budd Continental Diamond Fibre Corp., Sub.-The Budd Co. Continental Rubber Works Crystal-X Corp. Dixon Corp. Electric Auto-Life Co., The Enfol Corp. Fluoroca-bon Co. Inc., The Jodee Plastics Co. Raybestos-Manhattan, Inc. Resistoflex Corp. Rex Corp., The Roberts Toledo Rubber Co., The Rubatex Div., Great American Industries Inc. Rubbercaft Corp. of California Varflex Corp.

#### FABRICATORS, POWDERED METAL PARTS

Aluminum Co. of America Amplex Div.-Chrysler Corp. Bergen Carbide Co. Cuno Engrg. Corp., The Alfred Hofmann & Co. Raybestos-Manhattan, Inc.

St. Marys Carbon Co.
Thompson Products, Inc.
S. K. Wellman Co., The
\*WESTINGHOUSE ELECTRIC CORP.

Air-Marine Motors, Inc.
Ashland Electric Products, Inc.
Joe Davidson & Associates
Dean & Benson Research Inc.
G. M. Dykes Iron Works, Inc.
Eaton Mfg. Co., Inc., Fredric Flader Div.
\*GARRETT CORP., THE, AIRESEARCH MFG. DIVS.
Hammett Electric Co.
Joy Mfg. Co.
Master Appliance Mfg. Co.
Motordyne Inc.
Propulsion Research Corp.
Task Corp.
\*WESTINGHOUSE ELECTRIC CORP.

#### **FASTENERS**

Adams Rite Mfg. Co.
Alaminatal Screw Products Co., Inc.
Aluminam Co. of America
American Brass Co., The
Aviation Developments Inc.
Bland Burner Co., The
Boots Aircraft Nut Corp.
Briles Mfg.
Camloc Fastener Corp.
Century Fasteners Corp.
Chase Brass & Copper Co., Inc.
Chicago Screw Co., The, Div.-Standard Screw
Co. Chase Brass & Copper Co., Inc.
Chicago Screw Co., The, Div.-Standar.
Co.
Co.
Columbus Bolt & Forging Co.
J. P. DeVine Mfg. Co.
Dimco-Gray Co.
Dumont Aviation Associates
Elastic Stop Nut Corp. of America
Federal Screw Products Inc.
Hi-Shear Rivet Tool Co.
Walter K. Jaros, Aircrafters
Kasar Mfg. & Distributing Co., Inc.
Kickhaefer Mfg. Co.
Nutt-Shel Co., Reed & Prince Mfg. Co.
Rosan, Inc.
Shur-Lok Corp.
Standard Pressed Steel Co.
Thompson-Bremer & Co.
Torrington Co., The
\*TOWNSEND CO., CHERRY RIVET DIV.
United Shoe Machinery Corp.
Waldom Electronics Inc.
Wrought Washer Mfg. Co.

#### Blind

Aviation Developments Inc. Aviation Developments Inc.
Boots Aircraft Nut Corp.
Brush Nail Expansion Bolt Co.
Century Fasteners Corp.
Dill Mig. Co., The
R. C. Dudek & Co.
Dumont Aircraft Fifting Co.
Dumont Aviation Associates
Elastic Stop Nut Corp. of America
Hi-Shear Rivet Tool Co.
Huck Mig. Co.
Walter K. Jaros, Aircrafters
Shur-Lok Corp.
United Shoe Machinery Corp.

Adams Rite Mfg. Co.
Aviation Developments Inc.
Camloc Fastener Corp.
Century Festeners Corp.
\*COMMERCIAL SHEARING & STAMPING CO.
Dumont Aviation Associates
Walter K. Jaros, Aircrafters
Shaw Metal Products Corp.
Simmonds Aerocessories, Inc.
Stewart-Warner Corp.
United-Carr Fastener Corp.

#### Self-Locking

Abbott Screw & Mfg. Co.
American Standard Products, Inc.
Aviation Developments Inc.
Boots Aircraft Nut Corp.
Camloc Fastener Corp.
\*COMMERCIAL SHEARING & STAMPING CO. COMMERCIAL SHEARING & STAMPI
Corbin Products Div.
Dill Mfg. Co., The
Dimco-Gray Co.
R. C. Dudek & Co.
Dumont Aircraft Fitting Co.
Dumont Aviation Associates
Elastic Stop Nut Corp. of America
Heli-Coil Corp.
Hi-Shear Rivet Tool Co.
Huck Mfg. Co.
Jacobson Nut Mfg. Corp.
Walter K. Jaros, Aircrafters
Kasar Mfg. & Distributing Co., Inc.
Klincher Locknut Corp.
Nut'-Shel Co.
Republic Steel Corp.
Shur-Lok Corp.
Shur-Lok Corp.

Standard Pressed Steel Co. Thompson-Bremer & Co. United-Carr Fastener Corp.

#### SLIDE

Corbin Products Div. Walter K. Jaros, Aircrafters Talon, Inc.

Dumont Aircraft Fitting Co. Dumont Aviation Associates Walter K. Jaros, Aircrafters United-Carr Fastener Corp. Vemaline Products Co.

#### FEED SYSTEMS

Fischer & Porter Co. Milton Roy Co. Thompson Products, Inc.

#### FELT & FELT PARTS

A FELL FARTS
Aero Leather Products Co.
American Felt Co.
Amburn Mfg. Co., The
Booth Felt Co. Inc.
Commonwealth Felt Co.
C. R. Daniels, Inc.
Gasket Mfg. Co. Inc.
General Gasket Inc.
Penn Fibre & Specialty Co., Inc.
Standard Felt Co.

#### FERRIC OXIDES

Columbian Carbon Co., Mapico Color Unit Foote Mineral Co.

#### FERRITES

Farnsworth Electronics Co., Div.-Int'l Telephone Farnsworth Electronics Co., Div.-Int'l Telephone & Telegraph Corp., Ferroxcube Corp. of America General Instrument Corp., Defense Products Div. Walter J. Hyatt Co., The Kearfoft Co., Inc. Magnetic Shield Div.—Perfection Mica Co. D. M. Steward Mfg. Co. Superex Electronics Corp. Thermo Materials, Inc.

#### FIBER GLASS

FIBER GLASS

Aero Leather Products Co.
Allied Plastics Supply Corp.
American Aerophysics Corp.
Arrowhead Products, Div.—Federal-Mogul-Bower
Bearings, Inc.
Abburn Mfg. Co., The
Calfibe Co., Inc.
Duracote Corp.
Eagle-Picher Co., The
Hastings Plastics Inc.
Ideal-Aerosmith, Inc.
Walter Kidde & Co., Inc., Aviation Div.
L. C. F. Glass Fibers Co.
Mast Development Co., Inc.
Seaman Products
William W. Stanley Co. Inc.
H. J. Thompson Fiber Glass Co.
Thompson Products, Inc.
Truxton Industries, Inc.
Varilex Corp.
Warren Wire Co.

## FIBER GLASS REINFORCED

**PLASTICS** Aerolite Electronics Corp.
Air Logistics Corp.
Allied Plastics Supply Corp.
American Aerophysics Corp.
Arrowhead Products, Div.—Federal-Mogul-Bower Bearings, Inc.
Basic Tool Industries, Inc.
Calfibe Co., Inc.
Coleman Engrg. Co., Inc.
Continental Diamond Fibre Corp., Sub.—The Budd Co.
Cordo Molding Products, Inc.
Duracote Corp.
Dwyer Engrg. Co., Inc.
Eagle-Picher Co., The
Electronic Techniques, Inc.
Emerson & Cuming, Inc.
Emerson Plastics Corp.
Food Machinery & Chemical Corp., Ordnance
Div. Aerolite Electronics Corp. Food Machinery & Chemical Corp., On Div.
Pranklin Fibre-Lamitex Corp.
Garrett Corp., The, Air Cruisers Div.
General Plastics Corp. of New Jersey
B. F. Goodrich Aviation Products
Goodyear Aircraft Corp.
Hampden Brass & Aluminum Co.
Hastings Plastics.
Hays Mg. Co.
Ideal-Aerosmith, Inc.
Juclin Mg. Co.
Walter Kidde & Co., Inc., Aviation Div.
Lamtex Industries, Inc.

\*LONE STAR PLASTICS CO. INC.

McMClian Industrial Corp.
Mercury International Industries Inc.
Narmoo Resins & Coatings Co.
New England Laminaries Co., Inc.
O'n Mathieson Chemical Corp., High Energy
Fuels Div.
Olympic Plastics Co., Inc.
Plastic Age Sales, Inc.
Republic Aviation Corp., Guided Missiles Div.
Resdel Corp.
Silicone Insulation, Inc.
Stevens Products, Inc.
Swedlow Plastics Co.
Synthane Corp.
Thieblot Aviation Co., Div.—Vitro Corp. of
America
H. I. Thompson Fiber Glass Co.
Thompson Products, Inc.
Topper Mfg. Co., Inc.
Truxton Industries, Inc.
Waterbury Companies, Inc.
Winchester-West. Div.—Olin Mathieson Chem.
Corp.

#### FILTERS

FILTERS

Aero Supply Mfg, Co., Inc.
Aircraft Porous Media, Inc.
Aircraft Porous Media, Inc.
Amplex Div.—Chrysler Corp.
Bendix Aviation Corp., Skinner-Poroloy Div.
Commercial Filters Corp.
Cuno Engra. Corp., The
Dumont Aircraft Filting Co.
Futurecraft Corp.
Harman Equipment Co.
\*KAHN & CO., INC.
Minneapolis-Honeywell Regulator Co., Aeronautical Div.
Permanent Filter Corp.
Poroloy Equipment, Inc.
Milliam Roy Co.
St., Marys Carbon Co.
William W. Stanley Co., Inc.
Wells Industries Corp.
Winder Aircraft Corp. of Fla.

#### Air

Air

Aero Supply Mfg, Co., Inc.
Aircraft Porous Media, Inc.
Aircraft Porous Media, Inc.
Air.Maze Corp.
Allied Witan Co. Inc.
Amplex Div.—Chrysler Corp.
Bendix Aviation Corp., Skinner-Poroloy Div.
Briggs Filtration Co., The
Clary Dynamics
Commercial Filters Corp.
Cossolidated American Services, Inc.
Coppus Engrg. Corp.
Cunc Engrg. Corp., The
Dumont Aircraft Fitting Co.
Flock Process Co. Inc.
Fram Corp.
Futurecraft Corp.
General Cable Corp.
General Cable Corp.
General Sound Control, Inc.
Harman Equipment Co.
Hastings Plastics Inc.
\*KAHN & CO., INC.
Water Kidde & Co., Inc., Aviation Div.
Mine Safety Appliances Co.
Minneappolis-Honeywell Regulator Co., Aeronautical Div.
Permanent Filter Corp.

Minneapolis-Honeywell Regulator of tical Div.
Permanent Filter Corp.
Poroloy Equipment, Inc.
Research Products Corp.
Milton Roy Co.
St. Marys Carbon Co.
William W. Stanley Co. Inc.
Turbo Products, Inc.
Wells Industries Corp.
Winder Aircraft Corp. of Fla.
Winslow Aerofilter Corp.

#### Detonation

Cuno Engrg. Corp., The General Sound Control, Inc. Winder Aircraft Corp. of Fla.

#### Equalizer

Air-Maze Corp. Tobe Deutschmann Corp.

#### Fuel & Oil

Aero Supply Mfg. Co., Inc.
Aeroproducts Operations, Allison Div., General
Motors Corp.
Aircraft Porous Media, Inc.
Amplex Div.—Chrysler Corp.
Briggs Filtration Co., The
Commercial Filters Corp.
Consolidated American Services, Inc.
Cuno Engra. Corp., The
Dumont Aircraft Fitting Co.
Fram Corp. Fram Corp. General Cable Corp.

Harman Equipment Co.
Hastings Plastics Inc.
Walter J. Hydth Co., The
Imperial Brass Mfg. Co., The
Herrick L. Johnston, Inc.
\*\*KAHN & CO., INC.
Marvel Engrg. Co.
Michigan Wire Cloth Co.
National Aircoil Burner Co.
Permanent Filter Corp.
Poroloy Equipment, Inc.
St. Marys Carbon Co.
Universal Metal Products Inc.
Wells Industries Corp.
Wells Industries Corp.
Winslow Aerofilter Corp.

#### line

Line

Aircraft Porous Media, Inc.
Amplex Div.—Chrysler Corp.
Bendix Aviation Corp., Skinner-Poroloy Div.
Briggs Filtration Co., The
Commercial Filters Corp.
Cuno Engrg. Corp., The
Fram Corp.
Walter J. Hyatt Co., The
Marvel Engrg. Co.
Michigan Wire Cloth Co.
Newark Wire Cloth Co.
Permanent Filter Corp.
Poroloy Equipment, Inc. Poroloy Equipment, Inc. Potter Co., The Tobe Deutschmann Corp. Wells Industries Corp. Winslow Aerofilter Corp.

#### Mechanical

Mechanical

Aero Supply Mfg. Co., Inc.
Aircraft Porous Media, Inc.
Aircraft Porous Media, Inc.
Air. Maze Corp.
Bendix Aviation Corp., Skinner-Poroloy Div.
Briggs Filtration Co., The
Cuno Engrg. Corp., The
Fram Corp.
General Cable Corp.
\*KAHN & CO., INC.
Marvel Engrg. Co.
Permanent Filter Corp.
Poroloy Equipment, Inc.
Telectro Industries Corp.
Wells Industries Corp.
Wells Industries Corp.
Winslow Aerofilter Corp.

#### Pneumatic System

Pneumatic System

Aero Supply Mfg. Co., Inc.
Aircraft Porous Media, Inc.
Air. Maze Corp.
Allied Witan Co., Inc.
Aro Equipment Corp.,
Aro Equipment Corp.,
Bendix Aviation Corp., Skinner-Poroloy Div.
Briggs Filtration Co., The
Champion Pneumatic Machinery Co.
Commercial Filters Corp.
\*CORNELIUS CO., THE
Cuno Engrg, Corp., The
Devilbiss Co., The
Devilbiss Co., The
Fenwal Inc.
Futurecraft Corp.
Feneral Cable Corp.
\*KAHN & CO., INC
Walter Kidde & Co., Inc., Aviation Div.
Michigan Wire Cloth Co.
Parterson, Moos Div.—Universal Winding Co.,
Inc. Inc.
Permanent Filter Corp.
Poroloy Equipment, Inc.
Turbo Products, Inc.
Wells Industries Corp.
Winslow Aerofilter Corp.

#### FIRE DETECTORS

Atlantic Instrument Corp., Sub.-American Elec-Artanic Instrument Colp., 300-Xiliata tronics, Instrumentation Corp. Cardinal Instrumentation Corp. Electronics Corp. of America Walter Kidde & Co., Inc., Aviation Div. Norton Associates, Inc., Piezo Products Co.

#### FIRE WALLS

Aircraft Mechanics, Inc.
Hastings Plastics Inc.
Kaiser Aircraft & Electronics Div.-Kaiser Industries Corp.
L.O. F. Glass Fibers Co.
\*LAVELLE AIRCRAFT CORP.
Rohr Aircraft Corp.
Ryan Aeronautical Co.
Solar Aircraft Co.
Wells Industries Corp.

#### FITTINGS, COAXIAL CABLE

Aeronautical & Instrument Div., Robertshaw-Fulton Controls Co. Hallett Mfg. Co. Marco Industries Co. Progressive Research & Development Co., Inc. Solar Aircraft Co.

TA Mfg. Corp. Titeflex, Inc. Warren Wire Co. Western International Co.

#### FITTINGS, METALLIC

Aeroquip Corp. Affiliated Screw Products Co. Aeroquip Corp.
Affiliated Screw Products Co.
Avica Corp.
Bridgwater Machine Co.
Capewell Mfg. Co.
Century Fasteners Corp.
Corlin Products Div.
Dumont Aviation Associates
Freeman Co., The
Kerns Mfg. Corp.
Parker Aircraft Co.
Parker Hannifin Corp.
Progressive Research & Development Co., Inc.
Rattan Mfg. Co., The
Resistoflex Corp.
Ryan Aeronautical Co.
Shaw Metal Products Corp.
Solar Aircraft Co.
Thompson Products, Inc.
Titeflex, Inc.
United Mfg. Co., The
Vibra Seal Corp.
Western Automatic Machine Screw Co., Div.Standard Screw Co.

#### FLAMEHOLDERS, RAM JET

American Aerophysics Corp. American Welding & Mig. Co., The California Aircraft Products Finn Aeronautical Div., T. R. Finn & Co., Inc.

Finn Aeronautical Div., T. R. Finn & Co., Inc. Hupp Aviation Co.
\*LAVELLE AIRCRAFT CORP.
Marquard Aircraft Co.
Parker Aircraft Co.
Portland Copper & Tank Works Inc.
Ryan Aeronautical Co.
Smith-Morris Corp.
Wright Aeronautical Div., Curtiss-Wright Corp.

### FLUID METERING PUMP SYSTEMS

Eco Engrg. Co. New York Air Brake Co., The, Watertown Div. Sundstrand Aviation, Div.-Sundstrand Machine Tool Co. Task Corp. United Control Corp.

#### FLUID MOTORS

American Brake Shoe Co., Kellogg Div. American Flexible Coupling Div., Zurn Industries,

American Flexible Coupling Div., Zurn Industries, Inc.
Cadillac Gage Co
\*\*COMMERCIAL SHEARING & STAMPING CO.
New York Air Brake Co., The, Watertown Div.
Oli-Dyne, Inc.
Pesco Products Div.-Borg-Warner Corp.
Sundstrand Aviation, Div.-Sundstrand Machine
Tool Co.
Sundstrand Turbo Div., Sundstrand Machine
Tool Co. Tool Co. Task Corp.

#### FLUIDS, HYDRAULIC OILS, COOLANTS, ETC.

Esso Standard Oil Co.
General Chemical Div., Allied Chemical & Dye
Corp.
Lehigh Chemical Co.
Monsanto Chemical Co.
Silicones Div.-Union Carbide Corp.
White & Bagley Co., The

#### **FLYWHEELS**

Bridgwater Machine Co. Transue & Williams Steel Forging Corp.

#### FUEL SYSTEMS & EQUIPMENT

FUEL SYSTEMS & EQUIPMENT

Aero Supply Mfg, Co., Inc.
Aerotec Corp., The
American Tool Co.
Artwin Industries, Inc.
Auto-Control Labs., Inc.
Calcor Corp., Aircraft Div.
Calcinor Corp., Aircraft Div.
California Aircraft Prodacts
Chandler-Evans, Div.-Pratt & Whitney Co., Inc.
Chiksan Co.,
Consolidated Controls Corp.
\*EASTERN INDUSTRIES, INC.
Eddington Metal Specialty Co.
Electronic Communications, Inc.
Electronics Dept., Hamilton Standard Div.,
United Aircraft Corp.
\*ISCHER & Porter Co.,
GARRETT CORP., THE, AIRESEARCH MFG. DIVS.
\*GREER HYDRAULICS, INC.
\*KAHN & CO., INC.
Lear, Inc.
Marquardt Aircraft Co.

Minneapolis-Honeywell Regulator Co., Aeronau-Minneapolis-Honeywell Regulator Co., Aeronautical Div.
Parameters, Inc.
Parker Aircraft Co.
Stratos, Div.-Fairchild Engine & Airplane Corp.
Telectro Industries Corp.
Thompson Products, Inc.
\*VALCOR ENGRG. CORP.
Waldorf Instrument Co., Div.-F. C. Huyck & Sons

### Balancing Controls

Balancing Controls

Acoustica Associates, Inc.
Aero Supply Mfg. Co., Inc.
CDC Control Services, Inc.
Chandler-Evans, Div.-Prett & Whitney Co., Inc.
Clary Dynamics
Dynamic Controls Corp.
Electronics Dept., Hamilton Standard Div.,
United Aircraft Co.
Marquardt Aircraft Co.
Parker Aircraft Co.
Pioneer-Central Div., Bendix Aviation Corp.
Simmonds Aerocessories, Inc.
Telectro Industries Corp.
\*\*VALCOR ENGRS. CORP.
Waldorf Instrument Co., Div.-F. C. Huyck & Sons

#### Flow Dividers or Distributors

Acoustica Associates, Inc. Aero Supply Mfg. Co., Inc. Automatic Switch Co. Bendix Products Div., Bendix Aviation Corp. Automatic Switch Co.
Bendix Products Div., Bendix Aviation Corp.
Clary Dynamics
Consolidated Controls Corp.
\*EASTERN INDUSTRIES, INC.
Ex-Cell-O Corp.
Fischer & Porter Co.
Hydra-Power Corp.
Marquardt Aircraft Co.
Mercury Red Corp.
Minneapolis-Honeywell Regulator Co., Aeronautical Div Minneapolis-Honeywell Regulator Co., Aeronautical Div.
Ozone Metal Products Corp.
Parker Aircraft Co.
Pierce Governor Co., Inc., The
Pioneer-Central Div., Bendix Aviation Corp.
Potier Aeronautical Corp.
Thompson Products, Inc.
\*\*YALCOR ENGRG. CORP.
Waldorf Instrument Co., Div.-F. C., Huyck & Sons
Whittaker Controls, Div.-Telecomputing Corp.
Wright Aeronautical Div., Curtiss-Wright Corp.

#### Injection Equipment

Aero Supply Mfg. Co., Inc.
California Aircraft Products
Wright Aeronaufical Div., Curtiss-Wright Corp.
Bendix Products Div., Bendix Aviation Corp.
Eddington Metal Specialty Co.
Ex-Cell-O Corp.
Hydra-Power Corp.
Marquardt Aircraft Co.
Perker Aircraft Co.
Progressive Research & Development Co., Inc.
Sundstrand Turbo Div., Sundstrand Machine Tool
Co. Thompson Products, Inc.
\*VALCOR ENGRG. CORP.
Veet Industries

#### lines

Aeroquip Corp.
\*AMERICAN TUBE BENDING CO., INC.
Beaton & Corbin Mfg. Co., The
Bendix Products Div., Bendix Aviation Corp. Bendix Products Div., Bendix Aviation Corp.
Chiksan Co.
Consolidated American Services, Inc.
Flexible Metal Hose Mfg. Co.
Herrick L. Johnston, Inc.
MB Mfg. Co.
Reaction Motors, Inc.,
Resistoflex Corp.
Stainless Steel Products, Inc.
\*STALKER DEVELOPMENT CO.
Titeflex, Inc.
Weatherhead Co., The
Wright Aeronautical Div., Curtiss-Wright Corp.

#### Mixture Controls, Automatic

Acoustica Associates, Inc.
Aero Supply Mig. Co., Inc.
Chandler-Evans, Div.-Pratt & Whitney Co., Inc.
Fairchild Controls Corp., Components Div.
Fischer & Porter Co.
Kelsey-Hayes Co.
Parker Aircraft Co.
Pneu-Hydro Valve Corp.
\*POTTER AERONAUTICAL CORP.
Servomechanisms, Inc.
Sundstrand Turbo Div., Sundstrand Machine Tool
Co. Sundstrend Turbo Div., Sundstrend Medinie 100 Co. Thompson Products, Inc. Waugh Engrg. Co. G. C. Wilson & Co. Wright Aeronautical Div., Curtiss-Wright Corp.

#### Pressure Gauges

Barton Instrument Corp.
Consolidated Controls Corp.
Dynametrics Corp.

Dynamic Instrument Co., Inc.
Electric Auto-Life Co., The
Electronics Dept., Hamilton Standard Div.,
United Aircraft Corp.
\*KAHN & CO., INC.
Minneapolis-Honeywell Regulator Co., Aeronautical Div.,
Northam Electronics, Inc.
Progressive Research & Development Co., Inc.
\*ROCHESTER MFG. CO. INC.
U. S. Gauge Div.-American Machine & Metals,
Inc.

#### Pressure Warning Units

Aeroiec Corp., The
Barton Instrument Corp.
Barton Instrument Corp.
Bendix Products Div., Bendix Aviation Corp.
Carleton Aviation Co., Inc.
Consolidated Controls Corp.
Essex Mfg. Co., Inc.
General Controls Co.
Minneapolis-Honeywell Regulator Co., Aero-Minneapolis-Honeywell Regulator Co., Aero-nautical Div. Northam Electronics, Inc. Permanent Filter Corp. U. S. Gauge Div.-American Machine & Metals, U. S. Gauge Div.-Am Inc. G. C. Wilson & Co.

#### Pumps

Applied Dynamics Corp.
Chandler-Evans, Div.-Pratt & Whitney Co., Inc.
\*EASTERN INDUSTRIES, INC. EASTERN INDUSTRIES, INC.

Eco Engrg. Co.

Eco Engrg. Co.

Kemp Aero Products, Div.-Kemp Inc.

Kemp Ag, Corp.

Lear, Inc., Grand Rapids Div.

Marquardt Aircraft Co.

Motordyne Inc.

National Aircil Burner Co.

W. H. Nichols Co.

Pesco Products Div.-Borg-Warner Corp.

Reaction Motors, Inc.,

Stewart-Warner Corp.

Stewart-Warner Corp. Co. Task Corp. Thompson Products, Inc. Whittaker Controls, Div.-Telecomputing Corp.

#### Ratio Controllers

Acoustica Associates, Inc.
American Electronics, Inc., Data-Tronics Div.
Barton Instrument Corp.
CDC Control Services, Inc.
Dynamic Controls Corp.
Fischer & Porter Co.

\*WALLACE O. LEONARD, INC.
Marquardt Aircraft Co.
Potter Aeronautical Corp.
Sundstrand Turbo Div., Sundstrand Machine Tool Sundstraind rule S.A.,
Co.
United Control Corp.
Waldorf Instrument Co., Div.-F. C. Huyck &
Sons
Waugh Engrg. Co.
Whittaker Controls, Div.-Telecomputing Corp.

#### Strainers

Aero Supply Mfg. Co., Inc.
Aircraft Porous Media, Inc.
Bendix Aviation Corp., Skinner-Poroloy Div.
Continental Diamond Fibre Corp., Sub.-The
Budd Co.
Cuno Engr. Corp., The
Fram Corp.
Harman Equipment Co.
Michigan Wire Cloth Co.
Newark Wire Cloth Co.
Permanent Filter Corp.
Poroloy Equipment, Inc.
Shaw Metal Products Corp.
Winslow Aerofilter Corp.

#### FUELS, LIQUID

Air Products, Inc.
Allied Chemical & Dye Corp., Nitrogen Div.
American Rocket Co.
Gallery Chemical Co.
Escambic Chemical Corp.
Escambic Chemical Corp.
Standard Oil Co.
Food Machinery & Chemical Corp.
Food Machinery & Chemical Corp., Ordnance
Food Machinery & Chemical Corp., Ordnance
Wall ACC O. LEONARD INC.

Div.
Herrick L. Johnston, Inc.
\*WALLACE O. LEONARD, INC.
Olin Mathieson Chemical Corp., High Energy
Fuels Div.
Shell Chemical Corp.
Thompson Products, Inc.

### FUELS, SOLID

American Rocket Co. Atlantic Research Corp. Bios Labs., Inc.

Brush Berytlium Co., The Callery Chemical Co. Continental Aviation & Engro. Corp. \*COOPER DEVELOPMENT CORP. \*COOPER DEVELOPMENT CORP.

Bscambia Chemical Corp.

B. F. Goodrich Aviation Products

\*GRAND CENTRAL ROCKET CO.

Olin Mathieson Chemical Corp., High Energy
Fuels Div.

Propellex Chemical Corp.

Redstone Arsenal Research Div., Rohm & Haas
Co.

Rocketdyne Div., North American Aviation, Inc.
Thompson Products, Inc.
Topper Mfg. Co., Loc.
Turbo Dynamics Corp.

#### GAS GENERATING DEVICES

GAS GENERATING DEVICES

Air Products, Inc.
American Potash & Chemical Corp., National
Northern Div.
American Rocket Co.
\*GRAND CENTRAL ROCKET CO.
Guided Missile Div.-De Havilland Aircraft of
Canada, Ltd.
\*JANITROL AIRCRAFT DIV.-SURFACE COMBUSTION CORP.
McCormick Selph Associates
Olin Mathieson Chemical Corp., High Energy
Fuels Div.
Propelley Chemical Corp.
Reaction Motors, Inc.
Ryun Aeronautical Co.
Sundstrand Turbo Div., Sundstrand Machine Tool
Co. Superior Air Products Co.
Superior Air Products Co.
Talco Engrg. Co., The
Thompson Products, Inc.
Wright Aeronautical Div., Curtiss-Wright Corp.

#### GASES, NITROGEN

Air Products, Inc.
Air Reduction Sales Co., Div.-Air Reduction Co., Inc.
Bios Labs., Inc.
Puritan Compressed Gas Corp., Aviation Div.

#### GASES, RARE

Air Products, Inc.
Air Reduction Seles Co., Div.-Air Reduction
Co., Inc.
Bios Labs., Inc.
Bram Metallurgical & Chemical Co.
Puritan Compressed Gas Corp., Aviation Div.

#### GASKET PASTE & CEMENT

Samuel Cabot Inc.
Crane Packing Co.
Flexnock Co.
Green, Tweed & Co.
Hamilton Kent Mfg. Co.
Walter K. Jaros, Aircrafters
Parker-Hannifin Corp.
Penn Fibre & Specialty Co., Inc.
Smooth-On Mfg. Co.
United Shoe Machinery Corp.

#### GASKETS, METALLIC

GASKETS, METALLIC

Acme Míg. & Gasket Co.
American Brass Co., The
American Welding & Míg. Co., The
Anchor Packing Co., The
Anchor Packing Co., The
Anchor Packing Co., The
Century Fasteners Corp.
D. S. D. Míg. Co., The
Dumont Aircraft Fitting Co.
Flexrock Co.
Gasket Míg. Co. Inc.
Gasket, Packing & Specialty Co. Inc.
General Cable Corp.
General Gasket Inc.
Green, Tweed & Co.
Walter K. Jaros, Aircrafters
Kasar Míg. & Distributing Co., Inc.
Kickhaefer Míg. Co.
\*\*LAMINATED SHIM CO.
Mercury Air Parts Co., Inc.
Metallo Gasket Co.
National Utilities Corp.
Pacific Cut Washer Co.
Penn Fibre & Specialty Co., Inc.
Rodney Metals Inc.
Shielding Inc.
Techniques, Inc.
Tricon Míg. Co.
\*\*UNITED AIRCRAFT PRODUCTS, INC.
U. S. Hammer Co. Inc.

### GASKETS, NON METALLIC

Acme Mfg. & Gasket Co.
Aero Leaiher Products Co.
Allied Engraving & Stamping Co.
Allied Plastics Supply Corp.
Anchor Packing Co., The
Armstrong Cork Co.
Auburn Mfg. Co., The

Bady Co. Basket Co. Ta Diamond Fibre Corp., Sub.—The S Co. Stanford Fibre Corp., Su Fint central Rubber Works Finance Packing Co. Crystax Corp. Divon Corp. Divon Corp. Dumont Aircraft Fitting Co. Duroyd Gasket Mig. Co. Emerson Plastrics Corp. Enflo Corp. Ecelsion Leatner Washer Mfg. Co. Inc. Flexrock Co. Casket Mig. Co. Inc. E celsion Leatner Washer Mfg. Co. Inc.
Flexrock Co.
Gasket Mfg. Co. Inc.
Gasket Mfg. Co. Inc.
Gasket Mfg. Specialty Co. Inc.
General Cable Corp.
General Gasket Inc.
General Gasket Inc.
General Foreign Co. Inc.
Walter K. Jaros, Aircrafters
Joclin Mfg. Co.
Jodee Plastics Co.
Kasar Mfg. & Distributing Co., Inc.
Walter K. Jaros, Aircrafters
Joclin Mfg. Co.
Jodee Plastics Co.
Kasar Mfg. & Distributing Co., Inc.
Walter Lee Chemical Corp.
Linear, Inc.
Mercury Air Parts Co., Inc.
Mercury Air Parts Co., Inc.
National Utilities Corp.
Neosil Products
Co.
Parker-Hanniin Corp.
Penn Fibre & Specialty Co., Inc.
Quick Charge Corp.
Raybestos-Mannattan, Inc.
Reeves Brothers Inc., Vulcan Rubber Products
Div.
Roberts Toledo Rubber Co., The
Rogers Corp. Div. Roberts Toledo Rubber Co., The Roberts Toledo Rubber Co., The Rogers Corp. Rubatex Div., Great American Industries Inc. Rubber and Toledo Rubber Co., Toledo Rubber Co., Spaulding Fibre Co., Inc. Spaulding Fibre Co., Inc. Spaulding Fibre Co., Inc. Synthane Corp. Union Asbestos & Rubber Co., U. S. Hammered Piston Ring Co., Inc. Waldom Electronics Inc.

#### GAUGES

Atlantic Research Corp.
Barton Instrument Corp.
Dynamic Instrument Corp.
Inc.
Electric Auto-Life Co., The
Ellison Draft Gage Co.
Glassco Instrument Co.
Jas. P. Marsh Corp.
Minneapolis-Honeywell Regulator Co., Aeronautical Div.
ROCHESTER MFG CO. INC.

\*ROCHESTER MFG. CO. INC.
Telectro Industries Corp.

#### Displacement Measuring

Displacement Measuring
Atlantic Research Corp.
Barton Instrument Corp.
Cleveland Instrument Co.
Dynamerics Corp.
Dynamic Instrument Co., Inc.
Minneapolis-Honeywell Regulator Co., Aeronautical Div.
Northam Electronics, Inc.
Photocon Research Products
Telectro Industries Corp.
Tucson Instrument Corp.
Ultradyne, Inc.
United Control Corp.

#### Fuel Pressure

Fuel Pressure

Atlantic Research Corp.
Barton Instrument Corp.
Consolidated Controls Corp.
Dynametrics Corp.
Dynamic Instrument Co., Inc.
Electric Auto-Lite Co., The
Ellison Draft Gage Co.
Glassco Instrument Co.
Northam Electronics, Inc.
\*\*REPUBLIC MFG. CO.
\*\*ROCHESTER MFG. CO. INC.
Scientific Instrument Co.
Servomechanisms Inc.
Servonic Instruments, Inc.
Stewart-Warner Corp.
Telectro Industries Corp.
Ultradyne, Inc. Ultradyne, Inc.
U. S. Gauge D'v., American Machine & Metals,
Inc.

#### Fuel Quantity

Acoustica Associates, Inc. Atlantic Research Corp. Autonetics, Div.-North American Aviation, Inc. Barton Instrument Corp. Boston Auto Gage Co., The

Dynametrics Corp.
Liquidometer Corp., The
Minneapolis-Honeywell Regulator Co., Aeronautical Div., Bendix Aviation Corp.
\*ROCHESTER MFG. CO. INC.
Servomechanisms, Inc.
Simmonds Aerocessories, Inc.
Telectro Industries Corp.
Waugh Engrg. Co.

#### Hydraulic Pressure

Hydraulic Pressure

Atlantic Research Corp.
Barton Instrument Corp.
Consolidated Controls Corp.
Dynamic Instrument Co., Inc.
Electric Auto-Lite Co., The
Glassco Instrument Co.
Minneapolis-Honeywell Regulator Co., Aeronautical Div.
Northam Electronics, Inc.
\*REPUBLIC MFG. CO.
\*ROCHESTER MFG. CO. INC.
Scientific Instrument Co.
Servomechanisms, Inc.
Servonic Instruments, Inc.
Ultradyne, Inc.
Ultradyne, Inc.
U. S. Gauge Div.-American Machine & Metals,
Inc.

#### Liquid Level

Liquid Level

Acoustica Associates, Inc.
Aeronautical & Instrument Div., Robertshaw-Fulton Controls Co.
Aro Equipment Corp., The
Autonetics, Div.-North American Aviation, Inc.
Barton Instrument Corp.
Dynametrics Corp.
Herrick L. Johnston, Inc.
Liquidometer Corp., The
Minneapolis-Honeywell Regulator Co., Aeronautical Div.
Narda Ultrasonics Corp. The
Northam Electronics, Inc.
Phillips Aviation Co.
Pioneer-Central Div., Bendix Aviation Corp.
\*\*REPUBLIC MFG Co.
\*\*ROCHESTER MFG. CO. INC.
Servomechanisms, Inc.
Simmonds Aerocessories, Inc.
Simmonds Aerocessories, Inc.
Simmonds Products, Inc.
Ultradyne, Inc.

#### Manifold Pressure

Barton Instrument Corp.
Dynamic Instrument Co., Inc.
Glassco Instrument Co., Inc.
Kollsman Instrument Corp., Sub.—Standard Coil
Products Co. Inc.
Minneapolis-Honeywell Regulator Co., Aeronautical Dir.
Northam Electronics, Inc.
\*ROCHESTER MFG. CO. INC.
Servomechanisms, Inc.
Servonic Instruments, Inc.
Ultradyne, Inc.
U. S. Gauge Div.-American Machine & Metals,
Inc.

#### Oil Level

Acoustica Associates, Inc.
American Electronics, Inc.
Barton Instrument Corp.
Boston Auto Gage Co., The
Electric Auto-Lite Co., The
Liquidometer Corp., The
Northam Electronics, Inc.
\*REPUBLIC MFG CO.
\*ROCHESTER MFG. CO. INC.
Simmonds Aerocessories, Inc.
U. S. Gauge Div.-American Machine & Metals,
Inc.

Oil Pressure

American Electronics, Inc.
Barton Instrument Corp.
Consolidated Controls Corp.
Dynamerics Corp.
Dynamic Instrument Co., Inc.
Thomas A. Edison Ind., Instrument Div.—McGraw-Edison Co.
Electric Auto-Life Co., The
Glassco Instrument Co.
Northam Electronics, Inc.
\*ROCHESTER MFG. CO. INC.
Scientific Instrument Co.
Servomechanisms, Inc.
U. S. Gauge Div.-American Machine & Metals,
Inc.

#### Outside Air Temperature

Cardinal Instrumentation Corp.
Electronic Auto-Life Co., The
Illinois Testing Laboratories, Inc.
Lewis Engrg. Co., The
Minneapolis-Honeywell Regulator Co., Aeronautical Div.
\*ROCHESTER MFG. CO. INC.
Rosemount Engrg. Co.

Royco Instruments Scientific Instrument Co. Vap-Air Div., Vapor Heating Corp.

#### Pressure

Consolidated Controls Corp.

W. C. Dillon & Co., Inc.
Dynametrics Corp.

Volumetrics Corp.

Dynametrics Corp.

Dynametrics Corp.

Dynametrics Co., Inc.
Electric Auto-Life Co., The
Electronics Dept., Hamilton Standard Div.,

United Aircraft Corp.

Fischer & Porter Co.
Glassco Instrument Co.

E. Vernon Hill & Co.

E. Vernon Hill & Co.

Photocon Research Products
Pioneer-Central Div., Bendix Aviation Corp.

Ronan & Kunzl, Inc.
Scientific Instrument Co.
Servomechanisms, Inc.
Stewart-Warner Corp.

Ultradyne, Inc.

U. S. Gauge Div.-American Machine & Metals,
Inc.

#### Quantity

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#### GEAR ASSEMBLIES, REDUCTION

Acme Gear Co., Inc.
\*ADVANCE GEAR & MACHINE CORP.
Airborne Accessories Corp.
American Flexible Coupling Div., Zurn Industries, Inc. dustries, Inc. merican Welding & Mfg. Co., The dustries, Inc.
American Welding & Mfg. Co., The
Antlab Inc.
Arch Gear Works Inc.
Bowmar Instrument Corp.
\*\*PALMO VICTOR CO., DIV.-TEXTRON INC.
Joe Davidson & Associates
Davistrom Instrument Div., Davistrom, Inc.
Thomas A. Edison Ind., Instrument Div.—McGraw-Edison Co.
Elgin Micronics, West Coast Div.-Elgin National
Watch Co.
Exact Engrg. & Mfg. Inc.
Ex-Cell-O Corp.
Foote Brothers Gear & Machine Corp.
Geartronics Corp.
Geartronics Corp.
General Railway Signal Co.
Globe Industries, Inc.
Graflex, Inc.
Graflex, Inc.
Grann Gear Works, Inc.
Greenleaf Mfg. Co., The, Div.-Mandrel Industries In Watch Co.,
Mamilton Watch Co., Military Products Div.
Hoover Electric Co.
Hupp Aviation Co.
Instru-lec Corp.
Instruments Corp., The
Kelsey-Hayes Co.
Lear, Inc.

Instruments Corp., The
Kelsey-Hayes Co.
Lear. Inc.
Lovejoy Flexible Coupling Co.
\*LYCOMING DIV., AVCO MFG. CORP.
Mechanical Div., General Mills, Inc.
O. & M. Machine Co., Inc.
Pic Design Corp., Sub.-Benrus Watch Co., Inc.
Phi ladelphia Gear Works, Inc.
Rae Motor Corp.
Reves Instrument Corp.
Reoves Instrument Corp.
Robot Appliances Inc.
Sundtrand Turbo Div., Sundstrand Machine Tool
Co. Co.
Talley Corp., The
Technical Oil Tool Corp.
Thompson Products, Inc.
\*U. S. GEAR CORP.
Vard Inc.
Vinco Corp.
Waldom Electronics Inc.
\*WESTINGHOUSE ELECTRIC CORP.
Wright Aeronautical Div., Curtiss-Wright Corp.
Zagora Gears, Inc.

#### GEARS, POWDERED METAL

American Flexible Coupling Div., Zurn Industries, Inc.
Globe Industries, Inc.
Invo Spline Inc.
Keystone Carbon Co.
Licon & Spiroid Divs., Illinois Tool Works
P. R. Mallory & Co. Inc.
Philadelphia Gear Works Inc.
Sier-Bath Gear & Pump Co., Inc.
Superior Carbon Products, Inc.

#### GEARS, PRECISION

Acme Gear Co., Inc.

\*ADVANCE GEAR & MACHINE CORP. Allied Plastics Supply Corp. American Electronics, Inc. American Flexible Coupling Div., Zurn Indus-

American Electronics, Inc.
American Flexible Coupling Div., Zurn Industries, Inc.
Amplex Div.-Chrysler Corp.
Arch Gear Works Inc.
Autonetics, Div.-North American Aviation, Inc.
Bergen Carbide Co.
Bowmar Instrument Corp.
PALMO VICTOR CO.
Div.-TEXTRON INC.
Daystrom Instrument Div., Daystrom, Inc.
Thomas A. Edison Ind., Instrument Div.—McGraw-Edison Co.
Elgin National Watch Co.
Exact Engrg. & Mfg. Inc.
Foote Brothers Gear & Machine Corp.
Geartronics Corp.
Graflex, Inc.
Grant Gear Works, Inc.
Grant Gear Works, Inc.
Granted Gear Works, Inc.
Granted For Morks, Inc.
Granted Co., The, Div.-Mandrel Industries Inc.
Hamilton Watch Co., Military Products Div.
Hoover Electric Co.
Hupp Aviation Co.
Husp Aviation Co.
Histo-Lec Corp.
Invo Spline, Inc.
Kelsey-Hayes Co.
H. Koch & Sonk
\*\*LAYEZZI MACHINE WORKS
Librascope Inc.
Licon & Spiroid Divs., Illinois Tool Works

H. Koch & Sons
\*LAVEZI MACHINE WORKS
Librascope Inc.
Licon & Spiroid Divs., Illinois Tool Works
\*LYCOMING DIV., AVCO MFG. CORP.
Lyndon Aircraft, Inc.
Machanical Div.-General Mills, Inc.
W. H. Nichols Co.
Pic Design Corp., Sub.-Benrus Watch Co., Inc.
Philadelphia Gear Works, Inc.
Reeves Instrument Corp.
Research Development Mig. Inc.
Sheffield Corp., The, Sub.-Bendix Aviation Corp.
Sier-Bath Gear & Pump Co., Inc.
Herman D. Steel Co.
Sundstrand Aviation, Div.-Sundstrand Machine
Tool Co.
Sundstrand Turbo Div., Sundstrand Machine
Tool Co.
Tool Co.
Talley Corp., The
Technical Oil Tool Corp.
Thompson Products, Inc.
\*Var Corp.
\*Var Inc.
Vinc Corp.
\*WestINGHOUSE ELECTRIC CORP.

\*WESTINGHOUSE ELECTRIC CORP.
Wright Aeronautical Div., Curtiss-Wright Corp.
Zagora Gears, Inc.

## GEARS, RADIO & INSTRUMENT

GEARS, KADIO & INSTRUMENT

Acme Gear Co., Inc.
Arch Gear Works Inc.
Bowmar Instrument Corp.
PDALMO VICTOR CO., DIV.-TEXTRON INC.
Daystrom Instrument Div., Daystrom, Inc.
G. M. Dykes Iron Works, Inc.
Thomas A. Edison Ind., Instrument Div.—Mc-Graw-Edison Co.
Exact Engrg. & Mfg. Inc.
Geartronics Corp.
Grant Gear Works, Inc.
Hamilton Watch Co., Military Products Div.
Instruments Corp., The
\*LAVEZZI MACHINE WORKS
Librascope Inc.

\*LAYEZZI MACHINE WORKS
Librascope Inc.
Licon & Spiroid Divs., Illinois Tool Works
Lyndon Aircraft, Inc.,
Mechanical Div.-General Mills, Inc.
Pic Design Corp., Sub.-Benrus Watch Co., Inc.
Reeves Instrument Corp.
Research Development Mig. Inc.
Sier-Bath Gear & Pump Co., Inc.
Stewart-Warner Corp.
Technical Oil Tool Corp.
Telectro Industries Corp.
\*U. S. GEAR CORP.
Waldom Electronics Inc.
Zagora Gears, Inc.

## **GENERATORS**

Alto Scientific Co., Inc.

\*AMERICAN MACHINE & FOUNDRY CO.

Bendix Aviation Corp., Red Bank Div.
Bogue Electric Mig. Co.
Electric Indicator Co. Inc.
Electronics Dept., Hamilton Standard Div.,
United Aircraft Corp.

\*GARREIT CORP., THE, AIRESEARCH MFG. DIVS.
Globe Industries, Inc.
Gray & Huleguard, Inc.
Hertner Electric Co., The
Instruments Corp., The
\*INTERELECTRONICS CORP.

Instruments Corp., The
\*INTERELECTRONICS CORP.
Jack & Heintz, Inc.
Kurz & Root Co.
Leland Electric Co., The, Div.-American Machine
& Foundry Co.
D. W. Onan & Sons Inc.
Philadelphia Gear Works, Inc.
Milton Roy Co.
Sundstrand Turbo Div., Sundstrand Machine
Tool Co.
TKM Electric Corp.,
Talley Corp., The

Trindl Products, Ltd. Varo Mfg. Co. Wincharger Corp.

#### Electric a.c.

Air Reduction Sales Co., Div.-Air Reduction Co.,

Air Reduction Sales Co., Div.-Air Reduction Co., Inc.
American Electronics, Inc.
\*AMERICAN MACHINE & FOUNDRY CO. American Welding & Mfg. Co., The Bendix Aviation Corp., Red Bank Div. Bogue Electric Mfg. Co. DIV.-TEXTRON INC. Joe Davidson & Associates Eicor Div.-F. L. Jacobs Co. Electric Auto-Life Co., The Electric Indicator Co., Inc. Electric Indicator Co., Inc. Electric Indicator Co., The Electronics Dept., Hamilton Standard Div. United Aircraft Corp.
\*GARRETT CORP., THE, AIRESEARCH MFG. DIVS. General Electric Co., Apparatus Sales Div. Georator Corp.
Globe Industries, Inc.

\*GARRETT CORP., THE, AIRESEARCH MFG. DIVS. General Electric Co., Apparatus Sales Div. Georator corp.
Globe Industries, Inc., Gray & Huleguard, Inc., Gray & Heintz, Inc., Gray & Heintz, Inc., Kurz & Root Co., Instruments Corp., The \*INTERLECTRONICS CORP.

Jack & Heintz, Inc., Kurz & Root Co., Leland Electric Co., The, Div.-American Machine & Foundry Co.

\*MOTOR GENERATOR CORP.
Motoresearch Co., D. W. Onan & Sons Inc., On the Sons Inc., Small Motors Inc., Sundstrand Turbo Div., Sundstrand Machine Tool Co., Sundstrand Turbo Div., Sundstrand Machine Tool Co., The Helectric Corp., Talley Corp., The Task Corp., The Task Corp., The Task Corp.
Telectro Industries Corp. Varo Mfg. Co., Wackline, Inc., Westine, Inc., Westine

Wincharger Corp.

#### Electric d.c.

Air Reduction Sales Co., Div.-Air Reduction Co.,

Air Reduction Sales Co., Div.-Air Reduction Co., Inc.

American Electronics, Inc.

\*AMERICAN MACHINE & FOUNDRY CO.

American Welding & Mig. Co., The

Bendix Aviation Corp., Red Bank Div.

Bogue Electric Mig Co.

\*DALMO VICTOR CO., DIV.-TEXTRON INC.

Joe Davidson & Associates

Eicor Div.-F. L. Jacobs Co.

Electric Auto-Life Co., The

Electric Indicator Co. Inc.

Electric Products Co., The

Electrics Dept., Hamilton Standard Div.,

United Aircraft Corp.

\*GARRETT CORP., THE, AIRESEARCH MFG. DIVS.

General Electric Co., Apparatus Sales Div.

Georator Corp.

Gray & Huleguard, Inc.

Guided Missile Div.-De Havilland Aircraft of

Canada, Ltd.

Hammert Electric Co., Ine

Hoover Electric Co.

Instruments Corp., The

\*INTERELECTRONICS CORP.

Jack & Heintz, Inc.

\*MOTOR GENERATOR CORP.

Jack & Heintz, Inc. \*MOTOR GENERATOR CORP.

\*MOTOR GENERATOR CORP.

Motoresearch Co.
D. W. Onan & Sons Inc.

\*JOHN OSTER MFG. CO., AVIONIC DIV.

Redmond Co., Inc.

Servomechanisms, Inc.

Small Motors Inc.

Solar Aircraff Co.

Sundstrand Turbo Div., Sundstrand Machine
Tool Co.

TAM Electric Corp.

Talley Corp., The
Telectro Industries Corp.

Varo Mfg. Co.

Westinghouse Electric Corp.

Wincharger Corp.

#### Engine Driven

Air Reduction Sales Co., Div.-Air Reduction Co.,

Inc.
Aircraft Equipment Div.-Consolidated Diesel
Electric Corp.
\*AMERICAN MACHINE & FOUNDRY CO.
American Welding & Mig. Co., The
Barker Sales Co.
Bendix Aviation Corp., Red Bank Div.
Bogue Electric Mfg. Co.

Joe Davidson & Associates
Detroit Diesel Engine Div.-General Motors
Corp.
Electric Products Co., The
\*\*GARRETT CORP. THE, AIRESEARCH MFG. DIVS.
Georator Corp.
Hamment Electric Co.
Instruments Corp., The
International Fermont Machinery Co., The
Jack & Heintz, Inc.
Leland Electric Co., The, Div.-American Machine
& Foundry Co., The, Div.-American Machine
\*\*MOTOR GENERATOR CORP.
Motorsearch Co.

Motorsearch Co.
D. W. Onan & Sons Inc.
Ready Power Co., The
Varo Mfg. Co.
\*WESTINGHOUSE ELECTRIC CORP.

Frequency

Frequency
Alto Scientific Co., Inc.
American Electronics, Inc.
Bendix Aviation Corp., Red Bank Div.
Bogue Electric Mg. Co.
Consolidated Avionics Corp.
Joe Davidson & Associates
Dunlap Electronics, Inc.
Eicor Div.-F. L. Jacobs Co.
Eric Resistor Corp.

\*\*GARREIT CORP., THE, AIRESEARCH MFG. DIVS.
Gray & Huleguard, Inc.
Hammett Electric Co.
Instruments Corp., The
\*\*INTERELECTRONICS CORP.
Kay Electric Co.

\*INTERELECTRONICS CORP.
Kay Electric Co.
Lampkin Labs., Inc.
Lavoie Labs., Inc.
Lavoie Labs., Inc.
Gerard G. Leeds Co., Inc.
Manson Laboratories, Inc.
\*MOTOR GENERATOR CORP.
Motoresearch Co.
Potter Aeronautical Corp.
Resdel Engrg, Corp.
Telectro Industries Corp.
Telenic Industries, Inc.
Varo Mrg. Co.
Wacline, Inc.

#### Function

Consolidated Avionics Corp.
Diehl Mig. Co.
\*\*INTERLECTRONICS CORP.
Philco Corp., Government & Industrial Divs.
Servomechanisms, Inc.
\*\*Telectro Industries Corp.

#### Hand Driven

Telectro Industries Corp. Wincharger Corp.

#### High Frequency Power

High Frequency Power

Acoustica Associates, Inc.
Bogue Electric Mfg. Co.
D & R. Ltd.
Joe Davidson & Associates
Electric Products Co., The
General Electric Co., Apparatus Sales Div.
Georator Corp.
Gray & Hulequard, Inc.
Guided Missile Div.De Havilland Aircraft of
Canada, Ltd.
Hammeth Electric Co.
Hertner Electric Co., The
\*\*INTERELECTRONICS CORP.
Kurz & Root Co.
Leland Electric Co., The, Div.-American Machine
& Foundry Co.,
Lindberg Engrg. Co.
Motoresearch Co.
Philco Corp., Government & Industrial Divs.
Resdel Engrg. Corp.
Sundstrand Turbo Div., Sundstrand Machine Tool
CKM. Electric Corp.
TKM. Electric Corp.
Tel-Instrument Electronics Corp.
Tel-Instrument Electronics Corp.
Thompson Products, Inc.
Varo Mig. Co.
\*\*WESTINGHOUSE ELECTRIC CORP.

## Liquid Oxygen

Air Products, Inc. \*GARRETT CORP., THE, AIRESEARCH MFG. DIVS. Herrick L. Jahnston, Inc. Superior Air Products Co.

## Liquid Oxygen, Mobile

Air Products, Inc. \*GARRETT CORP., THE, AIRESEARCH MFG. DIVS. Herrick L. Johnston, Inc.

Aircraft Equipment Div.-Consolidated Diesel \*AMERICAN MACHINE & FOUNDRY CO.

American Welding & Mfg. Co., The
Barker Sa.es Co.
Bendax Aviation Corp., Red Bank Div.
Begue Electric Mfg. Co.
Cedar Engrg. Div.-Control Data Corp.
D & R. Ltd.
Diehl Mfg. Co.
Eastern Air Devices, Inc.
Eclipse-Pioneer Div., Bendix Aviation Corp.
Eicor Div.-F. L. Jacobs Co.
Electric Auto-Lite Co., The
Electric Indicator Co. Inc.
Electric Products Co., The
Electric Co., The Electric Co., Apparatus Sales Div.
Gray & Hulegyard, Inc.
Hammett Electric Co.
Helipot Corp.
Herhner Electric Co.
Helipot Corp.
Kollsman Instrument Corp., Sub.—Standard
Coil Products Co. Inc.
Kurz & Root Co.
Motordyne Inc.
Motoresearch Co.
Small Motors Inc.
Talley Corp., The
Task Corp.
Varo Mfg. Co.
WESTINGHOUSE ELECTRIC CORP.

American Electronic Labs., Inc. American Electronics, Inc. Consolidated Avionics Corp. Dunlap Electronics, Inc. \*INTERELECTRONICS CORP. INTERELECTION ICS CORP.
Kay Electric Co.
Lavoie Labs., Inc.
Manson Laboratories, Inc.
Resdel Engrg. Corp.
Milton Roy Co.
Rutherford Electronics Co.
Skiatron Electronics & Television Corp.
Telectro Industries Corp.

American Electronics, Inc.
Bogue Electric Mfg. Co.
Cedar Engra, Div.-Control Data Corp.
Consolidated Avionics Corp.
Dunlap Electronics, Inc.
Thomas A. Edison Ind., Instrument Div.-McGraw-Edison Co.
General Electric Co., Apparatus Sales Div.
Hammett Electric Co.
\*INTERELECTRONICS CORP.
Kurz & Root Co. NTERELECTRONICS CORF.
Kurz & Root Co.
Skiatron Electronics & Television Corp.
Telechrome Mfg. Corp.
Telectro Industries Corp.

Tachometer

American Electronics, Inc.
Barber-Colman Co.
Bogue Electric Mfg. Co.
\*COOPER DEVELOPMENT CORP. Bogue Electric Mfg. Co.

\*\*COOPER DEVELOPMENT CORP.

D & R., Ltd.

Joe Davidson & Associates

Diehl Mfg. Co.
Eastern Air Devices, Inc.
Eclipse-Pioneer Div., Bendix Aviation Corp.
Thomas A. Edison Ind., Instrument Div.—McGraw-Edison Co.
Electric Auto-Lite Co., The
Electric Indicator Co. Inc.
General Electric Co., Apparatus Sales Div.
Georator Corp.
Gray & Huleguard, Inc.,
Instruments Corp., The
Jack & Heintz, Inc.
Kearfott Co., Inc.
Kollsman Instrument Corp., Sub.-Standard Coil
Products Co. Inc.
Motordyne Inc.

\*\*JOHN OSTER MFG. CO., AVIONIC DIV.
Potter Aeronautical Corp.
Servomechanisms, Inc.
Skiatron Electronics & Television Corp.
Small Motors Inc.

Small Motors Inc.

Small Motors Inc.

Telectro Industries Corp.

Thompson Products, Inc.

Wacline. Inc. \*WESTINGHOUSE ELECTRIC CORP.

#### GENERATORS, ELECTRONIC

Advance Industries, Inc.
Alto Scientific Co., Inc.
\*AMERICAN MACHINE & FOUNDRY CO.
BJ Electronics, Borg-Warner Corp.
Consolidated Avionics Corp.
\*GARREIT CORP., THE, AIRESEARCH MFG. DIVS.
General Communication Co.
\*INTERELECTRONICS CORP.
\*KAHN & CO., INC.

Kay Electric Co.
Reeve Electronics, Inc.
Skiatron Electronics & Television Corp.
Southwestern Industrial Electronics Co.
Telectronics Mig. Corp.
Telectro Industries Corp.
Tel-instrument Electronics Corp.
Telonic Industries, Inc.
Tensor Electric Development Co., Inc.
Terminal Radio Corp.
Varo Mfg. Co.

#### Am-Fm

Advance Industries, Inc.
Bendix Aviation Corp., York Div.
Dunlap Electronics, Inc.
\*INTERELECTRONICS CORP. \*INTERELECTRONICS CORP.
La Pointe Industries Inc.
Simpson Electric Co.
Skiatron Electronics & Television Corp.
Telectrone Mfg. Corp.
Telectro Industries Corp.
\*TELERAD MFG. CORP.
Tensor Electric Development Co., Inc.
Terminal Radio Corp.

### Harmonic Frequency

Advance Industries, Inc.
Bendix Aviation Corp., York Div.
Demornay-Bonardi
Dunlap Electronics, Inc. \*INTERELECTRONICS CORP.

\*INTERELECTRONICS CORP.
Kay Electric Co.,
La Pointe Industries Inc.
Manson Laboratories, Inc.
Resdel Engrg. Corp.
Telectro Industries Corp.
\*\*TELERAD MFG. CORP.
Telonic Industries, Inc.
Tensor Electric Development Co., Inc.
Terminal Radio Corp.
Varo Mfg. Co.

#### Microwave

Airborne Instruments Lab., Inc.,
Bendix Aviation Corp., York Div.,
Demornay-Bonardi
Dunlap Electronics, Inc.,
Geisler Labs.,
General Communication Co.,
Kaiser Aircraft & Electronics Div.-Kaiser Industries Corp.
Kay Electric Co.,
La Pointe Industries Inc.,
Gerard G. Leeds Co., Inc.,
Manson Laboratories, Inc.,
Microwave Electronics Div., Sperry Gyroscope Co. Microwave Electronics Co. Resdel Engrg. Corp. Saratoga Industries Telectrome Mfg. Corp. Telectro Industries Cor \*TELERAD MFG. CORP. Terminal Radio Corp. Wave Particle Corp.

#### Noise

Noise

Airborne Instruments Lab., Inc.
Bendix Aviation Corp., York Div.
Demornay-Bonardi
Geisler Labs.
General Sound Control, Inc.
Kay Electric Co.
La Pointe Industries Inc.
Philco Corp., Government & Industrial Divs.
Reeves Instrument Corp.
Resdel Engrg. Corp.
Saratoga Industries
Skiatron Electronics & Television Corp.
Telechrome Mfg. Corp.
Telectro Industries Corp.
Tensor Electric Development Co., Inc.
Terminal Radio Corp.
Western Electro-Acoustic Lab.

### Picture Signal

Dunlap Electronics, Inc.
Kay Electric Co.
Philico Corp., Government & Industrial Divs.
Skiatron Electronics & Television Corp.
Telechrome Mfg. Corp.
Telectro Industries Corp.
Tel-Instrument Electronics Corp.
Terminal Radio Corp.

Advance Industries, Inc.
Alto Scientific Co., Inc.
American Electronic Labs., Inc.
BJ Electronics, Borg-Warner Corp.
Bendix Aviation Corp., York Div.
Briggs Associates, Inc.
Consolidated Avionics Corp.
Demornay-Bonardi
Dunlap Electronics, Inc.
Erie Resistor Corp.
General Communication Co.

La Pointe Industries Inc. Lavoie Labs., Inc. Gerard G. Leeds Co., Inc. Manson Laboratories, Inc. Microwave Electronics Div., Sperry Gyroscope Microwave Electronics Div., Spanish Co., Co., Potter Aeronautical Corp., Reseves Instrument Corp., Resdel Engrg. Corp., Rutherford Electronics Co., Simpson Electric Co., Skiatron Electronics & Television Corp., Telectro Industries Corp., Teletro Industries Corp., Teletro Industries, Inc., Tensor Electric Development Co., Inc., Terminal Radio Corp.

Square Wave

Square Wave
Alto Scientific Co., Inc.
Antlab Inc.
BJ Electronics, Borg-Warner Corp.
Briggs Associates, Inc.
Consolidated Avionics Corp.
Dunlap Electronics, Inc.
Electronic Measurements Corp.
Engineered Magnetics, Div. Gulton Industries,
Inc.
General Communication Co.
\*INTERELECTRONICS CORP.
Kay Electric Co.
Motordyne Inc.
Resdel Engrg. Corp.
Rutherford Electronics Co.
Simpson Electric Co.
Skietron Electronics & Television Corp.
Southwestern Industrial Electronics Co.
Ternsor Electric Development Co., Inc.
Terminal Radio Corp.
Ultradyne, Inc.

Ultradyne, Inc. Varo Mfg. Co. Signal, A-F

Alto Scientific Co., Inc.
Dunlap Electronics, Inc.
Elm Mig. Co. Inc.
Erwood Inc.
Kay Electric Co.,
Resdel Engrg. Corp.
Skiatron Electronics & Television Corp.
Southwestern Industrial Electronics Co.
Telectro Industries Corp.
Tensor Electric Development Co., Inc.
Terminal Radio Corp.

## Signal, F-M

Advance Industries, Inc.
Dunlap Electronics, Inc.
Electronic Measurements Corp.
General Instrument Corp., Defense Products Div.
Kay Electric Co.
Telectro Industries Corp.
\*\*TELERAD MFG. CORP.
Terminal Radio Corp.

Signal, R-F

Signal, R-F

Airborne Instruments Lab., Inc.
BJ Electronics, Borg-Warner Corp.
Bendix Aviation Corp., York Div.
Demornay-Bonardi
Ferris Instrument Co.,
General Communication Co.,
General Instrument Corp., Defense Products Div.
Kay Electric Co.
Lavoie Labs., Inc.,
Manson Laboratories, Inc.,
Resdel Engrg, Corp.
Telectro Industries Corp.
\*\*TELERAD MFG. CORP.
Tel-Instrument Electricnics Corp.
Telonic Industries, Inc.
Tensor Electric Development Co., Inc.
Terminal Radio Corp.

Signal, SHF

Geisler Labs.
General Communication Co.
Telectro Industries Corp.
Tensor Electric Development Co., Inc.
Terminal Radio Corp.
Wave Particle Corp.

Signal, Single Sideband

Ferris Instrument Co.
General Instrument Corp., Defense Products Div.
Kaiser Aircraft & Electronics Div.-Kaiser Industries Corp.
Kay Electric Co.
Manson Laboratories, Inc.
Philico Corp., Government & Industrial Divs.
Telechrome Mfg. Corp.
Telectro Industries Corp.
Tensor Electric Development Co., Inc.
Terminal Radio Corp.

Signal, Sweeping

BJ Electronics, Borg-Warner Corp. Geisler Labs. Gerard G. Leeds Co., Inc.

Panoramic Radio Products, Inc.
Philco Corp., Government & Industrial Divs.
Telectro Industries Corp.
Tel-Instrument Electronics Corp.
Telonic Industries, Inc.
Tensor Electric Development Co., Inc.
Tensor Electric Corp.
Wave Particle Corp.

### Signal, Television Synchronizing

Kay Electric Co.
Philco Corp., Government & Industrial Divs.
Skiatron Electronics & Television Corp.
Telechrome Mig. Corp.
Telectro Industries Corp.
Tel-Instrument Electronics Corp.
Tensor Electric Development Co., Inc.
Terminal Radio Corp.
Thompson Products, Inc.

## Signal, UHF or VHF

BJ Electronics, Borg-Warner Corp.
Bendix Axiation Corp., York Div.
\*COOPER DEVELOPMENT CORP.
Ferris Instrument Co.
General Instrument Corp., Defense Products Manson Laboratories, Inc. Manson Laboratories, Inc.
Saratoga Industries
Simpson Electric Co.
Telectro Industries Corp.
Tel-Instrument Electronics Corp.
Telonic Industries, Inc.
Tensor Electric Development Co., Inc.
Terminal Radio Corp.

#### Ultrasonic

Ultrasonic

Acoustica Associates, Inc.
Alcar Instruments, Inc.
Blackstone Corp.
Branson Instruments, Inc.
Joe Davidson & Associates
General Nuclear Corp.
Guiton Industries, Inc.
\*\*INTERLECTRONICS CORP.
\*\*KAHN & CO., INC.
Gerard G. Leeds Co., Inc.
Massa Labs., Inc.
Narda Ultrasonics Corp., The
Piezo Products Co.
Skiatron Electricitos & Television Corp.
Telectro Industries Corp.
Tensor Electric Development Co., Inc.
Terminal Radio Corp.

## Variable Frequency

Airborne Instruments Lab., Inc. American Electronics, Inc. Joe Davidson & Associates Erwood Inc. Geisler Labs. Geisler Labs.

\*INTERELECTRONICS CORP.

Kay Electric Co.
Gerard G. Leeds Co., Inc.
Resdel Engrg. Corp.
Servo Corp. of America
Skiatron Electronics & Television Corp.
Southwestern Industrial Electronics Co.
Telectro Industries Corp.
Telonic Industries, Inc.
Tensor Electric Development Co., Inc.
Terminal Radio Corp.
Varo Mfg. Co.
Wave Particle Corp.

#### Waveform

Airborne Instruments Lab., Inc.
Consolidated Avionics Corp.
\*\*INTERELECTRONICS CORP.
George A. Philibrick Researches, Inc.
Resdel Engrg. Corp.
Rutherford Electronics Co.
Skiatron Electronics & Television Corp.
Southwestern Industrial Electronics Co.
Telechrome Mfg. Corp.
Ultradyne, Inc.

### GLASS INSULATION

Allied Plastics Supply Corp.
Semon Bache & Co.
Calfibe Co., Inc.
Continental Diamond Fibre Corp., Sub.-The
Budd Co.
Corning Glass Works
Duracote Corp.
Eagle-Picher Co., The
Hastings Plastics Inc.
L.O. F. Glass Fibres Co.
Seeman Products
Solar Aircraft Co.
H. I. Thompson Fiber Glass Co.
Union Asbestos & Rubber Co.
Varflex Corp.
Warren Wire Co.

# GLASS, MICA-WOVEN OR LAMINATED

Allied Plastics Supply Corp. Semon Bache & Co.

William Brand & Co., Inc.
Calfibe Co., Inc.
Continental Diamond Fiber Corp., Sub.-The
Budd Co.
Hastings Plastics Inc.
Lamtex Industries, Inc.
Magnetic Shield Div.-Perfection Mica Co.
New England Laminates Co., Inc.
St. Regis Paper Co.
Stilcones Div.-Union Carbide Corp.
Stevens Products, Inc.
Swedlow Plastics Co.
Warren Wire Co.

#### GOVERNORS, MISSILE CONTROL

Electronics Dept., Hamilton Standard Div., United Aircraft Corp. Guided Missile Div.-De Havilland Aircraft of Canada, Ltd. Hoof Products Co., Menasco Mfg. Co., Thompson Products, Inc., Varo Mfg. Co.

## GRAIN, ALUNDUM

Morganite, Inc. Norton Co.

## GRAPHITE, COLLOIDAL

Acheson Colloids Co., Div.-Acheson Industries, Inc.
Bios Labs., Inc.
Grafo Colloids Corp.

### GRAPHITE, LUBRICATING

Bios Labs., Inc. Carbone Corp., The Drilube Co. Electrofilm, Inc. Grafo Colloids Corp. Kano Labs.

#### GREASES, VACUUM

Alpha-Molykote Corp.
Bios Labs., Inc.
Consolidated Electrodynamics Corp.
Silicones Div.-Union Carbide Corp.
Veeco Vacuum Corp.

## HARNESSES, IGNITION

HARNESSES, IGNITION

ACF Industries, Inc., Advanced Products Div. Aerodex, Inc.
Aeroadex, Inc.
Beaton & Corbin Mfg. Co., The
Beden Mfg. Co.
Coaxial Connector Co., Inc.
Co-Operative Industries, Inc.
Dayton Aircraft Products, Inc.
Electric Auto-Lite Co., The
First Electronics Corp., The
First Electric Co.
Illumitronic Engrg, Co.
Industrial Wiring & Cable Co.
International Electric Industries, Inc.
Kilgere Aircraft Div.-The Kilgen Organ Co.
La Pointe Industries, Inc.
J. E. Menaugh Co.
Servicair Co.
Sevincial Div., Bendix Aviation Corp.
Servicair Co.
Skytronics
THERMOCOURLES

## HARNESSES, THERMOCOUPLES

Advanced Electronics, Inc.
Advanced Electronics, Inc.
Aero Research Instrument Co. Inc.
Airtron, Inc.
B. G. Corp., The
Beaton & Corbin Mig. Co., The
Coavial Connector Co. Inc.
Fenwal, Inc.
First Electronics Corp., The
Hallett Mig. Co.
Harmott Electric Co.
Harmott Electric Co.
Hillinois Testing Laboratories, Inc.
International Electric Industries, Inc.
Kerns Mig. Corp.
La Pointe Industries, Inc.
Lewis Engrg. Co., The
Republic Aviation Corp., Guided Missiles Div.
Royco Instruments
Scintilla Div., Bendix Aviation Corp.
Telectro Industries Corp.
Telectro Industries Corp.
Telectro Industries Corp.
Telectro Industries Corp.
Tieflex, Inc.
Transvision, Inc.

HARNESSES, WIRE HARNESSES, WIRE

ACF Industries, Inc., Advanced Products Div. Advanced Electronics, Inc., Aerolite Electronics Corp.
Aeronautical & Instrument Div., Roberishaw-Fulton Controls Co.
Alladen Products Co.
Allied Plastics Supply Corp.
Alpha Wire Corp.
\*\*AMERICAN MACHINE & FOUNDRY CO.
American Super-Temperature Wires, Inc., Anchor Specialty Mfg. Co., Inc.
Beaton & Corbin Mig. Co., Inc.
Beaton & Corbin Mig. Co., Inc.
Beaton & Corbin Mig. Co., Inc.
William Brand & Co., Inc., William Brand & Co., Inc., Cambridge Wire Cloth Co., The Coaxial Connector Co., Inc.
Cambridge Wire Cloth Co., The Coaxial Connector Co., Inc.
Dale Products, Inc.
Dale Products, Inc.
Dayton Aircraft Products, Inc.
Dayton Aircraft Products, Inc.
Dayer Engrg. Co., Inc.
Electronics Dept., Hamilton Standard Div.,
United Aircraft Corp.
Electronics West Coast Div.-Elgin National Watch Co., Inc.
Essex Mfg. Co., Inc.
Essex Mfg. Co., Inc.
Essex Mfg. Co., Inc.
Essex Mfg. Co., Inc.
General Laboratory Associates, Inc.
General Laboratory Associates, Inc.
General Reliway Signal Co., General Reliway Signal Co., Inc.
Infinite Mig. Co.
Humitronic Engrg. Co., Inc.
Illumitronic Engrg. Co.
Illumitronic Engrg. Co.
Illumitronic Engrg. Co.
International Electric Co.
Harco Labs., Inc.,
Highland Engrg. Co.
International Electric Industries, Inc.

\*KAHN & CO., INC.
Kickhaefer Mfg. Co.
Kulka Electronics Co.,
Illumitronic Engrg. Co.
International Electric Inc.
Lytle Engrg. & Mfg. Co.
Manger Electronic Corp., Foundatrial Divs.
Progressive Research & Development Co., Inc.
Republic Aviation Corp., Guided Missiles Div.
Rohr Aircraft Corp.
Rowe Industries
Schaffer Air Industries, Inc.
Schieltered Workshop
Superant Mfg. Co., Inc.
Iransvision, Inc.
Iucson Instrument Corp.
Warren Wire Co.
Western International Co.
Wickfield, Inc.
Winder Aircraft Corp. of Fla.
Zippertubing Co., The ACF Industries, Inc., Advanced Products Div. Advanced Electronics, Inc., Aerolite Electronics Corp. Aeronautical & Instrument Div., Robertshaw-

#### **HEADERS**

Electronic Techniques, Inc.
Garde Mfg. Co.
\*\*IYCOMING DIV., AVCO MFG. CORP.
Republic Aviation Corp., Guided Missiles Div.
Solar Aircraft Co.
Telectro Industries Corp.
Thieblot Aviation Co., Div.-Vitro Corp. of
America

#### HEAT EXCHANGERS, EXHAUST

HEAT EXCHANGERS, EXHAUST

Allied Research & Engrg., Div.-Allied Record
Mfg. Co.
American Research & Mfg. Corp.
American Welding & Mfg. Co., The
Cromer Mfg. & Engrg., Inc.
Dunham-Bush Inc.

\*\*GARREIT CORP., THE, AIRESEARCH MFG. DIVS.
Griscom-Russell Co., The
Hupo Aviation Co.
\*\*JANIROL AIRCRAFT DIV.-SURFACE COMBUSTION CORP.
Kajser Aircraft & Electronics Div.-Kaiser Industries. Corp.
Kelsey-Hayes Co.
\*\*LAYELLE AIRCRAFT CORP.
\*\*ELYCOMING DIV., AYCO MFG. CORP.
Ryan Aeronautical Co.
Solar Aircraft Co.
Tiane Co., The
\*\*UNITED AIRCRAFT PRODUCTS, INC.

#### HEAT TRANSFER CONTROL SYSTEMS

An arian Research & Mfg. Corp.
Apried Dynamics Corp.
Auto-Control Labs., Inc.
CDC Control Services, Inc.
CDC Control Services, Inc.
Consolidated Controls Corp.
\*EASTERN INDUSTRIES, INC.
\*GARREIT CORP. THE AIRESEARCH MFG. DIVS.
\*JANITROL AIRCRAFT DIV.-SURFACE COMBUSTION. \*JANITROL AIRCRAFT DI TION CORP. Herrick L. Johnston, Inc. Joseph Kaye & Co. \*RYAN INDUSTRIES Solar Aircraft Co. \*UNITED AIRCRAFT PRODUCTS, INC. Vap-Air Div., Vapor Heating Corp.

#### HEATER MUFFLER ASSEMBLIES

Associated Co., Inc.
General Sound Control, Inc.
Kaiser Aircraft & Electronics Div. Kaiser Industries Corp.
Joseph Kaye & Co.
Ryan Aeronautical Co.
Solar Aircraft Co.

#### HEATERS

HEATERS

Acme Electric Heating Co.
Auto-Control Labs., Inc.
Cutler-Hammer Inc.
Dampp-Chaser, Inc.
Electrofilm, Inc.
Electrofilm, Inc.
Electrofilm, Inc.
Electrofilex Heat, Inc.
Electromode, Div.-Commercial Controls Corp.
B. F. Goodrich Aviation Products
Hammett Electric Co.
Herla Engrq. Corp.
\*\*JANITROL AIRCRAFT DIV.-SURFACE COMBUSTION CORP.
Joseph Kaye & Co.
\*\*LYCOMING DIV., AVCO MFG. CORP.
Miskella Infra.Red Co., The
\*\*RYAN INDUSTRIES
Safeway Heat Elements, Inc. KTAN INDUSIKIES Safeway Heat Elements, Inc. Trane Co., The Vulcan Electric Co., Div.-Consolidated Electric Lamp Co. Inc.

#### HEATING, ELECTRONIC

Electrofilm, Inc.
Erdco Engrg. Corp.
\*GARRETT CORP., THE, AIRESEARCH MFG. DIVS.
General Electric Co., Apparatus Sales Div.
Hammert Electric Co.,
Joseph Kaye & Co.,
Resdel Engrg. Corp.
\*WESTINGHOUSE ELECTRIC CORP.

#### HEATING, ELECTRONIC, INDUCTION

Auto-Control Labs., Inc.
Elgin Micronics, West Coast Div.-Elgin National
Watch Co.
Erdco Engrg. Corp.
Flexaust Co., The
Hammett Electric Co.
Lindberg Engrg. Co.
Telectro Industries Corp.
United Supply Co.
WESTINGHOUSE FLECTRIC CORP. \*WESTINGHOUSE ELECTRIC CORP.

## HOSE, AIR

Aeroquip Corp.
Allied Plastics Supply Corp.
American Brass Co., The
American Brass Co., American Metal Hose Div.
Anchor Coupling Co. Inc.
Arrowhead Products, Div.—Federal-Mogul-Bower
Bearings, Inc.
Continental Rubber Works
Co-Operative Industries, Inc.
Devilbiss Co., The
Electric Hose & Rubber Co.
Flexaust Co., The
Flexonics Corp.
B. F. Goodrich Aviation Products
Gray Co., Inc.
Hewith Robins, Inc.
Imperial Brass Mfg. Co., The
Parker-Hannitin Corp.
Quaker Rubber Div.-H. K., Porter Co., Inc.
Raybestos-Manhattan, Inc.
Resistoflex Corp.
M. L. Snyder & Son, Inc.
Solar Aircraft Co.
Stainless Steel Products, Inc.
Streat-Warner Corp.
Stratoflex, Inc.
United Supply Co.
Weatherhead Co., The

## HOSE, FLEXIBLE, METALLIC

HOSE, FLEXIBLE, METALLIC

Allied Plastics Supply Corp.
American Brass Co., The
American Brass Co., American Metal Hose Div.
Arrowhead Products, Div.—Federal-Mogul-Bower
Bearings, Inc.
Atlantic Metal Hose Co., Inc.
Avica Corp.
Beaton & Corbin Mfg. Co., The
Chiksan Co.
Consolidated American Services, Inc.
Co-Operative Industries, Inc.
D K Mfg. Co.
Electric Hose & Rubber Co.
Federal Metal Hose Corp.
Flexaust Co., The
Flexible Metal Hose Mfg. Co.
Flexonics Corp.
Hallett Mfg. Co.
Johnson Metal Hose, Inc.
Rodney Metals Inc.
Rodney Metals Inc.
Rodney Metals Inc.
Servicair Co.
Stainless Steel Products, Inc.
Titeflex, Inc.
Tube Distributors Co., Inc.

#### HOSE, FLEXIBLE, NON METALLIC

Aeroquip Corp. Allied Plastics Supply Corp. American Brass Co., American Metal Hose Div. Arrowhead Products, Div.—Federal-Mogul-Bower American Brass Co., American Metal Hose Div. Arrowhead Products, Div.—Federal-Mogul-Bower Bearings, Inc.
Brinbach Radio Co., Inc.
Continental Diamond Fibre Corp., Sub.—The Divide Co.
Continental Diamond Fibre Corp., Sub.—The Control of Corp.
Control of Contr HOSE, HYDRAULIC Aeroquip Corp.
Allied Plastics Supply Corp.
Allied Plastics Supply Corp.
American Brass Co., American Metal Hose Div.
Anchor-Coupling Co. Inc.
Beaton & Corbin Mig. Co., The
Chiksan Co.
Continental Rubber Works

Continental Rubber Works
\*\*COOPER DEVELOPMENT CORP.
Electric Hose & Rubber Co.
Flexonics Corp.
B. F. Goodrich Aviation Products
Gray Co. Inc.
Hewitt-Robins, Inc.
Imperial Brass Mfg. Co., The
Parker-Hannifin Corp.
Raybestos-Manhattan, Inc.
Resistoflex Corp. Resistoflex Corp.
Stainless Steel Products, Inc.
Stewart-Warner Corp. Stream Variet Corp.
Stratoflex, Inc.
Titeflex, Inc.
Weatherhead Co., The

HYDRAULIC RESERVOIRS \*ACF Industries, Inc., Advanced Products Div.
\*AMERICAN MACHINE & FOUNDRY CO.
American Tool Co.,
Applied Dynamics Corp.,
Arkwin Industries, Inc.,
Bridgwafer Machine Co.,
Champion Airguipment Inc.,
Cleveland Pneumatic Tool Co., The, Div.-Cleveland Pneumatic Industries, Inc.,
\*COOPER DEVELOPMENT CORP.
\*CORNELIUS CO., THE
\*DALMO VICTOR CO.,
DIV.-TEXTRON INC.
\*DIVERSEY ENGERG. CO.,
\*ELECTROL INC.,
W. Galloway Co. G. W. Galloway Co. \*HOUDAILLE INDUSTRIES, INC., BUFFALO HY-DRAULICS DIV. Hydra-Power Corp. Kelsey-Hayes Co. Kelsey-Hayes Co.
Menasco Mfg. Co.
Oil-Dyne, Inc.
Ozone Metal Products Corp.
Pacific Div-Bendix Aviation Corp.
Pressed Steel Tank Co.
Ryan Aeronautical Co.
Thompson Products, Inc.
\*UNITED AIRCRAFT PRODUCTS, INC.
\*VALCOR ENGRG. CORP.
Vickers Inc., Div. Sperry Rand

Waldorf Instrument Co., Div.-F. C. Huyck & Sons Weatherhead Co., The Wells Industries Corp.

#### HYDRAULIC SYSTEMS & CONTROLS

& CONTROLS

Accessory Controls & Eguipment Corp.,
Aeronautical & Instrument Div., RobertshawFulton Controls Co.,
Aerotec Corp., The
Airborne Research & Development Corp.
Applied Dynamics Corp.,
Arbwin Industries; Inc.,
Auto-Control Labs., Inc.,
Auto-Control Labs., Inc.,
Calcor Control Services, Inc.,
Caddilac Gage Co.,
Calcor Corp., Aircraft Div.,
Champion Airguipment Inc.,
Clary Dynamics
Cleveland Pneumatic Tool Co., The, Div.-Cleveland Pneumatic Industries, Inc.,
\*COMMERCIAL SHEARING & STAMPING CO.
Consolidated Controls Corp.
\*CORNELIUS CO., THE
\*DALMO VICTOR CO., DIV.-TEXTRON INC.
Devco Engrg. Inc.
\*POLYERSEY ENGRG. CO.
\*EASTERN INDUSTRIES, INC.
Eddington Metal Specialty Co.
\*ELECTROL INC.
Engelberg Huller Co., Inc.
Food Machinery & Chemical Corp., Ordnance
Div.,
Futurecraft Corp.
G. W. Galloway Co.

Food Machinery & Chemical Corp., Oranance Div.
Futurecraft Corp.
G. W. Galloway Co.
\*GARREIT CORP., THE, AIRESEARCH MFG. DIVS.
General Controls Co.
Gray & Hulequard, Inc.
HAGAN Chemicals & Controls, Inc.
\*HOUDAILLE INDUSTRIES, INC., BUFFALO HYDRAULICS DIV.
Walter J. Hyatt Co., The
Hydra-Power Corp.
\*KAHN & CO., INC.
Kelsey-Hayes Co.
Kearfott Co., Inc.
Kemp Aero Products, Div.-Kemp Inc.
La Pointe Industries Inc.
\*VALCOR ENGRG. CO.
\*WALLACE O. LEONARD, INC.
Loewy-Hydropress Div.—Baldwin-Lima-Hamilton
Lyndon Aircraft, Inc.
Minneapolis-Honeywell Regulator Co., Aeronautical Div.

\*New York Air Reale Co. The Watertown Div. Lyndon Aircraft, Inc
Minneapolis-Honeywell Regulator Co., Aeronautical Div.
New York Air Brake Co., The, Watertown Div.
Oil-Dyne, Inc.
Ozone Metal Products Corp.
Pacific Div. Bendix Aviation Corp.
Parameters, Inc.
Parker Aircraft Co.
Pesco Products Div.—Borg-Warner Corp.
Pneu-Hydro Valve Corp.
Progressive Research & Development Co., Inc.
Reeves Instrument Corp.
\*\*RFPUBLIC MFG CO.
Research Controls
Ryan Aeronautical Co.
A. U. Stone & Co., Inc.
Sundstrand Aviation Div.-Sundstrand Machine
Tool Co.
Sundstrand Turbo Div.-Sundstrand Machine Tool
Co.
Tactair Valve Div.-Aircraft Products Co.
Thompson Products, Inc.
Trimount Instrument Co.
\*\*UNITED AIRCRAFT PRODUCTS, INC.
Van Min Co.

Trimount Instrument Co.
Trimount Instrument Co.
\*UNITED AIRCRAFT PRODUCTS, INC.
Varo Mg. Co.
Vickers Inc., Div.Sperry Rand
Waldorf Instrument Co., Div.-F. C. Huyck & Sons
\*WESTINGHOUSE ELECTRIC CORP., AIR ARM

DIV. Weston Hydraulics, Ltd.

## IGNITION ASSEMBLIES

IGNITION ASSEMBLIES

American Electric Cable Co.
Atlantic Research Corp.
Auburn Spark Plug Co., Inc.
Beaton & Corbin Mig. Co., The
Co-Operative Industries, Inc.
Dayton Aircraft Products, Inc.
Electric Auto-Lite Co., The
First Electronics Corp., The
General Electric Co., Missile & Ordnance Systems
Dept. (Yt.)
General Laboratory Associates, Inc.
Kilgore, Inc., International Flare-Signal Div.
Marquardt Aircraft Co.,
McCormick Selph Associates
Modelectric Products Corp.
Packard Electric Div. General Motors Corp.
Redstone Arsenal Research Div., Rohm & Haas
Co.,
Scrittilla Div., Bendix Aviation Corp.
Servicair Co.
Skytronics
Telectro Industries Corp.
Titeflex, Inc.

#### IGNITION TUBE ASSEMBLIES Beaton & Corbin Mfg. Co., The

Co-Operative Industries, Inc.
General Laboratory Associates, Inc.
Hallett Mfg. Co.
International Electric Industries, Inc.
National Airoil Burner Co.
Resdel Corp.
Scintilla Div., Bendix Aviation Corp.

## IGNITION SHIELDINGS

American Electric Cable Co.
Birnbach Radio Co., Inc.
Co-Operative Industries, Inc.
Flexible Metal Hose Mfg. Co.
General Cable Corp.
General Laboratory Associates, Inc.
Hallett Mfg. Co.
J. E. Menaugh Co.
Scintilla Div., Bendix Aviation Corp.
Servicair Co.
Titeflex, Inc.
Zippertubing Co., The

#### IGNITION SYSTEMS, AIRBORNE

Atlantic Research Corp.
Carleton Aviation Co., Inc.
Co-Operative Industries, Inc.
Electric Auto-Lite Co., The
General Electric Co., Missile & Ordnance Systems General Electric Co., Missile & Ordnance Systems Dept. (Vt.)
General Laboratory, Associates, Inc. International Electric Industries, Inc. Marquardt Aircraft Co.
Olin Mathieson Chemical Corp., High Energy Fuels Div.
Packard Electric Div..General Motors Corp.
Patterson, Moos Div.-Universal Winding Co., Inc. Pafferson, Moos Div.-Universal Windon Inc.
Reaction Motors, Inc.
Scintilla Div., Bendix Aviation Corp.
Servicair Co.
Skytronics
Telectro Industries Corp.
Titeflex, Inc.
United Aircraft Products, Inc.

## IGNITION SYSTEMS, ELECTRONIC

AMERICAN TSTEMS, ELECTRONICA AMERICAN ELECTRONICA Atlantic Research Corp.
Co-Operative Industries, Inc.
Electric Auto-Lite Co., The
General Laboratory Associates, Inc.
Hammett Electric Co.
International Electric Industries, Inc.
Olin Mathieson Chemical Corp., High Energy
Engl. Disc. Fuels Div.
Patterson, Moos Div.-Universal Winding Co., rnc. Scintilla Div., Bendix Aviation Corp. Telectro Industries Corp. Titeflex, Inc.

#### **IMPELLERS**

IMPELLERS

Aluminum Co. of America
Morris Bean & Co.
Bridgwater Machine Co.
Continental Diamond Fibre Corp., Sub.—The
Budd Co.
Enflo Corp.
Globe Industries, Inc.
Herlo Engra, Corp.
Kelsey-Hayes Co.
Kemp, Inc.
Kerns Mfg. Corp.
\*!YCOMING DIV., AVCO MFG. CORP.
Parker-Harlford Corp., The
Stratos, Div.-Fairchild Engine & Airplane Corp.
Thompson Products, Inc.
Utica Drop Forge & Tool Div.-Kelsey Hayes Co.
Wright Aeronautical Div., Curtiss-Wright Corp.

## **INDICATORS**

\*R. C. ALLEN BUSINESS MACHINES, INC.,
AIRCRAFT INSTRUMENTS DIV.
Electric Auto-Life Co., The
Electronics Dept., Hamilton Standard Div.,
United Aircraft Corp.
\*GARRETT CORP., THE, AIRESEARCH MFG.
DIVS. \*GARRETT CORP., IHE, Albasian Corp.

Greenleaf Mig. Co., The, Div.-Mandrel Industries, Inc.

Humphrey, Inc.

\*KAHN & CO., Inc.

Leeds & Northrup Co.

Minneapolis-Honeywell Regulator Co., Aeronatrical Div.

Minneapolis-Honeywell Regulator Co., Boston Div. Minneapolis-Honeywell Re Div. Reflectone Corp., The Systron Corp. Telectro Industries Corp. Thermo Electric Co., Inc. Wacline, Inc.

## Rate-of-Roll

Analogue Controls, Inc. Eclipse-Pioneer Div., Bendix Aviation Corp. Electronics Dept., Hamilton Standard Div., United Aircraft Corp. Elgin Micronics, West Coast Div.-Elgin National Watch Co.

\*GARRETT CORP., THE, AIRESEARCH MFG. DIVS.
Geisler Labs.
Greenleaf Mfg. Co., The, Div.-Mandrel Industries, Inc.
Humphrey, Inc.
Kearfoft Co., Inc.
\*WALLACE O. LEONARD, INC.
Minneapolis-Honeywell Regulator Co., Boston Div.
Systron Corp.
Ultradyne, Inc.
Wave Particle Corp.
Whittaker Gyro, Div.-Telecomputing Corp. \*GARRETT CORP., THE, AIRESEARCH MFG.

#### Rate-of-Yaw

\*R. C. ALLEN BUSINESS MACHINES, INC.,
AIRCRAFT INDUSTRIES DIV.
Analogue Controls, Inc.,
Eclipse-Pioneer Div., Bendix Aviation Corp.
Elgin Micronics, West Coast Div.-Elgin National Watch Co.
\*GARRETT CORP., THE, AIRESEARCH MFG.

DIVS.
Greenleaf Mfg. Co., The, Div.-Mandrel Industries, Inc.
Kearfort Co., Inc.
\*WALLACE O. LEONARD INC.
Minneapolis-Honeywell Regulator Co., Boston Div.
Wave Particle Corp.
Whittaker Gyro, Div.-Telecomputing Corp.

#### Recording Engine

Air Logistics Corp.
\*GARRETT CORP, THE, AIRESEARCH MFG. SARKETI DIVS. Geisler Labs. Minneapolis-Honeywell Regulator Co., Indust.

## RF Probe

Demornay-Bonardi Demornay-Bonardi Geisler Labs. Hallamore Electronics Co. Kay Electric Co. Narda Microwave Corp., The Uniwave, Inc. Wave Particle Corp. Western International Co.

#### Smoke & Combustion, Electronic

Electric Eye Equipment Co. Electronic Control Corp. Electronics Corp. of America Ess Instrument Co. General Electric Co., Apparatus Sales Div.

#### Sound Level

Air Logistics Corp.
Chesapeake Instrument Corp.
Impact-O-Graph Corp., The
Kay Electric Co.
Photocon Research Products
Telectro Industries Corp.

#### Specific Gravity

Fischer & Porter Co. General Scientific Equipment Co. Liquidometer Corp., The Potter Aeronautical Corp.

#### Strain

B & F Instruments, Inc.
Baldwin-Lima-Hamilton Corp., Electronics
Instrumentation Divs.
Cal-Ohm Labs., Inc.
Clark Electronic Laboratories
Columbia Research Labs.,
Consolidated Avionics Corp.
Dynamic Instrument Co., Inc.
Feneral Electric Co. Apparatus Sales Div. renwal Inc. General Electric Co., Apparatus Sales Div. Greenleaf Mfg. Co., The, Div.-Mandrel Industries Minneapolis-Honeywell Regulator Co., Indust. Div.
Telectro Industries Corp. Ultradyne, Inc. Victory Engineering Corp.

#### Temperature

emperature

Allegany Instrument Co., Inc.
Assembly Products, Inc.
Atlantic Instrument Corp., Sub. American Electronics, Inc.

8 & H Instrument Co., Inc.
Cardinal Instrumentation Corp.
Clark Electronic Laboratories
Consolidated Avionics Corp.
Consolidated Avionics Corp.
Consolidated Avionics Corp.
Thomas A., Edison Ind., Instrument Div.—McGraw-Edison Co.
Electric Auto-Lite Co., The
Electronics Dept., Hamilton Standard Div., United Aircraft Corp.
Fischer & Porter Co.
\*GARRETT CORP., THE, AIRESEARCH MFG. DIVS.
General Electric Co., Apparatus Sales Div.
General Scientific Equipment Co.

E. Vernon Hill & Co.
Illinois Testing Laboratories, Inc.
Minneapolis-Honeywell Regulator Co., Indust. Minneapolis-Honeywell Regulator Co., Industr. Div.
North Atlantic Industries, Inc.
\*KAHN & CO., INC.
Walter Kidde & Co., Inc., Aviation Div.
Leeds & Northrup Co.
Lewis Engrg. Co., The
Liquidometer Corp., The
Minneapolis-Honeywell Regulator Co., Aeronau
tical Div. Minneapolis-Honeywell Regulator tical Divining Palmer Thermometers, Inc. Papesch & Kolstad, Inc. Piezo Products Co.
Powers Regulator Co., The Pyrometer Instrument Co., Inc. Royco Instruments Stewart-Warner Corp. Telectro Industries Corp. Tempil Corp.
Thermo Electric Co., Inc.

Thrust

Allegany Instrument Co., Inc.
Baldwin-Lima-Hamilton Corp., Electronics & Instrumentation Divs.
Clark Electronic Laboratories
Columbia Research Labs.
Consolidated Avionics Corp.
Consolidated Controls Corp.
Dynametrics Corp.
Electronics Dept., Hamilton Standard Div., United
Aircraft Corp.
Elgin Micronics West Coast Div.-Elgin National
Watch Co.
\*\*GARREIT CORP., THE, AIRESEARCH MFG, DIVS.
General Electric Co., Apparatus Sales Div.
Minneapolis-Honeywell Regulator Co., Aeronautical Div.
Minneapolis-Honeywell Regulator Co., Indust.
Div.

#### Torque

Div.

Orque

8 & F. Instruments, Inc.
Baldwin-Lima-Hamilton Corp., Electronics & Instrumentation Divs.
Consolidated Avionics Corp.
Consolidated Controls Corp.
Joe Davidson & Associates
Dynametrics Corp.
Electronics Dept., Hamilton Standard Div.,
United Aircraft Corp.
General Electric Co., Apparatus Sales Div.
Minneapolis-Honeywell Regulator Co., Indust.
Div.
U. S. Gauge Div.-American Machine & Metals,
Inc.

Div. Ulytradyne, Inc. U. S. Gauge Div.-American Machine & Metals,

#### INJECTION SYSTEMS, FUEL

NJECTION SYSTEMS, FUEL

Aero Supply Mfg. Co., Inc.
American Brass Co., The
Arma Div.-American Bosch Arma Corp.
Bendix Products Div., Bendix Aviation Corp.
California Aircraft Products
Eddington Metal Specialty Co.
Electronics Dept., Hamilton Standard Div.,
United Aircraft Corp.
Engineered Products Co., The
Ex-Cell-O Corp.
Fulton-Irgon Corp., The
Walter J. Hyalt Co., The
Marquardt Aircraft Co.
National Aircil Burner Co.
Parker Aircraft Co.
Reaction Motors, Inc.
Stratos, Div.-Fairchild Engine & Airplane Corp.
Sundstrand Turbo Div., Sundstrand Machine Tool
Co.

Co.
AIRCRAFT PRODUCTS, INC.

\*UNITED AIRCRAFT PRODUCTS, INC.
\*VALCOR ENGRG. CORP.
Veet Industries
Wright Aeronautical Div., Curtiss-Wright Corp.

### INJECTION SYSTEMS, WATER

Bendix Products Div., Bendix Aviation Corp. Eddington Metal Specialty Co. Engineered Products Co., The National Airoil Burner Co. Parker Aircraft Co.

\*VALCOR ENGRG. CORP.
Wright Aeronautical Div., Curtiss-Wright Corp.

#### INSULATION MATERIALS

Air Products, Inc.
Air Products, Inc.
Allied Plastics Supply Corp.
Auburn Mig. Co., The
Birmbach Radio Co., Inc.
Duracote Corp.
Eagle-Picher Co., The
Electronic Mechanics, Inc.
Emerson Plastics Corp.
Flock Process Co. Inc.
General Electric Co., Apparatus Sales Div.
Joseph Kaye & Co.
Keytone Electronics Corp.
L. O. F. Glass Fibers Co.
Maryland Lava Co.
Norton Co.
Rubatex Div., Great American Industries Inc.

St. Regis Paper Co.
Seaman Products
Stilcone Insulation, Inc.
Stilcones Div.-Union Carbide Corp.
D. M. Steward Mig. Co.
Swedlow Plastics Co.
Syndhane Corp.
Topper Mig. Co., Inc.
Union Asbestos & Rubber Co.
Zirconium Corp. of America

#### Asbestos

Allied Plastics Supply Corp. Auburn Mfg. Co., The Continental Diamond Fibre Corp. Sub.—The Budd Co. Budd Co.

Eagle-Picher Co., The
Emerson Plastics Corp.
General Electric Co., Apparatus Sales Div.
General Plastics Corp. of New Jersey
Raybestos-Manhattan, Inc.
Rogers Corp.
Silicone Insulation Inc.
Swedlow Plastics Co.
Union Asbestos & Rubber Co.

Ceramic

Allied Plastics Supply Corp.
American Lava Corp.
Auburn Spark Plug Co., Inc.
B G Corp., The

\*\*COOPER DEVELOPMENT CORP.
Corning, Glass Works
Diamonite Products Mfg. Co.
Wilbur B. Driver Co.
Du Co. Ceramics Co.
Electrical Refractories Co., The
Electrical Refractories Co., The
Electrical Refractories Co., The
Electrical Refractories Co., The
Electronic Mechanics, Inc.
Erie Resistor Corp.
General Ceramics Corp.
General Instrument Corp., Defense Products Div.
Isolantite Mig. Corp.
Linde Co., Div. Union Carbide Corp.
Maryland Lava Co.,
Mica Fabricating Co,
Morganite Inc.
Chester Morton Electronics Corp.
Mycalex Corp. of America
Nycalex Corp. of America
Nycalex Corp. of America
Nycalex Corp.
Syltronics
Solar Aiteraft Co.
D. M. Steward Mfg. Co.
Swedlow Plastics Co.,
Thermo Materials, Inc.
Topper Mfg. Co., Inc.
Western Gold & Platimum
\*\*WESTINGHOUSE ELECTRIC CORP.
Zirconium Corp. of America Ceramic

Allied Plastics Supply Corp.
Continental Diamond Fibre Corp. Sub.—The
Budd Co.
Duracote Corp.
L. O. F. Glass Fibers Co.
Lamtex Industries, Inc.
Mycalex Corp. of America
Silicone Insulation, Inc.
Syedlow Plastics Co.
Swedlow Plastics Co.
Union Asbestos & Rubber Co.
Varflex Corp.

#### Glass Fibre

Glass Fibre

Aero Leather Products Co.
Alliced Plastics Supply Corp.
Auburn Mfg. Co., The
Bar-Ray Products, Inc.
William Brand & Co., Inc.
Calfibe Co., Inc.
Continental Diamond Fibre Corp., Sub.—The
Budd Co.
Eagle-Picher Co., The
Emerson & Cuming, Inc.
Emerson Plastics Corp.
Franklin Fibre-Lamitex Corp.
General Electric Co., Apparatus Sales Div.
Hastings Plastics Inc.
L. O. F. Glass Fibers Co.
Lamtex Industries, Inc.
St. Regis Paper Co.
Seaman Products
Silicone Insulation, Inc.
Swedlow Plastics Co.
Synthane Corp.
H. I. Thompson Fiber Glass Co.
Union Asbestos & Rubber Co.

### Nylon

Allied Plastics Supply Corp.
Auburn Mfg. Co., The
William Brand & Co., Inc.
\*BROOK MOLDING CORP.
Continental Biamond Fibre Corp., Sub.-The Budd
Co.

Emerson Plastics Corp.
Engineered Plastics, Inc.
Franklin Fibre-Lamitex Corp.
General Plastics Corp. of New Jersey
General Electric Co., Apparatus Sales Div.
Jodee Plastics Co.
Penn Fibre & Specialty Co., Inc.
St. Regis Paper Co.
Swedlow Plastics Co.
Synthane Corp.
Varflex Corp.

Allied Plastics Supply Corp.
Auburn Mfg. Co., The
Auburn Spark Plug Co., Inc.
William Brand & Co., Inc.
Confinental Diamond Fibre Corp., Sub.—The
Rudd Co. Continental Diamond Fibre Corp Budd Co. Franklin Fibre-Lamitex Corp. Penn Fibre & Specialty Co., Inc. Rogers Corp. St. Regis Paper Co. Swedlow Plastics Co. Synthane Corp.

#### Silicone Compounds

Allied Plastics Supply Co.
Auburn Mig. Co., The
Auburn Spark Plug Co., Inc.
Bacon Industries, Inc.
Biwax Corp.
Continental Diamond Fibre Corp., Sub.—The Budd Co.

Budd Co.

Budd Co.

Electronic Mechanics, Inc.

Electronic Mechanics, Inc.

Emerson Plastics Corp.

Franklin Fibre-Lamitex Corp.

General Electric Co., Apparatus Sales Div.

Industrial Mica Corp.

Pacific Moulded Products Co.

Silicone Insulation, Inc.

Silicone Products Dept., General Electric Co.

Silicones Div.-Union Carbide Corp.

Solar Aircraft Co.

Swedlow Plastics Co.

Synthane Corp.

Varflex Corp.

### INSULATION PARTS

Allied Plastics Supply Corp.
Auburn Mfg. Co., The
N. S. Baer Co.
Birnbach Radio Co., Inc.
Diamonite Products Mfg. Co.
Electronic Mechanics, Inc.
Emerson Plastics Corp.
Enflo Corp.
Epoxy Products, Inc., Div.-Joseph Waldman & Sons
Franklin Fibre-Lamitex Corp.
Garke Corp.
General Gasket Inc.
Goodyear Aircraft Corp.
Herlo-Engry. Corp.
Walter Lee Chemical Corp.
Litton Industries, Components Div.
Maryland Lava Co.
Mica Fabricating Co.
Mica Fabricating Co.
Mica Fabricating Co.
Mica Fabricating Co.
Saxonburg Ceramics
Silicone Insulation, Inc.
Spaulding Fibre Co., Inc.
D. M. Steward Mfg. Co.
Synthane Corp.
Warren Wire Co.
Westlake Plastics, CrystalX Corp.
Zirconium Corp. of America
Ceramic Insulation Parts

Ceramic Insulation Parts

Allied Plastics Supply Corp.
American Lava Corp.
Auburn Spark Plug Co., Inc.
B G Corp., The

\*COOPER DEVELOPMENT CORP.
Corning Glass Works
Diamonite Products Mfg. Co.
Wilbur B. Driver Co.
Electric Auto-Lite Co., The
Electronic Mechanics, Inc.
Erie Resistor Corp.
General Ceramics Corp.
General Ceramics Corp.
General Instrument Corp., Defense Products Div.
Liston Industries, Corp.
Lapp Insulator Co., Inc. Radio Specialties Div.
Litton Industries, Components
Maryland Lava Co.
Mica Fabricating Co.
Mica Fabricating Co.
Morganite, Inc.
Chester Morton Electronics Corp.
Mycolex Corp. of America
Norton Co.
Rogers Corp.
Saxonburg Ceramics
Skytronics
Solar Aircraft Co.
D. M. Steward Mfg. Co.
Swedlow Plastics Co.
Thermo Materials, Inc. Ceramic Insulation Parts

Western Gold & Platinum
\*WESTINGHOUSE ELECTRIC CORP.
Zirconium Corp. of America

## Insulating Sleeves

Insulating Sleeves

Allied Plastics Supply Corp.
Arrowhead Products, Div.—Federal-Mogul-Bower
Bearings, Inc.
Auburn Mfg. Co., The
Birnbach Radio Co., Inc.
Borden Chemical Co., The, Div.-The Borden Co.,
Resinite Dept.
William Brand & Co., Inc.
Calfibe Co., Inc.
Continental Diamond Fibre Corp., Sub.—The
Budd Co.
Corning Glass Works Budd Co.
Corning Glass Works
Crystal-X Corp.
Diamonite Products Mfg. Co.
Wilbur B. Driver Co.
Electronic Techniques, Inc.
Emerson Plastics Corp.
Entlo Corp.
Epoxy Products, Inc., Div.-Joseph Waldman & Sons
Gatke Corp.
General Electric Co., Apparatus Sales Div.
Jodee Plastics Co.
Lamtex Industries, Inc.
Maryland Lava Co.
Mica Fabricating Co.
Mica Fabricating Co.
Products Industries Lamtex Industries, Inc.
Maryland Lawa Co.
Mica Fabricating Go.
Peerless Products Industries
Resistoflex Corp.
Rogers Corp.
Rubbercraft Corp. of California
Saxonburg Ceramics
Silicone Insulation, Inc.
D. M. Steward Mfg. Co.
Suprenant Mfg. Co.
Suprenant Mfg. Co.
Swedlow Plastics Co.
Synthane Corp.
TA Mfg. Corp.
Varflex Corp.
Zippertubing Co., The

Allied Plastics Supply Corp.
Auburn Mfg. Co., The
Borden Chemical Co., The, Div.-The Borden Co.,
Resinite Dept.
Continental Diamond Fibre Corp., Sub.—The
Budd Co.
Corning Glass Works
Crane Packing Co.
Crystal-X Corp.
Diamonite Products Mfg. Co.
Electronic Techniques, Inc.
Emerson Plastics Corp.
Enflo Corp.
Franklin Fibre-Lamitex Corp.
Gathe Corp.
Jodee Plastics Co.
Walter Lee Chemical Corp.
Magnetic Shield Div.-Pefection Mica Co.
Mica Fabricating Co.
Mycalex Corp. of America
Peerless Products Industries
Penn Fibre & Specialty Co., Inc.
Resistoflex Corp.
Rubbercraft Corp. of California
St. Regis Paper Co.
Silicone Insulation, Inc.
Solar Aircraft Co.
Spaulding Fibre Co., Inc.
D. M. Steward Mfg. Co.
Synthane Corp.
Westlake Plastics, CrystalX Corp.

Alied Plastics Supply Corp.
Auburn Mfg. Co., The, Div.-The Borden Co.,
Resinite Dept.
William Brand & Co., Inc.
Caffibe Co., Inc.
Continental Diamond Fibre Corp., Sub.—The
Budd Co.
Corning Glass Works
Crane Packing Co.
Crystal-X Corp.
Electronic Techniques, Inc.
Emerson Plastics Corp.
Endfo Corp.
Epoxy Products, Inc., Div.-Joseph Waldman &
Sons
Franklin Fibre-Lamitex Corp.
Gatke Corp.
Gatke Corp.
General Gasket Inc.
Hastings Plastics Inc.
Jodee Plastics Co.
Walter Lee Chemical Corp.
Mica Fabricating Co.
Mycalex Corp. of America
New England Laminates Co., Inc.
Peerless Products Industries
Penn Fibre & Specialty Co., Inc.
Resistoflex Corp.
Rogers Co Sheets

Spaulding Fibre Co., Inc. Swedlow Plastics Co. Synthane Corp. Warren Wire Co. Westlake Plastics, CrystalX Corp.

### Silicone Rubber Insulation Parts

Allied Plastics Supply Corp.
Arrowhead Products, Div.—Federal-Mogul-Bower Arrowhead Products, Div.—Federal-Mogul-Bower Bearings, Inc.
Auburn Mfg. Co., The
Auburn Mfg. Co., Inc.
Bacon Industries, Inc.
N. S. Baer Co.
William Brand & Co., Inc.
Chicago-Allis Mfg. Corp.
Connecticut Hard Rubber Co., The
Continental Diamond Fibre Corp., Sub.—The
Budd Co.
Continental Rubber Works
Electronic Techniques, Inc.
Emerson Plastics Corp.
General Electric Co., Apparatus Sales Div.
General Gasket Inc.
B. F. Goodrich Aviation Products General Electric Co., Apparatus Sa General Gasket Inc.
B. F. Goodrich Aviation Products New England Tape Co. Inc. Pacific Moulded Products Co. Raybestos-Manhattan, Inc. Rogers Corp. Rubbercraft Corp. of California Security Parachute Co. Silicone Insulation, Inc. Skytronics Stevens Products, Inc. Swedlow Plastics Co. TA Mfg. Corp. Varflex Corp. Vestern Felt Works Wrought Washer Mfg. Co.

## Stampings & Punchings

Accurate Electronics Corp., Dept D
Aerolite Electronics Corp., Dept D
Aerolite Electronics Corp.
Amatom Electronic Hardware Co. Inc.
American Brass Co., The
Auburn Mfg. Co., The
Bergen Carbide Co.
N. Braun Tool & Instrument Co., Inc.
Carroll Pressed Metal, Inc.
Continental Diamond Fibre Corp., Sub.—The
Budd Co. Carroll Pressed Metal, Inc.
Continental Diamond Fibre Corp.,
Budd Co.
J. P. DeVine Mfg. Co.
Electronic Techniques, Inc.
Franklin Fibre-Lamitex Corp.
Gasket, Packing & Specialty Co., Inc.
General Components Inc.
General Casket Inc.
Industrial Mica Corp.
Jodee Plastics Co. General Components Inc.
General Gasket Inc.
Industrial Mica Corp.
Jodee Plastics Co.
Kickhaefer Mig. Co.
Mica Fabricating Co.
Mycalex Corp. of America
Pacific Cut Washer Co.
Parish Pressed Steel, Div. Dana Corp.
Paul & Beekman, Inc.
Peerless Products Industries
Permax Products Industries
Permax Products Industries
Permax Products Inc.
Peerless Products Industries
Permax Products Inc.
Permax Products Div., Chisholm-Ryder Co., Inc.
Rogers Corp.
Ryan Aeronautical Co.
Sealectric Switch & Relay Corp.
Sinclair Mig. Co.
Spaulding Fibre Co., Inc.
Spaulding Fibre Co., Inc.
Spaulding Fibre Co.,
Swedlow Plastics Co.
Swedlow Plastics Co.
Synthane Corp.
Transue & Williams Steel Forging Corp.
Universal Metal Products Inc.

INSULATORS Accurate Electronics Corp., Dept D
Allied Plastics Suply Corp.
Auburn Mfg. Co., The
Auburn Spark Plug Co., Inc.
Birnbach Radio Co., Inc.
Birnbach Radio Co., Inc.
Birnbach Budd Co.
Corp.
Continental Diamond Fibre Corp., Sub.—The
Budd Co.
Corning Glass Works
Diamonite Products, Mfg. Co.
Electronic Techniques, Inc.
Emerson Plastics Corp.
Emile Corp. Electronic Techniques, Inc.
Emerson Plastics Corp.
Emilo Cap.
Erio Resistor Corp.
Erio Resistor Corp.
Erio Resistor Corp.
Garde Mig. Co.
Garde Mig. Co.
Garde Corp.
General Ceramics Corp.
General Components Inc.
Halleff Mig. Co.
Jodee Plastics Corp.
Jocin Mig. Corp.
Jocin Mig. Corp.
Jocin Mig. Corp.
Jocin Mig. Corp.
Lapp Insulator Co., Inc., Radio Specialties Div.
Walter Lee Chemical Corp.
Litton Industries, Components Div.
Maryland Lava Co.
Mica Fabricating Co.
Peerless Products Industries



# **Upset Forging by Commercial Shearing!**

The JATO nozzle for the Hughes Falcon air-to-air guided missile presented some difficult metal forming problems.

Hogging it out of a cylindrical blank would involve considerable machining time and wasted material. Commercial engineers working with Hughes during the developmental stages of this missile produced an upset forging with a through-pierced hole of varying diameters involving tapers at both ends. The internal displacement method refines the grain and eliminates hidden flaws in the metal, assuring greater strength of the finished part.

Tough, unusual and tricky metal forming problems are routine at Commercial, where experience is combined with facilities for metal forming-by Upset Forging, Heavy Stamping or Rotoforming.

Commercial engineers have the experience and freedom to recommend the best method of meeting your problem-for short run or quantity production. They welcome the challenge of your missile production problem. Just send a sample blueprint or sketch of your problem part to The Commercial Shearing and Stamping Company, Dept. X-14, Youngstown 1, Ohio.

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Silicene in wation, Inc. D. Saward Mfg. Co. S. Corp. \*WEST NGHOUSE ELECTRIC CORP.

#### JET ENGINES

American Welding & Mfg. Co., The Continental Aviation & Engrg. Corp. Eaton Mfg. Co. Inc., Fredric Flader Div. General Electric Co. Apparatus Sales Div. Royal Dynamics Corp.

\*WESTINGHOUSE ELECTRIC CORP.
Wright Aeronautical Div., Curtiss:Wright Corp.

#### JOINT ASSEMBLIES

American Flexible Coupling Div., Zurn In-

dustries, Inc.
\*AMERICAN MACHINE & FOUNDRY CO.
Arrowhead Products, Div.—Federal-Mogul-Bower
Bearings, Inc.
Bridgwater Machine Co.
Chiksan Co.

Chiksan Co.

\*COOPER DEVELOPMENT CORP.

Republic Aviation Corp., Guided Missiles Div.

Ryan Acconautical Co.

Solar Aircraft Co.

Stainless Steel Products, Inc.

Telectro Industries Corp.

Vickery Co. The

#### JOINTS

Allegany Instrument Co., Inc.
American Flexible Coupling Div., Zurn Industries, Inc.
Arrowhead Products, Div.—Federal-Mogul-Bower
Bearings, Inc.
Bridgwater Machine Co.
Century Fasteners Corp.
Chiksan Co.
Curtis Universal Joint Co., Inc.
Hammett Electric Co.
Walter K. Jaros, Aircrafters
Republic Aviation Corp., Guided Missiles Div.
Ryan Aeronautical Co.
Sealol Corp.
Solar Aircraft Co.
Stainless Steel Products, Inc.
Vickery Co., The

#### Ball

Allegany Instrument Co., Inc.
American Flexible Coupling Div., Zurn Industries, Inc.
Artwin Industries, Inc.
Arrowhead Products, Div.—Federal-Mogul-Bower Bearings, Inc.
Bridgwater Macnine Co.
Century Fasteners Corp.
Corbin Products Div.
Engineered Products Co., The
Hammett Electric Co.
Walter K. Jaros, Aircrafters
Pic Design Corp., Sub.-Benrus Watch Co., Inc.
Parker Aircraft Co.
Republican Aviation Corp., Guided Missiles Div.
Rohr Aircraft Co.
Nouthwest Products Co.
Southwest Products Co.
Stainless Steel Products, Inc.
Vickery Co., The

American Flexible Coupling Div., Zurn Industries, Inc.
Arkwin Industries, Inc.
Arkwin Industries, Inc.
Arrowhead Products, Div.—Federal-Mogul-Bower
Bearings, Inc.
Bridgwater Machine Co.
Century Fasteners Corp.
Chissan Co.
Hammett Electric Co.
Walter K. Jaros, Aircrafters
Pic Design Corp., Sub.-Benrus Watch Co., Inc.
Parker Aircraft Co.
Republic Aviation Corp., Guided Missiles Div.
Sealol Corp.
Southwest Products Co.
Stainless Steel Products, Inc.
Vickery Co., The
Weatherhead Co., The

#### Torsion

American Flexible Coupling Div., Zurn Industries, Inc.
Arrowhead Products, Div.—Federal-Mogul-Bower Bearings, Inc.
Bridgwater Machine Co.

Hammett Electric Co. Walter K. Jaros, Aircrafters Republic Aviation Corp., Guided Missiles Div. Stainless Steel Products, Inc.

#### Universal

Jniversal
Aero Supply Mfg. Co., Inc.
American Flexible Coupling Div., Zurn Industries, Inc.
Arrowhead Products, Div.—Federal-Mogul-Bower
Bearings, Inc.
Bridgwater Machine Co.
Corbin Products Div.
Curtis Universal Joint Co., Inc.
Hammett Electric Co.
Walter K. Jaros, Aircrafters
Lovejoy Flexible Coupling Co.
Pic Design Corp., Sub-Benrus Watch Co., Inc.
Republic Aviation Corp., Guided Missiles Div.
Stainless Steel Products, Inc.

#### LEAD & ALLOYS

Accurate Specialties Co. Inc. Accurate Specialties Co. Inc.
Alpha Metals, Inc.
Anchor Metal Co., Inc.
Bar-Ray Products, Inc.
Belmont Smelting & Refining Works, Inc.
Belmont Smelting & Refining Works, Inc.
Division Lead Co.
Duroyd Gasket Mfg. Co.
Gasket, Packing & Specialty Co. Inc.
Goldsmith Brothers Smelting & Refining Co.
Solar Aircraft Co.

#### LINERS

ACF Industries, Inc., Advanced Products Div. Allied Research & Engrg., Div. Allied Record Mfg. Co., American Welding & Mfg. Co., The B. F. Goodrich Aviation Products Hupp Aviation Co.

JANITROL AIRCRAFT DIV. SURFACE COM-RUSTION CORP.
Kelsey-Hayes Co.
Lamtex Industries, Inc.
Portland Copper & Tank Works Inc.
Reaction Motors, Inc.
Ryan Aeronautical Co.
Solar Aircraft Co.
Stainless Steel Products, Inc.
Swedlow Plastics Co.
\*WASHINGTON ALUMINUM CO., INC.
Wright Aeronautical Div., Curtiss-Wright Corp.

ACF Industries, Inc., Advanced Products Div. Allied Research & Engrg., Div.-Allied Record

#### Can

Mfg. Co. American Brass Co., The Bridgwater Machine Co. \*COOPER DEVELOPMENT CORP. \*COOPER DEVELOPMENT CORP.
Crystal-X Corp.
\*DIVERSEY ENGRG. CO.
B. F. Goodrich Aviation Products
Hupp Aviation Co.
Kelsey-Hayes Co.
Paul & Beekman, Inc.
Portland Copper & Tank Works Inc.
Ryan Aeronautical Co.
Smith-Morris Corp.
Solar Aircraft Co.
Vorac Co., The
Warren Mfg. Div., Warren Brothers Roads Co.
\*WASHINGTON ALUMINUM CO., INC.
Wright Aeronautical Div., Curtiss-Wright Corp.

#### Combustion Chamber

ACF Industries, Inc., Advanced Products Div. All'ied Research & Engrg., Div. All'ied Record Mfg. Co.
American Welding & Mfg. Co., The Bridgwater Machine Co., California Aircraft Products Carbone Corp., The Continental Diamond Fibre Corp., Sub.—The Bridde Corp. Budd Co.
Corning Glass Works
Cuno Engrq. Corp., The
\*\*DIVERSEY ENGRG. CO.
Eaton Mig. Co., Inc., Fredric Flader Div.,
Finn Aeronautical Div., T, R, Finn & Co., Inc. Flexonics Corp.
Hupp Aviation Co.
Hupp Aviation Co.
HUPA Aviation Co.
HJANITROL AIRCRAFT DIV.-SURFACE COMBUSTION CORP.
Kelsey-Hayes Co.
Lamtex Industries Inc.
\*LAVELLE AIRCRAFT CORP.
Norton Co.
Portland Copper & Tank Works Inc.
Pres'ed Steel Tank Co.
Reaction Motors, Inc.
Ryan Aeronautical Co.
Smith-Morris Corp.
Solar Aircraft Co.
Stainless Steel Products, Inc.
Thompson Products, Inc.
C. W. TORNAGEN CO. INC. Thompson Products, Inc.
\*C. W. TORNGREN CO., INC.
Warren Mfg. Div., Warren Brothers Roads Co.
Wright Aeronautical Div., Curtiss-Wright Corp.

Combustion Chamber, Gas Turbine Engine

Gas Turbine Engine
ACF Industries, Inc., Advanced Products Div.
Allied Research & Engrg., Div. Allied Record
Mfg. Co.
American Welding & Mfg. Co., The
Bridgewater Machine Co.
Carbone Corp., The
Continental Diamond Fibre Corp., Sub.—The

\*COOPER DEVELOPMENT CORP.

\*\*BUDD CO.

\*\*COOPER DEVELOPMENT CORP.

Cuno Engrg. Corp., The

\*\*DIVERSEY ENGRG. CO.

Eaton Mfg. Co., Inc., Fredric Flader Div.

Finn Aeronautical Div., T. R. Finn & Co., Inc.

Hastings Plastics Inc.

Hupp Aviation Co.

Kelsey-Hayes Co.

\*\*LAVELLE AIRCRAFT CORP.

\*\*PICOMING DIV., AYCO MFG. CORP.

Portland Copper & Tank Works Inc.

Pressed Steel Tank Co.

Ryan Aeronautical Co.

Smith-Morris Corp.

Solar Aircraft Co.

Stainless Steel Products, Inc.

Thompson Products, Inc.

Warren Mfg. Div., Warren Brothers Roads Co.

\*\*WESTINGHOUSE ELECTRIC CORP.

Wright Aeronautical Div., Curtiss-Wright Corp.

#### Metal

ACF Industries, Inc., Advanced Products Div. Allied Research & Engrg., Div.-Allied Record Mfg. Co., American Brass Co., The American Welding & Mfg. Co., The Bridgwater Machine Co., California Aircraft Products
\*DIVERSEY ENGRG. CO., Finn Aeronautical Div., T. R. Finn & Co., Inc., Kelsey-Hayes Co. Kelsey-Hayes Co.
Kemp Inc.
Kling Metal Spinning & Stamping Co.
Kling Metal Spinning & Stamping Co.
Henry & Miller Industries, Inc.
Parish Pressed Steel, Div. Dana Corp.
Portland Copper & Tank Works Inc.
Pressed Steel Tank Co.
Ryan Aeronautical Co.
Smith-Morris Corp.
Solar Aircraft Co.
Stainless Steel Products, Inc.
Thompson Products, Inc.

Thompson Products, Inc.

\*\*C. W. TORNGREN CO., INC.

United Mfg. Co., The
Warren Mfg. Div., Warren Brothers Roads Co.

\*\*WASHINGTON ALUMINUM CO., INC.

Wright Aeronautical Div., Curtiss-Wright Corp.

## Rocket Engine

ACF Industries, Inc., Advanced Products Div. Allied Research & Engrg., Div.-Allied Record Mfg. Co. American Welding & Mfg. Co., The Carbone Corp., The Carbone Corp. The \*COOPER DEVELOPMENT CORP. \*DIVERSEY ENGRG. CO. Finn Aeronautical Div., T. R. Finn & Co., Inc. Food Machinery & Chemical Corp., Ordnance Div.
Hastings Plastics Inc.
Kelsey-Hayes Co.
Lamtex Industries. Inc.
\*LAVELLE AIRCRAFT CORP.
Norton Co.
Portland Copper & Tank Works Inc.
Pressed Steel Tank Co.
Reaction Motors, Inc.
Ryan Aeronautical Co.
Smith-Morris Corp.
Thompson Products, Inc.
Turbo Dynamics Corp.
Wright Aeronautical Div., Curtiss-Wright Corp.

#### LIQUID FUELS

Air Products, Inc. American Rocket American Rocket Co.
Bios Labs., Inc.
Callery Chemical Co.
Esso Standard Oil Co.
Food Machine & Chemical Corp., Ordnance Div.
Fulton-Irgon Corp., The
Herrick L. Johnston, Inc.
Olin Mathieson Chemical Corp., High Energy
Fuels Div.
Thompson Products, Inc.

#### LIQUID NITROGEN

Air Products, Inc. Bios Labs., Inc. Herrick L. Johnston, Inc. Thompson Products, Inc.

#### LIQUID OXYGEN

Air Products, Inc. Bios Labs., Inc. Herrick L. Johnston, In Thompson Products, Inc

#### LITHIUM

American Potash & Chemical Corp., National Northern Div. American Rocket Co. Belmont Smelling & Refining Works, Inc. Belmont Smelfing & Refining Works, Inc.
Bios Labs., Inc.
Bram Metallurgical & Chemical Co.
Foote Mineral Co.
Hammeff Electric Co.
Lithium Corp. of America, Inc.
Olin Mathieson Chemical Corp., High Energy
Fuels Div.

#### LOCKNUTS

Abbott Screw & Mfg. Co.
Affiliated Screw Products Co.
Corbin Products Div.
R. C. Dudek & Co.
Dumont Aircraft Fitting Co.
Elastic Stop Nut Corp. of America
Federal Screw Products Inc.
Hi-Shear Rivet Tool Co.
Walter K. Jaros, Aircrafters
Kemp Inc.
Kerns Mfg. Corp.
Lamson & Sessions Co., The
National Lock Co.
Nutt-Shel Co.
Rattan Mfg. Co., The
Republic Steel Corp.
SKF Industries, Inc.
Shur-Lok Corp.
Standard Pressed Steel Co.
Thompson-Bremer & Co.
United-Carr Fastener Corp.

### LOCKS, HYDRAULIC

Bridgwater Machine Co. Hydra-Power Corp. Lyndon Aircraft, Inc. Pacific Div. Bendix Aviation Corp.

## LOCKS, SHAFT

Amatom Electronic Hardware Co. Inc. Bridgwater Machine Co. Dalmore Corp. General Components Inc. Goe Engrg. Co. Waldom Electronics Inc.

#### LUBRICANTS

Acheson Colloids Co., Div.-Acheson Industries, Inc.
Inc.
Alpha-Molykote Corp.
Bios Labs., Inc.
Drilube Co.
Electrofilm, Inc.
Esso Standard Oil Co.
E. F. Houghton & Co.
Kano Labs.
Lehigh Chemical Co.
Lockrey Co., The
Merix Chemical Co.
New York & New Jersey Lubricant Co.
Olin Mathieson Chemical Corp., High Energy
Fuels Div.
Fuels Div.
Fortective Coatings, Inc.
Stewart-Warner Corp.
White & Bagley Co., The
Wye Industries Acheson Colloids Co., Div.-Acheson Industries,

## LUBRICATING DEVICES

Drilube Co. \*STALKER DEVELOPMENT CO. Stewart-Warner Corp.

#### MAGNESIUM & ALLOYS

Aluminum Co. of America American Silver Co. American Silver Co.
Bios Labs., Inc.
Bram Metallurgical & Chemical Co.
Dow Chemical Co., The
Light Metals, Inc.
Magline Inc.
South River Metal Products Co., Inc.

#### MAGNETOS AND PARTS

Arma Div.-American Bosch Arma Corp. Hammett Electric Co. Scintilla Div., Bendix Aviation Corp.

#### MANGANESE

Barium & Chemicals, Inc. Belmont Smelting & Refining Works, Inc. Beimont Smelting & Retining Works, Bios Labs., Inc. Bram Metallurgical & Chemical Co. Foote Mineral Co. Metals & Controls Corp.

#### MANIFOLDS

ACF Industries, Inc., Advanced Products Div. Aeroquip Corp.

Associated Co., Inc.
Beaton & Corbin Mfg. Co., The
California Aircraft Products
Futurecraft Corp.
Herlo Engrg. Corp.
Herlo Engrg. Corp.
Kaiser Aircraft & Electronics Div. Kaiser
Industries Corp.
Kelsey-Hayes Co.
Penn-Michigan Mfg. Corp.
Republic Aviation Corp., Guided Missiles Div.
Rohr Aircraft Corp.
Ryan Aeronautical Co.
Smith-Morris Corp.
Solar Aircraft Co.,
Stainless Steel Products, Inc.
Thieblat Aviation Co., Div.-Vitro Corp. of
America
\*UNITED AIRCRAFT PRODUCTS, INC.
Weber Aircraft Corp.

## Air System

ACF Industries, Inc., Advanced Products
Aeroquip Corp.
\*AMERICAN TUBE BENDING CO., INC.
Associated Co., Inc.
Beaton & Corbin Mfg. Co., The
Flexonics Corp.
Futurecraft Corp.
Kaiser Aircraft & Electronics Div.Keisey-Hayes Co.
\*LAYELE AIRCRAFT. ACF Industries, Inc., Advanced Products Div. & Electronics Div.-Kaiser \*LAVELLE AIRCRAFT CORP. \*LAYELLE AIRCRAFI CORP.
Rohr Aircraft Corp.
Ryan Aeronautical Co.
Stainless Steel Products, Inc.
Thompson Products, Inc.
\*UNITED AIRCRAFT PRODUCTS, INC.
Weber Aircraft Corp.
Westholt Mfg. Co.

Fuel

ACF Industries, Inc., Advanced Products Div. Aeroquip Corp.

\*AMERICAN TUBE BENDING CO., INC. Beaton & Corbin Mfg. Co., The Cromer Mfg. & Engrg., Inc. Flexonics Corp. Futurecraft Corp. Houston Fearless Corp. Herrick L. Johnston, Inc. Kaiser Aircraft & Electronics Div. Kaiser Industries Corp. Kelsey-Hayes Co.
\*LAYELLE AIRCRAFT CORP. Resistoflex Corp. Ryan Aeronautical Co. Stainless Steel Products, Inc.
\*UNITED AIRCRAFT PRODUCTS, INC. Westholt Mfg. Co.

## Ignition

ACF Industries, Inc., Advanced Products Div.
Beaton & Corbin Mig. Co., The
Co-operative Industries, Inc.
General Laboratory Associates, Inc.
Hallett Mig. Co.
Kelsey-Hayes Co.
Scintilla Div., Bendix Aviation Corp.
Servicair Co.
Skytronics
Solar Aircraft Co.

#### Intake and Exhaust

Intake and Exhaust

ACF Industries, Inc., Advanced Products Div. Aircraft Mechanics, Inc.

Associated Co., Inc.
Beaton & Corbin Mfg. Co., The California Aircraft Products
Cromer Mfg. & Engrg., Inc.
Flexonics Corp.
Kaiser Aircraft & Electronics Div.-Kaiser Industries Corp.
Kelsey-Hayes Co.
\*LYCOMING DIV., AVCO MFG. CORP.
Rohr Aircraft Corp.
Ryan Aeronautical Co.
Smith-Morris Corp.
Solar Aircraft Co.
Stainless Steel Products, Inc.
Thompson Products, Inc.

### Nitrogen

ACF Industries, Inc., Advanced Products Div. Aeroquip Corp. Air Reduction Sales Co., Div.-Air Reduction Co., Inc.

Air Reduction Sales Co., Div.-Air Reduction Co., Inc.

\*AMERICAN TUBE BENDING CO., INC.

ARO Equipment Corp., The Cromer Mig. & Engrg., Inc.

Herrick L Johnston, Inc.

Kaiser Aircraft & Electronics Div.-Kaiser Industries Corp.

Kelsey-Hayes Co.

Oxygen Equipment & Service Co.

Solar Aircraft Co.

Stainless Steel Products, Inc.

#### Oxygen

ACF Industries, Inc., Advanced Products Div. Aeroquip Corp. Air Reduction Sales Co., Div.-Air Reduction Co., Inc. Air Reduction Sales Co., Div.-Air Reduction Co., Inc.
Co., Inc.
AND Equipment Corp., The Carleton Aviation Co., Inc.
Cromer Mig. & Engrg., Inc.
Houston Fearless Corp.
Herrick L. Johnston. Inc.
Kaiser Aircraft & Electronics Div.-Kaiser Industries Corp.
Kelsey-Hayes Co.,
Oxygen Equipment & Service Co.
Purtian Compressed Gas Corp., Aviation Div.
Rohr Aircraft Corp.
Solar Aircraft Corp.

ACF Industries, Inc., Advanced Products Div.
\*AMERICAN TUBE BENDING CO., INC.
Kaiser Aircraft & Electronics Div.-Kaiser Industries Corp.
Kelsey-Hayes Co.,
Stainlets Steel Products, Inc.

## MANIPULATORS, NUCLEAR

Central Research Laboratories, Inc. Mechanical Div.-General Mills, Inc.

## MASKS, APERTURE, TUBE

Skiatron Electronics & Television Corp. Waldom Electronics Inc.

#### MERCURY

Anchor Metal Co. Inc.
Belmont Smelting & Refining Works, Inc.
Bios Labs., Inc.
Bios Metallurgical & Chemical Co.
Dynametrics Corp.
Eastern Smelting & Refining Corp.
Hammett Electric Co.

#### METAL CLAD SHEETS

Allied Plastics Supply Corp.
Alluminum Co. of America
American Silver Co.
Belmont Smelting & Refining Works, Inc.
Continental Diamond Fibre Corp., Sub.—The
Budd Co.
Dwyer Engrg. Co., Inc.
Lukens Steel Co.
Luria Engrg. Co.
Magnetic Shield Div.-Perfection Mica Co.
Metals & Controls Corp.
New England Laminates Co., Inc.
Revere Copper & Brass Inc.
Synthane Corp.
Techniques, Inc.
United Mfg. Co., The
United States Steel Corp. Allied Plastics Supply Corp.

#### METAL MACHINING

METAL MACHINING

Abalon Precision Mfg, Corp.
Advanced Electronics, Inc.
Aerodex, Inc.
Aerodex, Inc.
American Optical Co., Instrument Div.
Ampco Metal, Inc.
Anchor Specialty Mfg, Co. Inc.
Associated Co., Inc.
Bergen Carbide Co.
Bridgwater Machine Co.
Bullard Co., The
J. H. Bunnell & Co.
California Aircraft Products
Champion Aircuipment Inc.
C. B. Christiansen Co.
Clark-Aiken Co., The
Clausing Div.-Atlas Press Co.
\*COOPER DEVELOPMENT CORP.
\*DALMO VICTOR CO., DIV.-TEXTRON INC.
G. M. Diehl Machine Works
\*DIVERSEY ENGRG. CO.
Dwyer Engrg. Co., Inc.
Elgin Micronics, West Coast Div.-Elgin National
Watch Co.
Federal Machine Co., Inc.
Foote Brothers Gear & Machine Corp.
Freeman Co., The
G. W. Galloway Co.
General Findings & Supply Co., Industrial Div.
General Railway Signal Co.
Goodyear Aircraft Corp.
Graflex, Inc.
B. H. Hadley, Inc.
Hahn & Clay
\*HARTFORD MACHINE SCREW CO.
Heldor Mfg. Co., Inc.
Lenny & Miller Industries, Inc.
Alfred Hofmann & Co.
\*HOUDAILLE INDUSTRIES, INC., BUFFALO HYDRAULICS DIV.
Hubber Industries, Inc.
Ingersoll Kalamazoo Div., Borg-Warner Corp.

Walter K. Jaros, Aircrafters Jennings & Co. Kaiser Aircraft & Electronics Div. Kaiser Indus-tries Corp. Kelsey-Hayes Co. Kelsey-Hayes Co.
Kemp Inc.
Kemp Inc.
Kemp Inc.
Kemp Inc.
Kemp Mfg. Corp.
Keystone Electronics Corp.
Ladissor
La Kelsey-Hayes
Kemp Inc.
Kerns Mfg. Corp.
Keystone Electronics Corp.

Waldort Instrument Co., whether Sons Warren Mig. Div., Warren Brothers Roads Co. Wells Industries Corp. Western Arc Welding, Inc., Winchester-West. Div. Olin Mathieson Chem.

Winder Aircraft Corp. of Fla.
Wright Aeronautical Div., Curtiss-Wright Corp.

#### METAL PARTS

Abalon Precision Mfg. Corp.
Aerolite Electronics Corp.
Kerns Mfg. Corp.
American Brass Co., The
American Standard Products, Inc.
Amplex Div.-Chrysler Corp.
Belmont Smelting & Refining Works, Inc.
Bergen Carbide Co.
Bound Brook Oil-Less Bearing Co.
Bridgwater Machine Co.
J. H. Bunnell & Co.
Century Fasteners Corp.
Chicago Screw Co., The, Div.-Standard Screw
Co.

J. H. Bunnell & Co.
Century Fasteners Corp.
Chicago Screw Co., The, Div.-Standard Screw
Co.,
Cleveland Graphite Bronze Co., Div.-Clevite
Corp.
\*COOPER DEVELOPMENT CORP.
\*DALMO VICTOR CO., DIV.-TEXTRON INC.
Dumont Aircraft Fitting Co.
Ex-Cell-O Corp.
Falstrom Co.
Federal Machine Co., Inc.
Garde Mig. Co.
Geartronics Corp.
B. H. Hadley, Inc.
Hamilton Watch Co., Military Products Div.
Walter K. Jaros, Aircrafters
Kasar Mfg. & Distributing Co., Inc.
Kewp Inc.
Reystone Electronics Corp.
La Pointe Industries Inc.
KLAYEZZI MACHINE WORKS
Litton Industries, Components Div.
Lytle Engrg. & Mfg. Co.
J. A. Maurer, Inc.
Menasco Mfg. Co.
Mercury Air Parts Co., Inc.
Metal Masters, Inc.
R. 1. Metpro, Inc.
Metal Masters, Inc.
R. 1. Metpro, Inc.
Misco Precision Casting Co.
Ozone Metal Products Corp.
Peerless Products Industries
Raybestos-Manhattan, Inc.
Republic Aviation Corp., Guided Missiles Div.
Rosan, Inc.
Ryan Aeronautical Co.
St. Marys Carbon Co., Inc.
\*SCREW PRODUCTS CORP. OF AMERICA
Seamless Products Corp. Poscentess Products Corp. Inc.
\*SCREW PRODUCTS CORP. OF AMERICA
Seamless Products Corp. Inc.

Smith-Morris Corp. Springfield Brass Co. Wm, Steinen Mig. Co. Sundstrand Turbo Div., Sundstrand Machine Tool Sundstrand Turbo Ulv., Johnson.

Sulvania Electric Products Inc., Parts Div.
Co., Sylvania Electric Products Inc., Parts Div.
Titan Metal Mfg. Co., Tocrington Co., The
Transue & Williams Steel Forging Corp.
United Shoe Machinery Corp.
United Shoe Machinery Corp.
United Shoe Machinery Corp.
United Shoe Machinery Corp.
WASHINGTON ALUMINUM CO., INC.
Winder Aircraft Corp. of Fla.

Bushings

Bushings

Acme Industrial Co.
Affiliated Screw Products Co.
Affiliated Screw Products Co.
Affiliated Screw Products Co.
American Brake Shoe Co.
American Non Gran Bronze Co.
American Standard Products, Inc.
American Steal Foundries, Hammond Div.
Amplex Div.-Chrysler Corp.
Associated Co., Inc.
Bergen Carbide Co.
Bound Brook Oil-Less Bearing Co.
J. H. Bunnell & Co.
Century Fasteners Corp.
Cleveland Graphite Bronze Co., Div.-cievite
Corp.
Corbin Products Div.
Dayton Mfg. Co., Inc.
R. C. Dudek & Co.
Dumont Aviation Fitting Co.
Dumont Aviation Fitting Co.
Dumont Aviation Fitting Co.
Dumont Aviation Associates
Elastic Stop Nut Corp. of America
Eligin Micronics, West Coast Div.-Elgin National Watch Co.
Engineered Products Co., The
Ex-Cell-O Corp.
Federal Machine Co. Inc.
General Cable Corp.
General Railway Signal Co.
B. H. Hadley, Inc.
Walter K. Jaros, Aircrafters
Kasar Mfg. & Distributing Co., Inc.
Kemp Inc.
La Pointe Industries Inc.
La Pointe Industries Inc.

Walter K. Jaros, Aircrafters
Kasar Mfg. & Distributing Co., Inc.
Kemp Inc.
La Pointe Industries Inc.
Litton Industries, Components Div.
\*LYCOMING DIV., AVCO MFG. CORP.
J. A. Maurer, Inc.
Mercury Air Parls Co., Inc.
Henry & Miller Industries, Inc.
Orange Roller Bearing Co., Inc.
Pic Design Corp., Sub.—Bennus Watch Co., Inc.
Parker Aircraft Co.
Peerless Products Industries
Progressive Research & Development Co., Inc.
True Alloys Inc.
Randall Graphite Bearings, Inc.
Rattan Mfg. Co., The
Rosan, Inc.
St. Marys Carbon Co.
\*SCREW PRODUCTS CORP. OF AMERICA
Seamless Products Co., Inc.
Southwest Products Co., Inc.
Southwest Products Co., Southwest Products Co.,
Springfield Brass Co.,
Sundstrand Turbo Div., Sundstrand Machine Tool
Co.

#### Lead

Alpha Metals, Inc.
Anchor Metal Co. Inc.
Bar-Ray Products, Inc.
Belmont Smelting & Refining Works, Inc.
Cleveland Graphite Bronze Co., Div.-Clevite
Corp.
Division Lead Co.

#### Powdered

Amplex Div.-Chrysler Corp.
Bound Brook Oil-Less Bearing Co.
Cuno Engrg. Corp., The
Division Lead Co.
Eaton Mfg. Co.
Gibson Electric Co.
Magnetic Shield Div.-Perfection Mica Co.
J. A. Maurer, Inc.
Raybestos-Manhattan, Inc.
St. Manys Carbon Co.
\*STAINLESS PROCESSING DIV., WALL COLMONOY CORP.
Stewart-Warner Corp.
Superior Carbon Products, Inc.
Uniwave, Inc.

Superior Carpon Products, Inc.
Uniwave, Inc.
S. K. Wellman Co., The
\*WESTINGHOUSE ELECTRIC CORP.

## Screw Machine

Abalon Precision Mfg. Corp.
Ababott Screw & Mfg. Co.
Abbott Screw & Mfg. Co.
Affiliated Screw Products Co.
Airborne Research & Development Corp.
Aircraft Fitting Co., The
All American Aircraft Products, Inc.
Aluminum Co. of America
Amatom Electronic Hardware Co. Inc.
American Non Gran Bronze Co.

American Standard Products, Inc.
American Tool Co.
Associated Co., Inc.
Associated Co.
Bergen Carbide Co., The
Brighton Tool & Die Co.
J. H. Bunell & Co.
Century Fasteners Corp.
Champion Airquipment Inc.
Chicago Screw Co., The, Div.-Standard Screw
Co. J. H. Bunnell & Co.
Century Fasteners Corp.
Champion Airquipment Inc.
Chicago Screw Co., The, Div.-Standard Screw
Co.
Circon Component Corp.
Circon Component Corp.
Connector Corp. of America
Corbin Products Div.
Dalmore Corp.
Dayton Mig. Co., Inc.
Dumont Aircraft Fitting Co.
Dumont Aircraft Fitting Co.
Dumont Aircraft Fitting Co.
Dumont Aircraft Fitting Co.
Dumont Aviation Associates
Electronic Techniques, Inc.
Elgin Micronics, West Coast Div.-Elgin National Watch Co.
Engineered Products Co., The
Freeman Co., The
Geartronics Corp.
General Components Inc.
General Findings & Supply Co., Industrial Div.
General Railway Signal Co.
Goe Engrg. Co.
Graflex, Inc.
Hamilton Watch Co., Military Products Div.
\*HARTFORD MACHINE SCREW CO., DIV.STANDARD SCREW CO.
Alfred Hofmann & Co.
Walter K. Jaros, Aircrafters
Jones & Lamson Machine Co.
Kasar Mig. & Distributing Co., Inc.
Litton Industries; Components Div.
\*LYCOMING DIV., AVCO MFG. CORP.
J. A. Maurer, Inc.
Mercury Air Parls Co., Inc.
Lenry & Miller Industries, Inc.
National Airoil Burner Co.
Research Development Mig. Inc.
Rosan, Inc.
\*SCREW PRODUCTS CORP. OF AMERICA
Seamless Products Div., Chisholm-Ryder Co., Inc.
Percise Instrument Parts Co., A Corp.
Research Development Mig. Inc.
Rosan, Inc.
\*SCREW PRODUCTS CORP. OF AMERICA
Seamless Products Co., Inc.
Sinclair Mig. Co.
Strandard Locknut & Lockwasher Inc.
Sundstrand Turbo Div., Sundstrand Machine Tool
Co.
Tochnical Oil Tool Corp.
Titan Metal Mig. Co.
Tochnical Oil Tool Corp.
Titan Metal Mig. Co.
Tochnical Oil Tool Corp.
Titan Metal Mig. Co.
Western Automatic Machine Screw Co., Div.
Strandard Screw Co.
Winchester-West, Div.-Olin Mathieson Chem.
Winchester-West, Div.-O

Winder Aircraft Corp. of Fla.
J. H. Winn Inc.
Wright Aeronautical Div., Curtiss-Wright Corp.

## Small Metal Stampings

Small Metal Stampings

A&P Metal Products Mfg. Corp.
Abalon Precision Mfg. Corp.
Abbott Screw & Mfg. Co.
Accurate Electronics Corp., Dept. D
Accurate Specialties Co. Inc.
Acme Mfg. & Gasket Co.
Aerodex, Inc.
Acrome Mfg. & Gasket Co.
Aerodex, Inc.
Arenicle Electronics Corp.
Aircraft Mechanics, Inc.
All American Aircraft Products, Inc.
Amatom Electronic Hardware Co. Inc.
Armerican Brass Co., The
Anchor Metal Co. Inc.
Art Wire & Stamping Co.
Associated Co., Inc.
Atlas E-E Corp.
Auburn Mfg. Co., The
Basic Tool Industries, Inc.
Bergen Carbide Co.
Buffer Mfg. Co.
Culffornia Aircraft Products
Carroll Presed Metal, Inc
Corbin Products Div.
Dayton Mfg. Co., Inc.
J. P. DeVine Mfg. Co.
Dumont Aviation Associates
Electronic Techinaues, Inc.
Elgin Micronics, West Coast Div.-Elgin National
Watch Co.
Em Mfg. Co. Inc.
Engineered Products Co., The
Erie Resistor Corp.

Essex Mfg. Co., Inc.
Garde Mfg. Co.
Gasket Mfg. Co., Inc.
Gasket, Packing & Specialty Co., Inc.
Gasket, Packing & Specialty Co., Inc.
General Components Inc.
General Findings & Supply Co., Industrial Div.
General Railway Signal Co.
Graflex, Inc.
Hamilton Watch Co., Military Products Div.
Hunter Spring Co.
Walter K. Jaros, Aircrafters
Kaiser Aircraft & Electronics Div.-Kaiser Industries Corp.
Kelsey-Hayes Co.
Kickhaefer Mfg. Co.
King Metal Spinning & Stamping Co.
La Pointe Industries Inc.
Lectronics, Inc.

Kelsey-Hayes Co.
Kickhaeler Mfg. Co.
Kickhaeler Mfg. Co.
Kiling Metal Spinning & Stamping Co.
La Pointe Industries Inc.
Leetronics, Inc.
LeyCoMING DIV., AVCO MFG. CORP.
Lytle Engrg. Mfg. Co.
Malco Iool & Mfg. Co.
Mercury Air Parts Co., Inc.
Metal Forming Corp.
Metal Masters, Inc.
R. I. Metpro, Inc.
Micro-Wire Tungsten & Molybdenum Products
Henry & Miller Industries, Inc.
National Lock Co.
Ozone Metal Products Corp.
Pacific Cut Washer Co., To.
Parish Pressed Steel, Div.-Dana Corp.
Paul & Beekman, Inc.
Peerless Products Univ., Chisholm-Ryder Co., Inc.
Perless Products Industries
Permax Products Div., Chisholm-Ryder Co., Inc.
Philico Corp., Government & Industrial Divs.
Positive Lock Washer Co., The
Progressive Research & Development Co., Inc.
Reliable Spring & Wire Forms Co., The
Roland Teiner Co. Inc.
Rowe Industries
Ryan Aeronautical Co.
RYAN INDUSTRIES
St. Marys Carbon Co.
Schaffer Air Industries, Inc.
Sealectric Switch & Relay Corp.
Seamless Products Co., Inc.
Sinclair Mfg. Co.
Smith-Morris Corp.
South River Metal
Specialties Mfg. Co., Inc.
Specialties Mfg. Co., Inc.
Specialties Mfg. Co., Inc.
Specialties Mfg. Co., Inc.
Transue & Williams Steel Forging Corp.
Technical Oil Tool Corp.
Technical Oil Tool Corp.
Technical Specialties, Inc.
Transue & Williams Steel Forging Corp.
Tricon Mfg. Co.
Turbo Products, Inc.
Transue & Williams Steel Forging Corp.
Tricon Mfg. Co., Inc.
United Shoe Machinery Corp.
Waterbury Companies, Inc.
Twix Mfg. Co., Inc.
United Shoe Machinery Corp.
Waterbury Companies, Inc.
Wenco Mfg. Co.
Winchester-West. Div.-Olin Mathieson Chem.
Corp.
Winder Aircraft Corp. of Fla.
J. H. Winn Inc.
Wrought Washer Mfg. Co.

#### Spinnings

Spinnings

Amatom Electronic Hardware Co. Inc.
Associated Co., Inc.
California Aircraft Products
Dayton Mig. Co., Inc.
Den & Benson Research Inc.
DIVERSEY ENGRG. CO.
Elgin Micronics-West Coast Div.-Elgin National
Watch Co.
Food Machine & Chemical Corp., Ordnance Div.
Henry & Miller Industries, Inc.
Watch K. Jaros, Aircrafters
Kaiser Aircraft & Electronics Div.-Kaiser Industries Corp.
Kling Metal Spinning & Stamping Co.
La Pointe Industries Inc.
LYCOMING DIV., AYCO MFG, CORP.
\*\*PHOENIX PRODUCTS CO.
Royal Industries, Inc.
Seamless Products Co., Inc.
Spincraft, Inc.
Superior Spinning & Stamping Co.
Roland Teiner Co. Inc.
Spincraft, Inc.
Co. W. TORNGREN CO., INC.
United States Chemical Milling Corp.
Wright Aeronautical Div., Curtiss-Wright Corp.

#### Trimmings

Elgin Micronics, West Coast Div. Elgin National Watch Co. General Railway Signal Co. Henry & Miller Industries, Inc. Kaiser Aircraft & Electronics Div. Kaiser In-dustries Corp. La Pointe Industries Inc. Smith-Morris Corp.

Solar Aircraft Co.
Thieblot Aviation Co., Div.-Vitro Corp. of
America
Winder Aircraft Corp. of Fla.

#### MIDFRAME SECTIONS

Ainslie Corp. American Car & Foundry Div., ACF Industries,

Ainslie Corp.
American Car & Foundry Div., ACF Industries, Inc.

\*AMERICAN MACHINE & FOUNDRY CO.
American Welding & Mfg. Co., The
Arnolt Corp.
Associated Co., Inc.
Morris Bean & Co.
Bridgwater Machine Co.
\*DIVERSEY ENGRG. CO.
Goodyear Aircraft Corp.
Alfred Hofmann & Co.
Kelsey-Hayes Co.
Longren Aircraft Co., Inc.
Parish Pressed Steel, Div.-Dana Corp.
Portland Copper & Tank Works Inc.
Republic Aviation Corp., Guided Missiles Div.
\*RHEEM MFG. CO., AIRCRAFT DIV.
Royal Industries, Inc.
Ryan Aeronautical Co.
Smith-Morris Corp.
Solar Aircraft Co.
Thieblot Aviation Co., Div.-Vitro Corp. of
America
Thompson Products, Inc.
United Mfg. Co., Inc.
Weber Aircraft Corp.
Winder Aircraft Corp.

\*MISCILE DOCUMENTS.

#### MISSILE BOOSTERS

American Car & Foundry Div., ACF Industries,

American Car & Foundry Div., ACF Industries, Inc.

\*AMERICAN MACHINE FOUNDRY CO.
American Rocket Co.,
American Welding & Mfg. Co., The
Atlantic Research Corp.

\*COOPER DEVELOPMENT CORP.

\*DIVERSEY ENGRG. CO.
G. W. Galloway Co.
Goodyear Aircraft Corp.

\*GRAND CENTRAL ROCKET CO.

\*GRER HYDRAULICS, INC.
Hahn & Clay
Ingersoll Kalamazoo Div., Borg-Warner Corp.
Lukens Steel Co.
McCormick Selph Associates
Pressed Steel Tank Co.
Propellex Chemical Corp.
Reaction Motors, Inc.
Republic Aviation Corp., Guided Missiles Div.
Standard Armament, Inc.
Thompson Products, Inc.
Wheland Co., The
Winder Aircraft Corp. of Fla.
Wright Aeronautical Div., Curtiss-Wright Corp.

## MONOPROPELLANTS

Air Products, Inc. American Rocket Co. Atlantic Research Corp. Olin Mathieson Chemical Corp., High Energy Fuels Div. Thomspon Products, Inc.

## MOTORS, CLOCK

Advanced Products Co., The
American Brass Co., The
Globe Industries, Inc.,
Hamilton Watch Co., Military Products Div.
Hammest Electric Co.,
Hansen Mig. Co., Inc.
\*A. W. HAYDON CO., THE
Haydon Div.-General Time Corp.
Hunter Spring Co.
Instrument Motors

## MOTORS, CONTROL

MOTORS, CONTROL

A&P Metal Products Mfg. Corp.
Airborne Accessories Corp.
Airborne Accessories Corp.
Airborne Betories Corp.
Aire Marine Motors, Inc.
Ashland Electric Products, Inc.
Bodine Electric Co.
Celco-Constantine Engrg, Laboratories Co.
Culter-Hammer Inc.
Joe Davidson & Associates
Diehl Mfg. Co.
Eclipse-Pioneer Div., Bendix Aviation Corp.
Eldison Co.
Electric Indicator Co., Inc.
General Electric Co., Apparatus Sales Div.
Hammert Electric Co.
\*A. W. HAYDON CO., THE
Haydon Div.-General Time Corp.
Helipot Corp.
Hertner Electric Co., The
Hoover Electric Co., Inc.
Industrial Control Co.

Kearfott Co., Inc.
Kollsman Instrument Corp., Sub.—Standard Coil
Products Co., Inc.
Land-Air, Inc., Sub.—California Eastern Aviation, 

#### MOUNTINGS, METALLIC

\*AMERICAN MACHINE & FOUNDRY CO.
American Steel Foundries, Hammond Div.
Bridgwater Machine Co.
General Cable Corp.
Graflex, Inc.
Huber Industries, Inc.
La Pointe Industries, Inc.
J. A. Maurer, Inc.
Pic Design Corp., Sub.—Benrus Watch Co., Inc.
Parish Pressed Steel, Div.Dana Corp.
Republic Aviation Corp., Guided Missiles Div.
Robinson Aviation, Inc.
Ryan Aeronautical Co.
Thompson Products, Inc.
United Mig. Co., The
WMSSHINGTON ALUMINUM CO., INC.
Winder Aircraft Corp. of Fla. \*AMERICAN MACHINE & FOUNDRY CO.

#### MOUNTINGS, NON METALLIC

Continental Diamond Fibre Corp., Sub.—The Budd Co. Continental Rubber Works Continental Kuduel Works Gatke Corp., Republic Aviation Corp., Guided Missiles Div. Rubbercraft Corp. of California Winder Aircraft Corp. of Fla.

#### MOUNTINGS, VIBRATION AND SHOCK

\*AMERICAN MACHINE & FOUNDRY CO.
American Steel Foundries, Hammond Div.
Arrowhead Products, Div.—Federal-Mogul-Bower
Bearings, Inc.
Bridgwafer Machine Co.
Calfibe Co., Inc.
Cleveland Pneumatic Tool Co., The, Div.—
Cleveland Pneumatic Industries, Inc.
Columbia Research Labs.
Continental Diamond Fibre Corp., Sub.—The
Budd Co.
Continental Rubber Works
Joe Davidson & Associates
Finn Aeronautical Div., T. R. Finn & Co., Inc.
Gatke Corp. Joe Davidson & Associates
Finn Aeronautical Div., T. R. Finn & Co., Inc.
Gatke Corp.
General Cable Corp.
Hamilton Kent Mig. Co.
HOUDAILLE INDUSTRIES, INC., BUFFALO
HYDRAULICS DIV.
Walter K. Jaros, Aircrafters
Walter Kidde & Co., Inc., Aviation Div.
La Pointe Industries Inc.
MB Mig. Co.
Pacific Moulded Products Co.
Raybestos-Manhattan, Inc.
Rubbercraft Corp. of California
Thompson Products, Inc.
Ucinite Co., The, Div.—United-Carr Fastener
Corp.
United Mig. Co., The
United Carr Fastener Corp.
\*WASHINGTON ALUMINUM CO., INC.
Winder Aircraft Corp. of Fla.

## MOUNTS, ANTENNA

Ainslie Corp.
Airborne Instruments Lab., Inc.
All American Aircraft Products, Inc.
American Brass Co., The
American Car & Foundry Div., ACF Industries,

\*AMERICAN MACHINE & FOUNDRY CO.

AMÉRICAN MACHINE & FOUNDRY CO.
Antiab Inc.
Continental Diamond Fibre Corp., Sub.—The
Budd Co.
Dayton Aircraft Products, Inc.
G. M. Dykes Iron Works, Inc.
Eclipse-Pioneer Div., Bendix Aviation Corp.
Elm Mig. Co., Inc.
General Railway Signal Co.
Kaiser Aircraft & Electronics Div.-Kaiser
Industries Corp.
La Pointe Industries, Inc.
MB Mig. Co.
Mechanical Div.-General Mills, Inc.
Permax Products Div., Chisholm-Ryder Co., Inc.
Reeves Instrument Corp.,
Republic Aviation Corp.,
Guided Missiles Div.
Robinson Aviation, Inc.

Robot Appliances Inc.
Shaw Metal Products Corp.
321 Aircraft Co.
Tain Incal Appliance Corp.
Felectro Industries Corp.
Twix Mig. Co., Inc.
\*WASHINGTON ALUMINUM CO., INC.
Wind Turbine Co.
Winder Aircraft Corp. of Fla.

## MOUNTS, ENGINE

ACF Industries, Inc., Advanced Product
\*AMERICAN MACHINE & FOUNDRY CO Products Div. \*AMERICAN MACHINE & FOUNDRY CO.
Applied Design Co.
Arnolf Corp.
Bridgwater Machine Co.
Calcor Corp., Aircraft Div.
Columbia Research Labs.
Continental Diamond Fibre Corp., Sub.—The
Budd Co.
G. M. Dykes Iron Works, Inc.
Eaton Mig. Co., Inc., Fredric Flader Div.
Herio Engrg. Corp.
Alfred Hofmann & Co.
Houston Fearless Corp.
Walter K. Jaros, Aircrafters
Kaiser Aircraft & Electronics Div.-Kaiser
Industries Corp.
La Pointe Industries, Inc.
\*LAYELLE AIRCRAFT CORP.
\*LYCOMING DIV., AYOO MFG. CORP.

La Folhie Industries, Inc.
\*LAYELLE AIRCRAFT CORP.
\*LYCOMING DIV., AVCO MFG. CORP.
MB Mfg. Co.
Republic Aviation Corp., Guided Missiles Div.
Robinson Aviation, Inc.
Ryan Aeronautical Co.
Shaw Metal Products Corp.
Skinner Precision Products
Smith-Morris Corp.
Southwest Products Co.
Thompson Products. Inc.
United Mfg. Co., The
\*WASHINGTON ALUMINUM CO., INC.
Western Arc Welding, Inc.
Winder Aircraft Corp. of Fe.

## MOUNTS, SHOCK

\*AMERICAN MACHINE & FOUNDRY CO. AMERICAN MACHINE & FOUNDRY CO. American Steel Foundries, Hammond Div. Applied Design Co. Arrowhead Products, Div.—Federal-Mogul-Bower Bearings, Inc. Barry Controls, Inc. Bridgwater Machine Co. Cleveland Pneumatic Tool Co., The, Div.—Cleveland Pneumatic Industries, Inc. Continental Diamond Fibre Corp., Sub.—The Budd Co.

Cleverand Preumatic Industries, Inc.
Continental Diamond Fibre Corp.,
Budd Co.
Joe Davidson & Associates
Finn Aeronautical Div., T. R. Finn & Co., Inc.
General Cable Corp.
Hamilton Kent Mfg. Co.
HOUDAILLE INDUSTRIES, INC., BUFFALO
HYDRAULICS DIV.
Walter K. Jaros, Aircrafters
K. W. Johnson & Co., Inc.
MB Mfg. Co.
Narda Microwave Corp., The
Pacific Moulded Products Co.
Robinson Aviation, Inc.
Rubercraft Corp. of California
Telectro Industries Corp.
Ucinite Co., The, Div.—United-Carr Fastener
Corp.

Corp.
United Mfg. Co., The
Winder Aircraft Corp. of Fla.

#### MOUNTS, THERMISTOR

Advanced Electronics, Inc. Microwave Electronics Div., Sperry Gyroscope Co. Telectro Industries Corp. Vap-Air Div., Vapor Heating Corp. Winder Aircraft Corp. of Fla.

#### MUFFLERS, JET ENGINE INTAKE AND EXHAUST

ACF Industries, Inc., Advanced Products Div. Allied Witan Co. Inc. Associated Co., Inc., Finn Aeronautical Div., T. R. Finn & Co., Inc. Kaiser Aircraft & Electronics Div. Kaiser Industries Corp.

dustries Corp.

\*LYCOMING DIV., AVCO MFG. CORP.

Porlland Copper & Tank Works Inc.

Ryan Aeronautical Co.

Smith-Morris Corp.

Solar Aircraft Co.

Stainless Steel Products, Inc.

Warren Mfg. Div., Warren Brothers Roads Co.

#### MUFFS

Allied Witan Co. Inc. Associated Co., Inc. Ryan Aeronautical Co.

### MULTIMETERS

\*COOPER DEVELOPMENT CORP. Hammett Electric Co.
Gerard G. Leeds Co., Inc.
Flagson Instrument & Electronic Co.
Simpson Electric Co.
Southwestern Industrial Electronics Co.
Telectra Industries Corp. Transvision, Inc. Varo Mfg. Co. Wacline, Inc.

#### MULTIVIBRATORS

Abrams Instrument Corp. Alto Scientific Co., Inc. Bendix Aviation Corp., York Consolidated Avionics Corp. Inc. York Div. Consolidated Avionics Corp.

Dunlap Electronics, Inc.

Hammett Electric Co.

Resdel Engrg. Corp.

Southwestern Industrial Electronics Co.

Telectro Industries Corp.

#### NITROGEN, LIQUID

Air Products, Inc. Bios Labs., Inc. Herrick L. Johnston, Inc. Solar Aircraft Co. Thompson Products, Inc.

#### NOZZLE ASSEMBLIES

American Car & Foundry Div., ACF Industries,

\*AMERICAN MACHINE & FOUNDRY CO. American Welding & Mfg. Co., The Bridgwater Machine Co. \*BUCKEYE IRON & BRASS WORKS California Aircraft Produ Christie Machine Works Products \*COOPER DEVELOPMENT CORP.
\*DIVERSEY ENGRG. CO.
Engineered Products Co., The
Ex-Cell-O Corp. Engineered Products Co., The Excell-O Corp. Finn Aeronautical Div., T. R. Finn & Co., Inc. G. W. Galloway Co.
Hahn & Clay
Heldor Mig. Co., Inc.
Herlo Engrg. Corp.
Hupp Aviation Co.
Ingersoll Kalamazoo Div., Borg-Warner Corp.
Kaiser Aircraft & Electronics Div.-Kaiser Industries Corp.
Kelsey-Hayes Co.
Lamtex Industries, Inc.
National Airoil Burner Co.
Portland Copper & Tank Works Inc.
RHEEM MFG. CO., AIRCRAFT DIV.

RHEEM MFG. CO., AIRCRAFT DIV.
Ryan Aeronautical Co.
Smith-Morris Corp.
Spraving Systems Co.

Spraying Systems Co. \*STALKER DEVELOPMENT CO.

Wm. Steinen Mfg. Co. A. U. Stone & Co., Inc. Thompson Products, Inc. Thompson Froducts, Inc.

Turbo Products, Inc.

Vickery Co., The
Wright Aeronautical Div., Curtiss-Wright Corp. Exhaust, Metallic

#### NOZZLE DIAPHRAGMS

Continental Diamond Fibre Corp., Sub.-The Budd

Continental Diamond Fibre Corp., Sub.-The Budd
Co.

\*DIVERSEY ENGRG. CO.
Fluorocarbon Co. Inc., The
Herlo Engrg. Corp.
Hupp Aviation Co.
Kaiser Aircraft & Electronics Div.-Kaiser Industries Corp.
Kelsey-Hayes Co.
Kerns Mfg. Corp.
Portland Copper & Tank Works Inc.
Reeves Brothers Inc., Vulcan Rubber Products
Div.
Ryan Aeronautical Co.
Spraving Systems Co
\*STALKER DEVELOPMENT CO.
Thompson Products, Inc.
Turbo Products, Inc.
Wright Aeronautical Div., Curtiss-Wright Corp.

## NOZZLES

Allegany Instrument Co., Inc.
American Aerophysics Corp.
American Aerophysics Corp.
American Brass Co., American Metal Hose Div.
American Welding & Mig. Co., The
Beaton & Corbin Mig. Co., The
Bridgwater Machine Co.
\*\*CAMERON IRON WORKS, INC.
\*\*COOPER DEVELOPMENT CORP.
\*\*DIVERSEY ENGRG. CO.
Eaton Mig. Co., Inc., Fredric Flader Div.
Engineered Products Co., The
Ex-Cell-O Corp.
Federal Machiner V. Companies Corp., Ordnance
Div.
Goodyear Aircraft Corp.

Goodyear Aircraft Corp.

Hahn & Clay
Hamilton Watch Co., Military Products Div.
Herlo Engrg. Corp.
Hicks Corp., The
Hupp Aviation Co.
Kaiser Aircraft & Electronics Div.-Kaiser Industries Corp.
Kelsey-Hayes Co.
Ladish Co.
Ladish Co.
Lamlex Industries, Inc.
Menasco Mfg. Co.
Portland Copper & Tank Works Inc.
Republic Aviation Corp., Guided Missiles Div.
\*\*RHEEM MFG. CO., AIRCRAFT DIV.
Ryan Aeronautical Co.
Solar Aircraft Co.
Spraying Systems Co.
\*\*STALKER DEVELOPMENT CO.
H. I. Thompson Fibre Glass Co.
Turbo Dynamics Corp.
United Carbon Products Co.
Whittaker Controls, Div.-Telecomputing Corp.

#### Exhaust

Allegany Instrument Co., Inc. American Brass Co., American Metal Hose Div. American Car & Foundry Div., ACF Industries,

American Brass Co., American Matel Hose Div. American Car & Foundry Div., ACF Industries, Inc., American Rocket Co., American Welding & Mfg. Co., The Associated Co., Inc., Bridgwater Machine Co. California Aircraft Products \*\*CAMERON IRON WORKS, INC.\*\*COMMERCIAL SHEARING & STAMPING CO. \*\*COOPER DEVELOPMENT CORP.\*\*DIVERSEY ENGRG. CO. Eaton Mfg. Co., Inc., Fredric Flader Div. Engineered Products Co., The Finn Aeronautical Div., T. R. Finn & Co., Inc. Hahn & Clay Herlo Engrg. Corp. Hicks Corp., The Hupp Aviation Co. Ingersoll Kalamazoo Div., Borg-Warner Corp. Kaiser Aircraft & Electronics Div.-Kaiser Industries Corp.

Kaiser Aircraft & Ciectronics Div.-Raiser Industries Corp.
Kelsey-Hayes Co.
Ladish Co.
Lamtex Industries, Inc.
Marquardt Aircraft Co.
Menasco Mfg. Co.
Portland Copper & Tank Works Inc.
Reaction Motors, Inc.
Reaction Motors, Inc.
Republic Aviation Corp., Guided Missiles Div.
Rohr Aircraft Corp.
Ryan Aeronautical Co.
Smith-Morris Corp.
Solar Aircraft Co.
Spraying Systems Co.
C. W. TORNGERN CO., INC.
Turbo Dynamics Corp.
Turbo Products, Inc.
Warren Mfg. Div., Warren Brothers Roads Co.
Wright Aeronautical Div., Curtiss-Wright Corp.

Allegany Instrument Co., Inc. American Brass Co., American Metal Hose Div. American Car & Foundry Div., ACF Industries,

American Brass Co., American Metal Hose Div. American Car & Foundry Div., ACF Industries, Inc.

\*\*AMERICAN MACHINE & FOUNDRY CO.

Bridgwater Machine Co.
California Aircraft Products

\*\*CAMERON IRON WORKS, INC.

\*\*COOPER DEVELOPMENT CORP.

\*\*DIVERSEY ENGRG. CO.
Eaton Mig. Co., Inc., Fredric Flader Div.
Finn Aeronautical Div., T. R. Finn & Co., Inc., Hahn & Clay
Henry & Miller Industries, Inc.
Hicks Corp., The
Hupp Aviation Co., Ingersoll Kalamazoo Div., Borg-Warner Corp.
Kaiser Aircraft & Electronics Div.-Kaiser Industries Corp.
Kelsey-Hayes Co.
Kemp Inc.
Ladish Co.
\*\*LAYELLE AIRCRAFT CORP.\*\*
Marquard Aircraft Co.
Menasco Mig. Co.
Parish Pressed Steel, Div.-Dana Corp.

\*\*PHOENIX PRODUCTS CO.
Portland Copper & Tank Works Inc.
Pressed Steel Tank Co.
Reaction Motors, Inc.
Republic Aviation Corp., Guided Missiles Div.
Rohr Aircraft Corp.
Size Control Co.
Size Control Co.
Size Control Co.
Smith-Morris Corp.
Spraying Systems Co.
Thompson Products, Inc.
\*\*C. W. TORNGREN Co., INC.
\*\*Turbo Dynamics Corp.
United Mig. Co., The
Warren Mig. Div., Warren Brothers Roads Co.

## Exhaust, Non Metallic

Exhaust, Non Metallic
Carbone Corp., The
Continental Diamond Fibre Corp., Sub.—The
Budd Co.
\*\*COOPER DEVELOPMENT CORP.
Emerson Plastics Corp.
Graphite Metallizing Corp.
Hastings Plastics Inc.
Hupp Aviation Co.
Lamtex Industries, Inc.
Chester Morton Electronics Corp.
Ohio Carbon Co., The
Parker Aircraft Co.
Reaction Motors, Inc.
Republic Aviation Corp., Guided Missile Div.
Silicone Insulation, Inc.
Spraying Systems Co.
H. I. Thompson Fiber Glass Co.
Turbo Dynamics Corp.
Of America

#### Fuel Injection

Fuel Injection

Beaton & Corbin Mfg. Co., The Bendix Products Div., Bendix Aviation Corp. California Aircraft Products Carbone Corp., The Diamonite Products Mfg. Co. Eddington Metal Specialty Co. Engineered Products Co., The Ex-Cell-O Corp.
Houston Fearless Corp.
Walter J. Hyatt Co., The Marquardt Aircraft Co. National Airoil Burner Co. Reaction Motors, Inc. Solar Aircraft Co. Spraying Systems Co. Wm. Steinen Mfg. Co.
\*\*VINITED AIRCRAFT PRODUCTS, INC. Vickery Co., The Waldorf Instrument Co., Div.-F. C. Huyck & Sons
Whittaker Controls Div.-Jelecomputing Corp.

Whittaker Controls, Div.-Telecomputing Corp.

### NUCLEAR CONTROLS, REACTOR

American Electronics, Inc.

\*ANTON ELECTRONIC LABS, INC.
Bendix Products Div., Bendix Aviation Corp.
CDC Control Services, Inc.
Consolidated Controls Corp.
Daystrom Instrument Div., Daystrom, Inc.
\*DIVERSEY ENGRG. CO.
General Electric Co., Apparatus Sales Div.
General Nuclear Corp.

\*Errol Lec. Kemp Inc.
Leeds & Northrup Co.
Minneapolis-Honeywell Regulator Co., Indust.

Minneapolis-Honeywell Regulator Co., Indust. Div. Nuclear Corp. of America, Inc. Patterson, Moos Div.-Universal Winding Co., Inc. Radiation Counter Labs., Inc. Radiation Instrument Development Laboratory, Inc.
Solar Aircraft Co.
Sunstrand Turbo Div., Sundstrand Machine Tool

Co.
Telectro Industries Corp.
Teleflex Inc.
Thompson Products, Inc.
United Shoe Machinery Corp.

\*WESTINGHOUSE ELECTRIC CORP.

#### NUCLEAR SHIELDING, RADIATION

ACF Industries, Inc., Advanced Products Div.
ALIminum Co. of America
American Electronics, Inc.
American Silver Co.
Bar-Ray Products, Inc.
Corning Glass Works
Crystal-X Corp.
Division Lead Co.
G. W. Galloway Co.
Garrett Corp., The, Air Cruisers Div.
Gasket, Packing & Specialty Co. Inc.
Lukens Steel Co.
Metallurgical Products Dept., General Electric
Co.
Norton Co. Co. Norton Co. Nuclear Corp. of America, Inc. Olin Mathieson Chemical Corp., High Energy Fuels Div. Radiation Counter Labs., Inc. Solar Aircraft Co. Telectro Industries Corp. Wells Industries Corp.

#### **OXIDIZERS**

Alir Products, Inc.
Allied Chemical & Dye Corp., Nitrogen Div.
American Potash & Chemical Corp., National
Northern Div.
American Rocket Co.
Bartum & Chemicals, Inc.
Delta Chemical Works, Inc.
Escambia Chemical Corp.
Foote Mineral Co.
General Chemical Div., Allied Chemical &
Dye Corp.

Herrick L. Johnston, Inc. Olin Mathieson Chemical Corp., High Energy Fuels Div, Rohr Aircraft Corp Shell Chemical Corp.

#### PAINTS, METALLIC

Amercoat Corp.
Avondale Co., The
\*\*DATA-CONTROL SYSTEMS INC.
Delta Chemical Works, Inc.
Dennis Chemical Co.
Fidelity Chemical Products Corp.
Goldsmith Brothers Smelling & Refining Co.
Vorac Co., The Vorac Co., The Zophar Mills Inc.

#### PALLADIUM

ALLADIUM

American Silver Co.
Anchor Metal Co. Inc.
J. Bishop & Co. Platinum Works
Bram Metallurgical & Chemical Co.
Delta Chemical Works, Inc.
Eastern Smelting & Refining Corp.
Electro Tec Corp., Virginia Div.
Engelhard Industries Inc., D. E. Makepeace Div.
Handy & Harman
Metals & Controls Corp.
Roll Formed Products Co.
Tricon Mfg. Co.
Western Gold & Platinum

## PINS, TUBULAR

Affiliated Screw Products Co.
American Printed Circuits Co., Inc.
Century Fasteners Corp.
Connector Corp.
Corbin Products Div.
Dumont Aviation Associates
Elastic Stop Nut Corp. of America
Keystone Electronics Corp.
Metal Forming Corp.
Standard Pressed Steel Co.

#### PLASTIC-FIBER GLASS

Allied Plastics Supply Corp. American Aerophysics Corp.
American Printed Circuits Co., Inc.
Aristocrat Plastics, Inc.
Arrowhead Products, Div.—Federal-Mogul-Bower Bearings, Inc. asic Tool Industries, Inc. Bearings, Inc.
Calfibe Co., Inc.
Coast Mfg. & Supply Co.
Continental Diamond Fibre Corp., Sub.—The Budd Co.
Cordo Molding Products, Inc. Cordo Molding Products, Inc.
Duracióte Corp.
Emerson Plastics Corp.
Franklin Fibre-Lamitex Corp.
Garrett Corp., The, Air Cruisers Div.
Goodyear Aircraff Corp.
Hammett Electric Co.
Hampden Brass & Aluminum Co.
Hastings Plastics Inc.
Hays Mfg. Co.
Joclin Mfg. Co.
Valter Kidde & Co., Inc., Aviation Div.
Lamtex Industries, Inc.
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#### Fuel Flow

Fuel Flow

Accessory Products Co., Div. Textron Inc.
Acoustica Associates, Inc.
Aero Supply Mfg. Co., Inc.
Airborne Research & Development Corp.
Arkwin Industries, Inc.
CDC Control Services, Inc.
Chandler-Evons, Div. Pratt & Whitney Co., Inc.
Clary Dynamics
Dynamics
Dynamics
Dynamic Controls Corp.
\*EASTERN INDUSTRIES, INC.
Eddington Metal Specialty Co.,
Fischer & Porter Co.
\*GARRETT CORP., THE AIRESEARCH MFG. DIVS.
\*GREER HYDRAULICS, INC.
Gulton Industries, Inc.
Walter J. Hyatt Co., The
Kemp Aero Products, Div. Kemp Inc.
\*WALLACE O. LEONARD, INC.
\*WALLACE O. LEONARD, INC.
\*MAROTTA VALVE CORP.
Mercury Rad Corp.
Minneapolis-Honeywell Regulator Co., Aeronautical Div.
Corp.

Minneapolis-Honeywell Regulator Co., Aeronautical Div.
Ozone Metal Products Corp.
Parker Aircraft Co.
Pioneer-Central Div., Bendix Aviation Corp.
Pneu-Hydro Valve Corp.
Potter Aeronautical Corp.
Progressive Research & Development Co., Inc.
Research Motors, Inc.
Research Controls
Servomechanisms, Inc.
Stratos, Div.-Fairchild Engine & Airplane Corp.
Thompson Products, Inc.
Ultradyne, Inc.

Sons Whittaker Controls, Div.-Telecomputing Corp.

Fuel Pressure

Aero Supply Mfg. Co., Inc.
Aeronautical & Instrument Div., RobertshawFulton Controls Co.
Airborne Research & Development Corp.
Arkwin Industries, Inc.
CDC Control Services, Inc.
Carleton Aviation Co., Inc.
A. W. Cash Co.
Chandler-Evans, Div.-Pratt & Whitney Co., Inc.
Clary Dynamics Clary Dynamics
Consolidated Controls Corp.
\*EASTERN INDUSTRIES, INC.

\*EASTERN INDUSTRIES, INC.
Fischer & Porter Corp.
Fischer & Porter Corp.
Fischer & Porter Corp.
\*GARETT CORP. THE, AIRESEARCH MFG. DIVS.
\*GREER HYDRAULICS, INC.
Walter J. Hyatl Co., The
Kemp Aero Products, Div.-Kemp Inc.
\*WALLACE O. LEONARD, INC.
\*WALLACE O. LEONARD, INC.
\*WATCOTTA VALVE CORP.
Mercury Rad Corp.
Ozone Metal Products Corp.
Parker Aircraft Co.
Pneu-Hydro Valve Corp.
Progressive Research & Development Co., Inc.
Scientific Instrument Co.
Scientific Instrument Co.

Servomechanisms, Inc. Thompson Products, Inc. Ultradyne, Inc. Ultradyne, Inc.

\*UNITED AIRCRAFT PRODUCTS, INC.

Vinson Mrg. Co. Inc.

Waldorf Instrument Co., Div.-F. C. Huyck &

Sons Whittaker Controls, Div.-Telecomputing Corp.

## Hydraulic Pressure

Aero Supply Mfg. Co., Inc. Altair Inc. Altair Inc.
Arkwin Industries, Inc.
Bridgwater Machine Co.
CDC Control Services, I

\*GARRETT CORP., THE, AIRESEARCH MFG DIVS \*GREER HYDRAULICS, INC. \*Walter J. Hyatt Co., The
Hydra-Power Corp.
Kemp Aero Products, Div.-Kemp Inc.
\*WALLACE O. LEONARD, INC.
M. C. Mfg. Co.
\*MAROTTA VALVE CORP.
Minneapolis-Honeywell Regulator Co., Indust. Div.
Oil-Dyne, Inc.
Ozone Metal Products Corp.
Pacific Div.Bendix Aviation Corp.
Parker Aircraft Co.
Pneu-Hydro Valve Corp.
Progressive Research & Development Co., Inc.
Milton Roy Co.
Scientific Instrument Co.
Tactair Valve Div.Aircraft Products Co.
Thompson Products, Inc.
Ultradyne Inc.

Carleton Aviation Co., Inc. A. W. Cash Co. Clary Dynamics Consolidated Controls Corp. \*EASTERN INDUSTRIES, INC.

Ultradyne, Inc.
Vano Mfg. Co.
Varo Mfg. Co.
Vickers Inc., Div.-Sperry Rand
Vinson Mfg. Co. Inc.
Waldorf Instrument Co., Div.-F. C. Huyck & Sons Weston Hydraulics, Ltd Whittaker Controls, Div.-Telecomputing Corp.

### Liquid Level

Accessory Products Co., Div.-Textron Inc.
Accustica Associates, Inc.
Aero Supply Mig. Co., Inc.
Arkwin Industries, Inc.
ARO Equipment Corp.,
CDC Control Services, Inc.
Carleton Aviation Co., Inc.
Fischer & Porter Co.
Gulton Industries, Inc.
Kemp Aero Products, Div.-Kemp Inc.
Leeds & Northrup Co.
WALLACE O. LEONARD INC. Leeds & Northrup Co.
\*\*WALLACE O. LEONARD, INC.
Minneapolis-Honeywell Regulator Co., Aeronautical Div.
Minneapolis-Honeywell Regulator Co., Indust.

Minneapolis-Honeywell Regulator Co., Indus Div. Parker Aircraft Co. Pigneer-Central Div., Bendix Aviation Corp. Victory Engineering Corp. Vinson Mfg. Co. Inc. Whittaker Controls, Div.-Telecomputing Corp.

#### Manifold Pressure

Accessory Products Co., Div.-Textron Inc.
Arkwin Industries, Inc.
CDC Control Services, Inc.
Fischer & Porter Co.
Kemp Aero Products, Div.-Kemp Inc.
Parker Aircraft Co.
Whittaker Controls, Div.-Telecomputing Corp.

## Oil Cooler

Arkwin Industries, Inc.
CDC Control Services, Inc.
\*EASTERN INDUSTRIES, INC.
\*GARRETI CORP., THE AIRESEARCH MFG. DIVS.
\*UNITED AIRCRAFT PRODUCTS, INC.
Vap-Air Div., Vapor Heating Corp.
Vinson Mfg., Co., Inc.,
Whittaker Controls, Div.-Telecomputing Corp.

### Oil Pressure

Accessory Products Co., Div.-Textron Inc. CDC Control Services, Inc. A. W. Cash Co. Consolidated Controls Corp. \*EASTERN INDUSTRIES, INC \*EASTERN INDUSTRIES, INC.
Fischer & Porter Co.
\*GARRETT CORP., THE, AIRESEARCH MFG. DIVS.
\*GREER HYDRAULICS, INC.
Hagan Chemicals & Controls, Inc.
Walter J. Hyett Co., The
Kemp Aero Products, Div.-Kemp Inc.
\*WALLACE O. LEONARD, INC.
Oïl-Dyne, Inc.
Ozone Metal Products Corp.
Pneu-Hydro Valve Corp.
Pneu-Hydro Valve Corp.
Progressive Research & Development Co., Inc.
\*UNITED AIRCRAFT PRODUCTS, INC.
Vinson Mfg. Co. Inc.
Waldorf Instrument Co., Div.-F. C. Huyck &
Sons

#### Oil Pump Flow

CDC Control Services, Inc.
\*EASTERN INDUSTRIES, INC.
FISCHER & Porter Co.
\*GARRETT CORP., THE, AIRESEARCH MFG.

Weston Hydraulics, Ltd. Whittaker Controls, Div.-Telecomputing Corp.

\*GREER HYDRAULICS, INC.
Kemp Aero Products, Div. Kemp Inc.
\*WALLACE O. LEONARD, INC.
Ozone Metal Products Corp.
Research Controls
\*UNITED AIRCRAFT PRODUCTS, INC.
Whittaker Controls, Div.-Telecomputing Corp.

## Oil Temperature

Arkwin Industries, Inc. CDC Control Services, Inc. Carleton Aviation Co., Inc. Consolidated Controls Corp. \*EASTERN INDUSTRIES, INC.

\*LASIERN INDUSTRIES, INC.
Fenwal Inc.
Fischer & Porter Co.
Fischer & Forter Co.
Fischer & For

Minneapolis-Indepwei Legisla.

Div. Scientific Instrument Co.

\*UNITED AIRCRAFT PRODUCTS, INC.

Vap-Air Div., Vapor Heating Corp.

Whittaker Controls, Div.-Telecomputing Corp.

## Oxygen

Aeronautical & Instrument Div., Robertshaw-Fulton Controls Co.
Air Products, Inc.
Airborne Research & Development Corp.
ARO Equipment Corp., The
CDC Control Services, Inc.
A. W. Cash Co.
Clary Dynamics
G. M. Dykes Iron Works, Inc.
Fischer & Porter Co.
\*GARRETT CORP., THE, AIRESEARCH MFG.
DIVS.

\*GARRETT CORP., THE, AIRESEARCH MFG
DIVS
General Scientific Equipment Co.
Kemp Aero Products, Div.-Kemp Inc.
\*WALLACE O. LEONARD, INC.
\*WAROTTA VALVE CORP.
Oxygen Equipment & Service Co.
Parker Aircraft Co.
Progressive Research & Development Co., Inc.
Purilan Compressed Gas Corp., Aviation Div.
Scott Aviation Corp.
Vinson Mfg. Co. Inc.
Whittaker Controls, Div.-Telecomputing Corp.

#### Temperature

Temperature

Barber-Colman Co.
Bar-Ray Products, Inc.
CDC Control Services, Inc.
CDC Control Services, Inc.
Cardinal Instrumentation Corp.
A. W. Cash Co.
Consolidated Controls Corp.
Dynamic Controls Corp.
\*EASTERN INDUSTRIES, INC.
Electronics Dept., Hamilton Standard Div.,
United Aircraft Corp.
Feinfield Engineering Corp.
Fenwal Inc.
Fischer & Porter Co.
\*GARRETT CORP., THE, AIRESEARCH MFG.
DIVS. GARREIT CORP., THE AIRESEARCH MFG. DIVS.
Hagan Chemicals & Controls, Inc.
E. Vernon Hill & Co.
Leeds & Northrup Co.
Metals & Controls Corp.
Minneapolis-Honeywell Regulator Co., Areonautical Div.
Minneapolis-Honeywell Regulator Co., Indust. Minneapolis-Honeywell Regulator Co., Indus Dr. Parker Aircraft Co. Philadelphia Scientific Glass Co. Philadelphia Scientific Glass Co. Powers Regulator Co., The Resdel Engrg. Corp. Scientific Instrument Co. INC. Therms Electric Co., INC. Therms Electric Co., INC. Therms Electric Co., Inc. Thompson Products, Inc. Thompson Products, Inc. Vap-Air Div., Vapor Heating Corp. Victory Engineering Corp. Victory Engineering Corp. Whittaker Controls, Div.-Telecomputing Corp. Whittaker Controls, Div.-Telecomputing Corp.

## Vacuum Systems

Accessory Products Co., Div.-Textron Inc.
ARO Equipment Corp., The
CDC Control Services, Inc.
Consolidated Controls Corp.
Consolidated Electrodynamics Corp.
Consolidated Electrodynamics Corp., Rochester
Div.

\*GARETT CORP., THE, AIRESEARCH MFG. DIVS.
Green Rectifier Co. International Pump & Machine Works
\*JANITROL AIRCRAFT DIV.-SURFACE COMBUSTION CORP.
Kemp Aero Products, Div.-Kemp Inc.
Gerard G. Leeds Co., Inc.
\*WALLACE O. LEONARD, INC.
NRC Equipment Corp.
Process & Instruments
Research Appliance Co.
Thompson Products, Inc.

\*UNITED AIRCRAFT PRODUCTS, INC.
Vacuum Tube Products Co. Inc.
Vecco Vacuum Corp.
Vinson Mfg. Co. Inc.
WhitHaker Controls, Div.-Telecomputing Corp.

### Voltage Regulators and Stabilizers

Voltage Regulators and Stabilizers

Abrams Instrument Corp.
American Research & Mig. Corp.
Bendix Aviation Corp., Red Bank Div.
Bogue Electric Mig. Co.
Carleton Aviation Co., Inc.
Central Transformer Co.
Central Transformer Co.
Central Mig. Co.
Electric Auto-Lite Co., The
Electric Regulator Corp.
Electronics Dept., Hamilton Standard Div.,
United Aircraft Corp.
General Controls Co.
General Electric Co., Apparatus Sales Div.
General Augnetics, Inc.
Goslin Electric & Mfg. Co.
Guided Missile Div. De Havilland Aircraft of
Canada, Ltd.
Hallamore Electronics Co.
Hammett Electric Co.
Helipot Corp.
Instruments Div. Phillips Electronics, Inc.
\*\*INTERELECTRONICS CORP.
Gerard G. Leeds Co., Inc.

INTERLECTRONICS CORP.
Gerard G. Leeds Co., Inc.
Lumen, Inc.
Minneapolis-Honeywell Regulator Co., Aeronautical Div.
Minneapolis-Honeywell Regulator Co., Ordnance
Div.
Parker Aircraft Co.
Resdel Engrg. Corp.
Southwestern Industrial Electronics Co.
Standard Electronics Div., Radio Engrg. Lebs.
Inc. Standard Electronics Drv., Addio English Inc.
Inc.
Inc.
Tel-Instrument Electronics Corp.
Thompson Products, Inc.
Utradyne, Inc.
Utradyne, Inc.
Universal Electronics Co.
Varo Mfg. Co.
Wacline, Inc.
Western Electro-Acoustic Lab.
\*\*WESTINGHOUSE ELECTRIC CORP.
Whittaker Controls, Div.-Telecomputing Corp.
Wickes Engrg. & Construction Co. Inc.

Water Injection

Accessory Products Co., Div.-Textron Inc.
Aero Supply Mfg. Co., Inc.
Arkwin Industries, Inc.
Bendix Products Div., Bendix Aviation Corp.
CDC Control Services, Inc.
Chandler-Evans, Div.-Pratt & Whitney Co., Inc.
Eddington Metal Specialty Co.
Research Controls
Milton Roy Co.
Whittaker Controls, Div.-Telecomputing Corp.

#### RESERVOIRS, HYDRAULIC SYSTEMS

#### RESERVOIRS, PNEUMATIC SYSTEMS

\*AMERICAN MACHINE & FOUNDRY CO.
Arkwin Industries, Inc.
Bridgwater Machine Co.
Cleveland Pneumatic Tool Co., The, Div.-Cleveland Pneumatic Industries, Inc.
\*COOPER DEVELOPMENT CORP.
\*CORNELIUS CO., THE

\*DALMO VICTOR CO., DIV.-TEXTRON INC.
\*DIVERSEY ENGRG. CO.
\*GREER HYDRAULICS, INC.
\*KAHN & CO., INC.
Kaiser Aircraft & Electronics Div.-Kaiser Industries Corp.
Kelsey-Hayes Co.
Walter Kidde & Co., Inc., Aviation Div.
Menasco Mfg. Co.
Pacific Div.-Bendix Aviation Corp.
Parker Aircraft Co.
Portland Copper & Tank Works Inc.
Pressed Steel Tank Co.
Ryan Aeronautical Co.
Thompson Products, Inc.
Vinco Corp.
Vinson Mfg. Co., Inc.
Wells Industries Corp.

#### RESTRICTORS, HYDRAULIC **SYSTEMS**

\*AMERICAN MACHINE & FOUNDRY CO.
Arkwin Industries, Inc.
Bridgwater Machine Co.
\*ELECTROL INC.

\*\*GREER HYDRAULICS, INC.
Hydra-Power Corp.
Kaiser Aircraft & Electronics Div.-Kaiser Industries Corp.
Kemp Aero Products, Div.-Kemp Inc.
Ozone Metal Products Corp.
Pacific Div.-Bendix Aviation Corp.
Pacific Div.-Bendix Aviation Corp.
A. U. Stone & Co., Inc.
Thompson Products, Inc.
Vickers Inc., Div.-Sperry Rend
Vinson Mfg. Co. Inc.
Waldorf Instrument Co., Div.-F. C. Huyck &
Sons \*AMERICAN MACHINE & FOUNDRY CO.

#### RHODIUM

Allied Research & Engrg. Div. Allied Record Mfg. Co.
J. Bishop & Co. Platinum Works
Bram Metallurgical & Chemical Co.
Cohan Epner Co. Inc.
Delta Chemical Works, Inc.
Wilbur B Driver Co.
Eastern Smelting & Refining Corp.
Electro Tec Corp., Virginia Div.
Goldsmith Brothers Smelting & Refining Co.
Harper-Leader, Inc.
Metals & Controls Corp.
Sel-Rex Corp.
Western Gold & Platinum

#### RINGS

Advanced Products Co., The American Welding & Mfg. Co., The Anchor Packing Co., The Auburn Mfg. Co., The Belmont Smelting & Refining Works, Inc. Bridgwater Machine Co. California Aircraft Products Chicago-Allis Mfg. Corp. Enflio Corp. Gatke Corp. Gene, Tweed & Co. Walter Lee Chemical Corp. Leetronics, Inc. Ryan Aeronautical Co. St. Marys Carbon Co. U. S. Hammered Piston Ring Co., Inc. Western Arc Welding, Inc.

#### Carbon Packing

Carbon Welding & Mfg. Co., The Carbone Corp., The La Pointe Industries Inc. Morganite, Inc. Ohio Carbon Co., The St. Marys Carbon Co. U. S. Hammered Piston Ring Co., Inc.

## Clamping

American Welding & Mfg. Co., The G. M Dykes Iron Works, Inc. Walter K. Jaros, Aircrafters Kelsey-Hayes Co. La Pointe Industries Inc. Roll Formed Products Co. Ryan Aeronautical Co. Specialty Products Corp. Western Arc Welding, Inc.

#### Collector

Collector

Amplex Div.-Chrysler Corp.
G. M. Dykes Iron Works, Inc.
Engelhard Industries Inc., D. E. Makepeace Div.
Gibson Electric Co.
Graphite Metallizing Corp.
Iron Fireman Mig. Co., Electronics Div.
La Pointe Industries Inc.,
Leach & Garner Co., Industrial Div.
Metals & Controls Corp.
Ryan Aeronautical Co.
Tricon Mig. Co.

\*AMERICAN MACHINE & FOUNDRY CO. American Welding & Mfg. Co., The Continental Diamond Fibre Corp., Sub.-The Budd Co.

La Pointe Industries Inc.

Walter Lee Chemical Corp.

U. S. Hammered Piston Ring Co., Inc.

Hydraulic Back-up

Hydraulic Back-up

\*AMERICAN MACHINE & FOUNDRY CO.
American Welding & Mfg. Co., The
Auburn Mfg. Co., The
Crane Packing Co.
Dumont Avistion Associates
Fluorocarbon Co. Inc., The
Gatke Corp.
General Gashet Inc.
Green, Tweed & Co.
Halogen Insulator & Seal Corp.
E. F. Houghton & Co.
Kasar Mfg. & Distributing Co., Inc.
La Pointe Industries Inc.
Linear, Inc.
Resistoflex Corp.
Rogers Corp.
Rubbercraft Corp. of California
Sparta Mfg. Co.
U. S. Hammered Piston Ring Co., Inc.

## Oil Sealing

Advanced Products Co., The
American Welding & Mfg. Co., The
Amburn Mfg. Co., The
Chicago-Allis Mfg. Corp.
Continental Diamond Fibre Corp., Sub.The Budd Co.
Crane Packing Co.
Emerson Plastics Corp.
Enflo Copp.
Fluorocarbon Co. Inc., The
Gasket, Packing & Specialty Co. Inc.
General Cable Corp.
General Gasket Inc.
Craphite Metallizing Corp.
Green, Tweed & Co.
Halogen Insulator & Seal Corp.
Walter K. Jaros, Aircrafters
Kasar Mfg. & Distributing Co., Inc.
Koppers Co., Inc., Metal Products Div.
La Pointe Industries Inc.
Walter Lee Chemical Corp.
Rarker-Hannifin Corp.
Roberts Toledo Rubber Co., The
Rubbercraft Corp. of California
St. Marys Carbon Co.
Simplex Piston Ring Mfg. Co.
Smith-Morris Corp.
VINITED AIRCRAFT PRODUCTS, INC.
U. S. Hammered Piston Ring Co., Inc.
Victor Mfg. & Gasket Co.

Retainer

#### Retainer

Retainer

\*AMERICAN MACHINE & FOUNDRY CO. American Welding & Mfg. Co., The Anchor Packing Co., The Anchor Packing Co., The Anchor Packing Co., The Continental Diamond Fibre Corp., Sub—The Budd Co.
Corbin Products Div.
Dumont Aviation Associates Enflo Corp.
Fluorocarbon Co. Inc, The Green, Tweed & Co.
Hunter Spring Co.
Hupp Aviation Co.
Hupp Aviation Co.
Hupp Aviation Co.
Kalsey-Hayes Co.
La Pointe Industries Inc.
Roll Formed Products Co.
Simonds Saw & Steel Co.
Smith-Morris Corp.
Standard Locknut & Lockwasher Inc.
U. S. Hammered Piston Ring Co., Inc.
Western Arc Welding, Inc.

## Scraper

American Welding & Mfg. Co., The Corbin Products Div. Fluorocarbon Co. Inc., The Green, Tweed & Co., Walter K. Jaros, Aircrafters Kasar Mfg. & Distributing Co., Inc. Koppers Co., Inc., Metal Products Div. La Pointe Industries Inc. Linear, Inc. Smith-Morris Corp. U. S. Hammered Piston Ring Co., Inc. U. S. Hammered Piston Ring Co., Inc.

#### Sealing

Advanced Products Co., The American Welding & Mfg. Co., The Anchor Packing Co., The

Auburn Mfg. Co., The

\*AUTOMATIC & PRECISION MFG. CO.
Belmont Smelling & Refining Works, Inc.
Chicago-Allis Mfg. Corp.
Continental Diamond Fibre Corp., Sub—The
Budd Co.
Crane Packing Co.
Emerson Plastics Corp.
Fluorocarbon Co. Inc., The
Gasket, Packing & Specialty Co. Inc.
General Cable Corp.
General Gasket Inc.
Graphite Metallizing Corp.
Green, Tweed & Co.
E. F. Houghton & Co.
E. F. Houghton & Co.
Walter K. Jaros, Aircrafters
Kasar Mfg. & Distributing Co., Inc.
Kennametal Inc.
Koppers Co., Inc., Metal Products Div.
La Pointe Industries Inc.
Walter Lee Chemical Corp.
Linear, Inc. Walter Lee Chemical Corp.
Linear, Inc.
Morganite, Inc.
Parker-Hannitin Corp.
St. Marys Carbon Co.
Simplex Piston Ring Mfg. Co.
Smith-Morris Corp.
Turbo Products, Inc.
\*UNITED AIRCRAFT PRODUCTS, INC.
U. S. Hammered Piston Ring Co., nc.
Victor Mfg. & Gasket Co.

#### Shock Absorber

Aniflyte Electronics Co.
American Printed Circuits Co., Inc.
Auburn Mg. Co., The
Crane Packing Co.
Fluorocarbon Co. Inc., The
General Cable Corp.
Green, Tweed & Co.
La Pointe Industries Inc.
Rubbercraft Corp. of California
Uniwave, Inc.

Airfivie Electronics Co.
\*AMERICAN MACHINE & FOUNDRY CO.
American Printed Circuits Co., Inc.
Dumont Aviation Associates
G. M. Dykes Iron Works, Inc.
Electro Iec Corp.
Electro Tec Corp., Virginia Div.
Enflo Corp.
Engelhard Industries Inc., D. E. Makepeace Div.
General Findings & Supply Co., Industrial Div.
Gibson Electric Co.
Graphite Metallizing Corp.
Handy & Harman
Iron Fireman Mfg. Co., Electronics Div.
Kelsey-Hayes Co.
La Pointe Industries Inc.
Leach & Garner Co., Industrial Div.
\*\*LYCOMING\*\* DIV., AVCO MFG. CORP.
Metals & Controls Corp.
Servonic Instruments, Inc.
Simonds Saw & Steel Co.
\*\*SLIP RING\*\* CO. OF AMERICA
Superior Carbon Products, Inc.
Telectro Industries Corp.
Tricon Mfg. Co.
U. S. Hammered Piston Ring Co. Inc.
Uniwave, Inc.

#### Slip & Brush Assemblies

Airflyte Electronics Co. \*AMERICAN MACHINE & FOUNDRY CO. AMERICAN MACHINE & FOUNDRY CO.
Carbone Corp., The
Electro Tec Corp.
Electro Tec Corp.
Electro Tec Corp., Virginia Div.
Engelhard Industries Inc., D. E. Makepeace Div.
General Findings & Supply Co., Industrial Div.
Graphite Metallizing Corp.
Iron Fireman Mfg. Co., Electronics Div.
Kelsey-Hayes Co.
La Pointe Industries Inc.
Leach & Garner Co., Industrial Div.
\*LYCOMING DIV., AVCO MFG. CORP.
Magnasync Mfg. Co., Ltd.
Servonic Instruments, Inc.
\*\$LIP RING CO. OF AMERICA
Superior Carbon Products, Inc.
Telectro Industries Corp.

#### **ROCKETS**

ACF Industries, Inc., Advanced Products Div.
\*AMERICAN MACHINE & FOUNDRY CO.
American Rocket Co.
American Welding & Mfg. Co., The
Atlantic Research Corp.
\*COOPER DEVELOPMENT CORP.
\*DIVERSEY ENGRG. CO.
G. W. Galloway Co.
Goodyear Aircraft Corp.
\*GRAND CENTRAL Goodyear Aircraft Corp.

\*\*GRAND CENTRAL ROCKET CO.\*

Hahn & Clay
Hamilton Watch Co., Military Products Div.

Hercules Powder Co.

McCormick Selph Associates
Oerlikon Tool & Arms Corp. of America
Propellex Chemical Corp.

Reaction Motors, Inc.

Redstone Arsenal Research Div., Rohm & Haas
Co. Thompson Products, Inc. Turbo Dynamics Corp. Wright Aeronautical Div., Curtiss-Wright Corp.

#### ROD END BEARINGS

Allied Plastics Supply Corp.
Chain Belt Co.
Continental Diamond Fibre Corp., Sub.-The
Budd Co.
Freeman Co., The
Walter K. Jaros, Aircrafters
Walter Lee Chemical Corp.
Raway Bearing Co.
Southwest Products Co.
Western Arc Welding, Inc.

#### **ROTATORS**

Thompson Products, Inc. Wind Turbine Co.

#### ROTOR ASSEMBLIES, GAS TURBINE ENGINE

\*AMERICAN MACHINE & FOUNDRY CO.
Bridgwater Machine Co.
Ex-Cell-O Corp.
Houston Fearless Corp.
Kelsey-Hayes Co.
Kerns Mig. Corp.
La Pointe Industries Inc.
Solar Aircraft Co.
Sundstrand Turbo Div., Sunstrand Machine Tool Co.
Talley Corp., The
Thompson Products, Inc.
Turbo Products, Inc.
Turbo Products, Inc.
Utica Drop Forge & Tool Div.-Kelsey Hayes Co.
\*WESTINGHOUSE ELECTRIC CORP.

#### ROTOR CASTINGS

American Brake Shoe Co. Morris Bean & Co. Thompson Products, Inc. \*WESTINGHOUSE ELECTRIC CORP.

#### ROTORS

American Electronics, Inc.
Christie Machine Works
Eicor Div.-F. L. Jacobs Co.
Houston Fearless Corp.
La Pointe Industries Inc.
Talley Corp., The
Thompson Products, Inc.
Turbo Products, Inc.
Turbo Products, Inc.
Utica Drop Forge & Tool Div.-Kelsey Hayes Co.
\*WESTINGHOUSE ELECTRIC CORP.

#### SCREW MACHINE PRODUCTS

SCREW MACHINE PRODUCTS

Aero Supply Mig. Co., Inc.
Aerotron Supply Co.
Affiliated Screw Products Co.
All American Aircraft Products, Inc.
Allied Plastics Supply Corp.
American Screw Co.
American Non Gran Bronze Co.
American Non Gran Bronze Co.
American Screw Co.
American Screw Co.
American Screw Co.
American Screw Co.
Bergen Carbide Co.
Bland Burner Co., The
Briles Mig.
J. H. Bunnell & Co.
Century Fasteners Corp.
Chicago Screw Co., The, Div.-Standard Screw Co.
Co.
Circon Component Corp.
Clark Equipment Co.
Cole-Hersee Co.
Connector Corp. of America
Corbin Products Div.
Dalmore Corp.
Dayton Mig. Co., Inc.
Dumont Aircraft Fitting Co.
Dumont Aircraft Fitting Co.
Dumont Aircraft Fitting Co.
Dumont Aircraft Fitting Co.
Engineered Products Co., The
Ex-Cell-O Corp.
Federal Screw Products Inc.
Fluorocarbon Co. Inc., The
Freeman Co., The
Geartronics Corp.
General Components Inc.
General Findings & Supply Co., Industrial Div.
General Railway Signal Co.
Goe Engry. Co.
Graftex, Inc.
Hamilton Watch Co., Military Products Div.
\*HARTFORD MACHINE SCREW CO., DIV.SIANDARD SCREW CO.
Herlo Engrg. Corp.
Alfred Hormann & Co.
Walter K. Jaros, Aircrafters
Kasar Mig. & Distributing Co., Inc.
Lamson & Sessions Co., The
Leach & Garner Co., Industrial Div.
\*Leach & Garner Co., Industrial Div.

# Pneumatic controls



**AiResearch** is the largest designer and manufacturer of pneumatic controls for the aircraft and associated industries. During the past 10 years more than 300,000 units have been produced and are in service.

Temperatures of the fluids (including gas and liquids) range from -400°F to +2000°F at pressures to +6000 psig. The units operate at any ambient pressure at ambient temperatures from

-300°F to over +1000°F. Line diameters range from ½ inch to 15 inches.

This equipment is developed and tested in the finest pneumatic facilities in the world. Your inquiries are invited.



ENGINEERING REPRESENTATIVES: AIRSUPPLY AND AERO ENGINEERING, OFFICES IN MAJOR CITIES

#### CORPORATION

AiResearch Manufacturing Divisions

Los Angeles 45, California · Phoenix, Arizona

Henry & Miller Industries, Inc.
J. I. Morr's Co.
National Arol Burner Co.
National Lock Co.
Peerless Products Industries
Permax Products Div., Chisholm-Ryder Co., Inc.
H. K. Porter Inc.
Precise Instrument Parts Co., A Corp.
Research Development Mig. Inc.
St. Regis Paper Co.
St. Regis Paper Co.
St. Regis Paper Co.
Score PRODUCTS CORP. OF AMERICA
Seamless Products Co., Inc.
Sinclair Mig. Co.
Skinner Precis on Products
Herman D. Steel Co.
Wm. Steinen Mig. Co.
Standard Locknut & Lockwasher Inc.
Technical Oil Tool Corp.
Totan Metal Mig. Co.
Torrington Co., The
UNITED AIRCRAFT PRODUCTS, INC.
United Mig. Co., The
Uniwave, Inc.
Vemaline Products Co.
Waldorf Instrument Co., Div.-F. C. Huyck &
Sons
Waltham Screw Co. Walton Instrument Co., Divisit C. Thares a Sons Sons Screw Co. Waltham Screw Corp. Winchester-West. Div.-Olin Mathieson Chem. Corp. Corp.
Winder Aircraft Corp. of Fla.
J. H. Winn Inc.
Wright Aeronautical Div., Curtiss-Wright Corp.

#### SCREWS SELF-TAPPING

Aerotron Supp y Co.
Affiliated Screw Products Co., Inc.
Almerican Screw Products Co., Inc.
Almerican Screw Products Co., Inc.
American Screw Co.
Century Fasteners Corp.
Corbin Products Di.
Dumont Aviation Associates
Federal Screw Products Inc.
Walter K. Jaros, Aircrafters
Lamson & Sessions Co., The
Napoleon Products Co., The
Napoleon Products Co., The
National Lock Co.
Reed & Prince Mig. Co.
Republic Stee Corp.
Thompson-Bremer & Co.
Torrington Co., The
Waldom Electronics Inc.

#### SCREWS SET

Aerotron Supply Co.
Affiliated Screw Products Co.
Allen Mfg. Co.
Allmetal Screw Products Co., Inc.
Century Fasteners Corp.
Chase Brass & Copper Co., Inc.
Chicago Screw Co., The, Div.-Standard Screw Chicago Screw Co., The, Div.-Standard Screw Co.
Co.
Corbin Products Div.
Danly Machine Specialties, Inc.
Dumont Aircraft Fitting Co.
Dumont Aviation Associates
Federal Screw Products Inc.
\*\*HARTFORD MACHINE SCREW CO., DIV.STANDARD SCREW CO.
Walter K. Jaros, Aircrafters
Kasar Mfg. & Distributing Co., Inc.
National Lock Co.
Reed & Prince Mfg. Co.
Standard Pressed Steel Co.
Waldom Electronics Inc.
Western Automatic Machine Screw Co., Div.Standard Screw Co.

#### SCREWS, STANDARD

Aerotron Supply Co.
Affiliated Screw Products Co.
Allen Mfg. Co.
Allen Mfg. Co.
Allen Mfg. Co.
Allen Mfg. Co.
Brand Screw Products Co., Inc.
Allential Screw Products Co., Inc.
Allential Screw Co.
Brand Burner Co., The
Briles Mfg.
Century Fasteners Corp.
Chase Brass & Copper Co., Inc.
Chicago Screw Co., The, Div.-Standard Screw Co. Chicago Screw Co., The, Div.-Standard Screw Co.

Corbin Products Div.
Danly Machine Specialties, Inc.
Dumont Aircraft Filting Co.
Dumont Aviation Associates
Federal Screw Products Inc.
\*\*HAKIFORD MACHINE SCREW CO., DIV.\$TIANDARD SCREW CO.
Walter K. Jaros, Aircrafters
Lamson & Sessions Co., The
Reed & Prince Mig. Co.
Torrington Co., The
Waldom Electronics Inc.
Western Automatic Machine Screw Co., Div.Standard Screw Co.

## SEALERS, FUEL AND OIL TANK

Drilube Co. Genera! Cable Corp. Horsey, Robson & Co., Inc.

#### SEALERS, NUCLEAR

Conax Corp.
Silicones Div.-Union Carbide Corp.
\*UNITED AIRCRAFT PRODUCTS, INC.

#### SEALERS, PROTECTIVE

General Cable Corp.
Silicones Div.-Union Carbide Corp.

## SEALING SERVICE HERMETIC

Automatic & Precision Mfg. Co. Gits Brothers Mfg. Co.

#### SEALS

Advanced Products Co., The Allied Plastics Supply Corp.
Anchor Packing Co., The Auburn Spark Plug Co., Inc.
Carbone Corp., The Consolidated Electrodynamics Corp.
Electrical Industries, Div.-Philips Electronics, Inc.
Epoxy Products, Inc., Div.-Joseph Waldman & Sons
Gits Brothers Mfg. Co.
Koppers Co., Inc., Metal Products Div.
Walter Lee Chemical Corp.
Rubatex Div., Great American Industries Inc.
St. Marys Carbon Co.
Scalol Corp.
L. Sonneborn & Sons, Inc., Building Products
Div. Seal of Course L. Sonneborn & Sons, then, Div.
Div.
Seen Seal Co.
Sundstrand Turbo Div., Sundstrand Machine Tool Co.
Sylvania Electric Products Inc., Parts Div.
U. S. Hammered Piston Ring Co., Inc.
Vickers Inc., Div.-Sperry Rand
Victor Mfg. & Gasket Co.
Western Felt Works

#### Carbon

Carbone Corp., The Ceramaseal, Inc. Cleveland Graphite Bronze Co., Div.-Clevite Cleveland Graphite Bronze Co., Div. Clevite Corp.
Delta Chemical Works, Inc.
Gits Brothers Mfg. Co.
Graphite Metallizing Corp.
Koppers Co., Inc., Metal Products Div.
La Pointe Industries Inc.
Magnetic Seal Corp.
Morganite, Inc.
Ohio Carbon Co., The
St. Marys Carbon Co.
Sealol Corp.
Simplex Piston Ring Mfg. Co.
Stein Seal Co.
Sundstrand Turbo Div., Sunstrand Machine Tool
Co. Superior Carbon Products, Inc.
U. S. Hammered Piston Ring Co., Inc.

#### Ceramic to Metal

Ceramic to Metal

Auburn Spark Plug Co., Inc.
Barium & Chemicals, Inc.
Bendix Products Div., Bendix Aviation Corp.
Consolidated Electrodynamics Corp.
Crane Packing Co.
Delta Chemical Works, Inc.
Diamonite Products Mfg. Co.
Gilmore Industries Inc.
Isolantite Mfg. Corp.
Kerns Mfg. Corp.
Kerns Mfg. Corp.
La Pointe Industries Inc.
Magnetic Seal Corp.
McCormick Selph Associates
Chester Morton Electronics Corp.
D. M. Steward Mfg. Co.
Sylvania Electric Products Inc., Parts Div.
Thermo Materials, Inc.
U. S. Hammered Piston Ring Co., Inc.
Western Gold & Platinum

#### Dust Excluder

Auburn Mfg. Co., The
Automatic & Precision Mfg. Co.
Chicago-Allis Mfg. Corp.
Flock Process Co. Inc.
General Cable Corp.
General Gasket Inc.
Walter Lee Chemical Corp.
Magnetic Seal Corp.
Rubbetx Div., Great American Industries Inc.
Rubbetx Div., Great American Industries Inc.
Rubbetcraft Corp. of California
Schlegel Mfg. Co.
U. S. Hammered Piston Ring Co., Inc.

## Grease and Oil

Advanced Products Co., The Auburn Mfg. Co., The Automatic & Precision Mfg. Co.

Chicago-Allis Mfg. Corp. Cleveland Graphite Bronze Co., Div.-Clevite Chicago-Alls Mng. Co.p.
Cleveland Graphite Bronze Co., Div.-Clevite Corp.
Corp.
Continental Diamond Fibre Corp., Sub.—The Budd Co.
Crane Packing Co.
Delta Chemical Works, Inc.
Dumout Aviation Associates
Emerson Plastics Corp.
General Cable Corp.
Gits Brothers Mfg. Co.
Green, Tweed & Co.
Kasar Mrg. & Distributing Co., Inc.
Koppers Co., Inc., Metal Products Div.
La Pointe Industries Inc.
Magnetic Seal Corp.
St. Marys Carbon Co.
Sealol Corp.
U. S. Hammered Piston Ring Co., Inc.
Western Felt Works

### Hermetic and Pressurized

Parimetic and Pressurized
Barium & Chemicals, Inc.
Demornay-Bonardi
Electrical Industries, Div.-Philips Electronics, Inc.
Elgin Micronics, West Coast Div.-Elgin National
Watch Co.
Garde Mig. Co.
General Cable Corp.
Gilmore Industries Inc.
B. F. Goodrich Aviation Products
Joclin Mig. Co.
La Pointe Industries Inc.
Watter Lee Chemical Corp.
Licon Div.-Illinois Tool Works
McCormick Selph Associates
Sealol Corp.
UNITED AIRCRAFT PRODUCTS, INC.

\*UNITED AIRCRAFT PRODUCTS, INC.
U. S. Hammered Piston Ring Co., Inc.
Western Felt Works

## Hydraulic

Hydraulic

Advanced Products Co., The Auburn Mfg. Co., The Cleveland Graphite Bronze Co., Div. Clevite Corp.

Crane Packing Co.

Dumont Aircraft Fitting Co.

Dumont Avietion Associates

Emerson Plastics Corp.

Fluorocarbon Co. Inc., The Gasket, Packing & Specialty Co., Inc.

General Cable Corp.

Fluorocarbon Go. Brong, The Gasket, Packing & Specialty Co., Inc.

General Cable Corp.

F. F. Houghton & Co.

Joclin Mfg. Co.

Kasar Mfg. & Distributing Co., Inc.

Koppers Co., Inc., Metal Products Div.

La Pointe Industries Inc.

Walter Lee Chemical Corp.

Linear, Inc.

Magnetic Seal Corp.

Parker-Hannifin Corp.

Roberts Toledo Rubber Co., The St. Marys Carbon Co.

Sealol Corp.

Simplex Piston Ring Mfg. Co.

Sundstrand Turbo Div., Sundstrand Machine Tool

Co.

Turbo Products, Inc.

Sundstrand Turbo Div., Sundstrand Mac. Co.
Turbo Products, Inc.
\*\*\*\*\*UNITED AIRCRAFT PRODUCTS, INC.
\*\*\*\*U.S. Hammered Piston Ring Co., Inc.
\*\*Vickers Inc., Div.-Sperry Rand
\*\*Western Felt Works\*\*

#### Insulating

Allied Plastics Supply Corp.
Auburn Mfg. Co., The
Bacon Industries, Inc.
Continental Diamond Fibre Corp., Sub—The
Budd Co.
Diamonite Products Mfg. Co.
Emerson Plastics Corp.
Epoxy Products, Inc., Div.-Joseph Waldman &
Sons Epoxy Products, Inc., Div.-Joseph Wal-Sons
Garde Mfg. Co.
Gasket Packing & Specialty Co. Inc.
Isolantite Mfg. Corp.
Joclin Mfg. Corp.
Joclin Mfg. Co.
La Pointe Industries Inc.
Walter Lee Chemical Corp.
Schlegel Mfg. Co.
Seaman Products
Synthane Corp.
Union Asbestos & Rubber Co.
U. S. Hammered Piston Ring Co. Inc.

#### Metal-to-Glass

Arrowhead Products, Div.—Federal-Mogul-Bower Bearings, Inc. L. L. Constantin & Co. Corning Glass Works Delta Chemical Works, Inc. Demornay-Bonardi Electrical Industries, Div.-Philips Electronics, Inc. Fusite Corp. Gilmore Industries Inc.

McCormick Selph Associates Pacific Universal Products Corp. Schlegel Mig. Co. Smooth-On Mig. Co. L.\_Sonneborn & Sons, Inc., Building Products Smooth-Sin Manager Sons, Inc., Dunies Div.
L. Sonneborn & Sons, Inc., Paris Div.
U. S. Hammered Piston Ring Co., Inc.,
Vacuum Metals Corp., Div.-Crucible Steel Co.
of America
Vacuum Tube Products Co. Inc.
VACUUM FUNCTION

#### Missile

Advanced Products Co., The Automatic & Precision Mfg. Co. Cleveland Graphite Bronze Co., Div.-Clevite Automatic
Cleveland Graphite Bronze Co., Dv. Corp.
Corp.
Connecticut Hard Rubber Co., The
Continental Diamond Fibre Corp., Sub.—The
Budd Co.
Emerson Plastics Corp.
Fluorocarbon Co. Inc., The
Green, Tweed & Co.
Joclin Mg. Co.
La Pointe Industries Inc.
Walter Lee Chemical Corp.
Linear, Inc.
Magnetic Seal Corp.
Sealol Corp.
Thompson Products, Inc.
\*WNITED AIRCRAFT PRODUCTS, INC.
\*U. S. Hammered Piston Ring Co., Inc.

Oil

Advanced Products Co., The Anchor Packing Co., The Anchor Packing Co., The Anchor Packing Co., The Chicago-Allis Mig. Corp.
Cleveland Graphite Bronze Co., Div.-Clevite Corp.
Crane Packing Co.
Delfa Chemical Works, Inc.
Dumont Aviation Associates
Emerson Plastics Corp.
General Cable Corp.
General Cable Corp.
Gener, Tweed & Co., Joclin Mig. Co.
Kasar Mig. & Distributing Co., Inc.
Kickhaefer Mig. Co.
Walter Lee Chemical Corp.
Magnetic Seal Corp.
Roberts Toledo Rubber Co., The
St. Marys Carbon Co.
Sealol Corp.
Simplex Piston Ring Mig. Co.
\*UNITED AIRCRAFT PRODUCTS, INC.
U. S. Hammered Piston Ring Co., Inc.
Victor Mig. & Gasket Co.
Western Felt Works

#### Pipe Joint

Advanced Products Co., The
Continental Diamond Fibre Corp., Sub.—The
Budd Co.
Crane Packing Co.
Delta Chemical Works, Inc.
Gasket, Packing & Specialty Co. Inc.
General Cable Corp.
Green, Tweed & Co.
Johns-Manville Dutch Brand Div.
Walter Lee Chemical Corp.
Parker-Hannifin Corp.
Sealol Corp. Farker-Hannitin Corp.
Sealol Corp.
\*UNITED AIRCRAFT PRODUCTS, INC.
Vibra Seal Corp.
X-Pando Corp.

Pump—Mechanical

Allied Plastics Supply Corp.
Auburn Mig. Co., The
Cleveland Graphite Bronze Co., Div.-Clevite
Corp.
Crane Packing Co.
Emerson Plastics Corp.
General Cable Corp.
General Cable Corp.
Green, Jiweed & Co.
Joclin Mig. Co.
Koppers Co., Inc., Metal Products Div.
Walter Lee Chemical Corp.
Linear, Inc.
Magnetic Seal Corp.
Ohio Carbon Co., The
Roberts Toledo Rubber Co., The
St. Marys Carbon Co.
Sealol Corp.
Stein Seal Co.
Thompson Products, Inc.
\*\*UNITED AIRCRAFT PRODUCTS, INC.
U. S. Hammered Piston Ring Co., Inc.
Western Fell Works

## Shaft

Crane Packing Co.
Emerson Plastics Corp.
Flexonics Corp.
Flexonics Corp.
Flexonics Corp.
Flexonics Corp.
Flexonics Corp.
Flexonics Corp.
Greened Cable Corp.
Greened Cable Corp.
Greened Mig. Co.
Koppers Co., Inc., Metal Products Div.
La Pointe Industries Inc.
Walter Lee Chemical Corp.
Linear, Inc.
Magnetic Seal Corp.
Morganite, Inc.
Neosil Products Co.
Ohio Carbon Co., The
St. Marys Carbon Co.
Sealol Corp.
Simplex Piston Ring Mfg. Co.
Stein Seal Co.
Sundstrand Turbo Div., Sundstrand Machine Tool
Co.
Thompson Products, Inc.
Line Hampered Fiston Ring Co., Inc. Co.
Thompson Products, Inc.
U. S. Hammered Piston Ring Co., Inc.
Vibra Seal Corp.
Victor Mfg. & Gasket Co.
Western Felt Works

#### Special Purpose

Advanced Products Co., The
Allied Plastics Supply Corp.
Auburn Mfg. Co., The
Automatic & Precision Mfg. Co.
Bacon Industries, Inc.
Carbone Corp., The
Cleveland Graphite Bronze Co., Div.-Clevite
Corp.,
Connecticut Hard Rubber Co., The
Emerson Plastics Corp.
General Cable Corp.
B. F. Goodrich Aviation Products
Green, Iweed & Co.
Joclin Mfg. Co.
Herrick L. Johnston, Inc.
Kemp Inc. Joelin Mrg., Co. Herrick L. Johnston, Inc.
Kemp Inc.
Kems Mfg. Corp.
Kickhaefer Mfg. Co.
Koppers Co., Inc., Metal Products Div.
La Pointe Industries Inc.
Walter Lee Chemical Corp.
Linear, Inc.,
Magnetic Seal Corp.
Rubatex Div., Great American Industries Inc.
St. Marys Carbon Co.
Schlegel Mfg. Co.
Schlegel Mfg. Co.
Sealol Corp.
Simplex Piston Ring Mfg. Co.
Timpson Products, Inc.
\*\*UNITED AIRCRAFT PRODUCTS, INC.
U. S. Hammered Piston Ring Co., Inc.

#### SHAFTS, FLEXIBLE

American Flexible Coupling Div., Zurn Industries, American Flexible Coupling Inc. Birnbach Radio Co., Inc. B. W. Elliott Mfg. Co., Inc. Geartronics Corp. E. F. Johnson Co. \*F. W. STEWART CORP. Stewart-Warner Corp.

## SHAFTS, RIGID

Affiliated Screw Products Co.
American Flexible Coupling Div., Zurn Industries,
Inc.
American Steel Foundries, Hammond Div.
Bridgwater Machine Co.
Continental Diamond Fibre Corp., Sub.—The Continental Diamond Fibre Corp., Sub.—The Budd Co.
Dayton Mfg. Co., Inc.
Enflo Corp.
Engineered Products Co., The Federal Machine Co. Inc.
Hupp Aviation Co.
E. F. Johnson Co.
Henry & Miller Industries, Inc.
Pic Design Corp., Sub—Benrus Watch Co., Inc.
Research Development Mfg. Inc.
Sier-Bath Gear & Pump Co., Inc.
United Mfg. Co., The
Wells Industries Corp.
Wright Aeronautical Div., Curtiss-Wright Corp.

#### SHAFTS, TURBINE

Sealol Corp.
Stein Seal Co.
Thompson Products, Inc.
U. S. Hammered Piston Ring Co., Inc.
Western Felt Works

Shaft

Auburn Mfg. Co., The
Auburn Mfg. Co., The
Auburn Mfg. Corp.
Carbone Corp., The
Chicago-Allis Mfg. Corp.
Cleveland Graphite Bronze Co., Div.-Clevite
Corp.

American Flexible Coupling Div., Zurn Industries,
Inc.
Bridgwater Machine Co.
Guided Missile Div.-De Havilland Aircraft of Canada, Ltd.
Houston Fearless Corp.
Ladish Co.
\*\*IYCOMING DIV., AVCO MFG. CORP.
Merz. Engrg., Inc.
Solar Aircraft Co.
Sundstrand Turbo Div., Sundstrand Machine
Tool Co.
Taley Corp. The
\*\*WESTINGHOUSE ELECTRIC CORP.
Wright Aeronautical Div., Curliss-Wright Corp. American Flexible Coupling Div., Zurn Industries,

#### SHIELDING

Allied Plastics Supply Corp.
American Brass Co., American Metal Hose Div.
Bar-Ray Products, Inc.
Beaton & Corbin Mfg. Co., The
Belmont Smelting & Refining Works, Inc.
Enflo Corp.
Goodyear Aircraft Corp.
Hallett Mfg. Co.
Swedlow Plastics Co.
Zippertubing Co., The

#### Heat

Continental Diamond Fibre Corp., Sub.-The Continental Diamond Fil Budd Co. Enflo Corp. General Cable Corp. Goocyear Aircraft Corp. Hupp Aviation Co. Smith-Morris Corp. Swedlow Plastics Co.

#### Ignition

Airtron, Inc.
American Brass Co., American Metal Hose Div.
Amburn Mfg. Co., The
Connecticut Hard Rubber Co., The
Connecticut Hard Rubber Co., The
Co-Operative Industries, Inc.
Flexible Metal Hose Mfg. Co.
General Cable Corp.
Hallett Mfg. Co.
Johnson Metal Hose, Inc.
J. E. Menaugh Co.
Scintilla Div., Bendix Aviation Corp.
Servicair Co.
Skytronics
Titeflex, Inc. Titeflex, Inc.
Zippertubing Co., The

### Lead

Alpha Metals, Inc.
Anchor Metal Co, Inc.
Anchor Metal Co, Inc.
Bar-Ray Products, Inc.
Belmont Smeltling & Refining Works, Inc.
Division Lead Co.
G. W. Galloway Co.
Gasket, Packing & Specialty Co. Inc.
Goldsmith Brothers Smelting & Refining Co.
Hallett Mg. Co.
Zippertubing Co., The

#### Lead, Nuclear

Bar-Ray Products, Inc.
Division Lead Co.
G. W. Galloway Co.
Gasket, Packing & Specialty Co. Inc.
Telectro Industries Corp.
Wells Industries Corp.
Zippertubing Co., The

#### Magnetic

Hallett Mfg. Co. Magnetic Shield Div.-Perfection Mica Co. Shielding Inc. Telectro Industries Corp. Zippertubing Co., The

#### Radiation

(Adiation

Allied Plastics Supply Corp.
Barium & Chemicals, Inc.
Bar-Ray Products, Inc.
Bar-Ray Products, Inc.
Bar-Ray Products, Inc.
Canadian Radium & Uranium Corp.
Division Lead Co.
Fansteel Metallurgical Corp.
Garreft Corp., The, Air Cruisers Div.
General Cable Corp.
P. R. Mallory & Co. Inc.
Metallurgical Products Dept., General Electric
Co. Merallurgical Froducts Dept., Oc. Co.

Co.

Nuclear Corp. of America, Inc.

Radiation Counter Labs., Inc.

Solar Aircraft Co.

Telectro Industries Corp.

Zippertubing Co., The

## Radiation, Nuclear

Radiation, Nuclear

Allied Plastics Supply Corp.
Aluminum Co. of America
American Agile Corp.
American Silver Co.
American Silver Co.
American Silver Co.
Bar-Ray Products, Inc.
Bar-Ray Products, Inc.
Bar-Ray Belling & Refining Works, Inc.
Corning Glass Works
Division Lead Co.
Garrett Corp., The, Air Cruisers Div.
Gasket, Packing & Specialty Co. Inc.
Metallurgical Products Dept., General Electric
Co.
Norton Co.
Nuclear Corp. of America, Inc.
Radiation Counter Labs., Inc.
Telectro Industries Corp.
Westlake Plastics, CrystalX Corp.
Zippertubing Co., The

Continental Diamond Fibre Corp., Sub.-The Budd Co. Shielding Inc.

#### SHIMS, ADJUSTING

SHIMS, ADJUSTING

Acme Mfg. & Gasket Co.
American Silver Co.
Auburn Mfg. Co., The
G. M. Dykes Iron Works, Inc.
Emerson Plastics Corp.
Gasket Mfg. Co. Inc.
Gasket, Packing & Specialty Co. Inc.
General Gasket Inc.
Walter K. Jaros, Aircrafters
\*LAMINATED SHIM CO.
La Pointe Industries Inc.
Pic Design Corp., Sub.—Benrus Watch Co., Inc.
Rodney Metals Inc.
TA Mfg. Corp.
Techniques, Inc.
Westlake Plastics, CrystalX Corp.
Wrought Washer Mfg. Co.

#### SILICATES

Delta Chemical Works, Inc.

#### SILICON

Belmont Smelting & Retining Works, Inc. Bram Metallurgical & Chemical Co. Delta Chemical Works, Inc. Eagle-Picher Co., The Garrett Corp., The, Air Cruisers Div. Green Rectifier Co. United States Dynamics Corp.

#### SILICONE GREASES

Alpha-Molykote Corp.
Delta Chemical Works, Inc.
Silicone Products Dept., General Electric Co.
Silicones Div.-Union Carbide Corp.

#### SILICONE OILS

Delta Chemical Works, Inc. Silicone Products Dept., General Electric Co. Silicones Div.-Union Carbide Corp.

#### SILICONE RUBBER

Allied Plastics Supply Corp.
Anchor Packing Co., The
Arrowhead Products, Div.—Federal-Mogul-Bower
Bearings, Inc.
Auburn Mig. Corp.
Connecticut Hard Rubber Co., The
Continental Diamond Fibre Corp., Sub.—The
Budd Co., Inc., The
Budd Co., Inc., The
Datta Chemical Works, Inc.,
Eagle-Picher Co., The
Garrett Corp., The, Air Cruisers Div.
General Gasket Inc.
Hewitt-Robins, Inc.
New England Tape Co., Inc.
Pacific Moulded Products Co.
Raybestos-Manhattan, Inc.
Rogers Corp.
Rubbercraft Corp. of California
Silicone Products Dept., General Electric Co.,
Surprenant Mfg. Co.,
Varflex Corp.

### SILVER & ALLOYS

Accurate Specialties Co., Inc., Allied Research & Engrg., Div.-Allied Record Mig. Co.
American Brazing Alloys Co.
American Brazing Alloys Co.
American Silver Co., Inc., Allied Record Mig. Co., Inc., Allied Record Refining Co., Inc., Allied Record Refining Co., Inc., Allied Record Refining Co., Inc., Belmont Smelting & Refining Works, Inc., J. Bishop & Co., Platinum Works
Bram Metallurgical & Chemical Co., Dalweld Co., Inc., Division Lead Co., Inc., Division Lead Co., Wilbur B. Driver Co., Eastern Smelting & Refining Corp., Goldsmith Brothers Smelting & Refining Co., Goldsmith Brothers Smelting & Refining Co., Goldsmith Brothers Smelting & Refining Co., Handy & Harman Leach & Garner Co., Industrial Div., P. R., Mallory & Co., Inc., Standard Metals Corp.

#### SILVER PASTE

All-State Welding Alloys Co., Inc.
American Silver Co.
Anchor Metal Co. Inc.
Attleboro Refining Co. Inc.
Belmont Smelting & Refining Works, Inc.
Goldsmith Brothers Smelting & Refining Co.
Handy & Harman
Naz-Dar Co.
Western Gold & Platinum

#### SLEEVES, METALLIC

Allied Plastics Supply Corp.
Amatom Electronic Hardware Co. Inc.
American Brass Co., The
American Steel Foundries, Hammond Div.
American Welding & Mfg. Co., The
Arrowhead Products, Div.—Federal-Mogul-Bower American Welding & Mig. Co., Ihe Arrowhead Products, Div.—Federal-Mogul-Bower Bearings, Inc.
Bridgwater Machine Co.
Century Fasteners Corp.
Cleveland Graphite Bronze Co., Div.-Clevite Corp.
Dayton Mig. Co., Inc.
Dumont Aircraft Fifting Co.
Electronic Techniques, Inc.
Ex-Cell-O Corp.
Fromson Orban Co., Inc.
General Cable Corp.
B. H. Hadley, Inc.
Walter K. Jaros, Aircrafters
Kemp Inc.
La Pointe Industries Inc.
Henry & Miller Industries, Inc.
Parish Pressed Steel, Div.-Dana Corp.
Peerless Products Industries
St. Marys Carbon Co.
Surprenant Mig. Co.,
Thompson Products, Inc.
United Mig. Co., The
Warren Mig. Div., Warren Brothers Roads Co.
Weatherhead Co., The

#### SLEEVES, NON METALLIC

Allied Plastics Supply Corp.
Arrowhead Products, Div.—Federat-Mogul-Bower
Bearings, Inc.
Auburn Mfg. Co., The
Birnbach Radio Co., Inc.
Borden Chemical Co., The, Div.-The Borden
Co., Resinite Dept.,
Continental Diamond Fibre Corp., Sub.—The
Budd Co.
\*COOPER DEVELOPMENT CORP.
Diamonite Products Mfg. Co.
Diamonite Products Mfg. Co.
Diamonite Products Budd Co.
COOPER DEVELOPMENT CORP.
Diamonite Products Mfg. Co.
Electronic Techniques, Inc.
Emerson Plastics Corp.
Enflo Corp.
Graphite Metallizing Corp.
Walter K. Jaros, Aircrafters
Walter Lee Chemical Corp.
J. E. Menaugh Co.
New England Tape Co., Inc.
Peerles Products Industries
Resistoflex Corp.
Rex Corp., The
Rubbercraft Corp. of California
St. Marys Carbon Co.
Saxonburg Ceramics
Silicone Insulation, Inc.
Surpsenant Mfg. Co.
Synthane Corp.
Varflex Corp.
Waterbury Companies, Inc.

#### SLEEVES, TUBE

Allied Plastics Supply Corp.
Amatom Electronic Hardware Co. Inc.
Amatom Electronic Hardware Co. Inc.
Arrowhead Products. Div.—Federal-Mogul-Bower
Bearings, Inc.
Borden Chemical Co., The, Div.-The Borden
Co., Resinite Dept.
William Brand & Co., Inc.
Continental Diamond Fibre Corp., Sub.—The
Budd Co.
Dumont Aircraft Fitting Co.
Electronic Techniques, Inc.
Enflo Corp.
General Cable Corp.
Henry & Miller Industries, Inc.
La Pointe Industries, Inc.
La Pointe Industries, Inc.
Crange Roller Bearing Co., Inc.
Parker Aircraft Co.
Parker Aircraft Co.
Parker Aircraft Co.
Parker Aircraft Co.
Vinied Mig. Co., The
Westline Products Div., Western Lithograph Co.
Zippertublic

Allied Plastics Supply Corp. Arrowhead Products, Div.—Federal-Mogul-Bower Bearings, Inc. Borden Chemical Co., The, Div.-The Borden Co., Resinite Dept.

William Brand & Co., Inc.
Continental Diamond Fibre Corp., Sub.—The
Budd Co.
Enllo Corp.
General Cable Corp.
General Plastics Corp. of New Jersey
Lamtex Industries, Inc.
Orange Roller Bearing Co., Inc.
Resistoflex Corp.
United Mfg. Co., The
Varilex Corp.
Westline Products Div., Western Lithograph Co.
Zippertubing Co., The

#### SLIP RING ASSEMBLIES

SLIP RING ASSENDENCE

Antiab Inc.
Dumont Aviation Associates
Electro Tec Corp.
Engelhard Industries Inc., D. E. Makepeace Div.
General Findings & Supply Co., Industrial Div.
Geodyear Aircraft Corp.
Graphite Metallizing Corp.
Kelsey-Hayes Co.,
La Pointe Industries Inc.
Leach & Garner Co., Industrial Div.
\*LYCOMING DIV., AYCO MFG. CORP.
Magnasync Mfg. Co., Ltd.
J. M. Ney Co., The
Servonic Instruments, Inc.
\*SLIP RING CO. OF AMERICA
Uniwave, Inc.

## SOLDER, ALUMINUM

Accurate Specialties Co. Inc.
All-State Welding Alloys Co., Inc.
Alpha Metals, Inc.
Aluminum Co. of America
American Solder & Flux Co.
Anchor Metal Co. Inc.
Belmont Smelting & Refining Works, Inc.
Bow Solder Products Co., Inc.
Handy & Harman

#### SOLDER, INDIUM

Accurate Specialties Co. Inc.
Alpha Metals, Inc.
Anchor Metal Co. Inc.
Belmont Smelting & Refining Works, Inc.
Bow Solder Products Co., Inc.
Bram Metallurgical & Chemical Co.

#### SOLDER, LEAD-TIN

Accurate Specialties Co. Inc.
All-State Welding Alloys Co., Inc.
Alpha Metals, Inc.
Anchor Metal Co. Inc.
Belmont Smelling & Refining Works, Inc.
Bow Solder Products Co., Inc.
New York Solder Co., Inc.
Tricon Mfg. Co.

## SOLDER, PLATINUM

Accurate Specialties Co. Inc.
American Silver Co.
Anchor Metal Co. Inc.
Belmont Smelting & Refining Works, Inc.
Berm Metallurgical & Chemical Co.
Eastern Smelting & Refining Corp.
Handy & Harman
Metals & Controls Corp.
Tricon Mfg. Co.
Western Gold & Platinum

### SOLID ROCKET FUELS

Anderson, Greenwood & Co.
Callery Chemical Co.
\*COOPER DEVELOPMENT CORP.
B. F. Goodrich Aviation Products
Olin Mathleson Chemical Corp., High Energy
Fuels Div. Redstone Arsenal Research Div., Rohm & Haas Thompson Products, Inc.

#### **SPACERS**

SPACERS
Allied Plastics Supply Corp.
Amatom Electronic Hardware Co., Inc.
\*AMERICAN MACHINE & FOUNDRY CO.
Amplex Div.-Chrysler Corp.
Auburn Mfg. Co., The
J. H. Bunnell & Co., The
J. H. Bunnell & Co.
California Aircraft Products
Century Fasteners Corp.
Conlinental Diamond Fibre Corp., Sub.—The
Budd Co.
\*DIVERSEY ENGRG. CO.
Dumont Aircraft Fitting Co.
Electronic Techniques, Inc.
Entlo Corp.
Ex-Cell-O Corp.
Freeman Co., The
Garda Mfg. Co.
Gasket, Packing & Specialty Co. Inc.
General Components Inc.
General C

J. J. Monaghan Co., Inc.
Pic Design Corp., Sub.—Benrus Watch Co., Inc.
Pacific Cut Washer Co.
Sealectric Switch & Relay Corp.
Sealed Corp.
Sealed Corp.
Simonds Saw & Sieel Co.
Simonds Saw & Sieel Co.
Ta Mfg. Corp.
Thempson Products, Inc.
United-Carr Fastener Corp.
Urica Drop Forge & Tool Div.-Kelsey Hayes Co.
Wrought Washer Mfg. Co.

Wrought Washer Mfg. Co.

J. Media Market Corp., Red Bank Div.
SeARRETT CORP., THE, AIRESEARCH MFG.
DIVS.
Sealor Corp., Red Bank Div.
SeARRETT CORP., THE, AIRESEARCH MFG.
DIVS.
Sealor Corp., Red Bank Div.
SeARRETT CORP., THE, AIRESEARCH MFG.
DIVS.
Sealor Corp., Red Bank Div.
Search Aviation Corp., Red Bank Div.
Search Aires Corp., Inc.
Propellex Chemical Corp.
Sundstrand Aviation, Div.-Sundstrand Machine
Tool Co.
Vickers Inc., Div.-Sperry Rand
Wells Industries Corp.

STARTERS, PNEUMATIC
Aircraft Equipment Div.-Consolidated Diesel

#### SPINNINGS, METALLIC

SPINNINGS, METALLIC
California Aircraft Products
\*COOPER DEVELOPMENT CORP.
Davton Mfg. Co., Inc.
\*DivERSEY ENGRG. CO.
Flexonics Corp.
Gasket Mfg. Co., Inc.
Henry & Miller Industries, Inc.
Kaiser Aircraft & Electronics Div.-Kaiser Industries Corp.
Kling Meial Spinning & Stamping Co.
\*PHOENIX PRODUCTS CO.
Revere Copper & Brass Inc.
Royal Industries, Inc.
Seamless Products Co., Inc.
Spincraft, Inc.
Superior Spinning & Stamping Co.
\*C. W. TORNOREN CO., INC.
\*UNITED AIRCRAFT PRODUCTS, INC.
Wastholt Mfg. Co.
Wostholt Mfg. Co.
Wright Aeronautical Div.—Curtiss-Wright Corp.

## SPRING CONTACT METAL STOCK

American Brass Co., The
American Silver Co.
Engelhard Industries Inc., D. E. Makepeace Div.
General Findings & Supply Co., Industrial Div.
Gibson Electric Co.
Hamilton Watch Co., Military
Leach & Garner Co., Industrial
Mid-West Spring Mfg. Co.
J. M. Ney Co., The
Rodney Metals Inc.
Servicair Co.

#### SPRINGS

SPRINGS

Ace Spring Mfg. Co., Inc.
American Steel Foundries, Hammond Div.
\*AMERICAN STEEL & WIRE DIV.-UNITED STATES
STEEL CORP.
W. L. Barrett Co., The
Crucible Steel Co. of America
Dumont Aircraft Fitting Co.
General Sound Control, Inc.
Hamilton Watch Co., Military Products Div.
Leetronics, Inc.
J. E. Menaugh Co.
Mid-West Spring Mfg. Co.
Newcomb Spring of Conn., Inc.
Pic Design Corp., Sub.—Benrus Watch Co., Inc.
Reliable Spring & Wire Forms Co., The
Techniques, Inc.

#### STACKS

ACF Industries, Inc., Advanced Products Div. Kaiser Aircraft & Electronics Div.-Kaiser Industries Corp.
Portland Copper & Tank Works Inc.
Standard Armament Inc.
Wrought Washer Mig. Co.

#### STAMPED PARTS, TUBE

STAMPED PARTS, TUBE

Ackerman Gould Co.
Aircraft Mechanics, Inc.
American Brass Co., The
Art Wire & Stamping Co.
Bergen Carbide Co.
California Aircraft Products
Carroll Pressed Metal, Inc.
Cromer Mfg. & Engrg., Inc.
G. M. Dykes Iron Works, Inc.
Elm Mfg. Co., Inc.
Gasket, Packing & Specialty Co. Inc.
Henry & Miller Industries, Inc.
Hunter Spring Co.
Kaiser Aircraft & Electronics Div.-Kaiser Industries Corp.
Kling Metal Spining & Stamping Co.
\*\*LAMINATED SHIM CO.
Parish Pressed Steel, Div.-Dana Corp.
Penn-Michigan Mfg. Corp.
Ryan Aeronautical Co.
\*\*RYAN INDUSTRIES
Stainless Steel Products Inc.
Sylvania Electric Products Inc., Parts Div.
Techniques, Inc.
Wayne Foundry & Stamping Co.
Winder Aircraft Corp. of Fla.
J. H. Winn Inc.

\*\*CTADTEDS\*\* GAS TIIRRINE FNGINE\*\*

### STARTERS, GAS TURBINE ENGINE

Accessory Controls & Equipment Corp.

Aircraft Equipment Div.-Consolidated Diesel Electric Corp. \*GARRETT CORP., THE, AIRESEARCH MFG. McCormick Selph Associates
Sprague Engrg. Corp.
Wells Industries Corp.

#### STARTERS, ROCKET ENGINE

Atlantic Research Corp.

\*COOPER DEVELOPMENT CORP.

\*DIVERSEY ENGRG. CO.

\*GRAND CENTRAL ROCKET CO.

McCormick Selph Associates

Olin Mathieson Chemical Corp., High Energy Fuels Div.
Propellex Chemical Corp.
Reaction Motors, Inc.
Solar Aircraft Co.
Turbo Dynamics Corp.

#### STARTING SYSTEMS & CONTROLS

Accessory Controls & Equipment Corp.
Air Logistics Corp.,
Aircraft Equipment Div.-Consolidated Diesel Electric Corp.
CDC Control Services, Inc.
\*GARRETT CORP., THE, AIRESEARCH MFG.
DIVS.
Propellex Chemical Corp.
Telectro Industries Corp.
Vickers Inc., Div.-Sperry Rand

## STEEL, ELECTRIC

Armco Steel Corp.
Carpenter Steel Co., The
Crucible Steel Co. of America
Hammett Electric Co.
Republic Steel Corp.
Thompson Products, Inc.
Vanadium-Alloys Steel Co.
\*WESTINGHOUSE ELECTRIC CORP.

#### STEEL, METAL COATED

American Steel & Wire Div.-United States Steel American Steel & Wire Divi-United Corp. Armoo Steel Corp. Kemp Inc. Kickhaefer Mfg. Co. Lukens Steel Co. National-Standard Co. Republic Steel Corp. Arthur Tickle Engrg. Works, Inc.

#### STEEL, STAINLESS

All Boro Metal Products Co., Inc.
American Silver Co.
American Steel & Wire Div.-United States Steel
Corp.,
Armo Steel Corp.
J. Bishop & Co. Platinum Works
Carpenter Steel Co., The
Chase Brass & Copper Co., Inc.
Crucible Steel Co. of America
Eastern Stainless Steel Corp.
Electric Steel Foundry Co.
Firth Sterling Inc.
Johnston & Funk Titanium Corp.
Republic Steel Corp.
Rodney Metals Inc.
Joseph T. Ryerson & Son, Inc.
Solar Aircraft Co.
Thompson Products, Inc.
Timken Roller Bearing Co., The
Tube Distributors Co., Inc.
United States Steel Corp.
Vacuum Metals Corp., Div.-Crucible Steel Co.
of America

\*\*MATCLUSE\*\*

#### **SWITCHES**

\*MISSILE COMPONENTS GROUP, ELECTRO-SNAP SWITCH & MFG. CO.

## TAILPIPES, JET ENGINE

ACF Industries, Inc., Advanced Products Div. Aircraft Mechanics, Inc. American Welding & Mfg. Co., The Basic Tool Industries, Inc. Bridgwater Machine Co. G. M. Dykes Iron Works, Inc. Eaton Mfg. Co., Inc., Fredric Flader Div. Finn Aeronautical Div.-T. R. Finn & Co., Inc. Hupp Aviation Co. Kaiser Aircraft & Electronics Div.-Kaiser Industries Corp. Kelsey-Hayes Co.

\*LAVELLE AIRCRAFT CORP. Penn-Michigan Mfg. Corp.
\*RHEEM MFG. CO., AIRCRAFT DIV.
Rohr Aircraft Corp.
Ryan Aeronautical Co.
Smith-Morris Corp.
Solar Aircraft Co. Smith-Morris Corp.
Solar Aircraft Co.
\*STALKER DEYELOPMENT CO.
Thompson Products, Inc.
Turbo Products, Inc.
\*UNITED AIRCRAFT PRODUCTS, INC.
Warren Mg. Div., Warren Brothers Roads Co.
\*WESTINGHOUSE ELECTRIC CORP.
Wright Aeronautical Div., Curtiss-Wright Corp.

#### **TANKS**

TANKS

ACF Industries, Inc., Advanced Products Div. Acme Welding Div., The United Tool & Die Co. Aluminum Co. of America

\*\*AMERICAN MACHINE & FOUNDRY CO. American Welding & Mfg. Co., The Bar-Ray Products, Inc., Basic Tool Industries, Inc., California Aircraft Products Champion Co., The J. P. DeVine Mfg. Co., G. M. Dykes Iron Works, Inc., Food Machinery & Chemical Corp., Ordnance Div., G. W. Galloway Co., Hahn & Clay Kaiser Aircraft & Electronics Div.-Kaiser Industries Corp. Kelsey-Hayes Co., R. C. Mahon Co., The Henry & Miller Industries, Inc., Pioneer-Central Div., Bendix Aviation Corp. Reaction Motors, Inc.

\*\*RHEEM MFG. Co., AIRCRAFT DIV. Royal Industries, Inc., Pioneer-Central Corp., Royal Industries, Inc., Syan Aeronautical Co., Spincraft, Inc., Thieblot Aviation Co., Div.-Vitro Corp. of America United Mfg. Co., The

\*\*WASHINGTON ALUMINUM CO., INC.

\*\*Weber Aircraft Corp.

America
United Mfg. Co., The

\*WASHINGTON ALUMINUM CO., INC.
Weber Aircraft Corp.
Wells Industries Corp.
Wright Aeronautical Div., Curtiss-Wright Corp.

### Auxiliary

Auxiliary

ACF Industries, Inc., Advanced Products Div. Aluminum Co. of America American Agile Corp.
Basic Tool Industries, Inc.
Champion Co., The G. M. Dykes Iron Works, Inc.
G. W. Galloway Co., Joclin Mfg. Co.
Kaiser Aircraft & Electronics Div.-Kaiser Industries Corp.
Kelsey-Hayes Co., Henry & Miller Industries, Inc.
Parish Pressed Steel, Div.-Dana Corp.
Rohr Aircraft Corp.
Royal Industries, Inc.,
Ryan Aeronautical Co., Smith-Morris Corp.
Solar Aircraft Co.
Thieblot Aviation Co., Div.-Vitro Corp. of America
United States Chemical Milling Corp.

\*WASHINGTON ALUMINUM CO., INC.
Weber Aircraft Corp.
Wels Industries Corp.
Wels Industries Corp.
Westholt Mfg. Co.
Wright Aeronautical Div., Curtiss-Wright Corp.

#### Auxiliary Drop

Auxiliary Drop

ACF Industries, Inc., Advanced Products Div. American Agile Corp.
Basic Tool Industries, Inc.
Calcor Corp., Aircraft Div.
Champion Co., The Works, Inc.
G. W. Dykes ron Works, Inc.
G. W. Gelloway Co.
Kaiser Aircraft & Electronics Div.-Kaiser Industries Corp.
Kelsey-Hayes Co.
Henry & Miller Industries, Inc.
Parish Pressed Steel, Div.-Dana Corp.
Royan Aeronautical Co.
\*RYAN INDUSTRIES
Smith-Morris Corp.
Solar Aircraft Co.
Thieblot Aviation Co., Div.-Vitro Corp. of America
United States Chemical Milling Corp. America United States Chemical Milling Corp.
Weber Aircraft Corp.
Wells Industries Corp.
Westholt Mfg. Co.

ACF Industries, Inc., Advanced Products Div. Acme Welding Div., The United Tool & Die Co. Air Logistics Corp.

Air Products, Inc.
Aluminum Co. of America
American Agile Corp.

\*AMERICAN MACHINE & FOUNDRY CO.
Buffalo Metal Container Corp.
Champion Co., The
Consolidated American Services, Inc.
G. W. Dykes Iron Works, Inc.
G. W. Galloway Co.
Hupp Aviation Co.
Joclin Mfg. Co.
Herrick L. Johnston, Inc.
Kaiser Aircraft & Electronics Div.-Kaiser Inc.
dustries Corp.
Kaiser Aircraft Allectronics Div.-Kaiser Inc.
Pressed Steel Tank Co.
Reaction Motors, Inc.
Reaction Motors, Inc.
Reaction Motors, Inc.
Reher MFG. Co., AltCRAFT DIV.
Rohn Aircraft Corp.
Royal Industries, Inc.
Ryarn Aeronautical Co.
\*\*RYAN INDUSTRIES
Shaw Metal Products Corp.
Smith-Morris Corp.
Solar Aircraft Co.
Thieblot Aviation Co., Div.-Vitro Corp. of America

\*\*INITED AlrCRAFT PRODUCTS, INC.
United States Chemical Milling Corp.

America
\*UNITED AIRCRAFT PRODUCTS, INC.
United States Chemical Milling Corp.
\*WASHINGTON ALUMINUM CO., INC.
Weber Aircraft Corp.
Wells Industries Corp.
Westholt Mfg. Co.
Wright Aeronautical Div., Curtiss-Wright Corp.

#### Liquid Nitrogen

ACF Industries, Inc., Advanced Products Div. Air Products, Inc., American Agile Corp. Air Products, Inc.
American Agile Corp.
\*AMERICAN MACHINE & FOUNDRY CO. American Agile Corp.

\*AMERICAN MACHINE & FOUNDRY CO.

Aro Equipment Corp., The
Champion Co., The
Consolidated American Services, Inc.

D. K. Mig. Co.

G. W. Galloway Co.
Hahn & Clay
Herrick L. Johnston, Inc.
Kaiser Aircraft & Electronics Div.-Kaiser Industries Corp.
Kelsey-Hayes Co.
Menasco Mig. Co.
Menasco Mig. Co.
Menasco Mig. Co.
Pioneer-Central Div., Bendix Aviation Corp.
Portland Copper & Tank Works, Inc.
Persed Steel Tank Co.
\*\*RHEEM MFG. Co., AIRCRAFT DIV.
Ronan & Kunzl. Inc.
Ronan & Kunzl. Inc.
RYAN INDUSTRIES
Solar Aircraft Co.
Superior Air Products Co.
Thieblot Aviation Co., Div.-Vitro Corp. of
America
Thompson Products, Inc.
\*\*WASHINGTON ALUMINUM CO., INC.
Weslen Arc Welding, Inc.
Wesholt Mig. Co.
Wright Aeronautical Div., Curtiss-Wright Corp.

#### Liquid Oxygen

ACF Industries, Inc., Advanced Products Div. Air Products, Inc., Air Products, Inc., American Agile Corp.

\*\*\*AMERICAN MACHINE & FOUNDRY CO. Aro Equipment Corp., The Champion Co., The Consolidated American Services, Inc. D K Mfg. Co.
G. M. Dykes Iron Works, Inc., G. W. Galloway Co.

\*\*ARRETT CORP., THE, AIRESEARCH MFG. DIVS. Hahn & Clay Herrick L. Johnston, Inc.
Kaiser Aircraft & Electronics Div.-Kaiser Industries Corp.

Kelsey-Hayes Co., Menaco Mig. Co.
Pioneer-Central Div., Bendix Aviation Corp.
Portland Copper & Tank Works Inc.
Reaction Motors, Inc.

\*\*RHEEM MFG. CO., AIRCRAFT DIV.
Ronan & Kunzl Inc., Cryogenic Div.

\*\*RYAN INDUSTRIES

Solar Aircraft Co.
Spincraft, Inc.
Superior Air Products Co.
Thieblof Aviation Co., Div.-Vitro Corp. of America
America Products, Inc.

\*\*WASHINGTON ALUMINUM CO., INC.
Wells Industries Corp.

Western Arc Welding, Inc. Westholt Mfg. Co. Wright Aeronautical Div.—Curtiss-Wright Corp.

Liquified Gas Storage

ACF Industries, Inc., Advanced Products Div. Air Products, Inc. American Agile Corp. \*AMERCAN MACHINE & FOUNDRY CO.

\*AMERCAN MACHINE & FOUNDAT CO.
Aro Equipment Corp., The
D K Mfg. Co.
G. M. Dykes Iron Works, Inc.
\*GARREIT CORP., THE, AIRESEARCH MFG.

\*GARRETT CORP., THE, AIRESEARCH M DIVS.
Hahn & Clay
Herrick L. Johnston, Inc.
Kelsey-Hayes Co.
Menasco Mig. Co.
Pioneer-Central Div.-Bendix Aviation Corp.
Portland Copper & Tank Works Inc.
Pressed Steel Tank Co.
\*RHEEM MFG. CO., AIRCRAFT DIV.
Ronan & Kunzl, Inc.
Ronan & Kunzl, Inc.
Ronan & Kunzl, Steel Common Common

Superior Air Products Co. Thieblot Aviation Co., Div.-Vitro Corp. of Medica Aviation Co America Weatherhead Co., The Wells Industries Corp. Westholt Mfg. Co.

Oil

ACF Industries, Inc., Advanced Products Div. Acme Welding Div.-The United Tool & Die Co. American Agile Corp.
Buffalo Metal Container Corp.
G. M. Dykes Iron Works, Inc.
Hahn & Clay
Houston Fearless Corp. Hupp Aviation Co.
Kaiser Aircraft & Electronics Div.-Kaiser Industries Corp.

Kaiser Aircraft & Literature Augusties Corp.

\*REGENT JACK MFG. CO., INC.
Rohr Aircraft Corp.
Ryan Aeronautical Co.,
Shaw Metal Products Corp.
Thieblot Aviation Co., Div.-Vitro Corp. of Thieblot Aviation Co., bivaring Corp.
America
Warren Mfg. Div.-Warren Brothers Roads Co.
Weber Aircraft Corp.
Wells Industries Corp.
Westholt Mfg. Co.

Self Sealing

ACF Industries, Inc., Advanced Products Div. American Agile Corp., Kaiser Aircrátt & Electronics Div.-Kaiser In-dustries Corp. Wells Industries Corp.

Transportation and Storage

ACF Industries, Inc., Advanced Products Div. Acme Welding Div.-The United Tool & Die Co. Air Logistics Corp.
Air Products, Inc., Aluminum Co. of America American Agile Corp.
\*AMERICAN MACHINE & FOUNDRY CO.

AMERICAN MACHINE & FOUNDRY CO.
Applied Design Co.
Buffalo Metal Container Corp.
Buffalo Metal Container Corp.
Calcor Corp. Aircraft Div.
Champion Co., The
G. M. Dykes Iron Works, Inc.
Food Machinery & Chemical Corp., Ordnance
Div

Div.

Div.

Div.

Div.

Div.

Hann & Clay

Herrick L. Johnston, Inc.

Kaiser Aircraft & Electronics Div.-Kaiser Industries Corp.

Nooter Corp.

Portland Cooper & Tank Works Inc.

Pressed Steel Tank Co.

\*REGENT JACK MFG. CO., INC.

\*RHEEM MFG. CO., AIRCRAFT DIV.

\*RYAN INDUSTRIES

Solar Aircraft Co.

Solar Aircraft Co. Thieblot Aviation Co., Div.-Vitro Corp. of America \*WASHINGTON ALUMINUM CO., INC. Weber Aircraft Corp. Wells Industries Corp.

**TANTALUM** 

Arvarda Specialities Co. Inc.
American Agile Corp.
American Silver Co.
Bram Metallurgical & Chemical Co.
Delta Chemical Works, Inc.
Wilbur B. Driver Co.
Fansteel Metallurgical Corp.
Haynes Stellite Co., Div.-Union Carbide Corp.
Kennametal Inc.
P. R. Mallory & Co. Inc.
Metals & Controls Corp.
F. H. Paul & Stein Brothers, Inc.

#### **TAPES**

Allied Plastics Supply Corp. American Agile Corp.

Anchor Packing Co., The
Auburn Mfg. Co., The
Chart-Pak Inc.
Duracote Corp.
Dwyer Engrg. Co., Inc.
Gatke Corp.
Green, Tweed & Co.
Raybestos-Manhattan, Inc.
Schlegel Mfg. Co.
Silicones Div.-Union Carbide Corp.

#### Ashestos

Allied Plastics Supply Corp.
American Agile Corp.
Anchor Packing Co., The
Atlas Asbestos Co., The
Auburn Mfg. Co., The
Gatke Corp.
General Cable Corp.
Green, Tweed & Co.
Raybestos-Manhattan, Inc.
Union Asbestos & Rubber Co.

### Coated and Impregnated

Allied Plastics Supply Corp.
American Agile Corp.
Arno Adhesive Tapes, Inc.
Auburn Mig. Co., The
William Brand & Co., Inc.
Coast Mig. & Supply Co.
Connecticui Hard Rubber Co., The
Continental Diamond Fibre Corp., Sub.—The Continental Diamond Fibre Corp., S Budd Co.
Duracote Corp.
General Plastics Corp. of New Jersey Green, Tweed & Co.
Johns-Manville Dutch Brand Div.
Narmco Resins & Coatings Co.
Silicones Div.-Union Carbide Corp.
A. T. Stevens Co.
Union Asbestos & Rubber Co.

### Electrical Insulation

Allied Plastics Supply Corp. Allied Plastics Supply Corp.
American Agile Corp.
Anchor Packing Co., The
Atlas Asbestos Co.
Auburn Mfg. Co., The
W. H. Brady Co.
William Brand & Co., Inc.
Connecticut Hard Rubber Co., The
Confinental Diamond Fibre Corp., Sub.—The Continental Diamond Fibre Corp.,
Budd Co.
Crane Packing Co.
Dixon Corp.
Enflic Corp.
General Plastics Corp. of New Jersey
Joclin Mfg. Co.
Johns-Manville Dutch Brand Div.
Mica Fabricating Co.
Okonite Co., The
Raybestos-Manhattan, Inc.
Silicones Div.-Union Carbide Corp.
Surprenant Mfg. Co.
Surprenant Mfg. Co. Surprenant Mfg. Co. \*WESTINGHOUSE ELECTRIC CORP.

#### Fabric

Allied Plastics Supply Corp.
American Agile Corp.
American Cord & Webbing Co., Inc.
Arno Adhesive Tapes, Inc.
Atlas Asbestos Co.
William Brand & Co., Inc.
C. R. Daniels, Inc.
Duracote Corp.
Hastings Plastics Inc.
Johns-Manville Dutch Brand Div.
Schlegel Mig. Co.
A. T. Stevens Co.

Allied Plastics Supply Corp.
American Agile Corp.
Anchor Packing Co., The
Continental Rubber Works
Joclin Mfg. Co.
Johns-Manville Dutch Brand Div.
Okonite Co., The

#### Heat Resistant

Allied Plastics Supply Corp.
American Agile Corp.
American Agile Corp.
American Cord & Webbing Co., Inc.
Arno Adhesive Tapes, Inc.
Auburn Mfg. Co., The
California Aircraft Products
Connecticut Hord Rubber Co.,
The Budd Co.
The Budd Corp.
General Cable Corp.
General Cable Corp.
General Plastics Corp. General Plastics Corp.
Green, Tweed & Co.
Hastings Plastics Inc.
Joclin Mfg. Co.
Johns-Manville Dutch Brand Div.

Sub.—

Narmco Resins & Coatings Co. New England Tape Co. Inc. Silicones Div. Union Carbide Corp. Union Asbestos & Rubber Co.

#### Plastic

Allied Plastics Supply Corp.
Allied Plastics Supply Corp.
American Agile Corp.
Auburn Mig. Co., The
W. H. Brady Co.
William Brand & Co., Inc.
Chart-Pak, Inc.
Continental Diamond Fibre Corp., Sub.—The
Budd Co.
Continental Rubber Co.
Continental Rubber Co.
Crane Packing Co.
Dilectrix Corp.
Dixon Corp.
Dixon Corp.
Dwyer Engrg. Co., Inc.
Enflo Corp. Dwyer Engr Enflo Corp. Dwyer Engrg. Co., Inc.
Enflo Corp.
Fluorocarbon Co. Inc., The
General Plastics Corp. of New Jersey
Hastings Plastics Inc.
Joclin Mfg. Co.
Johns-Manville Dutch Brand Div.
Narmco Resins & Coatings Co.
New England Tape Co. Inc.
Okonite Co., The
Raybestos-Manhattan, Inc.
Rex Corp., The
Roovers-Lotson Corp.
Silicones Div.-Union Carbide Corp.
Sparta Mfg.
Surprenant Mfg. Co.
Zippertubing Co., The

#### Pressure Sensitive

Pressure Sensitive

Allied Plastics Supply Corp.
Anchor Packing Co., The
Arno Adhesive Tapes, Inc.
W. H. Brady Co.
William Brand & Co., Inc.
Chart-Pak, Inc.
Connecticut Hard Rubber Co., The
Continental Diamond Fibre Corp., Sub.—The
Budd Co.
Dilectrix Corp.
Duracote Corp.
Enflo Corp.
General Plastics Corp. of New Jersey
Joclin Mfg. Co.
Johns-Manville Dutch Brand Div.
Master Tape Printers
Naz-Dar Co.
Roovers-Lotson Corp.
Servo Corp. of America
Silicones Div.-Union Carbide Corp.
Sohl Co., The
South Shore Nameplate Inc.
Topflight Corp.
Westline Products Div.-Western Lithograph Co.

#### TEMPERATURE CONTROL **SYSTEMS**

SYSTEMS

Acromag Inc.
Aero Research Instrument Co., Inc.
Airborne Accessories Corp.
American Electronics, Inc., Data-Tronics Div.
American Research & Mig. Corp.
Associated Testing Labs., Inc.
Atlantic Instrument Corp., Sub.—American
Electronics, Inc.
B & H Instrument Corp., Inc.
Bar-Ray Products, Inc.
Barray Products, Inc.
Barray Products, Inc.
CDC Control Services, Inc.
CDC Control Services, Inc.
COC Control Services, Inc.
Cardinal Instrumentation Corp.
Consolidated Controls Corp.
Electronic Control Corp.
Electronic Control Corp.
Electronic Processes Corp. of California
Electronic Processes Corp. of California
Electronic Processes Corp.
Elis & Watts Products, Inc.
Fairfield Engineering Corp.
Fenwal Inc.
Fischer & Porter Co.

\*GARRETT CORP., THE, AIRESEARCH MFG.
DIVS,
General Electric Co., Apparatus Sales Div.
Hagan Chemicals & Controls, Inc.
Illinois Testing Laboratories, Inc.
\*KAHN & CO., INC.
Leeds & Northrup Co.
Marquardt Aircraft Co.
Minneapolis-Honeywell Regulator Co., Aeronautical Div.
Philoadelphia Scientific Glass Co.

Div.
Philadelphia Scientific Glass Co.
Piezo Products Co.
Powers Regulator Co., The
Reeves Instrument Corp.
Resdel Engrg. Corp.
Scientific Instrument Co.
Spencer Thermostat Div. Metals & Controls



Missile designs demand quality and reliability in components to deliver the peak performance essential for the successful completion of their mission. Lavelle's proven experience in the fabrication of missile, jet engine, airframe and electronic components can meet your most exacting standards.

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LAVELLE AIRCRAFT CORPORATION . NEWTOWN, BUCKS COUNTY, PA. Between Philadelphia, Pa., and Trenton, N.J.

T-C Div., Dyna-Empire, Inc.
Talley Corp., The
Telectro Industries Corp.
Thompson Products, Inc.
VINITED AIRCRAFT PRODUCTS, INC.
United Control Corp.
United States Dynamics Corp.
Vap-Air Div.-Vapor Heating Corp.
Victory Engineering Corp.
Wilcolator Co., The

#### **THERMOCOUPLES**

HERMOCOUPLES

Advanced Electronics, Inc.
Aero Research Instrument Co., Inc.
Airtron, Inc.
B G Corp., The
Barker Sales Co.
J. Bishop & Co. Platinum Works
Conax Corp.
Consolidated Controls Corp.
Electric Auto-Lite Co., The
Electronics Dept., Hamilton Standard Div.
United Aircraft Corp.
Fenwal Inc.
General Electric Co., Apparatus Sales Div.
Gray & Huleguard, Inc.
Harco Labs., Inc.
Illinois Testing Laboratories, Inc.
Leeds & Northup Co.
Maico Electronics, Inc.
Minneapolis-Honeywell Regulator Co., Indust.
Div.
Div.
Div.
Phillips Avistion Co. Minneapolis-moneyeou Div. Phillips Aviation Co. Precision Tube Co., Inc. Pyrometer Instrument Co., Inc. Royco Instrument T-C Div., Dyna-Empire, Inc. Wacline, Inc.

#### THRUST MEASURING INSTRU-**MENTS**

MEN 13

Aero Research Instrument Co. Inc.
Allegany Instrument Co., Inc.
American Electronics, Inc., Data-Tronics Div.
Baldwin-Lima-Hamilton Corp., Electronics &
Columbia Research Labs.
Dayfronic Corp.
Dynametrics Corp.
Electronics Dept., Hamilton Standard Div.Electronical Aircraft Corp.
\*GARRET CORP., THE, AIRESEARCH MFG.
DIVS. DIVS.
Hagan Chemicals & Controls, Inc.
Heiland Div.—Minneapolis-Honeywell Regulator Co.

Kollsman Instrument Corp., Sub.—Standard Coil Products Co. Inc.
Leeds & Northrup Co.

Minneapolis-Honeywell Regulator Co., Aeronautical Div.

Minneapolis-Honeywell Regulator Co., Indust. Div. Minneapolis-truny,
Div.
Telectro Industries Corp.
Thieblot Aviation Co., Div.-Vitro Corp. of
America
Ultradyne, Inc.

#### THRUST CHAMBERS

Allied Research & Engrg., Div.-Allied Record Mfg., Co.
Consolidated Controls Corp.
\*COOPER DEVELOPMENT CORP.
\*DIVERSEY ENGRG. CO.
Finn Aeronautical Div., T. R. Finn & Co., Inc.
Hastings Plastics Inc.
Kelsey-Hayes Co.
Parish Pressed Steel, Div.-Dana Corp.
Portland Copper & Tank Works Inc.
Propellex Chemical Corp.
Reaction Motors, Inc.
Ryan Aeronautical Co.
Solar Aircraft Co.
Thieblot Aviation Co., Div.-Vitro Corp. of
America
Thompson Products, Inc.
Warren Mfg. Div.-Warren Brothers Roads Co.
Westholt Mfg. Co.
Wright Aeronautical Div., Curtiss-Wright Corp.

Allied Research & Engrg., Div.-Allied Record

### THORIUM

Metals & Controls Corp. New Process Metals, Inc. Solar Aircraft Co. Twix Mfg. Co., Inc. \*WASHINGTON ALUMINUM CO., INC.

### TUBING

Allied Plastics Supply Corp. Allied Research & Engrg., Div.-Allied Record Mfg. Co.

American Brass Co., American Metal Hose Div.
Babcock & Wilcox Co. Tubular Products Div.
Beaton & Corbin Mfg. Co., The
California Aircraft Products
Carpenter Steel Co., The
Chase Brass & Copper Co., Inc.
Crucible Sieel Co. of America
Delta Chemical Works, Inc.
Empire State Aiuminum Corp.
Engelhard Industries Inc., D. E. Makepeace Div.
Fromson Orban Co., Inc.
Haynes Stellite Co., Div. Union Carbide Corp.
Metal Forming Corp.
Metal & Controls Corp.
Precision Tube Co., Inc.
Raybestos-Manhattan, Inc.
Republic Steel Corp.
Revere Copper & Brass Inc.
Rubbercraft Corp. of California
Ryan Aeronautical Co.
STAINLESS PROCESSING DIV., WALL COLMONY
CORP.
Stainless Steel Products, Inc.
Sievens Products, Inc.
Sievens Products, Inc.
Synthane Corp.
Tube Reducing Corp.
Uniform Tubes, Inc.
Wallingford Steel Co.
\*WASHINGTON ALUMINUM CO., INC.
\*R. D. WERNER CO. INC.
Woolf Aircraft Products, Inc.
Zippertubing Co., The

#### Aluminum

Aluminum Co. of America
American Brass Co. The
\*AMERICAN TUBE BENDING CO., INC.
Bridgeport Brass Co.
Delta Chemical Works, Inc.
Empire State Aluminum Corp.
Engelhard Industries Inc., D. E. Makepeace Div.
Flexaust Co., The
Fromson Orban Co., Inc.
Harvey Aluminum & Chemical Sales, Inc.
La Pointe Industries Inc., D.
La Pointe Industries Inc.
National-Standard Co.
Precision Tube Co., Inc.
Revere Copper & Brass Inc.
Roll Formed Products Co.
Joseph T. Ryerson & Son, Inc.
South River Metal Products Co., Inc.
Standard Metals Corp.
Uniform Tubes, Inc.
WASHINGTON ALUMINUM CO.
R. D. WERNER Uniform Tubes, Inc.

\*WASHINGTON ALUMINUM CO., INC.

\*R. D. WERNER CO. INC.

Zippertubing Co., The

#### Asbestos

ASbestos

Allied Plastics Supply Corp.
Allas Asbestos Co.
Auburn Mfg. Co., The
Continental Diamond Fibre Corp., Sub.—The
Budd Co.
Delta Chemical Works, Inc.
Flexaust Co., The
General Plastics Corp. of New Jersey
National-Standard Co.
Paramount Paper Tube Corp.
Raybestos-Manhattan, Inc.
Union Asbestos & Rubber Co.
Zippertubing Co., The

## Brass or Copper

Brass or Copper
Allied Research & Engrg., Div.-Allied Record
Mfg. Co.
American Brass Co. The
\*\*AMERICAN TUBE BENDING CO., INC.
Ampto Metal, Inc.
Anchor Coupling Co. Inc.
Bram Metallurgical & Chemical Co.
Bridgeport Brass Co.
Chase Brass & Copper Co., Inc.
Delta Chemical Works, Inc.
Engelhard Industries Inc., D. E. Makepeace Div.
Fromson Orban Co., Inc.
National Copper & Smetting Co.
National-Standard Co.
Precision Tube Co., Inc.
Revere Copper & Brass Inc.
Roll Formed Products Co.
Standard Metals Corp.
Uniform Tubes, Inc.

#### Capillary

Allied Plastics Supply Corp.
Allied Research & Engrg., Div.-Allied Record
Mfg. Co.
American Brass Co., The
J. Bishop & Co. Platinum Works
Bridgeport Brass Co.
Delta Chemical Works, Inc.
Fromson Orban Co., Inc.
National-Standard Co.
Precision Tube Co., Inc.
Service Steel
Superior Tube Co., Uniform Tubes, Inc.

American Lava Corp.
Atlas Asbestos Co.
Corning Glass Works
Diamonite Products Mfg. Co.
Electric Auto-Lite Co., The
Electrical Refractories Co., The
Eric Resistor Corp.
Flexaust Co., The
Isolantite Mfg. Corp.
Maryland Lava Co.
Mica Fabricating Co.
Morganite, Inc. Mica Fabricating Co.
Morganite, Inc.
Chester Morton Electronics Corp.
National-Standard Co.
Norton Co.
Resdel Corp.
Saxonburg Ceramics
D. M. Steward Mig. Co.
Thermo Marerials, Inc.
Western Gold & Platinum

#### Fibre

Allied Plastics Supply Corp.
Alpha Wire Corp.
Auburn Mig. Co., The
Continental Diamond Fibre Corp., Sub.—The
Budd Co.
Emerson Plastics Corp.
Franklin Fibre-Lamitex Corp.
National-Standard Co.
Paramount Paper Tube Corp.
Penn Fibre & Specialty Co., Inc.
Rogers Corp. Rogers Corp. Spaulding Fibre Co., Inc.

#### Finned

Engelhard Industries Inc., D. E. Makepeace Div. Griscom-Russell Co., The National-Standard Co., Revere Copper & Brass Inc. Veet Industries

#### Flexible Metal

Flexible Metal
Allied Plastics Supply Corp.
American Brass Co., The
American Brass Co., The
American Brass Co., American Metal Hose Div.
Arrowhead Products, Div.—Federal-Mogul-Bower
Bearings, Inc.
Avica Corp.
Avica Corp.
D K Mg. Co., The
Co-Operative Industries, Inc.
D K Mg. Co.
Delta Chemical Works, Inc.
Flexaust Co., The
Flexible Metal Hose Mfg. Co.
Flexanic Corp.
General Cable Corp.
Hallett Mg. Co.
Johnson Metal Hose, Inc.
National-Standard Co.
Stainless Steel Products, Inc.
Titleflex, Inc.
Tube Distributors Co., Inc.
Zippertubing Co., The

#### Fused Quartz

Bram Metallurgical & Chemical Co. Delta Chemical Works, Inc. Hammett Electric Co. National-Standard Co. Thermal American Fused Quartz Co., Inc.

#### Glass Fibre Insulation

Allied Plastics Supply Corp.
Alpha Wire Corp.
American Rocket Co.
American Super Temperature Wires Inc.
Arrowhead Products, Div.—Federal-Mogul-Bower
Bearings, Inc.
Altas Asbestos Co.
B. & C. Insulation Products, Inc.
Birnbach Radio Co., Inc.
Calfibe Co., Inc.
Continental Diamond Fibre Corp., Sub.—The
Budd Co.
Emerson Plastics Corp.
Flexaust Co., The
Franklin Fibre-Lamitex Corp.
General Plastics Corp. of New Jersey
Goodyear Aircraft Corp.
Hastings Plastics Inc.
Lamtex Industries, Inc.
Lamtex Industries, Inc.
National-Standard Co.
Silicone Insulation, Inc.
Stevens Products, Inc. Allied Plastics Supply Corp. Silicone Insulation, Inc.
Stevens Products, Inc.
Synthane Corp.
Union Asbestos & Rubber Co.
Varflex Corp.

### Glass, Precision

Buhl Optical Co. Corning Glass Works Delta Chemical Works, Inc. National-Standard Co. Pacific Universal Products Corp.

Philadelphia Scientific Glass Co. Solar Aircraft Co.

Metal and Alloy

Metal and Alloy

All Boro Metal Products Co., Inc.
Allied Research & Engrg., Div.-Allied Record
Mfg. Co., The Selection of Metal Products Div.
Babcock & Wilcox Co., Tubular Products Div.
Beaton & Corbin Mfg. Co., The
J. Bishop & Co., Platinum Works
Bram Metallurgical & Chemical Co.
California Aircraft Products
Crucible Steel Co. of America
Delta Chemical Works, Inc.,
Dow Chemical Co., The
Engelhard Industries Inc., D. E. Makepeace Div.
Haynes Stellite Co., Div.-Union Carbide Corp.
Leach & Genner Co., Industrial Div.
Metal Forming Corp.
Metal Forming Corp.
National-Standard Co.
Ohio Seamless Tube Div.-Copperweld Steel Co.
Precision Tube Co., Inc.
Revere Copper & Brass Inc.
Rayan Aeronautical Co.
Superior Tube Co.,
Timken Roller Bearing Corp.
Tube Methods Inc.
Tube Methods Inc.
Tube Reducing Corp.
Veet Industries
Wallingiord Steel Co.

Metal Hose, Flexible

## Metal Hose, Flexible

Metal Hose, Flexible

Allied Plastics Supply Corp.

American Brass Co., The
American Brass Co., American Metal Hose Div.

Arrowhead Products, Div.—Federal-Mogul-Bower
Bearings, Inc.

Beaton & Corbin Mfg. Co., The
Co-Operative Industries, Inc.

D K Mfg. Co.

Pederal Metal Hose Corp.

Flexaust Co., The
Flexible Metal Hose Mfg. Co.

Hallett Mfg. Co.

National-Standard Co.

Servicair Co.

Stainless Steel Products, Inc.

Titeflex, Inc.

#### Mica

Allied Plastics Supply Corp.
Bram Metallurgical & Chemical Co.
William Brand & Co., Inc.
Continental Diamond Fibre Corp., Sub.—The
Budd Co.
Delta Chemical Works, Inc.
Magnetic Shield Div.-Perfection Mica Co.
National-Standard Co.

Molybdenum

Bram Metallurgical & Chemical Co.
Bridgeport Brass Co.
Delta Chemical Works, Inc.
Eisler Engro. Co., Inc.
Fanstell Metallurgical Corp.
Micro-Wire Tungsten & Molybdenum Products
National-Standard Co.
Ryan Aeronautical Co.
Service Steel
Tube Distributors Co., Inc.

#### Monel

Monel

\*AMERICAN TUBE BENDING CO., INC.
J. Bishop & Co., Platinum Works
Bram Metallurgical & Chemical Co.
Delta Chemical Works, Inc.
Metal Forming Corp.
National-Standard Co.,
Precision Tube Co., Inc.
Ryan Aeronautical Co.
Superior Tube Co.,
Tube Distributors Co. Inc.
Tube Reducing Corp.
Uniform Tubes, Inc.
Veet Industries

#### Nickel

Allied Research & Engrg., Div.-Allied Mfg. Co.

\*AMERICAN TUBE BENDING CO., INC.
J. Bishop & Co. Platinum Works
Bram Metallurgical & Chemical Co.
Delta Chemical Works, Inc.
Metal Forming Corp.
National-Standard Co.
Precision Tube Co., Inc.
Superior Tube Co., Inc.
Tube Reducing Corp.
Uniform Tubes, Inc. Allied Research & Engrg., Div.-Allied Record

### Paper

Allied Plastics Supply Corp. American Rocket Co. Franklin Fibre-Lamitex Corp. National-Standard Co.

Paramount Paper Tube Corp. Rogers Corp. Synthane Corp.

#### Phenolic

Phenolic

Allied Plastics Supply Corp.
American Rocket Co.
Auburn Mig. Co., The
Continental Diamond Fibre Corp., Sub.—The
Budd Corp.
Ellay Corp.
Ellay Corp.
Ellay Corp.
Emerson Plastics Corp.
Hammett Electric Co.
Hastings Plastics Inc.
Illumitronic Engrg. Co.,
Eng. Rogers Corp.
St. Regis Paper Co.
Silicone Insulation, Inc.
Spaulding Fibre Co., Inc.
Synthane Corp.
\*WESTINGHOUSE ELECTRIC CORP.
Westlake Plastics, CrystalX Corp.

#### Plastic

American Aerophysics Corp. Joclin Mfg. Co.

#### Precious Metal

Allied Research & Engrg., Div.-Allied Record Mfg. Co.
Anchor Metal Co. Inc.
J. Bishop & Co. Platinum Works
Bram Metallurgical & Chemical Co.
Delta Chemical Works, Inc.
Eastern Smelling & Refining Corp.
Engelhard Industries Inc., D. E. Makepeace
Div. 

#### Seamless

Seamless

All Boro Metal Products Co., Inc.
American Brass Co., The
\*AMERICAN TUBE BENDING CO., INC.
Anchor Coupling Co. Inc.
Babcock & Wilcox Co. Tubular Products Div.
J. Bishop & Co. Platinum Works
Bram Metallurgical & Chemical Co.
Bridgeport Brass Co.
Delta Chemical Works, Inc.
Electric Steel Foundry Co.
Engelhard Industries Inc., D. E. Makepeace
Div.
Fromson Orban Co., Inc.
Metals & Controls Corp.
National-Standard Co.
Ohio Seamless Tube Div.-Copperweld Steel Co.
Precision Tube Co., Inc.
Republic Steel Corp.
Joseph T. Ryerson & Son, Inc.
Service Steel
Superior Tube Co.,
Timken Roller Bearing Co., The
Tube Distributors Co., Inc.
Tube Reducing Corp.
Uniform Tubes, Inc.
United States Steel Corp.
Varilex Corp.

Allied Research & Engrg., Div.-Allied Record Mfg. Co.
Bram Metallurgical & Chemical Co.
Cohan Epner Co. Inc.
Delta Chemical Works, Inc.
Eastern Smelling & Refining Corp.
Engelhard Industries Inc., D. E. Makepeace Div.
Handy & Harman
Leach & Garner Co., Industrial Div.
Metals & Controls Corp.
National-Standard Co.
Solar Aircraft Co.
Standard Metals Corp.
Tricon Mfg. Co.
Uniform Tubes, Inc.

\*AMERICAN TUBE BENDING CO., INC.
Armco Steel Corp.
Babcock & Wilcox Co. Tubular Products Div.
J. Bishop & Co. Platinum Works
California Aircraft Products
Crucible Steel Co. of America
Delta Chemical Works, Inc.
Electric Steel Foundry Co.
Engelhard Industries Inc., D. E. Makepeace Div.
Fromson Orban Co., Inc.
General Cable Corp.
National-Standard Co.
Ohio Seamless Tube Div.-Copperweld Steel Co.
Precision Tube Co., Inc.
Republic Steel Corp.

Ryan Aeronautical Co.
Joseph T. Ryerson & Son, Inc.
Service Steel
Solar Aircraft Co.
Superior Tube Co.
Timken Roller Bearing Co., The
Tube Distributors Co., Inc.
Tube Reducing Corp.
Uniform Tubes, Inc.
United States Steel Corp.

#### Steel, Stainless

Steel, Stainless

All Boro Metal Products Co., Inc.
\*\*AMERICAN TUBE BENDING CO., INC.
Babcock & Wilcox Co. Tubular Products Div.
Beaton & Corbin Mfg. Co., The
J. Bishop & Co. Pletinum Works
Bram Metallurgical & Chemical Co.
Bridgeport Brass Co.
California Aircraft Products
Carpenter Steel Co., The
Carpenter Steel Co., The, Alloy Tube Div.
Chase Brass & Copper Co., Inc.
Crucible Steel Co. of America
Delta Chemical Works, Inc.
Electric Steel Foundry Co.
Engelhard Industries Inc., D. E. Makepeace Div.
Flexonics Corp.
Fromson Orban Co., Inc.
Metal Forming Corp.
National-Standard Co.
Precision Tube Co., Inc.
Republic Steel Corp.
Ryan Aeronautical Co.
Joseph T. Ryerson & Son, Inc.
Superior Tube Co.
Timken Roller Bearing Co., The
Tube Distributors Co., Inc.
Tube Methods Inc.
Tube Reducing Corp.
Uniform Tubes, Inc.
United States Steel Corp.
Veet Industries
Wallingford Steel Co.

Tantalum

Bram Metallurgical & Chemical Co. Delta Chemical Works, Inc. Fansteel Metallurgical Corp. Metals & Controls Corp. National-Standard Co. F. H. Paul & Stein Brothers, Inc. Solar Aircraft Co.

#### Titanium

Itanium

Babcock & Wilcox Co. Tubular Products Div.
Bram Metallurgical & Chemical Co.
Bridgeport Brass Co.
Carpenter Steel Co., The, Alloy Tube Div.
Crucible Steel Co. of America
Delta Chemical Works, Inc.
Eisler Engrg. Co., Inc.
Flexonics Corp.
Harvey Aluminum
Metals & Controls Corp.
Ryan Aeronautical Co.
Superior Tube Co.
Tube Distributors Co., Inc.
Tube Reducing Corp.
Wallingford Steel Co.

## Tungsten

Bram Metallurgical & Chemical Co. Delta Chemical Works, Inc. Fansteel Metallurgical Corp. Micro-Wire Tungsten & Molybdenum Products

## Varnished or Lacquered

Allied Plastics Supply Corp.
Alpha Wire Corp.
B. & C. Insulation Products, Inc.
Birnbach Radio Co., Inc.
William Brand & Co., Inc.
Paramount Paper Tube Corp.
Varflex Corp.

#### Varnished Cambric Insulation

Allied Plastics Supply Corp.
Alpha Wire Corp.
B. & C. Insulation Products, Inc.
William Brand & Co., Inc.
Continental Diamond Fibre Corp., Sub.-The Budd Co. Varflex Corp.

#### Woven or Knitted Wire

Alpha Wire Corp. Cambridge Wire Cloth Co., The General Cable Corp. Newark Wire Cloth Co.

#### TUBULAR FABRICATIONS & ASSEMBLIES

ACF Industries, Inc., Advanced Products Div.

Advanced Electronics, Inc.
Ainslie Corp.
American Brass Co., American Metal Hose Div.
\*\*AMERICAN TUBE BENDING CO., INC.
American Welding & Mfg. Co., The
Beaton & Corbin Mfg. Co., The
D K Mfg. Co.
Emerson Plastics Corp.
Ludwig Honold Mfg. Co.
Kaiser Aircraft & Electronics Div.-Kaiser Industries Corp.
Kelsey-Hayes Co.
La Pointe Industries Inc.
\*\*LAYELLE AIRCRAFT CORP.
Luria Engrg. Co.

\*LAVELLE AIRCRAFT CORP.

Luria Engra, Co.
Parish Pressed Steel, Div. Dana Corp.
Peerless Products Industries
Penn-Michigan Mfg. Corp.
Precision Tube Co., Inc.
Resdel Corp.
Resistoflex Corp.
Titeflex, Inc.
Tube Reducing Corp.
\*\*WINITED AIRCRAFT PRODUCTS, INC.
United Mfg. Co., The
Universal Machine Co., Inc.
Warren Mfg. Div.-Warren Brothers Roads Co.

#### TUNGSTEN

Belmont Smelting & Refining Works, Inc.
Bram Metallurgical & Chemical Co.
Delta Chemical Works, Inc.
Eisler Engrg. Co., Inc.
Eisler Engrg. Co., Inc.
Eimet Div-North American Philips Co., Inc.
Fansteel Metallurgical Corp.
Hammett Electric Co.
Solar Aircraft Co.

### TURBINE ASSEMBLIES

Air Products, Inc.
\*AMERICAN MACHINE & FOUNDRY CO.
Bridgwater Machine Co.
Eaton Mrg. Co., Inc., Fredric Flader Div.
Guided Missile Div. De Havilland Aircraft of

Eaton Mfg. Co., Inc., Fredric Flader Div.
Guided Missile Div.-De Havilland Aircraft of
Canada, Ltd.
Houston Fearless Corp.
Kelsey-Hayes Co.
\*LYCOMING DIV., AVCO MFG. CORP.
Ryan Aeronautical Co.,
Stratos, Div.-Fairchild Engine & Airplane Corp.
Sundstrand Turbo Div., Sundstrand Machine Tool
Co. Sundarfand full of Div., Sundarfand Middle Co.

Talley Corp., The Thompson Products, Inc.
Turbo Products, Inc.
Varo Mfg. Co.
\*WESTINGHOUSE ELECTRIC CORP.
Wright Aeronautical Div., Curtiss-Wright Corp.

#### TURBINE SHAFTS

Air Products, Inc.
Bridgwater Machine Co.
Christie Machine Works
Eaton Mig. Co., Inc., Fredric Flader Div.
Ex-Cell-O Corp.
Federal Machine Co. Inc.
Guided Missile Div.-De Havilland Aircraft of
Canda, Ltd.
Herlo Engrg. Corp.
Houston Fearless Corp.
Kelsey-Hayes Co.
Kemp Inc.

\*LYCOMING DIV., AYCO MFG. CORP.

Stratos, Div.-Fairchild Engine & Airplane Corp.

Sundstrand Turbo Div., Sundstrand Machine Tool Co. Talley Corp., The Thompson Products, Inc.

\*WESTINGHOUSE ELECTRIC CORP.
Wright Aeronautical Div., Curtiss-Wright Corp.

#### TURBINE WHEELS

Air Products, Inc. \*AMERICAN MACHINE & FOUNDRY CO. AMERICAN MACHINE & FOUNDRY CO.

Morris Bean & Co.

Bridgwater Machine Co.

Christie Machine Works
Eaton Mfg. Co., Inc., Fredric Flader Div.

Ex-Cell-O Corp.

Federal Machine Co. Inc.

Guided Missile Div.-De Havilland Aircraft of
Canada, ttd.

Haynes Stellite Co., Div.-Union Carbide Corp.

Herlo Engrq. Corp.

Houston Fearless Corp.

Kelsey-Hayes Co.

Kennametal Inc.

BYCOMING DIV. AVCO MEG. CORP.

\*LYCOMING DIV., AYCO MFG. CORP. Merz Engrg., Inc. Misco Precision Casting Co. Steel Improvement & Forge Co., The

Corp. Sundstrand Turbo Div., Sundstrand Machine Tool Sulfustration full of the control of

Stratos, Div.-Fairchild Engine & Airplane

#### TURBINES, AIR

Air Products, Inc. Earlon Mfg. Co., Inc., Fredric Flader Div. \*GARRETT CORP., THE, AIRESEARCH MFG. DIVS. Guided Missile Div.-De Havilland Aircraft of Canada, Ltd. Canada, Ltd.
Kelsey-Hayes Co.
Marquardt Aircraft Co.
Misco Precision Casting Co.
Stratos, Div.-Fairchild Engine & Airplane Corp.
Turbo Products, Inc.
Warren Mfg. Div.-Warren Brothers Roads Co.

#### TURBO FANS

Morris Bean & Co. Eaton Mfg. Co., Inc., Fredric Flader Div. \*GARRETT CORP., THE AIRESEARCH MFG. DIVS. Kelsey-Hayes Co. Wright Aeronautical Div., Curtiss-Wright Corp.

#### TURBO JET ENGINES

American Welding & Mfg. Co., The Eaton Mfg. Co., Inc., Fredric Flader Div. \*WESTING-HOUSE ELECTRIC CORP. Wright Aeronautical Div., Curtiss-Wright Corp.

#### TURBO PUMPS

Morris Bean & Co.
Marquardt Aircraft Co.
Marquardt Aircraft Co.
Reaction Motors, Inc.
Stratos, Div.-Fairchild Engine & Airplane Corp.
Thompson Products, Inc.
Turbo Dynamics Corp.
Wright Aeronautical Div., Curtiss-Wright Corp.

#### URANIUM

Delta Chemical Works, Inc. Metals & Controls Corp.

#### VACUUM PUMPS

ARO Equipment Corp., The Consolidated Electrodynamics Corp. Consolidated Electrodynamics Corp., Rochester

Div. \*CORNELIUS CO. THE \*EASTERN INDUSTRIES, INC.
Eisler Engrg. Co., Inc.
Green Rectifier Co.
High Vacuum Equipment Corp.
International Pump & Machine Works
Gerard G. Leeds Co., Inc.
Leiman Brothers, Inc.,
NRC Equipment Corp.
National Research Corp.
Pesco Products Div.—Borg-Warner Corp.
Schutte & Koerting Co.

#### **VACUUM SYSTEMS & CONTROLS**

CDC Control Services, Inc.
Consolidated Controls Corp.
Consolidated Electrodynamics Corp.
Consolidated Electrodynamics Corp., Rochester
Div. Devco E \*GARRETT

Engrg. Inc. IT CORP., THE, AIRESEARCH MFG.

Bevoo Engrg, Inc.
FGARRETT CORP., THE, AIRESEARCH MFG
DIVS.
Green Rectifier Co.
High: Vacuum Equipment Corp.
International Pump & Machine Works
Herrick L. Johnston, Inc.
Gerard G. Leeds Co., Inc.
NRC Equipment Corp.
National Research Corp.
Process & Instruments
Research Appliance Co.
\*RYAN INDUSTRIES
Tactair Valve Div.-Aircraft Products Co.
United States Dynamics Corp.
Vacuum Research Co.
Vacuum Tube Products Co. Inc.
Warren Mfg. Div.-Warren Brothers Roads Co.
Weston Hydraulics, Ltd.

#### **VACUUM UNITS**

Consolidated Electrodynamics Corp.
Consolidated Electrodynamics Corp., Rochester
Div. Div. Green Rectifier Co. High Vacuum Equipment Corp. International Pump & Machine Works

Herrick L Johnston, Inc.
Gerard G. Leeds Co., Inc.
NRC Equipment Corp.
National Research Corp.
Process & Instruments
Research Appliance Co.
United States Dynamics Corp.
Vacuum Research Co.
Vacuum Research Co.
Warren Mfg. Div.-Warren Brothers Roads Co.

#### VALVE GUIDES

Christie Machine Works Clary Dynamics Kemp Inc.

#### VALVE OPERATOR

CDC Control Services, Inc. Clary Dynamics Hydra-Power Corp. Hydra-Power Corp.
Hydromatics, Inc.
Jamesbury Corp.
Philadelphia Gear Works, Inc.
Research Controls
Uniflow Valve Corp.
Vickery Co., The

#### VALVES

VALVES

Accessory Products Co., Div.-Textron Inc., Aero Supply Mfg. Co., Inc., Aero Supply Mfg. Co., Inc., Aeronaufical & Instrument Div., Robertshaw-Fulton Controls Co., Airborne Research & Development Corp., Alar Products, Inc., ASSOCIATED AIR MACHINE & FOUNDRY CO. Arkwin Industries, Inc., Associated Valve Co., Autonatic Switch Co., Autonatic Switch Co., Carleton Aviation Co., Inc., Carleton Aviation Co., Christie Machine Works Clary Dynamics Collins Engrg. Corp., Consolidated Controls Corp.

\*CORNELIUS CO., THE Dumont Aircraft Fitting Co., Electronics Dept., Hamilton Standard Div., United Aircraft Corp., Engelberg Huller Co., Inc., Futurecraft Corp., G. W. Galloway Co., \*GARRETT CORP., THE, AIRESEARCH MFG. DIVS.

B. H. Hadley, Inc.

Garrett Core, The AIRESEARCH MFG.
DIVS.
B. H. Hadley, Inc.
Hammel-Dahl, Div.-General Controls
Hoof Products Co.
Jamesbury Carp.
JANITROL AIRCRAFT DIV.-SURFACE COMBUSTION CRP.
Kemp Aero Products, Div.-Kemp Inc.
Ladish Co.
La Pointe Industries Inc.
Lapp Insulator Co., Inc., Radio Specialties Div.
Lear, Inc.
Mar Vista Engry. Co.
Marotta Valve Corp.
Jas. P. Marsh Corp.
National Airoll Burner Co.
Pacific Div.-Bendix Aviation Corp.
Parker Aircraft Co.
Pioneer-Gentral Div., Bendix Aviation Corp.
Progressive Research & Development Co., Inc.
Research Controls
Rivett Lathe & Grinder Inc.
Robbins Aviation, Inc.
Robcha Aviation, Inc.
Rocketdyne Div., Worth American Aviation, Inc.
Milton Roy Co.
Sealol Corp.
Sundstrand Turbo Div., Sundstrand Machine Tool
Co.
Lapper Air Products Corp.

Sundstrand Turbo Div., Sundstrand Machine 1001 Co.
Tapered Air Products Corp.
Uniflow Valve Corp.
\*\*VALCOR ENGRG. CORP.
Vickers Inc., Div.-Sperry Rand
Vickery Co., The
Waldorf Instrument Co., Div.-F. C. Huyck & Walder Sons Sons Whittaker Controls, Div.Telecomputing Corp. Whittaker Gyro, Div.Telecomputing Corp.

#### Acid

Accessory Products Co., Div.-Textron Inc.
Aero Supply Mfg. Co., Inc.
Airborne Research & Development Corp.
Arkwin Industries, Inc.
Carleton Aviation Co., Inc.
Clary Dynamics
Dumont Aircraft Fitting Co.
Engelberg Huller Co., Inc.
Futurecraft Corp.
G. W. Galloway Co.
General Controls Co.
Hammel-Dahl, Div.-General Controls
Hills-McCanna Co.
Hydromatics, Inc.
James, Pond & Clark, Inc.
Kemp Aero Products, Div.-Kemp Inc.

Lapp Insulator Co., Inc., Radio Specialties Div. Lapp Insulator Co., Inc., Kadio Specialities Div.
Lear, Inc.
Mar Vista Engr. Co.
Marotta Valve Corp.
Pneu-Hydro Valve Corp.
Progressive Research & Development Co., Inc.
\*REPUBLIC MFG. CO.
Research Controls
Milton Roy Co.
Sundstrand Turbo Div., Sundstrand Machine Tool
Co.

Co.
Thompson Products, Inc.
\*YALCOR ENGRG, CORP.
Vickery Co., The
Vinson Mfg. Co. Inc.
Waldorf Instrument Co., Div.-F. C. Huyck &

Sons Whittaker Controls, Div.-Telecomputing Corp. Whittaker Gyro, Div.-Telecomputing Corp.

## Acid Resistant

Acid Resistant

Accessory Products Co., Div.-Textron Inc.
Aero Supply Mfg. Co., Inc.
Airborne Research & Delevopment Corp.
Arkwin Industries, Inc.
Associated Valve Co.
Automatic Switch Co.
Carleton Aviation Co., Inc.
Chandler-Evans, Div.-Pratt & Whitney Co., Inc.
Clary Dynamics
Dumont Aircraft Fitting Co.
Engelberg Huller Co., Inc.
Fischer & Porter Co.
Fischer & Porter Co.
Futurecraft Corp.
G. W. Galloway Co.
General Controls Co.
Hammel-Dahl, Div.-General Controls
Hills-McCanna Co. General Controls Co.
Hammel-Dahl, Div.-General Controls
Hills-McCanna Co.
Hoke Inc.
Hydromatics, Inc.
James Pond & Clark, Inc.
James Pond & Clark, Inc.
Jamesbury Corp.
Kemp Aero Products, Div.-Kemp Inc.
Kohler Co.
La Pointe Industries Inc.
Lapp Insulator Co., Inc., Radio Specialties Div.
Marotta Valve Corp.
Minneopolis-Honeywell Regulator Co., Indust.
Div.
Parker Aircraft Co.
Paeu-Hydro Valve Corp.
Progressive Research & Development Co., Inc.
REPUBLIC MFG. CO.
Research Controls
Milton Roy Co.
Saylor Electric Products Corp.
Sealol Corp.
Tapered Air Products, Inc.
Uniflow Valve Corp.
Uniflow Valve Corp.
VINITED AIRCRAFT PRODUCTS, INC.
VALCOR ENGRG. CORP.
Vickery Co., The
Vinson Mfg. Co. Inc.
Waldorf Instrument Co., Div.-F. C. Huyck &
Sons
Whittaker Controls, Div.-Telecomputing Corp.
Whittaker Gyro, Div.-Telecomputing Corp.

#### Afterburner

Afterburner

Aero Supply Mfg. Co., Inc.
Allen Aircraft Products, Inc.
American Power Jet Co.
Arkwin Industries, Inc.
CDC Control Services, Inc.
Carleton Aviation Co., Inc.
Chandler-Evans, Div.-Pratt & Whitney Co., Inc.
Clary Dynamics
Consolidated Controls Corp.
Dumont Aircraft Fitting Corp.
Ex-Cell-O Corp.
General Controls Co.
Hammel-Dahl, Div.-General Controls
Walter J. Hyatt Co., The
Hydromatics, Inc.
Kemp Aero Products, Div.-Kemp Inc.
Kohler Co.
Mar Vista Engrg. Co.
Mareury Rad Corp.
Parker Aircraft Co.
Pheu-Hydro Valve Corp.
A. U. Stone & Co., Inc.
Thompson Products, Inc.
\*VACOR ENGRG. CORP.
Waldorf Instrument Co., Div.-F. C. Huyck &
Sons
Weston Hydraulics, Ltd.

Accessory Products Co., Div.-Textron Inc.
Aero Supply Mfg. Co., Inc.
Aeronautical & Instrument Div., RobertshawFulfon Controls Co.
Airborne Research & Development Corp.
Alco Valve Co.
Allen Aircraft Products, Inc.
Atlair Inc.
Arkwin Industries, Inc.

Weston Hydraulics, Ltd. Whittaker Controls, Div.-Telecomputing Corp. Whittaker Gyro, Div.-Telecomputing Corp.

Aro Equipment Corp., The Automatic Switch Co. Barber-Colman Co. Barber-Colman Co. Barkedale Valves Bridgeport Brass Co. A. W. Cash Co. Clary Dynamics Corp. Consolidated Controls Corp. \*\*CORNELIUS CO., THE Dumont Aircraft Fifting Co. \*\*ELECTROL INC. Engfelberg Huller Co., Inc. Fischer & Porter Co., Futurecraft Corp. \*\*FARRETT CORP., THE, AIRESEARCH MFG. DIVS. General Controls Co. Hummel-Dahl, Div.-General Controls Hoke Inc. Walter J. Hyaft Co., The Imperial Brass Mfg. Co., The Jamesbury Corp. \*\*JANITROL AIRCRAFT DIV.-SURFACE COMBUSTION CORP.

\*\*JANITROL AIRCRAFT DIV.-SURFACE COMBUSTION CORP.

\*\*WALLAGE CO., Inc., Aviation Div.\*\*

\*\*KOONTZ-WAGNER ELECTRIC CO., INC. La Pointe Industries Inc. Lear, Inc. \*\*WALLAGE O. LEONARD, INC.

\*ROUNIZ-WAGNER ELECTRIC CO., INC.
La Pointe Industries Inc.
Lear, Inc.
\*WALLACE O. LEONARD, INC.
Lyndon Aircraft, Inc.
M. C. M'G. Co.
Marotta Valve Corp.
Mechanical Air Controls, Inc.
Mercury Rad Corp.
Minneapolis-Honeywell Regulator Co., Indust.
Div.
J. J. Monaghan Co., Inc.
National Aircril Burner Co.
Parker Aircraft Co.
Parker Aircraft Co.
Progressive Research & Development Co., Inc.
\*REPUBLIC MFG. CO.
Research Controls
Rivett Lathe & Grinder Inc.
Robbins Aviation, Inc.
Sealol Corp.
A. U. Stone & Co., Inc.
Stratos, Div.Fairchild Engine & Airplane Corp.
Tactair Valve Div. Aircraft Products Co.
Talley Corp., The
Universal Dynamics Corp.
\*VALCOR ENGRG, CORP.
Vap-Air Div. Vapor Heating Corp.
Vickery Co., The
Vinson Mfg. Co. Inc.
Waldoff Instrument Co., Div.F. C. Huyck &
Sons
Weston Hydraulics, Ltd. Waldorf Instrument Sons
Sons
Weston Hydraulics, Ltd.
Whittaker Controls, Div.-Telecomputing Corp.
Whittaker Gyro, Div.-Telecomputing Corp.

### Anti-Gravity

Anti-Gravity

Accessory Products Co., Div.-Textron Inc.
Aero Supply Mrg. Co., Inc.
Aerotec Corp., The
Airborne Research & Development Corp.
Alar Products, Inc.
Arkwin Industries, Inc.
ARO Equipment Corp., The
Clary Dynamics
\*\*CORNELIUS CO., THE
General Controls Co.
Hammel-Dahl, Div.-General Controls
\*\*HOUDAILLE INDUSTRIES, INC.,
HYDRAULICS DIV.
Walter J. Hyatt Co., The
Parker Aircraft Co.
Pneu-Hydro Valve Corp.
Vinson Mrg. Co. Inc.
Whittaker Controls, Div.-Telecomputing Corp.
Whittaker Gyro, Div.-Telecomputing Corp. BUFFALO

#### Automatic Shutoff-Hydraulic

Aero Supply Mfg. Co., Inc. Aeronautical & Instrument Div., Robertshaw-Fulton Controls Co. Fullon Controls Co.
Altair Inc.
Annin Corp., The
Arkwin Industries, Inc.
Automatic Switch Co.
Bendix Products Div., Bendix Aviation Corp.
CDC Control Services, Inc.
Carleton Aviation Co., Inc.
A. W. Cash Co.
Clary Dynamics
Dumont Aircraff Fitting Co.
Electronics Dept., Hamilton Standard Div.,
United Aircraft Corp.
Fischer & Porter Co.
Fister & Porter Co.
Futurecraft Corp.
\*GARRETT CORP., THE, AIRESEARCH MFG.
DIVS. \*GARRETT CORP., THE, AIRESEARCH NOIVS.
\*\*GARER HYDRAULICS, INC.
B. H. Hadley, Inc.
Hammel-Dahl, Div.-General Controls
Walter J. Hyatt Co., The
Hydra-Power Corp.
Hydromatics, Inc.
Jamesbury Corp.
Kemp Aero Products, Div.-Kemp Inc.
Kohler Co.
\*\*KOONTZ-WAGNER ELECTRIC CO., INC.
La Pointe Industries Inc.
\*\*WALLACE O. LEONARD, INC.

Marotta Valve Corp.
Mercury Rad Corp.
Ozone Metal Products Corp.
Parker Aircraft Co.
Progressive Research & Development Co., Inc.
\*REPUBLIC MFG. CO.
A. U. Stone & Co., Inc.
Tactair Valve Div.-Aircraft Products Co.
Thompson Products, Inc.
\*UNITED AIRCRAFT PRODUCTS, INC.
\*VALCOR ENGRG. CORP.
Vickers Inc., Div.-Sperry Rand
Vinson Mfg. Co. Inc.
Waldorf Instrument Co., Div.-F. C. Huyck &
Sons Weston Hydraulics, Ltd. Whittaker Controls, Div.-Telecomputing Corp. Whittaker Gyro, Div.-Telecomputing Corp.

## Autopilot Control

Arkwin Industries, Inc.
CDC Control Services, Inc.
Cadillac Gage Co.
Electronics Dept., Hamilton Standard Div.,
United Aircraft Corp.
\*GARRETT CORP., THE, AIRESEARCH MFG.
DIVS.
Hammel-Dahl, Div.-General Controls
Kemp Aero Products, Div.-Kemp Inc.
La Pointe Industries Inc. La Pointe Industries Inc.
Lear, Inc.
Pacific Div.-Bendix Aviation Corp.
Parker Aircraft Co.
REPUBLIC MFG. CO.
Research Controls
Tactair Valve Div.-Aircraft Products Co.
\*VALCOR ENGRG. CORP.
Waston Hydraulics, Ltd.
Whittaker Controls, Div.-Telecomputing Corp.
Whittaker Gyro, Div.-Telecomputing Corp.

#### Bleeder

Aero Supply Mfg. Co., Inc.
Airborne Research & Development Corp.
Arkwin Industries, Inc.
Associated Valve Co.
Automatic Switch Co.
Auto-Valve Inc.
CDC Control Services, Inc.
Clary Dynamics
Dumont Aircraft Fitting Co.
\*ELECTROL INC.
\*ELECTROL INC.
\*GARRETT CORP., THE, AIRESEARCH MFG.
DIVS.
\*GREER HYDRAULICS, INC.
Hammel-Dahl, Div.-General Controls
Herlo Engrg. Corp.
Hydra-Power Corp.
Hydra-Power Corp.
Hydra-Power Corp.
Hydra-Power Corp.
Corp.
Hydra-Power Corp.
Hydra-Power Corp.
Hydra-Power Corp.
Hydra-Power Corp.
Hydra-Power Corp.
Hydra-Power Corp.
Republic Marchael Corp.
Republic Medical Corp.
Valcor Enger.
Valve Corp.
Valcor Enger.
Valve Corp.
Valcor Enger.
Valcor Instrument Co., Div.-F. C. Huyck & Sons
Veatherhead Co., The
Wittheyer. Waitherhead Co., The Weatherhead Co., The Whittaker Controls, Div.-Telecomputing Corp. Whittaker Gyro, Div.-Telecomputing Corp.

### By-Pass

Accessory Products Co., Div.-Textron Inc.
Aero Supply Mig. Co., Inc.
Airborne Research & Development Corp.
American Tool Co.,
Arkwin Industries, Inc.
Associated Valve Co.
Automatic Switch Co.
Barber-Colman Co.,
CDC Control Services, Inc.
Chandler-Evans, Div.-Pratt & Whitney Co., Inc.
Clary Dynamics
Consolidated Controls Corp.
\*CORNELIUS CO., THE
Dumont Aircraft Fifting Co.
\*ELECTROL INC.
Engelberg Huller Co., Inc.
Ex-Celt-O Corp.
\*GARRETT CORP., THE, AIRESEARCH MFG. \*GARRETT CORP., THE, AIRESEARCH MFG. DIVS.
\*GREER HYDRAULICS, INC.
Hammel-Dahl, Div.-General Controls
Hydra-Power Corp.
Hydromatics, Inc.
James, Pond & Clark, Inc.
\*JANITROL AIRCRAFT DIV.-SURFACE COMBUSTION CORP.
Kemp. Aero Products, Div.-Kemp Inc.
La Pointe Industries Inc.
M. C. Mfg. Co.

Marotta Valve Corp.

Mercury Rad Corp.
J. J. Monaghan Co., Inc.
Pacific Div.-Bendix Aviation Corp.
Parker Aircraft Co.
Progressive Research & Development Co., Inc.
\*\*REPUBLIC MFG. CO.
Research Controls
Milton Roy Co.
Schutte & Koerling Co.
Tactair Valve Div.-Aircraft Products Co.
Tapered Air Products Corp.
\*\*UNITED AIRCRAFT PRODUCTS, INC.
United Supply Co.
\*\*VALCOR ENGRG. CORP.
Vickers Inc., Div.-Sperry Rand
Visson Mfg. Co. Inc.
Valdorf Instrument Co., Div.-F. C. Huyck &
Sons Weston Hydraulics, Ltd. Whittaker Controls, Div.-Telecomputing Corp. Whittaker Gyro, Div.-Telecomputing Corp.

#### Check and Check Relief

Accessory Products Co., Div.-Textron Inc.
Aero Supply Mfg. Co., Inc.
Aeronautical & Instrument Div., RobertshawFulton Controls Co.
Aerotect Corp., The
Airborne Research & Development Corp.
All American Aircraft Products, Inc.
Allen Aircraft Products, Inc.
American Power Jet Co.,
Anderson, Greenwood & Co.
Annin Corp., The
Arkwin Industries, Inc.
Aro Equipment Corp., The
Arsociated Valve Co.
Auto-Valve Inc.
Barber-Colman Co.
Barksdale Valves
Carleton Aviation Co., Inc.
Chandler-Evans, Div.-Praft & Whitney Co., Inc.
Clary Dynamics
Collins Engrg. Corp.
\*CORNELIUS Co., The
Dumont Aircraft Fitting Co.
Electric Steel Foundry Co.
\*Electrol INC.
Engelberg Huller Co., Inc.
Engineered Products Co., The
Essex Mfg. Co., Inc.
Engineered Products Co., The
Essex Mfg. Co., Inc.
Futurecraft Corp., THE, AIRESEARCH MFG. DIVS.
\*CARRETT CORP., THE, AIRESEARCH MFG. DIVS.

Futurecraft Corp.
G. W. Galloway Co.
\*GARRETT CORP., THE, AIRESEARCH MFG. DIVS.
\*GREER HYDRAULICS, INC.
B. H. Hadley, Inc.
Hammel-Dahl, Div.-General Controls
Herlo Engrg. Corp.
Hoefner Corp.
Hoef Inc.
Hoof Products Co.
Walter J. Hyatt Co., The
Hydra-Power Corp.
\*ANITED AIRCRAFT DIV SURFACE. COM-

Water J., 1981 Co., 188
Hydra-Power Corp.
\*JANITROL AIRCRAFT DIV.-SURFACE COMBUSTION CORP.
Kemp Aero Products, Div.-Kemp Inc.
Walter Kidde & Co., Inc., Aviation Div.
Kohler Co.
Ladish Co.
La Pointe Industries Inc.
Watlace O. LEONARD, INC.
Marotta Valve Corp.
Mercury Rad Corp.
J. J. Monaghan Co., Inc.
Ozone Metal Products Corp.
Pacific Div.-Bendix Aviation Corp.
Parker Aircraft Co.
Pioneer-Central Div., Bendix Aviation Corp.
Reaction Motors, Inc.
\*\*REPUBLIC MFG. CO.

REPUBLIC MFG. CO.
Research Appliance Co.
A. U. Stone & Co., Inc.
Tactair Valve Div.-Aircraft Products Co.
Tapered Air Products Corp.

\*UNITED AIRCRAFT PRODUCTS, INC.

\*UNITED AIRCRAFT PRODUCTS, INC.

\*VALCOR ENGRG. CORP.

Vap-Air Div., Vapor Heating Corp.

Vickers Inc., Div.-Sperry Rand

Vinson Mfg. Co. Inc.

Waldorf Instrument Co., Div.-F. C. Huyck & Sons

Weatherhead Co., The

WhitHaker Controls, Div.-Telecomputing Corp.

Whithaker Gyro, Div.-Telecomputing Corp.

#### Check-Hydraulic, Gas

Accessory Products Co., Div. Textron Inc. Aero Supply Mfg. Co., Inc. Airborne Research & Development Corp. All American Aircraft Products, Inc. Anderson, Greenwood & Co. Arkwin Industries, Inc. Associated Valve Co. Carleton Aviation Co., Inc.

Chandler-Evans, Div.-Pratt & Whitney Co., Inc.

Chandler-Evans, Div.-Pratt & Whitney Co., Inc.
Clary Dynamics
\*\*CONNELIUS CO., THE
Dumont Aircraft Fitting Co.
\*\*ELECTROL INC.
\*\*ESSEX Mfg. Co., Inc.
Futurecraft Corp.
G. W. Galloway Co.
\*\*GAREET CORP. THE AIRESEARCH MFG. DIVS.
\*\*GAREET CORP. THE AIRESEARCH MFG. DIVS.
\*\*GAREET CORP. THE AIRESEARCH MFG. DIVS.
\*\*GAREET HYDRAULICS, INC.
8. H. Hadley, Inc.
8. H. Hadley, Inc.
8. H. Hadley, Inc.
8. H. Hadley, Inc.
9. Hardley, Inc.
1. Hardley, Inc.
1. Hardley, Inc.
1. Hardley, Inc.
1.

\*UNITED AIRCRAFT PRODUCTS, INC.
\*VALCOR ENGRG. CORP.
Vickers Inc., Div.-Sperry Rand
Vinson Mfg. Co., Inc.
Waldorf Instrument Co., Div.-F. C. Huyck & Whittaker Controls, Div.-Telecomputing Corp.
Whittaker Gyro, Div.-Telecomputing Corp.

#### Control

Accessory Products Co., Div.-Textron Inc.
Aero Supply Mfg. Co., Inc.
Alco Valve Co.
Altair Inc.
Arkwin Industries Inc.
Associated Valve Co.
Automatic Switch Co.
Barber-Colman Co.
Barber-Colman Co.
CDC Control Services, Inc.
Carleton Aviation Co., Inc.
A. W. Cash Co.
Clary Dynamics
Consolidated Controls Corp.
\*DALMO VICTOR CO., DIV.-TEXTRON INC.
Dynamic Controls Corp.
\*ELECTROL INC. \*ELECTROL INC.
Engelberg Huller Co., Inc.
Fischer & Porter Co.
\*FIREWEL CO., INC., THE Futurecraft Corp.
\*GARRETT CORP., THE, AIRESEARCH MFG. DIVS.
General Controls Co. General Nuclear Corp.

\*\*GREER HYDRAULICS, INC.

B. H. Hadley, Inc.

Hammel-Dahl, Div.-General Controls

Herlo Engrg. Corp.

Hoe'ner Corp.

Walter J. Hyatt Co., The

Hydra-Power Corp. Hydromatics, Usp.
Hydromatics, Mrg. Co., The
Imperial Brass Mrg. Co., The
ITION CORP.
Lenp Aero Products, Div.-Kemp Inc.

\*KOONTZ-WAGNER ELECTRIC CO., INC.

La Pointe Industries Inc.

SWALLACE O. LEONARD, INC.
Lyndon Aircraff, Inc.
Mar Vista Engrq. Co.
Marotta Valve Corp.
Mechanical Air Controls, Inc.
Mercury Rad Corp.
Minneapolis-Honeywell Regulator Co., Indust.

Mercury Rad Corp.
Minneapolis-Honeywell Regulator Co., Indust.
Div.
J. J. Monaghan Co., Inc.
Ozone Metal Products Corp.
Pacific Div.-Bendix Aviation Corp.
Parker Aircraft Co.
Philadelphia Gear Works, Inc.
Pneu-Hydro Valve Corp.
Progressive Research & Development Co., Inc.
Reaction Motors, Inc.
\*\*REPUBLIC MFG. CO.
Research Controls
Robbins Aviation, Inc.
Servomechanisms, Inc.
Sundstrand Turbo Div., Sundstrand Machine Tool
Co.

Co.
Tactair Valve Div.-Aircraft Products Co.
Haiflow Valve Corp.

Uniflow Valve Corp.
\*UNITED AIRCRAFT PRODUCTS, INC.
United Suoply Co.
\*VALCOR ENGRG. CORP.
Vap-Air Div., Vappor Heating Corp.
Vickers Inc., Div.-Sperry Rand
Vickery Co., The
Vinson Mfg. Co. Inc.
Waldorf Instrument Co., Div.-F. C. Huyck &
Sons

Weston Hydraulics, Ltd. Whittaker Controls, Div.-Telecomputing Corp. Whittaker Gyro, Div.-Telecomputing Corp.

#### Diaphragm

Accessory Products Co., Div.-Textron Inc.
Acro Supply Mfg. Co., Inc.
Alco Valve Co.
Arkini Industries, Inc.
Bendix Products Div., Bendix Aviation Corp.
Carleton Aviation Co., Inc.
A. W. Cash Co.
Chicago-Allis Mfg. Corp.
Clary Dynamics
Consolidated Controls Corp.
Continental Diamond Fibre Corp., Sub.—The
Budd Co.

Consolidated Controls Corp.
Continental Diamond Fibre Corp., Sub.—The
Budd Co.

\*CORNELIUS CO., THE
Electric Steel Foundry Co.
Enflo Corp.
Gasket Mig. Co. Inc.
General Controls Co.
Gray & Huleguard, Inc.
Hammel-Dahl, Div.-General Controls
High Vacuum Equipment Corp.
Hills-MCCanna Co.
Imperial Brass Mig. Co., The
\*YANITROL AIRCRAFT DIV.-SURFACE COMBUSTION CORP.
Kemp Aero Products, Div.-Kemp Inc.
Marotta Valve Corp.
Mercury Rad Corp.
Minneapolis-Honeywell Regulator Co., Indust. Div.
J. J. Monaghan Co., Inc.
Parker Aircraft Co.
Pneu-Hydro Valve Corp.
Powers Regulator Co., The
Research Controls
Schutte & Koerling Co.
Tapered Air Products Corp.
Uniflow Valve Corp.
Vinson Mig. Co. Inc.
Weston Hydraulics, Ltd.
Whittaker Controls, Div.-Telecomputing Corp.

\*\*Dumpo

#### Dump

Accessory Products Co., Div.-Textron Inc.
Aero Supply Mfg. Co., Inc.
Allen Aircraft Products, Inc.
Arkwin Industries, Inc.
Automatic Switch Co.
Auto-Valve Inc.
CDC Control Services, Inc.
Carleton Aviation Co., Inc.
Clary Dynamics

Carleton Aviation Co., Inc.
Clary Dynamics
\*CORNELIUS CO., THE
\*ELECTROL INC.
Engelberg Huller Co., Inc.
GARRETT CORP., THE, AIRESEARCH MFG. DIVS.
General Controls Co., Hammel-Dahl, Div.-General Controls
Herlo Engrg. Corp.
Hydra-Power Corp.
\*JANIKOL 418-7

Herlo Engra. Corp.
Hydra-Power Corp.
\*JANITROL AIRCRAFT DIV.-SURFACE COMBUSTION CORP.
Kemp Aero Products, Div.-Kemp Inc.
Kohler Co.
La Pointe Industries Inc.
\*WALLACE O. LEONARD, INC.
Marotta Valve Corp.
Mercury Rad Corp.
Ozone Metal Products Corp.
Parker Aircraft Co.
Parker Aircraft Co.
Progressive Research & Development Co., Inc.
\*REPUBLIC MFG. CO.
Tapered Air Products Corp.

\*REPUBLIC MFG. CO.
Taperd Air Product Corp.
\*/ALCA ENGRG. CORP.
\*/ALCA ENGRG. CORP.
Vapor Inc., Div. Pleating Corp.
Vision Mfg. Co. Inc., Div.-F. C. Huyck & Sons
Whittaker Controls, Div.-Fecomputing Corp.
Whittaker Gyro, Div.-Telecomputing Corp.

## Electronic Solenoid

Advanced Electronics, Inc. Aero Supply Mfg. Co., Inc. Alco Valve Co. Altair Inc. Altair Inc.
Arkwin Industries, Inc.
Automatic Switch Co.
Barksdale Valves
Cadillac Gage Co.
Clary Dynamics
Dynamic Controls Corp

Cauring Organical Corp.

\*EASTERN INDUSTRIES, INC.

\*ELECTROL INC.

\*Electronics Dept., Hamilton Standard Div.,
United Aircraft Corp.

Fungeberg Huller Co., Inc.

\*Funceraft Corp.

\*GARRETT CORP., THE, AIRESEARCH MFG, DIVS.

General Nuclear Corp.

General Nuclear Corp.

General Nuclear Corp.

General Nuclear Corp.

Hammel-Dahl, Div.-General Controls

Hammel-Dahl, Div.-General Controls

Hammel-Dahl, Div.-General Controls

Hammel Electric Co.

Hays Mig. Co.

Hoefner Corp.

Waiter J. Hyatt Co., The

Hydra-Power Corp.

Kemp Aero Products, Div.-Kemp Inc.

\*KOONTZ-WAGNER ELECTRIC CO., INC.
Gerard G. Leeds Co., Inc.
Lyndon Aircraft, Inc.
M. C. Mfg. Co.
Mar Vista Engrg. Co.
Marotta Valve Corp.
Oil-Dyne, Inc.
Pacific Div.-Rendix Aviation Corp.
Pacific Div.-Rendix Aviation Corp.
Progressive Research & Development Co., Inc.
\*REPUBLIC MFG. CO.
Skinner Electric Valve Div., The Skinner Chuck
Co.
Tactair Valve Div.-Aircraft Products Co.
Talley Corp., The
Thompson Products, Inc.
\*VALCOR ENGRG. CORP.
Vickers Inc., Div.-Sperry Rand
Vickery Co., The
Vinson Mfg. Co. Inc.
Waldorf Instrument Co., Div.-F. C. Huyck & Sons
Weston Hydraulics, Ltd.
Whittaker Controls, Div.-Telecomputing Corp.
Whittaker Corp. Div.-Telecomputing Corp.
Whittaker Controls, Div.-Telecomputing Corp.
Whittaker Controls, Div.-Telecomputing Corp.

## Engine Inlet

Engine Inlet

Aero Supply Míg. Co., Inc.
Arkwin Industries, Inc.
CDC Control Services, Inc.
EAGARETT CORP. THE, AIRESEARCH MFG. D VS.
Hammel-Dahl, Div.-General Controls
Kemp Aero Products, Div.-Kemp Inc.
La Pointe Industries Inc.
Mercury Rad Corp.
Marquardt Aircraft Co.
Pacher Aircraft Co.
Progressive Research & Development Co., Inc.
Thompson Products, Inc.
Vinson Míg. Co. Inc.
Whittaker Controls, Div.-Telecomputing Corp.
Whittaker Gyro, Div.-Telecomputing Corp.

## Exhaust

Accessory Products Co., Div.-Textron Inc. Arkwin Industries, Inc. CDC Control Services, Inc. Christie Machine Works Clary Dynamics Christie Machine Works
Clary Dynamics
\*\*SARRETT CORP. THE, AIRESEARCH MFG. DIVS.
Hammel-Dahl, Div.-General Controls
Hydromatics, Inc.
Kemp Aero Products, Div.-Kemp Inc.
La Pointe Industries Inc.
Marotta Valve Corp.
Mercury Rad Corp.
Parker Aircraft Corp.
Parker Aircraft Corp.
Progressive Research & Development Co., Inc.
Ryan Aeronautical Co.
Thompson Products, Inc.
United Supply Co.
Vinson Mfg. Co. Inc.
Whittaker Controls, Div.-Telecomputing Corp.
Whittaker Gyro, Div.-Telecomputing Corp.

#### Float

Accessory Products Co., Div.-Textron Inc.
Aero Supply Mig. Co., Inc.
Allen Aircraft Products, Inc.
Arkwin Industries, Inc.
Associated Valve Co.
Clary Dynamics
Hammel-Dahl, Div.-General Controls
Kemp Aero Products, Div.-Kemp Inc.
La Pointe Industries Inc.
Pneu-Hydro Valve Corp.
\*REPUBLIC MFG. CO
Thompson Products, Inc.
Vinson Mig. Co. Inc.
Whittaker Controls, Div.-Telecomputing Corp.

#### Globe

Accessory Products Co., Div.-Textron Inc.
Anderson, Greenwood & Co.
Annin Corp., The
Artwin Industries, Inc.
Associated Valve Co.
Automatic Switch Co.
Chandler-Evans, Div.-Pratt & Whitney Co., Inc.
Dumont Aircraft Fitting Co
Electric Steel Foundry Co.
General Nuclear Corp.
Hammel-Dahl, Div.-General Controls
Hoke Inc. Hoke Inc. In Dividence of Controls
Hoke Inc. In Dividence of Controls
Kemp Aero Products, Div.-Kemp Inc.
Ledish Co.
National Airoil Burner Co.
Parker Aircraft Co.
\*Revers Regulator Co., The
\*REPUBLIC MFG. CO.
Research Controls
Robbins Aviation, Inc.
Schutte & Koerting Co.
Tapered Air Products Corp.
Thompson Products, Inc.
Uniflow Valve Corp.
Vacuum Research Co.
Vinson Mfg. Co. Inc.
Whittaker Controls, Div.-Telecomputing Corp. Hoke Inc.

#### Helium

Accessory Products Co., Div-Textron Inc.
Aero Supply Mfg., Co., Inc.
Aeronautical & Instrument Div., Robertshaw-Fulfon Controls Co.
Airborne Research & Development Corp.
Anderson, Greenwood & Co.
Arkwin Industries, Inc.
Automatic Switch Co.
Carleton Aviation Co., Inc.
A. W. Cash Co.
Chandler-Evans, Div.-Pratt & Whitney Co., Inc.
Clary Dynamics THE
Dumont Aircraft Fitting Co.
Engelberg Huller Co., Inc.
Futurecraft Corp.
General Controls
B. H. Hadley, Inc.
Hammel-Dahi, Div.-General Controls
Hoke Inc.

Hammel-Dani, Hoke Inc.
Walter J. Hyatt Co., The
Hydrometics. Inc.
Herrick L. Johnston, Inc.
Kemp Aero Products, Div.-Kemp Inc. \*WALLACE O. LEONARD, INC.
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Rotary

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Ozone Metal Products Corp.
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Thompson Products, Inc.
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Sequence

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Pacific Div.-Bendix Aviation Corp.
Parker Aircraft Co.
Pesco Products Div.-Borg-Warner Corp.
Philco Corp., Government & Industrial Divs.
Pneu-Hydro Valve Corp.
Reaction Motors, Inc.
Royal Industries, Inc.
Thompson Products, Inc.
Walder Industries, In Servo

Shuttle Solenoid

Aero Supply Mfg. Co., Inc.
Alco Valve Co.
Bellinois Dept., Hamilton Standard Div.,
United Aircraft Corp.
Bellinois Dept., Hamilton Standard Div.,
English Co., Inc.
Full The Aldey, Inc.
Hammel-Dahl, Div.-General Controls
Walter J. Hyatt Co., The
Hydra-Power Corp.
\*\*YANITROI AIRCRAFT DIV.-SURFACE COMBUSTION CORP.
KEMP Aero Products, Div.-Kemp Inc.
\*\*KOONTZ-WAGNER ELECTRIC CO., INC.
La Pointe Industries Inc.
Lyndon Aircraft, Inc.
M. C. Mfg. Co.
Mar Vista Engrg. Co.
Mar Vista Engrg. Co.
Marotta Valve Corp.
Mechanical Air Controls, Inc.
Mercury Rad Corp.
Parker Aircraft Co.
Pneu-Hydro Valve Corp.
Progressive Research & Development Co., Inc.
Tactair Valve Div.-Aircraft Products Co.
Thompson Products, Inc.
\*\*VALCOR ENGRG. CORP.
Vinson Mfg. Co. Inc. Shuttle Solenoid

Weston Hydraul cs, Ltd. Whittaker Controls, Div.-Telecomputing Corp. Whittaker Gyro, Div.-Telecomputing Corp.

Strainer

Accessory Products Co., Div.-Textron Inc. Aero Supply Mfg. Co., Inc. Arkwin Industries, Inc. Auto-Valve Inc. Clary Dynamics Cuno Engrg. Corp., The Dumont Aircraft Fifting Co. Hammel-Dahl, Div.-General Controls Ladish Co. Newark Wire Cloth Co. Preu-Hydro Valve Corp.

\*REPUBLIC MFG. CO. A. U. Stone & Co., Inc. Thompson Products, Inc. Vinson Mfg. Co. Inc. Whittaker Controls, Div.-Telecomputing Corp.

#### Suction Regulating

Suction Regulating

Accessory Products Co., Div.Textron Inc.
Aero Supply Mfg. Co., Inc.
Arkwin Industries, Inc.
Aro Equipment Corp., the
Associated Valve Co.
CDC Control Services, Inc.
Carleton Aviation Co., Inc.
Clary Dynamics
Consolidated Controls Corp.
B. H. Hadley, Inc.
Hammel-Dahl Div.-General Controls
Kemp Aero Products, Div.-Kemp Inc.
Parker Aircraft Co.
Pneu-Hydro Valve Corp.
Progressive Research & Development Co., Inc.
Robbins Aviation, Inc.
Thompson Products, Inc.
Uniflow Valve Corp.
\*UNITED AIRCRAFT PRODUCTS, INC.
Vinson Mig. Co. Inc.
Whittaker Controls, Div.-Telecomputing Corp.

## Surge

Surge

Accessory Products Co., Div.-Textron Inc.
Aero Supply Mfg Co., Inc.
Allen Aircraft Products, Inc.
Allen Aircraft Products, Inc.
Allen Aircraft Products, Inc.
Allen Aircraft Products, Inc.
Artwin Industries, Inc.
Co., CDC Control Services, Inc.
Clary Dynamics
Consolidated Controls Corp.
\*ELECTROL INC.
\*GARRETT CORP. THE AIRESEARCH MFG. DIVS.
Hammel-Dahl, Div.-General Controls
Hydra-Power Corp.
Kemp Aero Products, Div.-Kemp Inc.
Marotta Valve Corp.
Parker Aircraft Co.
Pneu-Hydro Valve Corp.
\*REPUBLIC MFG. CO.
Stratos Div.-Fairchild Engine & Airplane Corp.
Thompson Products, Inc.
\*VALCOR ENGRG. CORP.
\*VALCOR ENGRG. CORP.
Vinson Mid. Co. Inc.
Widdorf Instrument Co., Div.-F. C. Huyck & Sons
Whittaker Controls, Div.-Telecomputing Corp.

#### Thermostatic

Alco Valve Co.
Arkwin Industries, Inc.
Barber-Colman Co.
Consolidated Controls Corp. Dynamic Controls Corp.
\*EASTERN INDUSTRIES INC. \*EASTERN INDUSTRIES, INC.
Futurecraft Corp., THE, AIRESEARCH MFG. DIVS.
Hammel-Dahi, Div.-General Controls
Hydromatics, Inc.
Pneu-Hydro Valve Corp.
Powers Reguletar Co., The
Thomoson Products, Inc.
\*UNITED AIRCRAFT PRODUCTS, INC.
Vap-Air Div., Vapor Heating Corp.
Vinson Mfg. Co. Inc.
Whittaker Controls, Div.-Telecomputing Corp.

#### Throttling

Annin Corp. The
Arkwin Industries, Inc.
Associated Valve Co.
Barber-Colman Co.
CDC Control Services, Inc.
A. W. Cash Co.
Clary Dynamics
\*GREER HYDRAULICS, INC.
Guided Missile Div. De Havilland Aircraft of
Canada, Ltd.
B. H. Hadley, Inc.
Hammel-Dahl, Div.-General Controls
Hoke Inc. Hoke Inc.
Hydra-Power Corp.
Kemp Aero Products, Div. Kemp Inc.
Ladish Co.
Marotta Valve Corp.

Minneapolis-Honeywell Regulator Co., Indust.
Div.
Parker Aircraft Co.,
Pneu-Hydro Valve Corp.,
Progressive Research & Development Co., Inc.
\*\*REFUBLIC MFG. CO.
Research Controls.
Sundstrand Aviation, Div.-Sundstrand Machine
Tool Co.
Tapered Air Products Corp.
Thompson Products, Inc.
Uniflow Valve Corp.
\*\*YALCOR ENGRG. CORP.
Vap-Air Div., Vapor Heating Corp.
Veeco Vacuum Corp.
Visson Mig. Co. Inc.
Waldorf Instrument Co., Div.-F. C. Huyck & Sons
Whittaker Controls, Div.-Telecomputing Corp.
Whittaker Gyro, Div.-Telecomputing Corp. Minneapolis-Honeywell Regulator Co., Indust.

Aero Supply Mfg. Co., Inc. Automatic Switch Co. Automatic Switc Clary Dynamics \*ELECTROL INC. \*ELECTROL INC.
Fulurecraft Corp.
Fulurecraft Corp.
SeREER HYDRAULICS, INC.
Hammel-Dahl, Div.-General Controls
Hydra-Power Corp.
Herrick L. Johnston, Inc.
Kemp Aero Products, Div.-Kemp Inc.
M. C. Mig. Co.
Mercury Rad Corp.
Pacific Div.-Bendix Aviation Corp.
Pneu-Hydro Valve Corp.
Pneu-Hydro Valve Corp.
Pneu-Hydro Valve Corp.
Progressive Research & Development Co., Inc.
REFUBLIC MFG. CO.
Tapered Air Products Corp.
Thompson Products, Inc.
\*VALCOR ENGRG. CORP.
Vickers Inc., Div.-Sperty Rand
Waldorf Instrument Co., Div.-F. C. Huyck & Sons
Weston Hydraulics, Ltd.
Whittaker Controls, Div.-Telecomputing Corp.
Whittaker Gyro, Div.-Telecomputing Corp.

## VAPORIZERS, LIQUID OXYGEN

Air Products, Inc. Airborne Research & Development Corp. Airborne Research & Development Corp.
Carleton Aviation Co., Inc.
\*GARRETT CORP., THE, AIRESEARCH MFG. DIVS.
B. H. Hadley, Inc.
Herrick L. Johnston, Inc.
Pioneer-Central Div., Bendix Aviation Corp.
\*RYAN INDUSTRIES
Stearns-Roger Mfg. Co.
Superior Air Products Co.

#### VENTURI TUBES

Aero Research Instrument Co. Inc.
Beaton & Corbin Mfg. Co., The
\*COOPER DEVELOPMENT CORP.
\*DIVERSEY ENGRG. CO.
Kaiser Aircraft & Electronics Div.-Kaiser Industries Corp. tries Corp.
National Airoil Burner Co.
\*PHOENIX PRODUCTS CO.
Pressed Steel Tank Co.
Superior Spinning & Stamping Co.
United Mfg. Co., The

#### VIBRATION ABSORBERS

VIBRATION ABSORBERS

American Brass Co., American Metal Hose Div. Applied Design Co. Columbia Research Labs Joe Davidson & Associates Dow-Eico, Inc. Federal Shock Mount Div.-The Korfund Co. Finn Aeronautical Div., T. R. Finn & Co., Inc. General Cable Corp.

\*HOUDAILLE INDUSTRIES, INC., BUFFALO HY-DRAULICS DIV. Hydra-Power Corp. Walter Kidde & Co., Inc., Aviation Div. M8 M/g. Co. Robinson Aviation, Inc. A. T. Stevens Co. Titefley, Inc. United M/g. Co., The

#### WASHERS

ACCURATE Specialties Co. Inc.
Accurate Specialties Co. Inc.
Acme Mfg. & Gasket Co.
Allined Plastics Supply Corp.
Allinetal Screw Products Co., Inc.
Aluminum Co. of America
American Brass Co., The
Anchor Metal Co., Inc.
Auburn Mfg. Co., The
Century Fasteners Corp.
Chase Brass & Copper Co., Inc.
Chicago-Allis Mfg. Corp.
Circon Component Corp.
Cleveland Graphile Bronze Co., Div.-Clevite
Corp. Cleveland Graphile Bronze Co., DIVINGENIES Corp.
Continental Diamond Fibre Corp., Sub.—The Budd Co.
Danly Machine Specialties, Inc.
Dumont Aircraft Fitting Co.
Dumont Aviation Associates
Emerson Plastics Corp.
Entlo Corp. Excelsior Leather Washer Mfg. Co. Inc.
Gasket Mfg. Co. Inc.
Gasket, Packing & Specialty Co. Inc.
General Cable Corp.
General Components Inc.
General Components Inc.
General Grasket Inc.
General Gasket Inc.
General Gasket Inc.
Green, Iweed & Co.
Walter K. Jaros Aircrafters
Michaefer Mfg. Co.
Kickhefer Mfg. Co.
Kickhefer Mfg. Co.
Kickhefer Mfg. Co.
Walter Lee Chemical Corp.
J. E. Menaugh Co.
Mercury Air Parts Co., Inc.
Pic Design Corp., Sub—Benrus Watch Co., Inc.
Pic Design Corp., Sub—Benrus Watch Co., Inc.
Picineer-Central Div., Bendix Aviation Corp.
Raybestos-Manhattan, Inc.
Rubbercraft Corp. of California
Silicone Insulation, Inc.
Wm. Steinen Mfg. Co.
A. T. Stevens Co.
Techniques, Inc.
Thompson-Bremer & Co.
Tricon Mfg. Co.
Waldom Electronics Inc.
Wrought Washer Mfg. Co.

#### WATER INJECTION EQUIPMENT

Aero Supply Mfg. Co., Inc.
Barnstead Still & Demineralizer Co.
Bendix Products Div., Bendix Aviation Corp.
Chandler-Evans, Div.-Pratt & Whitney Co., Inc.
Walter J. Hyatt Co., The
Hydra-Power Corp.
National Airoil Burner Co.
Milton Roy Co.
Wells Industries Corp.

#### WAX

Barium & Chemicals, Inc.
Biwax Corp.
General Cement Mfg. Co., Div.-Textron Inc.
International Wax Refining Co.
Merix Chemical Co.
Penetone Co., The
L. Sonneborn & Sons, Inc., Building Products Div.
Trio Chemical Works, Inc.
United Shoe Machinery Corp.
Zophar Mills Inc.

#### WEDGES, WOOD SLOT

Allied Plastics Supply Corp.

#### WIRE

MIRE

Allied Plastics Supply Corp.
\*AMERICAN STEEL & WIRE DIV.-UNITED STATES STEEL CORP.
Associated American Winding Co., Inc.
Birnbach Radio Co., Inc.
Carpenter Steel Co., The
Chase Brass & Copper Co., Inc.
Crucible Steel Co. of America
Delta Chemical Works, Inc.
Wilbur B. Driver Co.
Electric Auto-Lite Co., The, Wire & Cable Div.
Engelhard Industries Inc., D. E. Makepeace Div.
Forf Wayne Metals, Inc.
General Cable Corp.
Haynes Stellite Co., Div.-Union Carbide Corp.
Walter K. Jaros, Aircrafters
Jefferson Products Corp.
Leeds & Northrup Co.
Metals & Controls Corp.
Plastoid Corp.
Precision Tube Co., Inc.
Republic Steel Corp.
John A. Roeblings Sons Corp.
Sequoia Wire Co.
Surprenant Mfg. Co.
Sylvania Electric Products Inc., Parts Div.
Thermax Wire Corp.
Titan Metal Mfg. Co.
Western International Co.

## Guy

\*\*AMERICAN STEEL & WIRE DIV.-UNITED STATES
STEEL CORP.
Barker Sales Co.
Copperweld Steel Co., Wire & Cable Div.
General Cable Corp.
\*\*HUDSON WIRE CO.
Walter K. Jaros, Aircrafters
National-Standard Co.
John A. Roeblings Sons Corp.
Wind Turbine Co.

#### Mesh

\*AMERICAN STEEL & WIRE DIV.-UNITED STATES STEEL CORP.
J. Bishop & Co. Platinum Works Cambridge Wire Cloth Co., The Chase Brass & Copper Co., Inc. Cuno Engrg. Corp., The

Delta Chemical Works, Inc. General Cable Corp. \*HUDSON WIRE CO. Michigan Wire Cloth Co. National-Standard Co. Newark Wire Cloth Co. F. H. Paul & Stein Brothers, Inc. Techniques, Inc. Wind Turbine Co.

#### Metal Plated

Associated American Winding Co., Inc. Bram Metallurgical & Chemical Co. Chester Cable Corp. The Delta Chemical Works, Inc. Engelhard Industries Inc., D. E. Makepeace Div. General Cable Corp.
HUDSON WIRE CO. Metals & Controls Corp. National-Standard Co. Secon Metals Corp. Standard Metals Corp. Surprenant Mig. Co. Sylvania Electric Products Inc., Parts Div. Western International Co.

#### Metal Shielded

Metal Shielded

Alden Products Co.
Alpha Wire Corp.
American Super Temperature Wires Inc.
Associated American Winding Co., Inc.
Bram Metallurgical & Chemical Co.
William Brand & Co., Inc.
Co-Operative Industries, Inc.
Delta Chemical Works, Inc.
General Cable Corp.
Hallett Mfg. Co.
Magnetic Shield Div.-Perfection Mica Co.
Miljan Div., Paul Omohundro Co.
Plastoid Corp.
Plastoid Corp.
Plastoid Corp.
Precision Tube Co., Inc.
Rex Corp., The
Royal Electric Div.-General Motors Corp.
Sequoia Wire Co.
Times Wire & Cable Co., Inc.
Western International Co.
Westwood Cable Corp.

#### Molybdenum

Bram Metallurgical & Chemical Co.
Delta Chemical Works, Inc.
Eisler Engrg. Co., Inc.
Elmet Div.-North American Philips Co., Inc.
Fansteel Metallurgical Corp.
\*HUDSON WIRE CO.
Johnston & Funk Titanium Corp.
Micro-Wire Tungsten & Molybdenum Products

#### Monel

J. Bishop & Co. Platinum Works
Boston Insulated Wire & Cable Co.
Bram Metallurgica! & Chemical Co.
Crucible Steel Co. of America
Delta Chemical Works, Inc.
Wilbur B. Driver Co.
Walter K. Jaros, Aircrafters
Johnston & Funk Titanium Corp.
Sylvania Electric Products Inc., Parts Div.

#### Nickel Clad Copper

Nickel Clad Copper

Allied Research & Engrg., Div.-Allied Record
Mfg. Co.

Associated American Winding Co., Inc.
Belden Mfg. Co.
J. Bishop & Co. Platinum Works
Bram Metallurgical & Chemical Co.
Delta Chemical Works, Inc.
\*HUDSON WIRE CO.
Leach & Garner Co., Industrial Div.
Lewis Engrg. Co., The
Metals & Controls Corp.
Standard Metals Corp.
Sylvania Electric Products Inc., Parts Div.

#### Phosphor Bronze

Alpha Mire Corp.
American Brass Co., The
Belden Mfg. Co.
Bram Metallurgical & Chemical Co.
Brigeport Brass Co.
Chase Brass & Copper Co., Inc.
Consolidated Wire & Associated Companies
Delta Chemical Works, Inc.,
Engelhard Industries Inc., W. E. Makepeace
Div.
General Cable Corp.
Hackensack Cable Corp.
\*HUDSON WIRE CO.
Westwood Cable Corp.

#### Plastic Insulated

Accurate Insulated Wire Corp. Allied Plastics Supply Corp. Alpha Wire Corp.

American Electric Cable Co.
American Insulated Wire Corp.
American Super Temperature Wires Inc.
Ansonia Wire & Cable Co., The
Barker Sales Co.
Berkshire Electric Cable Co.
Birnbach Radio Co., Inc.
Boston Insulated Wire & Cable Co.
William Brand & Co., Inc.
Chase Brass & Copper Co., Inc.
Chase Brass & Copper Co., Inc.
Chase Brass & Copper Co., The
Electric Auto-Lite Co., The
Electric Auto-Lite Co., The
Electric Parts Corp.
Esex Wire Corp.
General Cable Corp.
Hiemp Wires, Inc.
Jefferson Products Corp.
Lewis Engrg. Co., The
Mohawk Wire & Cable Corp.
Okonite Co., The
Pastic Age Sales, Inc.
Plastoic Corp.
Rex Corp., The
Rockbestos Products Corp.
John A. Roeblings Sons Corp.
Royal Electric Corp.
Sequoia Wire Co.
Surprenant Mfg. Co.
Thermax Wire Corp.
Times Wire & Cable Co., Inc.
Western International Co.

#### Platinum

Anchor Metal Co. Inc.
Anchor Metal Co. Inc.
J. Bishop & Co. Platinum Works
Bram Metallurgical & Chemical Co.
Delta Chemical Works, Inc.
Eastern Smelting & Refining Corp.
Engelhard Industries Inc., D. E. Makepeace Div.
Goldsmith Brothers Smelting & Refining Co.
Leach & Garner Co., Industrial Div.
Metals & Controls Corp.
National Standard Co.
J. M. Ney Co., The
Secon Metals Corp.
Tricon Mig. Co.
Western Gold & Platinum

#### Recording

\*AMERICAN STEEL & WIRE DIV.-UNITED STATES STEEL CORP. Sequoia Wire Co. Telectro Industries Corp. Western International Co.

#### Reels

\*HUDSON WIRE CO.

#### Silicon Bronze

Alpha Wire Corp.
Alpha Wire Corp.
American Brass Co., The
Bram Metallurgical & Chemical Co.
Bridgeport Brass Co.
Chase Brass & Copper Co., Inc.
Delfa Chemical Works, Inc.
General Cable Corp.
Hackensack Cable Corp.
\*HUDSON WIRE CO.
Surprenant Mfg. Co.
Westwood Cable Corp.

#### Silver Plated

Silver Plated

Allied Research & Engrg., Div.-Allied Record Mg. Co.
Alpha Wire Corp.
American Electric Cable Co.
Belden Mfg. Co.
Bram Metallurgical & Chemical Co.
Clester Cable Corp.
Wilbur B. Driver Co.
Eastern Smelting & Refining Corp.
Elmet Div.-North American Philips Co., Inc.
Engelhard Industries Inc., D. E. Makepeace Div.
Goldsmith Brothers Smelting & Refining Co.
Leach & Garner Co., Industrial Div.
Lewis Engrg. Co., The
Metals & Controls Corp.
Micro-Wire Tungsten & Molybdenum Products
Sequoia Wire Co.
Standard Metals Corp.
Sylvania Electric Products Inc., Parts Div.
Times Wire & Cable Co., Inc.
Westwood Cable Corp.

#### Stainless Steel

All Boro Metal Products Co., Inc.
\*AMERICAN STEEL & WIRE DIV.-UNITED STATES
STEEL CORP.
Armco Steel Corp.
Bram Metallurgical & Chemical Co.
Carpenter Steel Co., The
Chase Brass & Copper Co., Inc.
Crucible Steel Co. of America
Delta Chemical Works, Inc.
Wilbur B. Driver Co.
Electric Steel Foundry Co.
Firth Steeling Inc.
Fort Wayne Metals, Inc.
Walter K. Jaros, Aircrafters
Johnston & Funk Titanium Corp.

National-Standard Co. Republic Steel Corp. John A. Roeblings Sons Corp. Joseph T. Ryerson & Son, Inc. Sylvania Electric Products Inc., Parts Div. Vacuum Metals Corp., Div.-Crucible Steel Co.

#### Tantalum

Bram Metallurgical & Chemical Co.
Consolidated Wire & Associated Companies
Delta Chemical Works, Inc.,
Wilbur B. Driver Co.
Fansteel Metallurgical Corp.
Haynes Stellite Co., Div.-Union Carbide Corp.
Johnston & Funk Titanium Corp.
Kennametal Inc.
Metals & Controls Corp.
F. H. Paul & Stein Brothers, Inc.

#### Thermocouple

hermocouple

Aero Research Instrument Co. Inc.
American Electric Cable Co.
Berkshire Electric Cable Co.
J. Bishop & Co. Platinum Works
Consolidated Wire & Associated Companies
Delta Chemical Works, Inc.
Wilbur B. Driver Co.
General Cable Corp.
Harco Labs., Inc.
Illinois Testing Laboratories, Inc.
Leeds & Northrup Co.
Lewis Engra. Co., The
Metals & Controls Corp.
Minneapolis-Honeywell Regulator Co., Indust.
Div.
National Standard Co.
Okonite Co., The
Thermo Electric Co., Inc.
Times Wire & Cable Corp.

#### Titanium

Bram Metallurgical & Chemical Co.
Crucible Steel Co. of America
Delta Chemical Works, Inc.
Wilbur B. Driver Co.
Eisler Engra, Co., Inc.
Eisler Engra, Co., Inc., D. E. Makepeace Div.
Firth Sterling Inc.
Johnston & Funk Titanium Corp.
P. R. Mallory & Co. Inc.
Metais & Controls Corp.
National-Standard Co.

## Tungsten

Bram Metallurgical & Chemical Co.
Delta Chemical Works, Inc.
Eisler Engrg. Co., Inc.
Eisler Div.-North American Philips Co., Inc.
Fansteel Metallurgical Corp.
Fromson Orban Co., Inc.
Micro-Wire Tungsten & Molybdenum Products

## Zirconium

Bram Metallurgical & Chemical Co. Engelhard Industries Inc., D. E. Makepeace Div. Firth Sterling Inc. Foote Mineral Co. Johnston & Funk Titanium Corp. Metals & Confrols Corp.

### WIRE STRIPPERS

Artos Engrg. Co.
Electric Auto-Lite Co., The
Eraser Co., Inc., The
Fridelity Chemical Products Corp.
Holub Industries, Inc., Instrument Co., Wyen Steinen Mfg. Co.
Wye Industries

## ZINC

Accurate Specialties Co. Inc. American Silver Co. Anchor Metal Co. Inc. Belmont Smelting & Refining Works, Inc. Delta Chemical Works, Inc. Eagle-Picher Co., The Harmon, Lichtenstein & Co.

#### ZIRCONIUM

American Silver Co.
Belmont Smelting & Refining Works, Inc.
Bram Metallurgical & Chemical Co.
\*COOPER DEVELOPMENT CORP.
Delta Chemical Works, Inc.
Engelhard Industries Inc., D. E. Makepeace Div.
Firth Sterling Inc.
Foote Mineral Co.
Harvey Aluminum
Johnston & Funk Titanium Corp.
Metals & Controls Corp.
Twix Mfg., Inc.



with a

# GREER GO NO-GO TEST SYSTEM

Missile readiness at the launching site is assured when put through its paces with a Greer Go No-Go Test System. Take for example the above missile test facility recently completed for a leading manufacturer of missiles.\*

This unique Go No-Go System automatically and accurately tests missiles off the production line. The system encompasses every type of missile test including fuel, pneumatic, hydraulic, electrical, mechanical—all equipment designed, developed and built right in the Greer plant.

The fool-proof test system programs and schedules 32 different inputs for Go No-Go readout, and self-checks each input for accuracy before the actual test. Its special and multiple circuits provide rapid determination and isolation of defective parts in the missile. In addition, the equipment signals accurate operation of its own test circuits and components. All test conditions, altitude, speed, pressure, temperature, etc., are simulated and accurately controlled to match those in actual missile flight.

Bring your out-of-ordinary missile test problems to Greer. At your disposal is Greer's vast test equipment experience and know-how, Greer's staff of creative engineers and skilled technicians—plus a fully-equipped plant to do the job for on-time delivery. For immediate action contact Greer.

\*For details, contact Greer sales manager, test equipment division.

# GREER GROUND SUPPORT EQUIPMENT



MISSILE GO NO-GO SYSTEMS



MISSUE LAUNCHING SYSTEMS



MISSILE GAS BOOSTER SYSTEMS

GREER HYDRAULICS, INC. • NEW YORK INTERNATIONAL AIRPORT • JAMAICA 30, NEW YORK

# GROUND SUPPORT EQUIPMENT

This is the equipment that supports the missiles; such as, "go, no-go" boxes and other electronic checkout gear, liquid oxygen generators, fuel trucks, fire trucks, portable generators, launching pads and block-houses.





# Announcing a specialized

# MISSILE SUPPORT SERVICE

You worry about the missile...let Packard Bell Electronics take care of ground support! Proven performance in this field has resulted in a separate missile equipment section devoted exclusively to ground test and launching equipment. Here, in a 21,500 sq. ft. facility geared for short run production, experienced management shoulders complete responsibility. Here the most radical design changes are absorbed during the process of development. Here direct assembly supervision by production engineers eliminates costly and time-consuming delays. A reliable source, any way you look at it. And a reliable way to rid yourself of a major beadache!

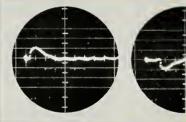
#### ENGINEERING BEYOND THE EXPECTED

DESIGN—When time dictates, available equipment can be adapted to your specifications. But you receive custom design, beyond the expected, when you need it. For example, the transistorized MAGAMP power supply (right). This unit provides a faster response time... a lower overshoot and undershoot... and remote regulation at longer distances than has ever been achieved before with this type of power supply.

DELIVERY—A contract from Douglas Aircraft for "Thor" test equipment was awarded in March 1956. A total of 100 units, comprising 30 different units, was delivered before deadline in November. On-time delivery at its best...delivery beyond the expected.



This transistorized MAGAMP power supply delivers a 27V to 42V output at 0 to 300 amperes, regulated at a load up to several hundred feet away.



The MAGAMP has a surge capacity of 400% overload for 2 seconds. Regulation at the load is 1% or better. Recovery time is less than 50 milliseconds. Overshoot and undershoot are less than 25%, with a 30% change in load. (Scale in above photos:  $5\,V/CM$  and  $10\,MS/CM$ .)



#### PACKARD BELL ELECTRONICS

Missite Equipment Section Technical Products Division 12333 W Olys p. Blvd Los Angeles 64 Ca. L. BRadshaw 2 2171

# **GROUND SUPPORT** EQUIPMENT

#### ACTUATORS, PNEUMATIC

Aeroproducts Operations, Allison Div., General Motors Corp.
Anderican Electronics, Inc.
\*\*AMERICAN MACHINE & FOUNDRY CO.
Arkwin Industries, Inc.
Barber-Colman Co.
Bendix Products Div. Bendix Aviation Corp.
Bridgwater Machine Co.
CDC Control Services, Inc.
Clary Dynamics
Clemco Aero Products, Inc.
Cleveland Pneumatic Tool Co., The, Div.Cleveland Pneumatic Industries, Inc.
Consolidated Controls Corp.
Consolidated Diesel Electric Corp., Test Equip.
Div.
\*\*CORNELIUS CO... THF

\*CORNELIUS CO., THE
Electronics Dept., Hamilton Standard Div., United
Aircraft Corp.
Ex-Cello-O Corp.
\*GARETT CORP., THE, AIRESEARCH MFG.

Aircraft Corp.
Ex-Cello-O Corp.

\*\*BARRETT CORP., THE, AIRESEARCH MFG. DIVS.
Geartronics Corp.
General Nuclear Corp.

\*\*GREER HYDRAULICS, INC.
Hagan Chemicals & Controls, Inc.
Hahn & Clay
Hydra-Power Corp.
Kaiser Aircraft & Electronics Div.-Kaiser Industries Corp.
Kelsey-Hayes Co.
Kemp Aero Products, Div.-Kemp Inc.
Waiter Kidde & Co., Inc., Aviation Div.
Lear, Inc.
Lear, Inc., Grand Rapids Div.
Lyndon Aircraft, Inc.
Menasco Mig. Co.
Minneapolis-Honeywell Regulator Co., Aeronautical Div.
Nemeth, Inc.
O & M Machine Co., Inc.
Pacific Div.-Bendix Aviation Corp.
Parker Aircraft Co.
Progressive Research & Development Co., Inc.
Research Controls
Sancor Corp.
Stratos, Div.-Fairchild Engine & Airplane Corp.
Talco Engrg. Co., The
Talley Corp., The
Thompson Products, Inc.
\*\*WAINTED AIRCRAFT PRODUCTS, INC.
Vap-Air Div., Vapor Heating Corp.
Varia Inc.
Vinson Mfg. Co. Inc.
Waldorf Instrument Co., Div.-F. C. Huyck & Sons
Wells Industries Corp.

Waldort Instituted Sons
Sons
Wells Industries Corp.
\*WESTINGHOUSE AIR BRAKE CO., INDUST.
PRODUCTS DIV.
Weston Hydraulics, Ltd.

#### AMPLIFIERS, TONE CONTROL

Adler Electronics, Inc.

AMPLIFIERS, I ONE CONTROL

Adler Electronics, Inc.

Amelco, Inc.

\*AMERICAN MACHINE & FOUNDRY CO.
Cedar Engrg. Div.-Control Data Corp.

\*AVCO MFG. CORP., CROSLEY DIV.
Consolidated Radio Products Co.

\*DATA-CONTROL SYSTEMS INC.
Daven Co., The
Dunlap Electronics, Inc.
Electronic Instrumentation Co., Div.—RamoWooldridge Corp.
Goslin Electric & Mfg. Co.

\*INTERELECTRONICS CORP.

Kay Electric Co., Inc.
Philico Corp., Government & Industrial Divs.
Production Research Corp.
Ram Electronics Inc.
Resdel Engrg. Corp.
Servomechanisms, Inc.
Skiatron Electronics & Television Corp.
Southwestern Industrial Electronics Co.
Stromberg-Carlson, Electronics Div.
Telectro Industries Corp.
United Electrodynamics, Div.-United Geophysical Corp.
Varo Mfg. Co.

Wickes Engrg. & Construction Co. Inc.
Wilcox Electric Co., Inc.
Wilcox Electric Co., Inc.
Wunderlich Radio Co.

#### ANALYZERS. CABLE

RNALTZERS, CABLE

Bogue Electric Mfg. Co.

California Technical Industries, Div.-Textron Inc.

James Cunningham Son & Co., Inc.

Dit-Mco., Inc. Electronics Div.

Electronic Instrumentation Co., Div.—RamoWooldridge Corp.

Guardian Electric Mfg. Co.

Hammert Electric Co.

Kaiser Aircraft & Electronics Div.-Kaiser Industries Corp.

Kay Electric Co.

Lane Electric Co.

Minco Products, Inc.

Radar Engineers

Telectro Industries Corp.

#### ANTENNA TOWER LIGHTING

Hammett Electric Co.
J-V-M Microwave Co.
Motorola Inc., Military Marketing Div.
Prodelin Inc.
Telectro Industries Corp.
Thieblot Aviation Co., Div.-Vitro Corp.
of America
Tivix Mig. Co. Inc.
\*WESTINGHOUSE ELECTRIC CORP.
\*WASHINGTON ALUMINUM CO., INC.
Wind Turbine Co.,
Wind Turbine Co.,
Wunderlich Radio Co.

#### ANTENNAS, MOBILE COMMERCIAL

COMMERCIAL

Ainslie Corp.
American Electronics Labs., Inc.
Andrew Corp.
Canoga Corp. of California
Coaxial Connector Co. Inc.
Collins Radio Co.
Communications Co.
\*DALMO VICTOR CO.-TEXTRON INC.
Defiance Engrg. & Microwave Corp.
\*DORNE & MARGOLIN, INC.
Freeman Co., The
General Electric Co., Missiles & Ordnance
Systems Dept. (Pa.)
General Railway Signal Co.
Hammeth Electric Co.
J-V-M Microwave Co.
Kelsey-Hayes Co.
Herb Kreckman Co.
La Pointe Industries Inc.
Leitch Engrg. Corp.
Mark Products Co.
Missile Engrg. Products, Inc.
Motorola Inc., Military Marketing Div.
Permax Products Div., Chisholm-Ryder Co.,
Inc.
Prodelin Inc. MotoPermax Producis
Inc.
Prodelin Inc.
Robot Appliances Inc.
Scala Radio Co.
Technical Appliance Corp.
Telectro Industries Corp.
Thieblot Aviation Co., Div.-Vitro Corp. of
America Corp.
\*VICKERS INC. MARINE & ORDNANCE DEPT.,
MACHINERY HYDRAULICS DIV.
\*WASHINGTON ALUMINUM CO., INC.
Wunderlich Radio Co.

# COMMUNICATION

COMMUNICATION

Ainslie Corp.
Aircraft Armaments, Inc.
American Brass Co., The
American Electronics Labs., Inc.

\*AMERICAN MACHINE & FOUNDRY CO.
Andrew Corp.
Canoga Corp. of California
Collins Radio Co.
Communications Co.
\*COOPER DEVELOPMENT CORP.
Defiance Engrg. & Microwave Corp.
\*PORNE & MAGOLIN, INC.
Electronic Instrumentation Co., Div.—RamoWooldridge Corp.
Freeman Co., Inc.
Gabriel Co., The Gabriel Electronics Div.
General Electric Co., Missile & Ordnance
Dept. (Pa.)
Haller Raymond & Brown Inc.
Hammert Electric Co.
Hycon Eastern Inc.
Kelsey-Hayes Co.

D. S. Kennedy & Co.
Herb Kreckman Co.
La Pointe Industries Inc.
Mark Products Co.
Missile Engrg. Products, Inc.
Motorola Inc., Military Marketing Div.
Permax Products Div., Chisholm-Ryder Co., Inc.
Phaostron Instrument & Electronic Co. Phasistron Instrument & Electronic Co.
Reeves Instrument Corp.
Robot Appliances Inc.
Scala Radio Co.
Technical Appliance Corp.
Telectro Industries Corp.
Thieblot Aviation Co., Div.-Vitro Corp. of Inteblot Aviation Co., DIV.-Vitro Corb. of America
Twix Mfg. Co., Inc.
\*\*YICKERS INC., MARINE & ORDNANCE DEPT.,
MACHINERY HYDRAULICS DIV.
\*\*WASHINGTON ALUMINUM CO., INC.
Wunderlich Radio Co.

#### ASPHALT

Esso Standard Oil Co. Minneapolis-Honeywell Regulator Co., Aero-nautical Div. Prodelin Inc. Sanders Associates, Inc. Warren Mfg. Div., Warren Brothers Roads Co.

Warren Mfg. Div., Warren Brothers Roads Co.

ASSEMBLIES, CABLE

\*AC SPARK PLUG DIV. GENERAL MOTOR CORP. ACP Industries, Inc., Advanced Products Div. Advanced Electronics orp.
Alden Products Co.
All American Aircraft Products, Inc.
American Electronic Labs., Inc.
AMERICAN MACHINE & FOUNDRY CO.
American Super-Temperature Wires, Inc.
AAMERICAN MACHINE & FOUNDRY CO.
American Super-Temperature Wires, Inc.
Anchor Specialty Mfg. Co. Inc.
Associated Co., Inc.
Bergen Wire Rope Co.
Birnbach Radio Co., Inc.
Controlix Inc.
Coavial Connector Co.

\*COOPER DEVELOPMENT CORP.
Cromer Mfg. & Engrg., Inc.
Dale Products, Inc.
Dittmore-Freimuth Corp.
Dwyer Engrg. Co., Inc.
Electric Auto-Lite Co., The
Electronic Assembly Co., Inc.
Essex Mfg. Co., Inc.
First Electronics Corp., The
Food Machinery & Chemical Corp., Ordnance
Div.
General Railway Signal Co.
Greenleaf Mfg. Co., The, Div.-Mandrel Industries Inc.
Guardian Electric Mfg. Co.
Hallamore Electronics Co.
Hallett Mfg. Co.
Hallett Mfg. Co.
Hallett Mfg. Co.
Hammett Electric Co.
International Electric Ind.
Walter K. Jaros, Aircrafters
Lane Electronics Mfg. Corp.
Lenkurt Electric Co., Inc.
J. Monaghan Co., Inc.
J. Monaghan Co., Inc.
Organic Development Corp., Spectra-Strip Div.
Phaostron Instrument & Electronic Co.
Philico Corp., Government & Industrial Divs.
Reeves Instrument Corp.
Supremant Mfg. Co.
Ielectro Industries, Inc.
Sittler Corp.
Supremant Mfg. Co.
Ielectro Industries Corp.
Ivic Mfg. Co., Inc.
Iricraft Products Corp.
Ivic Mfg. Co., Inc.
Iricraft Products Corp.
Ivic Mfg. Co., Inc.
Ivic ASSEMBLIES, CABLE

Tucson Instrument Corp.
Twix Mfg. Co., Inc.
Victor Electric Wire & Cable Corp.
Wells Industries Corp.
Westbury Electronics Inc.

Western International Co.
Westronics Inc.
Westwood Cable Corp.
Wickfield, Inc.
Winder Aircraft Corp. of Fla.
Zippertubing Co., The

#### ASSEMBLY EQUIPMENT. AUTOMATIC

AUTOMATIC

Abrams Instrument Corp.
Alden Systems Co.
\*AMERICAN MACHINE & FOUNDRY CO.
Davenport Mfg. Co.
Food Machinery & Chemical Corp., Ordnance Div.
Guardian Electric Mfg. Co.
Hallamore Electronics Co.
Kaiser Aircraft & Electronics Div.-Kaiser Industries Corp.
Merz Engrg., Inc.
Minneapolis-Honeywell Regulator Co., Aeronautical Div.
Philco Corp., Government & Industrial Divs.
Radio Corporation of America, Defense Electronic Products
Reeves Instrument Corp.
Telectro Industries Corp.
Telectro Industries Corp.
Twix Mfg. Co., Inc.
Warren Mfg. Div., Warren Brothers Roads Co.
Winder Aircraft Corp. of Fla.

#### AUXILIARY POWER SOURCES

Air Logistics Corp.
Aircraft Equipment Div.-Consolidated Diesel
Electric Corp.
Louis Allis Co., The Louis Allis Co., The
\*AMERICAN MACHINE & FOUNDRY CO.
Bendix Products Div, Bendix Aviation Corp.
Cadillac Gage Co.
Consolidated Diesel Electric Corp., Test Equip.
Div.
Davenport Mfg. Co.
Joe Davidson & Associates
Food Machinery & Chemical Corp., Ordnance Div.
\*GARRETT CORP., THE, AIRESEARCH MFG.
DIVS. Food Machinery & Chemical Corp., Ordinates of DIVS.
Goodyear Aircraft Corp.
Gremco, Inc.,
Guided Missile Div.-De Havilland Aircraft of Canada, Ltd.
Hammett Electric Co,
Kurz & Root Co.
J. A. Maurer, Inc.,
McCormick Selph Associates
Missile Engra, Products, Inc.,
McCormick Selph Associates
Missile Engra, Products, Inc.,
McCormick Selph Associates
Missile Engra, Products, Inc.,
Ready Power Co., The
Rucker Co., The
Sundstrand Aviation, Div.-Sundstrand Machine
Tool Co.
Sundstrand Turbo Div., Sundstrand Machine
Tool Co.
Talley Corp., The
Telectro Industries Corp.
Thompson Products, Inc.,
Varo Mfg. Co.,
Vickers Inc., Div.-Sperry Rand
\*VICKERS INC., MARINE & ORDNANCE DEPT.,
MACHINERY HYDRAULICS DIV.
\*WESTINGHOUSE ELECTRIC CORP.
Wickfeld, Inc.,
Wickes Engra, & Construction Co., Inc.

#### BALL BEARINGS

Ahlberg Bearing Co.
American Welding & Mfg. Co., The
Barden Corp., The
Corning Glass Works
Dodge Mfg. Corp.
Federal Bearings Co. Inc., The
Industrial Tectonics, Inc.
Walter K. Jaros, Aircrafters
Kaydon Engrg. Corp. The
Marlin-Rockwell Corp., The
Marlin-Rockwell Corp.
McGill Mfg. Co. Inc.
Monarch Aircraft Sales, Inc.
Pic Design Corp. Sub.—Benrus Watch Co., Inc.
Raway Bearing Co.
Solar Aircraft Co.
United Supply Co.

Wickfield, Inc.
Wickes Engrg. & Construction Co., Inc.
Winder Aircraft Corp. of Fla.

#### **BALL JOINTS**

Allegany Instrument Co., Inc.
Bridgwater Machine Co.
Century Fasteners Corp.
Corbin Products Div.
Walter K. Jaros, Aircrafters
Parker Aircraft Co.
Ryon Aeronautical Co.
Southwest Products Co.
United Supply Co.
Vickery Co., The

#### BASES

Ainslie Corp.

\*AMERICAN MACHINE & FOUNDRY CO.
American Steel Foundries, Hammond Div.

Bridgwater Machine Co.
Cromer Mig. & Engrg., Inc.
G. M. Dykes Iron Works, Inc.
Federal Machine Co. Inc.
R. C. Mahon Co., The
Peterson & Neville Inc.
Philips & Davies Inc.
Ray-O-Vac Co., Div.-Electric Storage Battery Thompson Products, Inc.
\*WASHINGTON ALUMINUM CO., INC.

#### BATTERIES

Associated Co., Inc.
Bowers Battery & Spark Plug Co.
Burgess Battery Co.
Carbone Corp., The
Eagle-Picher Co., The
Electric Auto-Lite Co., The
\*EXIDE INDUSTRIAL DIV.-THE ELECTRIC STORAGE BATTERY CO.
Goldsmith Brothers Smelting & Refining Co.
\*\*INTERLECTRONICS CORP.
P. R. Mallory & Co. Inc.
Modglin Co. Inc.
Olin Mathieson Chemical Corp., High Energy
Fuels Div.
Terminal Radio Corp.
Willard Storage Battery
Vardney Electric Corp.

#### BATTERY BOXES, CRADLES, ETC.

Aerolite Electronics Corp.
Aerolite Electronics Corp.
Aircraff Mechanics, Inc.
G. M. Dykes Iron Works, Inc.
Ludwig Honold Mig. Co.
Keystone Electronics Corp.
Modglin Co. Inc.
Muckle Mig. Co.
Plastic Age Sales, Inc.
Resdel Corp.
Smith-Morris Corp.
Telectro Industries Corp.
United Mig. Co., The
Warren Mig. Div., Warren Brothers Roads Co.
Wells Industries Corp.
Winder Aircraft Corp. of Fla.

#### BATTERY SERVICING EQUIPMENT

Aircraft Equipment Div.-Consolidated Diesel Electric Corp. Aircraft Equipment Div.-Consolidated Electric Corp.
Amelco, Inc.
Christie Electric Corp.
\*EXIDE INDUSTRIAL DIV.-THE ELECTRIC STORAGE BATTERY CO.
General Scientific Equipment Co.
Green Rectifier Co.
Hammett Electric Co.
Hickok Electrical Instrument Co., The
Krylon, Inc.
Leach Corp.
Lee Electric & Mfg. Co.
George L. Nankervis Co.
Quick Charge Corp.
Sun Electric Corp.
Telectro Industries Corp.
Willard Storage Battery Div.
Winder Aircraft Corp. of Fla.
Yardney Electric Corp.

#### BEACONS, CRASH LOCATOR

BEACONS, CRASH LOCATOR
Aircraft Armaments, Inc.
\*AMERICAN MACHINE & FOUNDRY CO.
Canaga Copp of California
\*COOPER DEVELOPMENT CORP.
\*\*DATA-CONTROL SYSTEMS INC.
Hallamore Electronics Co.
Li-V-M Microwave Co.
Kemlite Laboratories, Inc.
W. L. Masson Corp., The
Motorola Inc., Military Marketing Div.
Resdel Engrg. Corp.
Simmonds Aerocessories, Inc.
Stanley Aviation Corp.
Svivania Electronic Systems, Div.-Sylvania Electrolic Systems, Div.-Sylvania Electrolic Industries Corp.

#### BINS

Alden Systems Co.
Aluminum Co. of America
Bekins Industrial Packaging
Butler Mfg. Co.
Cromer Mfg. & Engrg., Inc.
G. M. Dykes Iron Works, Inc.
Luria Engrg. Co.
Thieblot Aviation Co., Div.-Vitro Corp. of Intention Aviation Co., America America United Mig. Co., The Warren Mig. Div.-Warren Brothers Roads Co. Winder Aircraft Corp. of Fla.

#### BLADDERS, FUEL

Connecticut Hard Rubber Co., The Continental Diamond Fibre Corp., Sub.—The Budd Co.
B. F. Goodrich Aviation Products Irving Air Chute Co., Inc., Joclin Mig. Co.
New England Tape Co., Inc., Portland Copper & Tank Works Inc., Rubbercraft Corp. of California

#### BLADES, HACKSAW

Capewell Mfg. Co. Ladish Co. Simonds Saw & Steel Co. L. S. Starrett Co., The

#### BOLT CARTRIDGES, EXPLOSIVE

Atlantic Research Corp.
Beckman & Whitley, Inc., Missile Products
Div. \*\*COPER DEVELOPMENT CORP.

McCormick Selph Associates

Propellex Chemical Corp.

Stanley Aviation Corp.

Talco Engrg. Co., The

Winchester-West. Div.-Olin Mathieson Chem.

Corp.

#### **BOXES**

Aircraft Mechanics, Inc.
Basic Tool Industries, Inc.
Basic Tool Industries, Inc.
Bekins Industrial Packaging
Champion Airquipment Inc.
Champion Co., The
\*\*CRAIG SYSTEMS, INC.
\*\*ECKOL PACKAGING CO.
Muckle Mig. Co.
Plastic Age Sales, Inc.
Skydyne Inc.
Smith-Morris Corp.
TA Mig. Corp.
\*\*UNITED AIRCRAFT PRODUCTS, INC.
United Mig. Co., The
Warren Mig. Div.-Warren Brothers Roads Co.
\*\*WASHINGTON ALUMINUM CO., INC.
Wells Industries Corp.
Winder Aircraft Corp. of Fla.

#### BRACKETS, HARDWARE

BRACKETS, HARDWARE

Abalon Precision Mfg. Corp.
Aerolite Electronics Corp.
Air Logistics Corp.
Air Logistics Corp.
American Brass Co., The

\*AMERICAN MACHINE & FOUNDRY CO.
Basic Tool Industries, Inc.,
Dumont Aviation Associates
Electronic Techniques, Inc.,
Joclin Mfg. Co.
Keystone Electronics Corp.
Pacific Cut Washer Co.
Republic Aviation Corp., Guided Missiles Div.
Rome Cable Corp.
Ta Mfg. Corp.
Ta Mfg. Corp.
Ta Mfg. Corp.
Thompson Products, Inc.
United Mfg. Co., The

\*WASHINGTON ALUMINUM CO., INC.
Wells Industries Corp.
Winder Aircraft Corp. of Fla.

#### BREAK-AWAY MECHANISMS

BREAK-AWAY MECHANISMS

\*AC SPARK PLUG DIV., GENERAL MOTOR CORP. Aerotex Corp., The

\*AMERICAN MACHINE & FOUNDRY CO. Beckman & Whitley, Inc., Missile Products Div. Bendix Products Div., Bendix Aviation Corp.

\*COOPER DEVELOPMENT CORP.

Kaiser Aircraft & Electronics Div.-Kaiser Industries Corp.

Republic Aviation Corp., Guided Missiles Div. Stanley Aviation Corp.

Talco Engrg. Co., The Telectro Industries Corp. Thompson Products, Inc.

Turbo Products, Inc.

Turbo Products, Inc.

Washington Technological Associates Inc.

Winder Aircraft Corp. of Fla.

#### BULBS, TEMPERATURE RESISTANT

A&P Metal Products Mfg. Corp. Lewis Engrg. Co., The

#### CABINET COVERING

A&P Metal Products Mfg. Corp.
\*\*AMERICAN MACHINE & FOUNDRY CO.
Basic Tool Industries, Inc.
Censolidated Radio Products Co.
Duracote Corp.
Ludwig Honold Mfg. Co.
Henry & Miller Industries, Inc.
Muckle Mfg. Co.
Multi-Amp. Corp.
Peterson & Neville Inc.
\*\*WASHINGTON ALUMINUM CO., INC.
Wildox Electric Co., Inc.
Winder Aircraft Corp. of Fla.
Zero Mfg. Co.

#### CABINETS, SPEAKER

A&P Metal Products Mfg. Corp. Calcor Corp. Aircraft Div. Longren Aircraft Co., Inc. Henry & Miller Industries, Inc. Telectro Industries Corp. Winder Aircraft Corp. of Fla.

#### CABINETS, WOOD

Anchor Specialty Mfg. Co. Inc.
Bekins Industrial Packaging
Consolidated Wire & Associated Companies

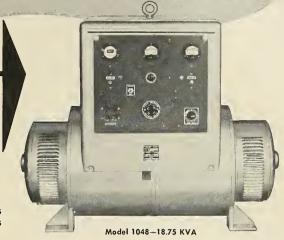
# GET EXACTLY 400 CYCLES PER SECOND WITH HOBART SYNCHRONOUS MOTOR GENERATORS

#### **FEATURES:**

- Simplified Design
- Rugged Construction
- Dependable Performance
- Ease of Installation and Maintenance

#### **USES:**

- Aircraft Test Checkouts
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Impressive in power and performance, Hobart Ground Power Support Units (d.c.) are known throughout the world as the chosen ground power unit in the commercial aviation field.

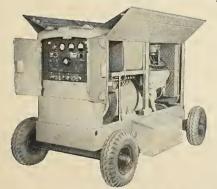
With the advent of jet aircraft, the merits of an a.c. electrical system is unquestionably the right choice, so the need for 400 cycle power is urgent. Research by Hobart indicates that units ranging from 3.75 KVA to 125 KVA are required. Design, development, and production of these new units are in progress at M.G.C. The Hobart d.c. line will, of course, take care of the limited supply of low voltage d.c. requirements on certain jet aircraft.

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- Induction or synchronous motor-driven generators—belt drive
- Induction MotoDrive generators (380 to 420 cycles)—vari-speed drive
- Synchronous motor-driven generators—direct drive
- Engine-driven generators, self-propelled—gasoline or Diesel
- Trailer-mounted engine generators—gasoline or Diesel
- Truck-mounted engine generators—gasoline or Diesel

Model 3008-P 37.5 KVA

Checked to your specifications . . . Shipped to your schedules!



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you can't get a better frequency changer than Hobart because of these outstanding features:

- Complete instrumentation
- Magnetic type load contactor
- Voltage regulation is by a magnetic amplifier
- Overload relay opens the main contactor on overloads
- Over-voltage relay protects the aircraft in case of excessive voltage
- Transient voltage, output voltage modulation, response time, and wave shape are held to the closest possible limits

TO OPEN THE WAY TO FASTER FLIGHT SCHEDULES, SMALLER FLEET REQUIRE-MENTS AND INCREASED PROFITS — WRITE FOR COMPLETE INFORMATION INCLUDING DESCRIPTIVE LITERATURE DETAILING CONSTRUCTION, RATINGS, TYPES, SIZES, AND SERVICE CHARACTERISTICS.

#### MOTOR GENERATOR CORPORATION

Box MI-48

Troy, Ohio

(Hobart Brothers Affiliate)



Elm Mfg. Co. Inc. Sanders Associates, Inc. Terminal Radio Corp. Wells Industries Corp.

#### CABLE

Aeronautical & Instrument Div., Robertshaw-Fulton Controls Co.
Alpha Wire Corp.
American Super-Temperature Wires, Inc.
Ansonia Wire & Cable Co., The
Associated Co., Inc.
Belden Mig. Co.
Bergen Wire Rope Co.
Bergen Wire Rope Co.
Birnbach Radio Co., Inc.
Consolidated Wire & Associated Companies
Dittmore-Freimuth Corp.
Dwyer Engrg, Co., Inc.
Electric Auto-Lite Co., The, Wire & Cable Div.
Greenleaf Mig. Co., The, Div. Mandrel Industries Inc.
Halleft Mig. Co., Inc.
Plastoid Corp.
\*KAHN & CO., INC.
Pastic Automatic Corp.
\*KAHN & CO., INC.
Pastic Automation Products, Inc.
Plastoid Corp.
Precision Tube Co., Inc.
Prodelin Inc.
Rex Corp., The
John A. Roeblings Sons Corp.
Some Cable Corp.
Sequoia Wire Co.
Surprenant Mig. Co.
Ierminal Radio Corp.
Thermax Wire Corp.
United States Plastic Rope, Inc.
Warren Wire Co.
Waren International Co.
Winder Aircraft Corp. of Fla.
Zipperfubing Co., The

#### Antenna Transmission

Antenna Transmission

Aeronautical & Instrument Div., Robertshaw-Fulton Controls Co.
American Electric Cable Co.
Andrew Corp.
Berkshire Electric Cable Co.
Berkshire Electric Cable Co.
Birnbach Radio Co., Inc.
Consolidated Wire & Associated Companies
Dayton Aircraft Products, Inc.
Dittmore-Freimuth Corp.
Empire Electronics Co., Inc.
Hackensack Cable Corp.
International Electric Industries, Inc.
Jefferson Products Gorp.
Key Resistor Corp.
Lane Electronics Mig. Corp.
Lane Electronics Mig. Corp.
La Pointe Industries Inc.
Mohawk Wire & Cable Corp.
Plastoid Corp.
Precision Tube Co., Inc.
Prodelin Inc.
Rex Corp., The
Royal Electric Corp.
Sequoia Wire Co.
Jechnical Appliance Corp.
Jerminal Radio Corp.
Jerminal Radio Corp.
Jimes Wire & Cable Co., Inc.
Jusson Instrument Corp.
Jims Wire & Cable Co., Inc.
Warren Wire Corp.
Westbury Electronics Inc.
Westbury Electronics Inc.
Westbury Electronics Inc.
Westbury Electronics Inc.
Western International Co.
Winder Aircraft Corp. of Fla.

#### Assemblies, Electrical

Advanced Electronics, Inc.
Aerolite Electronics Corp.
Aeronautical & Instrument Div., RobertshawFulton Controls Co.
Alpha Wire Corp.
American Electric Cable Co.
American Electric Cable Co.
American Electric Cable Co.
American Super-Temperature Wires, Inc.
Andrew Corp.
Bershire Electric Cable Co.
Biss Electronic Corp.
William Brand & Co., Inc.
California Technical Industries
Coatal Connector Co., Inc.
Cooper By Electronic Corp.
Dale Products, Inc.
Ditmore-Freimuth Corp.
Dayer Engrg. Co., Inc.
Elec Corp.
Electric Auto-Lite Co., The, Wire & Cable Div.
Electric Parts Corp.

Elgin Micronics, West Coast Div.-Elgin National Watch Co.
Empire Electronics Co., Inc.
First Electronics Corp., The
Food Machinery & Chemical Corp., Ordnance
Div.
Greenleaf Mfg. Co., The, Div.-Mandrel Industries

Food Machinery & Chemical Corp., Ordnance Div.
Greenleaf Mfg. Co., The, Div.-Mandrel Industries Inc.
Hallamore Electronics Co.
Hallent Mfg. Co.
Hammett Electric Co.
Harco Labs., Inc.
Hoover Electronics Co.
Industrial Wiring & Cable Co.
Infernational Electric Industries, Inc.
\*KAHN & CO., INC.
\*KAHN & CO., INC.
Lenkurt Electric Co., Inc.
Lewis Engrg. Co., The
Lytle Engrg. & Mfg. Co.
Miljan Div., Paul Omohundro Co.
Minneapolis-Honeywell Regulator Co., Aeronautical Div.
Missile Engrg. Products, Inc.
Mutron Gorp.
\*NORMANDY ELECTRIC WIRE CORP.
Organic Development Corp., Spectra-Strip Div.
Pacific Automation Products, Inc.
Packard Electric Div.-General Motors Corp.
Precision Tube Co., Inc.
Resdel Engrg. Corp.
John A. Roeblings Sons Corp.
Rowe Industries
Royal Electric Corp.
Schaffer Air Industries, Inc.
Sealectric Switch & Relay Corp.
Sequoia Wire Co.
Southwestern Industrial Electronics Co.
Surprenant Mfg. Co.
Ieletronic Labs., Inc.
Ierminal Radio Corp.
Tri-Dex Co.
Twix Mfg. Co., Inc.
Uniwave, Inc.
Wastern International Co.
Western International Co.
Western International Co.
Western International Co. Warren Wire Co. Westbury Electronics Inc. Western International Co. Westronics Inc. Westwood Cable Corp. Wheeler Electronic Corp., Sub.-Sperry Rand Wheeler Electronic Corp., S Corp., Wickfield, Inc. Wilmar Mfg. Co., Inc. Winder Aircraft Corp. of Fla. Wire Co. of America, Inc. Zippertubing Co., The

#### Assemblies, Mechanical

Assemblies, Mechanical
Aerolite Electronics Corp.
Aeronautical & Instrument Div., RobertshawFulton Controls Co.
All American Aircraft Products, Inc.
Anchor Specialty Mfg. Co. Inc.
Arens Controls, Inc.
Associated Co. Inc.
Beiden Mfg. Co.
Bergen Wire Rope Co.
Ditmore-Freimuth Corp.
Dynamic Gear Co., Inc.
Food Machinery & Chemical Corp., Ordnance
Div.
Greenleaf Mfg. Co., The, Div.-Mandrel Industries
Inc. Oreenleaf Mfg. Co., The, Div.-Mandrel Inc.
Hallamore Electronics Co.
Industrial Wiring & Cable Co.
International Electric Industries, Inc.
La Pointe Industries Inc.
Mutron Corp.
Reid Metal Products, Inc.
John A. Roeblings Sons Corp.
Southwest Products Co.
Technical Oil Tool Corp.
Teleflex Inc.
Teletronic Labs., Inc.
Terminal Radio Corp.
Uniwave, Inc.
Westbury Electronics Inc.
Wickfield, Inc.
Winder Aircraft Corp. of Fla.

#### Bonding

Aeronautical & Instrument Div., Robertshaw-Fulton Controls Co.
Alpha Wire Corp.
Alpha Wire Corp.
American Electric Cable Co.
Berkshire Electric Cable Co.
Dittmore-Freimuth Corp.
Hallett Mig. Co.
International Electric Industries, Inc.
Miljan Div., Paul Omohundro Co.
New England Electrical Works, Inc.
Organic Development Corp.
Packard Electric Div.-General Motors Corp.
Terminal Radio Corp.
Twix Mig. Co., Inc.
Westwood Cable Corp.
Winder Aircraft Corp. of Fla.

#### Disconnects

Aeronautical & Instrument Div., Robertshaw-Fulton Controls Co.

\*Alden Products Co.

\*AMERICAN MACHINE & FOUNDRY CO.
Beckman & Whitley, Inc., Missile Products Div.
Belden Mrg. Co.
Coaxial Connector Co. Inc.
Consolidated Wire & Associated Companies
Elco Corp.
Food Machinery & Chemical Corp., Ordnance
Div.
Hallamore Electronics Co.
Hallett Mrg. Co.
International Electric Industries, Inc.
Pyle-National Co., The
Scintilla Div. Bendix Aviation Corp.
Sealectric Switch & Relay Corp.
Terminal Radio Corp.
Western International Co.
Winder Aircraft Corp. of Fla.

#### Electric

Electric

Aeronautical & Instrument Div., Robertshaw-Fulton Controls Co.
Alpha Wire Corp.,
Aluminum Co., of America
American Electric Cable Co.,
American Insulated Wire Corp.
American Super Temperature Wires Inc.
Ansonia Wire & Cable Co., The
Barker Sales Co.
Belden Mfg. Co.
Berkshire Electric Cable Co.
Birnbach Radio Co., Inc.
Boston Insulated Wire & Cable Co.
William Brand & Co., Inc.
Chester Cable Corp.
Consolidated Wire & Associated Companies
Copperweld Steel Co., Wire & Cable Div.
Electric Parts Corp.
Essex Wire Corp.
First Electronics Corp.
First Electronics Corp.
Hallamore Electronics Co.
Hallett Mfg. Co.
Hitemp Wires, Inc.
Lewis Engrg. Co., The
Mohawk Wire & Cable Corp.
Mohawk Wire & Cable Corp.
Wordand North Corp.
Pacific Automation Products, Inc.
Packard Electric Div.-General Motors Corp.
Rev Corp., The
Rockard Electric Div.-General Motors Corp.
Rev Corp., The Co.
Surprenant Mfg. Co.
Surprenant Mfg. Co.
Surprenant Mfg. Co.
Lerminal Radio Corp.
Times Wire & Cable Corp.
Warren Wire Co.
Warren Wire Co.
Warren Wire Co.
Warren Wire Co.
Western Insulated Wire Co.
Western Co., of America, Inc.
Zippertubing Co., The

#### Flat Woven

Aeronautical & Instrument Div., Robertshaw-Fulton Controls Co.
Alpha Wire Corp.
American Electric Cable Co.
Belden Mfg. Co.
Berkshire Electric Cable Co.
Cambridge Wire Cloth Co., The
General Cable Corp.
National Standard Co.
New England Electrical Works, Inc.
Pacific Automation Products, Inc.
Pacific Automation Products, Inc.
Pacific Automation Products, Inc.
Pacific Automation Over Corp.
John A. Roeblings Sons Corp.
Jerminal Radio Corp.
Westwood Cable Corp.
Winder Aircraft Corp. of Fla.

#### Guards

Aeronautical & Instrument Div., Robertshaw-Fulton Controls Co. Illumitronic Engra. Co. Terminal Radio Corp. Winder Aircraft Corp. of Fla.

#### Guillotines

Aeronautical & Instrument Div., Robertshaw-Fulton Controls Co.
Coaxial Connector Co. Inc.
\*COOPER DEVELOPMENT CORP.
McCormick Selph Associates
Propellex Chemical Corp.
Talco Engrag, Co. The
Jechnical Oil Tool Corp.
Jerninal Radio Corp.
Winder Aircraft Corp. of Fla.

#### Hangars

Aeronautical & Instrument Div., Robertshaw-Fulton Controls Co. Dakota Engrg., Inc. Prodelin Inc. Terminal Radio Corp. Wells Industries Corp. Winder Aircraft Corp. of Fla.

#### Markers

Acromark Co., The
Aeronautical & Instrument Div., RobertshawFulfon Controls Co.
Alpha Wire Corp.
Associated Co., Inc.
William Brand & Co., Inc.
Roovers-Lotson Corp.
Teletronic Lebs., Inc.
Terminal Radio Corp.
Winder Aircraft Corp. of Fla.
Zippertubing Co., The

#### Mechanical

Associated Co., Inc.
Bergen Wire Rope Co.
Boston Insulated Wire & Cable Co.
Chester Cable Corp.
Consolidated Wire & Associated Companies
Hackensack Cable Corp.
John A. Roeblings Sons Corp.
Teleflex Inc.
Terminal Radio Corp.
Wells Industries Corp.
Winder Aircraft Corp. of Fla.

#### Shielded

Aeronautical & Instrument Div., Roberishaw-Fulton Controls Co.
Alden Products Co.
Alden Products Co.
Alpha Wire Corp.
American Electric Cable Co.
American Super Temperature
Ansonia Wire & Cable Co., The
Belden Mig. Co.
Berkshire Electric Cable Co.
Birnbach Radio Co., Inc.
William Brand & Co., Inc.
Co-Operaive Industries, Inc.
Electric Auto-Life Co., The
Essex Wire Corp.
General Cable Corp.
Hallert Mig. Co.
Letting Wires, Co., Letting Co., The
Millian Div. Paul Omohundro Co.
Mohawk Wir. & Cable Corp.
Okonite Co., The
Organic Development Corp., Spectra-Strip Div.
Pacific Automation Products, Inc.
Prodelin Inc.
Rex Corp., The
John A. Roeblings Sons Coro.
Rome Cable Corp.
Sequoia Wire Co.
Surprenant Mig. Co.
Ierminal Radio Corp.
Sequoia Wire Co.
Surprenant Mig. Co.
Ierminal Radio Corp.
Western International Co.
Zippertubing Co., The

#### Splicers

AMP Inc.
Aeronautical & Instrument Div., Robertshaw-Fulton Controls Co.
Blonder-Tongue Labs., Inc.
Dittmore-Freimuth Corp.
Magnetic Shield Div.-Perfection Mica Co.
Terminal Radio Corp.
Winder Aircraft Corp. of Fla.

#### Tensioners

Consolidated Wire & Associated Companies Phelps Dodge Copper Products Corp. Prodelin Inc. Terminal Radio Corp. Winder Aurcraft Corp. of Fla.

#### Transmission Lines

Transmission Lines

Aeronautical & Instrument Div., Roberishaw-Fulton Controls Co.
Aluminum Co. of America
American Electric Cable Co.
American Super Temperature Wires Inc.
Andrew Corp.
Andrew Corp.
Bedrahire Electric Cable Co.
Bedrahire Electric Cable Co.
Birnback Radio Co., Inc.
William Bradio Co., Inc.
Chester Conductor Corp.
Chester Corp.
Electric Line Corp.
Lefte Corp.
L

John A. Roeblings Sons Corp.
Rome Cable Corp.
Royal Electric Corp.
Sequoja Wire Co.
Technical Appliance Corp.
Terminal Radio Corp.
Times Wire & Cable Co., Inc.
Uniwave, Inc.
Western International Co.
Westwood Cable Corp.
Winder Aircraft Corp. of Fla.

Wire

Aeronautical & Instrument Div., Robertshaw-Fulion Controls Co.

Alpha Wire Corp.

Aluminum Co. of America
American Insulated Wire Corp.
American Insulated Wire Corp.
American Super Temperature Wires Inc.
Ansonia Wire & Cable Co., The
Belden Mig. Co.
Berkshire Electric Cable Co.
Birnbach Radio Co., Inc.
Boston Insulated Wire & Cable Co.
William Brand & Co., Inc.
Chester Cable Corp.
Consolidated Radio Products Co.
Electric Auto-Lite Co., The, Wire & Cable Div.
Electric Auto-Lite Co., The, Wire & Cable Div.
Electric Parts Corp.
Essex Wire Corp.
First Electronics Corp., The
General Cable Corp.
Hackensack Cable Corp.
Herkensack Cable Corp.
Lewis Engra, Co., The
Micro-Wire Tungsten & Molybdenum Products
New England Electrical Works, Inc.
\*NORMANDY ELECTRIC WIRE CORP.
Organic Development Corp., Spectra-Strip Div.
Pacific Automation Products, Inc.
Pacific Automation Products, Inc.
Plastoid Corp.
Rex Corp., The
John A. Roeblings Sons Corp.
Rey Corp., The Corp.
Sequoid Wire Co.
Surprenant Mig. Co.
Surprenant Mig. Co.
Thermax Wire Corp.
Times Wire & Cable Corp.
Warren Wire Co.
Warren Wire Co.
Warren Wire Co.
Warren Wire Co.
Westwood Cable Corp.
Winder Aircraft Corp. of Fla.
Wire Co. of America, Inc.

#### CAMERA MOUNTS

CAMERA MOUNTS

Abrams Instrument Corp.
Aeroflex Coro., The, Aeroflex Labs. Div.
\*\*AMERICAN MACHINE & FOUNDRY CO.
Associated Co., Inc.
Benson-Lehner Corp.
Cameraflex Corp.
G. M. Dykes Iron Works, Inc.
J. W. Fecker, Inc., Sub.—American Optical Co.
G. W. Galloway Co.
Goodyear Aircraft Corp.
Graflex, Inc.
Hallamore Electronics Co.
Houston Fearless Corp.
Huber Industries, Inc.
Mast Development Co., Inc.
J. A. Maurer, Inc.
Optomechanisms Inc.
Philoc Corp., Government & Industrial Divs.
Reeves Instrument Corp.
Robinson Aviation, Inc.
Skiairon Electronics & Television Corp.
Telectro Industries Corp.
Twix Mfg. Co., Inc.
United Mfg. Co., Inc.
WashINGTON ALUMNUM Co., INC.
WashINGTON ALUMNUM Co., INC.
WashinGTON ALUMNUM Co., Optomer Aircraft Corp.
Twinder Aircraft Corp. of Fla.

#### CANS, HERMETICALLY SEALED

CANS, HERMETICALLY SEALED

American Brass Co., The
Applied Design Co.
Champion Co., The
Conco Engrg. Works
Electrical Industries, Div.-Philips Electronics, Inc.
Electronic Techniques, Inc.
Great Eastern Metal Products Co.
Ludwig Honold Mfg. Co.
Kelsey-Hayes Co.
Modglin Co. Inc.
Philico Corp., Government & Industrial Divs.
\*\*RHEEM MFG. Co., AIRCRAFT DIV.
Sealectric Switch & Relay Corp.
Seamless Products Co., Inc.
Southwestern Industrial Electronics Co.
Telectro Industries Corp.
Wells Industries Corp.
Zero Mfg. Co.

#### CARBIDES

Bergen Carbide Co. Firth Sterling Inc. Walter J. Hyatt Co., The Kennametal Inc.

#### CASES, INSTRUMENT & METER

Asrodex, Inc.
Applied Design Co.
Continental Diamond Fibre Corp., Sub.—The
Budd Co.
C. R. Daniels, Inc.
Falstrom Co.
Fischer & Porter Co.
Hammett Electric Co.
Jobel-Aerosmith, Inc.
\*KAHN & Co., INC.
Minneapolis-Honeywell Regulator Co., Aeronautical Div.
Muckle Mig. Co.
Multi-Amp Corp.
Olympic Plastics Co., Inc.
Peterson & Neville Inc.
Regal Plastic Co.
Stydyne Inc. Regal Plastic Co.
Skydyne Inc.
TA Mfg. Corp.
Telectro Industries Corp.
C. W. Turk Corp.
United Mfg. Co., The
Waldom Electronics Inc.
Warren Mfg. Div., Warren Brothers Roads Co.
\*WASHINGTON ALUMINUM CO., INC.

#### CASES, PORTABLE

Aerodex, Inc.

\*AMERICAN MACHINE & FOUNDRY CO.
Calcor Corp., Aircraft Div.
Continental Diamond Fibre Corp., Sub.—The
Budd Co.

\*COOPER DEVELOPMENT CORP.

\*CRAIG SYSTEMS, INC.
C. R. Daniels, Inc.
Ludwig Honold Mfg. Co.
Houston Fearless Corp.
Minneapolis-Honeywell Regulator Co., Aeronautical Div.
Muckle Mfg. Co.
Multi-Amp Corp.
Olympic Plastics Co., Inc.
Regal Plastic Co.
Schaffer Air Industries, Inc.
Skydyne Inc.
TA Mfg. Corp.
Telectro Industries Corp.
Thompson Products, Inc.
C. W. Turk Corp.
United Mfg. Cop., The
Warren Mfg. Div., Warren Brothers Roads Co.

\*WASHINGTON ALUMINUM CO., INC.

#### CASES, TUBES

Aluminum Co. of America American Car & Foundry Div., ACF Industries, American Car & Foundry Div., ACF I Inc. Skydyne Inc. TA Mfg. Corp. United Mfg. Co., The \*WASHINGTON ALUMINUM CO., INC.

#### **CASTERS**

Albion Industries, Inc.
Albert H. Cayne Equipment Corp.
Champion Airquipment Inc.
Fairbanks Co., The
Faullless Caster Corp.
Walter J. Hyath Co., The
Stewart-Warner Corp.
United Mig. Co., The
United Supply Co.

#### CATAPULTS

Basic Tool Industries, Inc.
E. W. Bliss Co.
Clark-Aiken Co., The
Kaiser Aircraft & Electronics Div.-Kaiser
Industries Corp.
Lukens Steel Co.
Macks Trucks, Inc., Govt, Div.
McCormick Selph Associates
Nuclear Products-Erco, Div.-ACF Industries, Inc.
Opelika Welding, Machine, & Supply Inc.
Pacific Cast Engrg, Co.
Pitman M.G.
Propellex Chemical Corp.
Reaction Motors, Inc.
Sancor Corp.
Stanley Avietion Corp.
Thieblot Avietion Corp.
Thieblot Avietion Corp.
Thieblot Avietion Co., The
\*WASTINGTON ALUMINUM CO., INC.
Washington Technological Associates Inc.
Wells Industries Corp.

#### CEMENT, WOOD

Dannis Chemical Co. Lebec Chemical Corp.

#### CHAINS

G. M. Dykes Iron Works, Inc. Sierra Engrg. Co. Transue & Williams Steel Forging Corp.

#### CHAMBERS, IONIZATION

Hamilton Watch Co., Military Products Div. Pacific Coast Engrg. Co. Radiation Counter Labs., Inc. Telectro Industries Corp. Warren Mfg. Div., Warren Brothers Roads Co.

#### CHAMBERS, SHIELDED SCREEN

Hamilton Watch Co., Military Products D'v. Modglin Co., Inc. Solar Aircraft Co. Telectro Industries Corp.

#### CHAMBERS, TEMPERATURE & HUMIDITY

HUMIDITY

Aireco, Inc.

American Electronics, Inc.

American Electronics, Inc.

Audio Control

Audio

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#### CHAMBERS, TEST

CHAMBERS, TEST

\*AC SPARK PLUG DIV., GENERAL MOTOR CORP.
ACF Industries, Inc., Advanced Products Div.
Aireco, Inc.
Associated Testing Labs., Inc.
Auto-Control Labs., Inc.
Cincinnali Sub Zero Products
J. P. DeVine Mig. Co.
Environmental Equipment Co.
G. W. Galloway Co.
Greenbrier Instruments Inc.
Guardite Co., Div. of American-Marietta Co.
Ideal-Aerosmith, Inc.
International Aerocoustics Corp.
\*KAHN & CO., INC.
Murphy & Miller Inc.
NRC Equipment Corp.
Pacific Coast Engrg. Co.
Resdel Engrg. Corp.
Telectro Industries Corp.
Warren Mig. Div., Warren Brothers Roads Co.
Western Arc Welding, Inc.

#### CHARGERS, BATTERY

CHARGERS, BATTERY

Automatic Switch Co.
Christie Electric Corp.
Joe Davidson & Associates
General Electric Co., Apparatus Sales Div.
General Nuclear Corp.
General Railway Signal
General Railway
General Railway
General Railway
Mig. Co.
Harther Electric Co.
Multi-Amp Corp.
Mothersearch Co.
Multi-Amp Corp.
North Electric Co.
D. W. Onan & Sons Inc.
Precision Apparatus Co., Inc.
Schauer Mig. Corp.
Sun Electric Corp.
Telectric Corp.
Telectric Industries Corp.
Telkor, Inc.
Westinghouse Electric Corp.
Winder Aircraft Corp. of Fla.

#### CIRCUITS, PLUG-IN

AC SPARK PLUG DIV., GENERAL MOTOR CORP.
Alden Products Co.
Autonetics, Div. North American Aviation, Inc.
BJ Electronics, Borg. Warner Corp.
Cleveland Metal Specialties Co.
Dunlap Electronics, Inc.
Dwyer Engrg. Co., Inc.
Eaton Electronics Corp.
Electronics Corp.
Electronics Corp.
Electronics Corp.
Electronics Corp.
Electronics Corp.
General Railway Signal Co.
International Electric Industries, Inc.
International Research Associates
La Pointe Industries Inc.
Lytle Engrg. & Mfg. Co.
Motorola Inc., Military Marketing Div.
NYT Electronics, Inc.
Onondaga Pottery Co., Electronics Div.
Orbitran Co., Inc. \*AC SPARK PLUG DIV., GENERAL MOTOR CORP.

Precision Circuits, Inc.
Printed Electronics Corp.
Reeves Instrument Corp.
Sylvania Electronic Systems, Div. Sylvania Electronic The Mrg. Corp.
TA Mrg. Corp.
Topper Mrg. Co., Inc.
Walkirt Co.

#### **CLAMPS**

Abalon Precision Mfg. Corp.
Aeroquip Corp.
American Brass Co., The
Dumont Aircreft Fitting Co.
Hallett Mfg. Co.
Holub Industries, Inc.
Hunter Spring Co.
Walter J. Hyatt Co., The
Walter K. Jaros, Aircrafters
Joclin Mfg. Co.
Kickhaefer Mfg. Co.
National Utilities Corp.
Specialty Products Corp.
TA Mfg. Corp.
Winder Aircraft Corp. of Fla.

#### Conduit

Jonduit

Aluminum Co. of America
Dumont Aircraft Fitting Co.
Hallett Mfg. Co.
Hollub Industries, Inc.
Walter J. Hyatt Co., The
Walter J. Jaros, Aircrafters
Joclin Mfg. Co.
Kickhaefer Mfg. Co.
Rattan Mfg. Co., The
Servicair Co.
Skytronics
TA Mfg. Corp.
Titeflex, Inc.
Winder Aircraft Corp. of Fla.

#### Ground

Blaco Mfg. Co.
D. S. D. Mfg. Co., The
Dumont Aircraft Fitting Co.
Joclin Mfg. Co.,
Rattan Mfg. Co., The
TA Mfg. Corp.
Titeflex, Inc.
Wells Industries Corp. of Fla.

#### Harness

Birnbach Radio Co., Inc.
Burndy Corp., Omaton Div.
Capewell Mfg. Co.
Hallett Mfg. Co.
Hollub Industries, Inc.
Walter J. Hyath Co., The
Walter K. Jaros, Aircrafters
Joclin Mfg. Co.
Kickhaefer Mfg. Co.
Servicair Co.
Setvitair Co. Servicair Co.
Skytronics
TA Mfg. Corp.
Titleflex, Inc.
United Supply Co.
United-Carr Fastener Corp.
Weckesser Co.
Winder Aircraft Corp. of Fla.

#### Hose

Aeroquip Corp.
Aeroquip Corp.
Devilbiss Co., The
Dumont Aircraft Fitting Co.
Walter J. Hyatt Co., The
Walter K. Jaros, Aircrafters
Joclin Mfg. Co.
Marman Div., Aeroquip Corp.
Specialty Products Corp.
TA Mfg. Corp.
Titeflex. Inc.
United Supply Co.
United Supply Co.
United Supply Co.
Winder Aircraft Corp. of Fla.

#### Mechanical Cable

Aerolite Electronics Corp.
Burndy Corp., Omaton Div.
Holyb Industries, Inc.
Walter K. Jaros, Aircrafters
Kickhaefer Mfg. Co.
Kulka Electric Corp.
Wells Industries Corp.
Winder Aircraft Corp. of Fla.

#### CLEANERS, CONTACT

Caig Laboratories
Cobehn, Inc.
Curliss-Wright
Products Div.
Fine Organics, Inc.
General Railway Signal Co.
London Chemical Co., Inc.
McKenna Labs.
Merix Chemical Co.
John B. Moore Corp.
Penetone Co., The
Superex Electronics Corp.
Turco Products, Inc.

#### CLIPS, BATTERY

Aerolite Electronics Corp.
Birnbach Radio Co., Inc.
Hammett Electric Co.
Heldor Mig. Co., Inc.
Keystone Electronics Corp.
Mueller Electric Co.
Sittler Corp.
Telectro Industries Corp.
United Supply Co.
Western International Co.
Winder Aircraft Corp. of Fla.

#### CLIPS, MECHANICAL CABLE

Birnbach Radio Co., Inc.
Heldor Mig. Co., Inc.
Kickhaefer Mig. Co.
Progressive Research & Development Co., Inc.
Reliable Spring & Wire Forms Co., The
TA Mig. Corp.
Telectro Industries Corp.
Winder Aircraft Corp. of Fla.

#### CLOTHS, GRILL

Cambridge Wire Cloth Co., The Flock Process Co. Inc. Telectro Industries Corp. Wagner Awning & Mfg. Co., The

#### CLOTHS, SPEAKER GRILLE

Flock Process Co. Inc. Peerless Products Industries Telectro Industries Corp. Wagner Awning & Mfg. Co., The

#### CLUTCHES, MOTOR & GENERATOR

American Electronics, Inc. American Flexible Coupling Div., Zurn Industries, American Flexible Coupling Div., Zurn Industries, Inc.,
Analogue Controls Inc.,
Analogue Controls Inc.,
Bogue Electric Mfg. Co.
Cutler-Hammer Inc.
Digitronics Corp.,
Electronics Dept., Hamilton Standard Div.,
United Aircraft Corp.
Exact Engrg. & Mfg. Inc.
General Railway Signal Co.
Globe Industries, Inc.
\*GRAPHITE METALLIZING CORP.
Hoover Electric Co.
La Pointe Industries Inc.
\*MISSILE COMPONENTS GROUP, ELECTRO-SNAP
SWITCH & MFG. CO.
Overload Control Co.
Reeves Instrument Corp.
Robot Appliances Inc.
Servomechanisms, Inc., Mechatrol Div.
Sier-Bath Gear & Pump Co., Inc.
Talley Corp., The
Telectro Industries Corp.
Varo Mfg. Co.
\*VICKERS INC., MARINE & ORDNANCE DEPT.,
MACHINERY HYDRAULICS DIV.
Wacline, Inc.

#### CODE & TAB MARKERS

W. H. Brady Co. Roovers-Lotson Corp. Westline Products Div., Western Lithograph Co.

#### COIL DOPE

Avondale Co., The Caddell-Burns Mfg. Co. Inc. Dennis Chemical Co. General Railway Signal Co.

#### COIL FORMS

Asociated American Winding Co., Inc. Caddell-Burns Mfg. Co. Inc. Continental Diamond Fibre Corp., Sub.—The Caddell-Burns Mrg. Co. Inc.
Continental Diamond Fibre
Budd Co.
Corning Glass Works
Diamonite Products Mfg. Co.
Emerson Plastics Corp.
Garde Mfg. Co.
Franklin Fibre-Lamitex Corp.
General Railway Signal Co.
Hamilton Watch Co., Military Products Div.
Hydro Molding Co. Inc.
Isolantite Mfg. Corp.
Molding Corp. of America
National Coil Co.
North Hills Electric Co., Inc.
Peerless Products Industries
Resdel Corp.
Rowe Industries
Sealectric Switch & Relay Corp.
Sinclair Mfg. Co.
D. M. Steward Mfg. Co.
Superex Electronics Corp.

#### COIL WINDING MACHINES

Asociated American Winding Co., Inc. Cedar Engrg. Div.-Control Data Corp. Coil Winding Equipment Co. Cosa Corp. Electric Auto-Lite Co., The Patterson, Moos Div.-Universal Winding Co., Inc.

#### COILS, HEATING

Acme Electric Heating Co.
Advanced Electronics, Inc.
Associated American Winding Co., Inc.
Bell & Gossett Co.
Cutler-Hammer Inc.
Wilbur B. Driver Co.
\*JANITROL AIRCRAFT DIV.-SURFACE COMBUSTION CORP.
J. J. Monaghan Co., Inc.
Precision, Inc.
\*RYAN INDUSTRIES
Telectro Industries Corp.

#### COILS, SPEAKER

Aerolite Electronics Corp.
Asociated American Winding Co., Inc.
Electronic Transformer Co., Inc.
Feiler Engrg. & Mfg. Co.
Magnavox Co., The
J. J. Monaghan Co., Inc.
Telectro Industries Corp.
Waldom Electronics Inc.
Wright Zimmerman, Inc.

#### COMMUNICATIONS SYSTEMS, COMMERCIAL

COMMERCIAL

Amelco, Inc.
American Printed Circuits Co., Inc.
Alfred W. Barber Labs.
Bliss Electronic Corp.
Brubaker Electronics, Inc., Sub.-Telecomputing
Corp.
Corp.
Centronix Inc.
Communications Co.
Executone, Inc.
Felier Engrg. & Mfg. Co.
General Railway Signal Co.
Hallamore Electronics Co.
International Research Associates
Lenkurt Electric Co., Inc.
Motorola Inc., Military Marketing Div.
North Electric Co., Inc.
Northeast Electronics Corp.
Philco Corp., Government & Industrial Divs.
Prodelin Inc.
Resdel Engrg. Corp.
Skiafron Electronics & Television Corp.
Stromberg-Carlson, Electronics Div.
Talk-A-Phone Co.
Telectro Industries Corp.
Terminal Radio Corp.
Varo Mfg. Co.
Victor Electric Wire & Cable Corp.
Western Electro-Acoustic Lab.
COMMUNICATIONS SYSTEMS.

#### COMMUNICATIONS SYSTEMS, INTERCOM

INTERCOM

American Research & Mfg. Corp.
Bliss Electronic Corp.
Centronix Inc.
Dwyer Engrg. Co., Inc.
Elm Mfg. Co. Inc.
Executione, Inc.
General Electric Co., Missile & Ordnance
Systems Dept. (Pa.)
Hallamore Electronics Co.,
Motorola Inc., Military Marketing Div.
North Electric Co., Missile & Ordnance
Steptonics Mfg. Corp.
Motorola Inc., Military Marketing Div.
North Electric Co.
Northeast Electronics Corp.
Philco Corp., Government & Industrial Divs.
Seeburg Corp., The
Skiatron Electronics & Television Corp.
Stromberg-Carlson, Electronics Div.
Talk-A-Phone Co.
Telectro Industries Corp.
Terminal Radio Corp.
Victor Electric Wire & Cable Corp.
Western Electro-Acoustic Lab.

#### COMPOUNDS, CLEANING

Asbum Spark Plug Co., Inc. Avondale Co., The George Basch Co., The Calcor Corp., Aircraft Div. Solar Aircraft Co. Turco Products, Inc. Wye Industries

#### COMPRESSORS, AIR

COMPRESSORS, AIR

Accessory Controls & Equipment Corp.
Air Logistics Corp.
Air Products, Inc.
American Brake Shoe Co.
Calcor Corp., Aircraft Div.
Cardox Corp.
Capper-Bessener Corp., The
\*CORNELUS CO., THE
Devilbiss Co., The
\*EASTERN INDUSTRIES, INC.
Eaton Mfg. Co., Inc., Fredric Flader Div.
Gardner-Denver Co.
\*EASTERN TOUSTRIES, INC.
Gardner-Denver Co.
\*Systems Dept. (Pa.)
General Electric Co., Missile & Ordnance
Systems Dept. (Pa.)
Gray Co., Inc., Fredric Flader Div.
Haskell Engrg. & Supply Co.
Joy Mfg. Co.
\*KAHN & CO., INC.

Walter Kidde & Co., Inc., Aviation Div. Walter Kidde & Co., Inc., Aviation Div. Lear, Inc., Nash Engrg. Co., The Pennsylvania Pump & Compressor Co. Quincy Compressor Co. Solar Aircraft Co., Stratos, Div.-Fairchild Engine & Airplane Corp. Superior Pneumatic & Mfg., Inc. Thompson Products, Inc. United Mfg. Co. Div., The W. L. Maxson Corp. Wayne Pump Co., The \*\*WESTINGHOUSE AIR BRAKE CO., INDUST. PRODUCTS DIV.

#### COMPRESSOR ASSEMBLIES, MOBILE

ACCESSORY CONTROLS & Equipment Corp.
Air Logistics Corp.
Air Logistics Corp.
Air Logistics Corp.
Air Corp.
Air Logistics Corp.
Air Logistics Corp.
American Brake Shoe Co.
Cal-Air Brake Shoe Co.
Cal-Air Conditioning Co.
Cardox Corp.
Cooper Development Corp.
\*COOPER DEVELOPMENT CORP.
\*CORNELIUS Co., THE
Devilbiss Co., The
Bevilbiss Co., The
Bevilbiss Co., The
Mather Kidde & Co., Inc., Aviation Div.
Minneapolis-Honeywell Regulator Co., Aeronautical Div
Steams-Roger Mfg. Co.
Thompson Products, Inc.
Twix Mfg. Co., Inc.,
Wells Industries Corp.

#### CONDUITS, ELECTRIC

Aluminum Co. of America
American Brass Co., American Metal Hose Div.
Continental Diamond Fibre Corp., Sub.—The
Budd Co.
Flexaust Co., The
Flexible Metal Hose Mfg. Co.
General Cable Corp.
Hallett Mfg. Co.
Rome Cable Corp.
Zippertubing Co., The

#### CONNECTORS, HIGH VOLTAGE

CONNECTORS, HIGH VOLT

Aerolite Electronics Corp.
Airwork Corp.
Aiden Products Co.
\*ANTON ELECTRONIC LABS. INC.
Auburn Spark Plug Co., Inc.
Avnet Corp.
Burndy Corp., Omaton Div.
Cal-Ohn Labs. Inc.
Cannon Electric Co.
Coaxial Connector Co. Inc.
Dejur-Amsco Corp.
R. C. Dudek & Co.
Elco Corp.
Garde Mfg. Co.
General R-F. Fittings, Inc.
Hammert Electric Co.
OHObson Brothers Inc.
E. F. Johnson Co.
Joy Mfg. Co.
Molding Corp. of America
Scintilla Div., Bendix Aviation Corp.
Servicair Co.
Telectro Industries Corp.
U.S. Component Inc.
Western International Co.
Winchester Electronics, Inc.

#### CONNECTORS, MICROPHONE

Aerolite Electronics Corp.
Birnbach Radio Co., Inc.
Burndy Corp., Omaton Div.
Cal-Ohm Labs., Inc.,
Cannon Electric Co.
Coaxial Connector Co. Inc.,
Connector Corp.,
Dialight Corp.,
Elco Corp.,
Elco Corp.,
Elco Corp.,
Birnbard R.-F. Fittings, Inc.,
Howard B. Jones Div.-Cinch Mfg. Corp.,
Richards Electrocraft, Inc.,
Telectro Industries Corp.,
Victor Electric Wire & Cable Corp.,
Western International Co.

#### CONNECTORS, POWER

Airwork Corp.

\*AITON ELECTRONIC LABS., INC.

\*AUTOMATIC & PRECISION MFG. CO.

Avent Corp., Omaton Div.
Cal-Ohm Labs., Inc.
Cannon Electric Co.
Coaxial Connector Co. Inc.
Dejur-Amsco Corp.
Elco Corp.
Elco Corp.
Elco Corp.
Garde Mfg. Co.
General R-F Fittings, Inc.
Jodin Mfg. Co.
Howard B. Jones Div.-Cinch Mfg. Corp.

Vulka Electric Corp.

\*HAROLD H. POWELL CO.
Pyle-National Co., The
Royal Electric Corp.

Scintilla Div., Bendix Aviation Corp. Titeflex, Inc.
U.S. Component Inc.
Western International Co.
Winchester Electronics, Inc.

#### CONNECTORS, SKID AND SLED

Burndy Corp., Omaton Div. Cannon Electric Co. Capewell Mfg. Co. Eleo Corp. General R-F Fittings, Inc. Thompson Products, Inc. Winchester Electronics, Inc.

#### CONSOLES, AUDIO

American Electronics, Inc.

\*AMERICAN MACHINE & FOUNDRY CO.

Anflab Inc.

Basic Tool Industries, Inc.

Calcor Corp., Aircraft Div.

Dunlap Electronics, Inc.

Electromation Co.

Falstrom Co.

General Electric Co., Missile & Ordnance

Systems Dept. (Pa.)

General Railway Signal Co.

Kinevox-Hallen

Lane Electronics Mfg. Corp.

Motorola Inc., Military Marketing Div.

Peterson & Neville Inc.

Skiafron Electronics & Television Corp.

Telectro Industries Corp.

\*UNITED AIRCRAFT PRODUCTS, INC.

#### CONSOLES, LIGHTING CONTROL

\*AMERICAN MACHINE & FOUNDRY CO.
American Research & Mig. Corp.
Calcor Corp., Aircraft Div.
Falstrom Co.
General Electric Co., Missile & Ordnance
Systems Dept. (Pa.)
General Railway Signal Co.
Kilgen Aircraft Div.-The Kilgen Organ Co.
Peterson & Neville Inc.
Schaffer Air Industries, Inc.
Telectro Industries Corp.

#### CONTAINERS

Liquified Gas, Liquid Helium, Liquid Hydrogen, Liquid Oxygen \*HOFMAN LABS., INC.

#### CONTROLLERS, REMOTE SOUND

General Electric Co., Missile & Ordnance Systems Dept. (Pa.) Telectro Industries Corp. Varo Mfg. Co.

#### CONTROLS

Air Speed Tool Co.
Barton Instrument Corp.
Cutter-Hammer Inc.
Daven Co., The
\*GARRETT CORP., THE, AIRESEARCH MFG. DIVS.
General Electric Co., Missile & Ordnance
Systems Dept. (Pa.)
\*A. W. HAYDON CO., THE
Industrial Electronic Engineers
\*KAHN & CO., INC.
Lane Electronics Mfg. Corp.
Librascope Inc.
Skiatron Electronics & Television Corp.
Skiatron Electronics & Television Corp.
Stromberg-Carlson, Electronics Div.
\*VICKERS INC., MARINE & ORDNANCE DEPT.,
MACHINERY HYDRAULICS DIV.

#### Register Cutter

Clark-Aiken Co., The Electric Eye Equipment Co. Infercontinental Dynamics Corp. Skiatron Electronics & Television Corp.

#### Sound System

Air Logistics Corp.
Hallamore Electronics Co.
Lane Electronics Mfg. Corp.
P. R. Mallory & Co. Inc.
J. A. Maurer, Inc.
Motorola Inc., Military Marketing Div.
North Electric Co.
Telectro Industries Corp.
Victor Electric Wic

#### Specific Gravity

Brooks Rotameter Co. CDC Control Services, Inc. Fischer & Porter Co. Hagan Chemicals & Controls, Inc. Hallikainen Instruments Liquidometer Corp., The Nuclear Corp. of America, Inc.

#### Ventilating Control System

Cal-Air Conditioning Co.

Cutler-Hammer Inc.
Henry G. Diatz Co., Inc., The
Fenwal Inc.
\*\*GARREIT CORP., THE
Minneapolis-Honeywell
nautical Div.
Scientific Instrument Co.
Southwestern Industrial Electronics Co.
Thompson Products, Inc.
Vap-Air Div., Vapor Heeting Corp.

#### Volume

Volume

Air Spaed Tool Co.
Carleton Avietion Co., Inc.
Daven Co., The
Dunlap Electronics, Inc.
P. R. Mallory & Co., Inc.
Simmonds Aerocessories, Inc.
Southwestern Industrial Electronics Co.
Stromberg-Carlson, Electronics Div.
Telectro Industries Corp.
\*VICKERS INC., MARINE & ORDNANCE DEPT.,
MACHINERY HYDRAULICS DIV.

#### Volume & Tone

Daven Co., The
Dunlap Electronics, Inc.
P. R. Mallory & Co. Inc.
Southwestern Industrial Electronics Co.
Stromberg-Carlson, Electronics Div.
Telectro Industries Corp.

#### Weight

Redgini

Baldwin-Lima-Hamilton Corp., Electronics & Instrumentation Divs.
CDC Control Services, Inc.
Dynametrics Corp.
Gilmore Industries Inc.
Hoover Electronics Co.
Industrial Electronic Engineers
Telectro Industries Corp.

#### Welding

Air Reduction Sales Co., Div.-Air Reduction Co., Inc.
Eisler Engrg. Co., Inc.
General Electric Co., Apparatus Sales Div.
\*KAHN & CO., INC.
Modglin Co., Inc.
Taylor-Winfield Corp., The
Vacuum Tube Products Co. Inc.

#### **CONVEYORS**

American Conveyor Co.
\*AMERICAN MACHINE & FOUNDRY CO.
Basic Tool Industries, Inc.
Chain Belt Co.
Cleveland Crane & Engrg. Co., The
G. M. Dykes Iron Works, Inc.
Fairfield Engrg. Co., The
Food Mechinery & Chemical Corp., Ordnance
Div. Div.
Hewith Robins, Inc.
Joy Mfg. Co.
Magline Inc.
R. C. Mahon Co., The
Modglin Co. Inc.
Sage Equipment Co. Inc.
Steams.Roger Mfg. Co.
A. T. Stevens Co.
Warren Mfg. Div., Warren Brothers Roads Co.

#### COOKERS, ELECTRONIC

Telectro Industries Corp.

#### CORDS

Americen Super-Temperature Wires, Inc. Belden Mfg. Co. International Electric Industries, Inc. Telectro Industries Corp. Victor Electric Wire & Cable Corp.

#### Attachment

Accurate Insulated Wire Corp.
American Super-Temperature Wires, Inc.
Belden Mfg. Co.
International Electric Industries, Inc.
Royal Electric Corp.
Telectric Industries Corp.
Victor Electric Wire & Cable Corp.

#### Dial

Gudebrod Bros. Silk Co., Inc. International Electric Industries, Inc. New England Electrical Works, Inc. Telectro Industries Corp.

#### Dial Cords & Cables

Alpha Wire Corp. Birnbach Redio Co., Inc. Gudebrod Bros. Silk Co., Inc. New England Electrical Works, Inc. Rex Corp., The

#### Lacing

Acting
Alpha Wire Corp.
Belden Mfg. Co.
Belden Mfg. Co.
Brinbach Radio Co., Inc.
Calumbia Rope Co.
Calumbia Rope Co.
C. R. Daniels, Inc.
Gudebrad Bros. Silk Co., Inc.
International Electric Industries, Inc.
Organic Development Corp., Spectra-Strip Div.
Security Parachute Co.
Waldom Electronics Inc.

Accurate Insulated Wire Corp.
Alden Systems Co.
Alpha Wire Corp.
Belden Mg. Co.
Birmbach Radio Co., Inc.
International Electric Industries, Inc.
Royal Electric Corp.
Telectro Industries Corp.
Victor Electric Wire & Cable Corp.

#### Line Resistance

American Electric Cable Co. Birnbach Radio Co., Inc. Victor Electric Wire & Cable Corp.

#### COUPLINGS

Accurate Electronics Corp., Dept. D
Aeroquip Corp.
Amatom Electronic Hardware Co. Inc.
Anchor Coupling Co. Inc.
Arkwin Industries, Inc.
Bridgwater Machine Co.
\*BUCKEYE IRON & BRASS WORKS
Chain Belt Co.
\*COOPER DEVELOPMENT CORP.
Dial Products Co.
Dodge Mfg. Corp.
Dumont Aircraft Fitting Co.
Heurercaft Corp.
Generel Components Inc.
Harman Equipment Co.
Harman Equipment Co.
Hewith-Robins, Inc.
\*JANITROL AIRCRAFT DIV.SURFACE COMBUSTION CORP.
Herrick L. Johnston, Inc.
Koppers Co., Inc.
Lovejoy Flexible Coupling Co.
Metron Instrument Co.
National Utilities Corp.
Ozone Metal Products Corp.
Ozone Metal Products Corp.
Pic Design Corp., Sub-Benrus Watch Co., Inc.
Philadelphia Gear Works, Inc.
Peeu-Hydro Valve Corp.
Pyles Industries, Inc.
Resistoflex Corp.
Sterabeth Gear & Pump Co., Inc.
Sapecially Products Corp.
Stratoflex, Inc.
Turbo Products, Inc.
Turbo Products, Inc.
Turbo Products, Inc.
\*WICKERS INC.
MARINE & ORDNANCE DEPT.
MACHINERY HYDRAULICS DIV.
Weatherhead Co., The
E. B. Wiggins Oil Tool Co. Inc.

#### Quick disconnect \*HOFMAN LABS., INC.

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Alad Aluminum Ladder Corp.
Austin-Western, Construction Equip. Div.Baldwin-Lima-Hamilton Corp.
Albert H. Cayne Equipment Corp.
Chisholm-Moore Hoist Div., Columbus McKinnon.
Chain Corp. Chisholm-Moore Hoist Div., Columbus McKinnon Chain Corp.
Cleveland Crane & Engrg. Co., The Coles Cranes, Inc.
Conco Engrg. Works
Detroit Hoist & Machine Co.
Food Machinery & Chemical Corp., Ordnance Div.
R. C. Mahon Co., The
McDowell Co. Inc.
Modglin Co. Inc.
Modglin Co. Inc.
Pacific Coast Engrg. Co.
Pitman Mfg. Co.
Stearns-Roger Mfg. Co.
\*VICKERS INC., MARINE & ORDNANCE DEPT.,
MACHINERY HYDRAULICS DIV.

#### CRYSTAL

Bulova Watch Co., Electronics Div. Eidson Electronic Co. Hunt Corp., The James Knights Co., The Midlend Mfg. Co., Inc. August E. Miller Laboratories Monitor Products Co.

Premier Research Laboratories, Inc. Reeves-Hoffman Div. United States Dynamics Corp.

Clark Crystal Co.
P. R., Hoffman Co.
James Knights Co., The
McCoy Electronics Co.
August E., Miller Laboratories
Monitor Products Co.
Premier Research Laboratories, Inc.
Reeves-Hoffman Div.
United States Dynamics Corp.
Wright Electronics Inc.

#### Growing Equipment

Herrick L. Johnston, Inc. Lindberg Engrg. Co. NRC Equipment Corp. United States Dynamics Corp. Veeco Vacuum Corp.

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Cox & Co., Inc.
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Elm Mfg. Co. Inc.
James Knights Co., The
Monitor Products Co.
Premier Research Laboratories, Inc.
Reeves-Hoffman Div.
Techniques, Inc.
United States Dynamics Corp.

Aeronautical & Instrument Div., Robertshaw-Fulton Controls Co.
Biliey Electric Co.
Bulow Watch Co., Electronics Div.
Clark Crystal Co.
Cox & Co., Inc.
J. P. DeVine Mfg. Co.
Elm Mfg. Co. Inc.
Hunt Corp., The
Herrick L. Johnston, Inc.
Jemes Knights Co., The
Lavoie Labs., Inc.,
Manson Laboratories, Inc.
McCoy Electronics Co.
Midland Mfg. Co., Inc.
August E. Miller Laboratories
Monitor Products Co.
Premier Research Laboratories, Inc.
Reeves-Hoffman Div.
United Stales Dynamics Corp.
Wright Electronics Inc.

#### Refining Equipment

Bulova Wetch Co., Electronics Div. Lindberg Engrg. Co. United States Dynamics Corp.

#### CRYSTALS, COMMUNICATIONS

CRYSTALS, COMMUNICATIC
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Clark Crystal Co.
Edison Electronic Co.
Hammett Electric Co.
Hunt Corp., The
Hycon Eastern Inc.
International Crystal Mfg. Co. Inc.
James Knights Co., The
Lenkurt Electric Co., Inc.
McCoy Electronics Co.
Midland Mfg. Co., Inc.
August E. Miller Laboratories
Monitor Products Co.
Motorola Inc., Military Marketing Div.
Premier Research Laboratories, Inc.
Reeves-Hoffman Div.
Terminal Radio Corp.
Wright Electronics Inc.

#### CRYSTALS, RAW

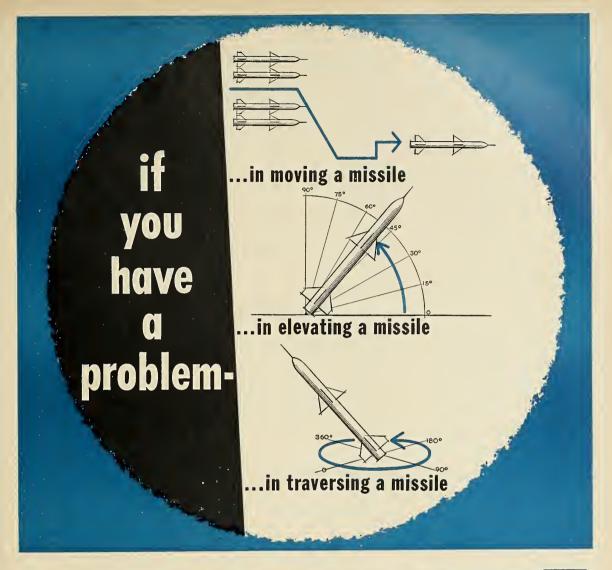
Delta Chemical Works, Inc.
Diamond Drill Carbon Co., The
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Philoo Corp., Government & Industrial Divs.
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Kelsey-Hayes Co.
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\*WESTINGHOUSE AIR BRAKE CO., INDUST.
PRODUCTS DIV.

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Wells Industries Corp.

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\*VICKERS INC., MARINE & ORDNANCE DEPT.,

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Robbins Aviation, Inc.
Telectro Industries Corp.
Universal Dynamics Corp.
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Green Rectifier Co.
Hammett Electric Co.
Ideal Industries, Inc.
Indiana Steel Products Co., Inc.
Kinevox-Hallen
Librascope Inc.
Southwestern Industrial Electronics Co.
Strata Instrument Co.
Telectro Industries Corp.

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Atlantic Research Corp.
Beckman & Whitley, Inc., Missile Products Div.
Hamilton Watch Co., Military Products Div.
McCormick Selph Associates
Patterson, Moos Div.-Universal Winding Co., Inc.
Propellex Chemical Corp.
Talco Engrg. Co., The
Telectro Industries Corp.
Wickfield, Inc. Telectro Industries Corp,
Wickfield, Inc.
Winchester-West. Div.-Olin Mathieson Chem.
Corp.

#### **DETECTION SYSTEMS**

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Atlantic Research Corp.
Eastman Kodek Co.
Thomas A. Edison Ind., Instrument Div,—
McGraw-Edison Co.

Electron-Radar Products
Electronics Dept., Hamilton Standard Div.,
United Aircraft Corp.
Hallamore Electronics Co.
\*KAHN & CO., INC.
Walter Kidde & Co., Inc., Aviation Div.
\*MISSILE COMPONENTS GROUP, ELECTRO-SNAP
SWITCH & MFG. CO.
Moisture Register Co.
Optomechanisms Inc.,
Patterson, Moos Div.-Universal Winding Co., Inc.,
Patterson, Moos Div.-Universal Winding Co., Inc.,
Perkin-Elmer Corp.
Philco Corp., Government & Industrial Divs.
Radiation Counter Labs., Inc.,
Republic Aviation Corp., Guided Missiles Div.
Ryan Aeronautical Co.
Skiatron Electronics & Television Corp.
Standard Armament Inc.
Stanley Aviation Corp.
Svlvania Electronic Systems, Div.-Sylvania Electric
Products Inc.
Lectro Industries Corp.
Ultradyne, Inc.

DETECTIONS EVEN OSINE CAS

#### DETECTORS, EXPLOSIVE GAS

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General Electric Co., Apparatus Sales Div.
General Scientific Equipment Co.
Johnson-Williams, Inc.
Mine Safety Appliances Co.
Patterson, Moos Div. Universal Winding Co., Inc.
Telectro Industries Corp.

#### DETECTORS, FIRE

Eastman Kodak Co.
Thomas A. Edison Ind., Instrument Div.—
McGraw-Edison Co.
Electron-Rodar Products
Fenwal Inc.
Hoffman Electronics Corp., Semiconductor Div.
Walter Kidde & Co., Inc., Aviation Div.
Patterson, Moos Div. Universal Winding Co., Inc.
Philo Corp., Government & Industrial Divs.
Telectro Industries Corp.
Vap-Air Div., Vapor Heating Corp.

#### DETECTORS, SMOKE

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General Electric Co., Apparatus Sales Div.
General Scientific Equipment Co.
Hoffman Electronics Corp., Semiconductor Div.
Walter Kidde & Co., Inc., Aviation Div.

#### DEVELOPERS, CHEMICAL

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Eastman Kodak Co.
General Electric Co., Apparatus Sales Div.
Merix Chemical Co.
Peerless Photo Products Inc.

#### DISCHARGE EQUIPMENT, LOW **TEMPERATURE**

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General Electric Co., Missile & Ordnance Systems Dept. (Pa.)
Scintilla Div., Bendix Aviation Corp.
Telectro Industries Corp.
Thompson Products, Inc.
Western International Co.

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Aircraft Standards, Inc.
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American Car & Foundry Div., ACF
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Associated Co., Inc.
Basic Tool Industries, Inc.
Calcor Corp., Aircraft Div.
Champion Airquipment Inc.
Champion Co., The
C. B. Christiansen Co.
Clark Equipment Co.
ZCOOPER DEVELOPMENT CORP.
Craig Systems, Inc.
Cromer Mig. & Engrg., Inc.
Cromer Mig. & Engrg., Inc.
Cromer Mig. & Engrg., Inc.
Econoweld Corp.
Fairbanks Co., The
Four Wheel Drive Auto Co., The
FRUEHAUT TRAILER CO.
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Goodyear Aicraft Corp.
Gremco, Inc.
Ludwig Honold Mfg. Co.
Walter J. Hyath Co., The
Herrick L. Johnston, Inc.
Kaiser Steel Corp., Fabricating Div.
Merz Engrg., Inc.

Muckle Mfg. Co.
Nuclear Products-Erco, Div.—ACF Industries, Inc.
Opelika Welding, Machine, & Supply Inc.
Pactic Coast Engrg. Co.
Pesco Products Div.—Borg-Warner Corp.
Philips & Davies Inc.
\*REGENT JACK MFG. CO., INC.
\*RESEARCH & ADVANCED DEVELOPMENT DIV.,
AVCO MFG. CORP.
ROCKetdyne Div., North American Aviation, Inc.
\*RYAN INDUSTRIES

KTAN INDUSTRIES
Schaffer Air Industries, Inc.
Schaffer Air Industries, Inc.
Seamless Products Co., Inc.
Technical Service Corp.
Thieblot Advation Co., Div.-Vitro Corp. of

Thieblot Aviation Co., Div. virio Corp. C. America
\*\*RRAILMOBILE INC.
Twix Mfg, Co., Inc.
United Mfg, Co., The
Warren Mfg, Div., Warren Brothers Roads Co.
Washington Technological Associates Inc.
Wheland Co., The
Wickfield, Inc.
Wickes Engrg. & Construction Co. Inc.

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Affiliated Screw Products Co.
Aircraft Standards, Inc.
Allmetal Screw Products Co., Inc.
Bland Burner Co., The
Danly Machine Specialties, Inc.
Emerson Plastics Corp.
\*\*HARTFORD MACHINE SCREW CO., DIV.—
STANDARD SCREW CO.
Size Control Co.
Warren Mfg. Div., Warren Brothers Roads Co.

#### DRAFTING EQUIPMENT

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#### DRAFTING PAPER

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#### DRILL PRESSES, PRECISION

Black & Decker Mfg. Co., The Wales Strippit Co., Unit of Houdaille Industries,

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\*VICKERS INC., MARINE & ORDNANCE DEPT., MACHINERY HYDRAULICS DIV.

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Electro-Tech Equipment Co.
Herrick L. Johnston, Inc.
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Norion Co.

Miskella Infra-Red Co., The
Norton Co.
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Iechniques, Inc.
Ielectro Industries Corp.
Vulcan Electric Co., Div.-Consolidated Electric
Lamp Co. Inc.
Waage Electric, Inc.
P. Wall Mfg. Co.
\*WESTINGHOUSE ELECTRIC CORP.

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Electrofilm, Inc.
Elm Mfg. Co. Inc.
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Telectro Industries Corp.

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Automatic Switch Co.
CDC Control Services, Inc.
Calcor Corp., Aircraft Div.
GARRETT CORP., THE,
DIVS.
Gremco, Inc.
\*HARTMAN ELECTRICAL MFG. CO., THE
\*KAHN & CO., INC.
McCormick Selph Asociates
Minneapolis-Honeywell Regulator Co., Aeronautical Div.
Propellex Chemical Corp.
Vickers Inc., Div.-Sperry Rand
Wells Industries Corp.

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ENVIRONMENTAL CHAMBERS

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Associated Testing Labs., Inc.

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Environmental Equipment Co.

G. W. Galloway Co.
Guardite Co., Div. of American-Marietta Co.

Hallamore Electronics Co.

Haskell Engrg. & Supply Co.
International Aerocoustics Corp.
Herrick L. Johnston, Inc.

Kaiser Aircraft & Electronics Div.-Kaiser Industries
Corp.

Marquardt Aircraft Co.
Minneapolis-Honeywell Regulator Co., AeroMarker & Miller Inc.

Murph & Miller Inc.

Murph & Miller Inc.

Standard Cabinet Corp.

\*RYAN INDUSTRIES

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Standard Cabinet Co.

Telectro Industries Corp.

Tenney Engrg., Inc.

Trop-Arctic, Inc.

Warren Mig. Div., Warren Brothers Roads Co.

Washington Technological Associates Inc.

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EXHAUST ASSEMBLIES

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Eaton Mfg. Co., Inc., Fredric Flader Div. Flexaust Co., The General Sound Control, Inc. International Aerocoustics Corp. Kaiser Aircraft & Electronics Div. Kaiser Industries Corp. Kelsey-Hayes Co. Henry & Miller Industries, Inc. Modglin Co. Inc. Presed Steel, Div.-Dana Corp. Penn-Michigan Mfg. Corp. Portland Copper & Tank Works Inc. Ryan Aeronautical Co. Stainless Steel Products, Inc. Thieblot Aviation Co., Div.-Vitro Corp. of America Co. Wright Aeronautical Div., Warren Brothers Roads Co. Wright Aeronautical Div., Curtiss-Wright Corp.

#### EXHAUST CONES, GAS TURBINE ENGINE

ACF Industries, Inc., Advanced Products Div. Basic Tool Industries, Inc. Bridgwater Machine Co. \*COMMERCIAL SHEARING & STAMPING CO. \*COMMERCIAL SHEARING CO. \*COMMERCIAL SHEARING CO. \*COMMERCIAL SHEARING CO. \*Commental Diamond Fibre Corp., Sub.—The \*COMMERCIAL SHEARING & STAMPING CO.
Continental Diamond Fibre Corp., Sub.—The
Budd Co.,
\*EIVERSEY ENGRG. CO.
Eaton Mfg. Co., Inc., Fredric Flader Div.
Emerson Plastics Corp.
Ludwig Honold Mfg. Co.
Kaiser Aircraft & Electronics Div.-Kaiser Industries
Corp. Ludwig Honold Mig. Co.,
Kaiser Aircraft & Electronics Div.-Kaiser Industries
Corp.
Kelsey-Hayes Co.
\*LYCOMING DIV., AYCO MFG. CORP.
Henry & Miller Industries, Inc.
Modglin Co. Inc.
Penn-Michigan Mig. Corp.
\*PHOENIX PRODUCTS CO.
Portland Copper & Tank Works Inc.
Quick Charge Corp.
Ryen Aeronautical Co.
Silicone Insulation, Inc.
Smith-Morris Corp.
Solar Aircraft Co.
Thieblot Aviation Co., Div.-Vitro Corp. of
America
C. W. TORNGEN CO., INC.
\*UNITED AIRCRAFT PRODUCTS, INC.
Warren Mig. Div., Warren Brothers Roads Co.
\*WESTINGHOUSE ELECTRIC CORP.
Wright Aeronautical Div., Curtiss-Wright Corp.

#### **EXHAUST DUCTS**

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Associated Co., Inc. Basic Tool Industries, Inc. Cal-Air Conditioning Co. Cromer Mfg. & Engrg. Inc. Eaton Mfg. Co., Inc., Fredric Flader Div. Flexaust Co., The Ludwig Honold Mfg. Co. Kaiser Aircraft & Electronics Div.-Kaiser Industries Corp. Ludwig Honold Mig. Co.
Kaiser Aircraft & Electronics Div.-Kaiser Industries
Corp.
Kelsey-Hayes Co.
Modglin Co. Inc.
Parish Pressed Steel, Div.-Dana Corp.
Pegn-Michigan Mig. Corp.
Pegn-Michigan Mig. Corp.
Portland Copper & Tank Works Inc.
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Shaw Metal Products Corp.
Silicone Insulation, Inc.
Smith-Morris Corp.
Solar Aircraft Co.
Stainless Steel Products, Inc.
Thieblot Aviation Co., Div.-Vitro Corp. of
America
Thompson Products, Inc.
Titellex, Inc.
Titellex, Inc.
\*C. W. TORNICREN CO. INC.
\*C. W. TORNICREN CO. INC.
Warren Mig. Div., Warren Brothers Roads Co.

#### EXHAUST HEAT EXCHANGERS

ACF Industries, Inc., Advanced Products Div.
Arrowhead Products, Div.—Federal-Mogul-Bower
Bearings, Inc.
Cromer Mfg. & Engrg., Inc.
Emerson Plastics Corp.
\*GARREIT CORP., THE, AIRESEARCH MFG. DIVS.
Griscom-Russell Co. The
\*JANITROL AIRCRAFT DIV.—SURFACE COMBUSTION CORP.
Kaiser Aircraft & Electronics Div.-Kaiser Industries
Corp. Keiser Aircraft & Electronics Divisions Corp.
Corp.
Kelsey-Hayes Co.
Moddlin Co. Inc.
Ryan Aeronautical Co.
Smith-Morris Corp.
Solar Aircraft Co.
Thieblot Aviation Co., Div.-Vitro Corp. of

America \*UNITED AIRCRAFT PRODUCTS, INC.

#### **EXHAUST MUFFS**

Allied Witan Co, Inc.
Associated Co, Inc.
Associated Co, Inc.
Continental Diamond Fibre Corp., Sub.—The
Budd Co.
Eaton Mfg. Co., Inc., Fredric Flader Div.
Fram Corp.
General Sound Control, Inc.
Hastings Plastics Inc.
Kaiser Aircraft & Electronics Div.-Kaiser Industries Corp. dustries Corp.
Kelsey-Hayes Co.
Modglin Co. Inc.
Opelika Welding, Machine, & Supply Inc.
Opelika Welding, Corp.
Portland Copper & Tank Works Inc.
Ryan Aeronautical Co.
Smith-Morris Corp.
Stainless Steel Products, Inc.
Thieblot Aviation Co., Div.-Vitro Corp. of
America America Warren Mfg. Div., Warren Brothers Roads Co.

#### FILTERS

Aero Supply Mfg. Co., Inc.
Aircraft Porous Media, Inc.
Aircraft Porous Media, Inc.
Amplex Div.-Chrysler Corp.
Automatic Switch Co.
Bendix Aviation Corp., Skinner-Poroloy Div.
Collins Engrg. Corp.
Commercial Filters Corp.
Commercial Filters Corp.
Commercial Filters Corp.
Commercial Filting Co.
Electronic Transformer Co., Inc.
Fram Corp.
Fram Corp.
Futurecraft Corp.
Harman Equipment Co.
\*KAHN & CO., INC.
Michigan Wire Cloth Co.
Permanent Filter Corp.
Pneu-Hydro Valve Corp.
Pneu-Hydro Valve Corp.
Poroloy Equipment, Inc.
Milton Roy Co.
St. Marys Carbon Co.
William W. Stenley Co. Inc.
Superior Pneumatic & Mfg., Inc.
Telectro Industries Corp.
Wells Industries Corp.
Wells Industries Corp.
Wels Industries Corp.
Western Felt Works
\*\*WESTINCHOUSE AIR BRAKE CO., INDUST.
PRODUCTS DIV.
Winder Aircraft Corp. of Fla.

Accessory Controls & Equipment Corp.
Acro Supply Mfg. Co., Inc.
Acro Supply Mfg. Co., Inc.
Acro Supply Mfg. Co., Inc.
Air Filter Corp.
Air Filter Corp.
Allied Witan Co. Inc.
Amplex Div.-Chyeler Corp.
Automatic Switch Co.
Bendix Avaiton Corp., Skinner-Poroloy Div.
Briggs Filtration Co., The
Cardox Corp.
Commercial Filters Corp.
Coppus Engrg. Corp., The
Dumont Aircraft Fitting Co.
Flock Process Co. Inc.
Fram Corp.
Full recreated Corp.
General Cable Corp.
General Cable Corp.
KGRER HYDRAULICS, INC.
Harman Equipment Co.
\*KAHN & CO., INC.
Koehler Aircraft Products Co., Inc.
Michigan Wire Cloth Co.
J. J. Moneghan Co., Inc.
Permanent Filter Corp.
Permanent Filter Corp.
Peneu-Hydro Valve Corp.
Poroloy Equipment, Inc.
Research Products Corp.
Robbins Aviation, Inc.
Milton Roy Co.
St. Marys Carbon Co.
William W. Stanley Co. Inc.
Turbo Products, Inc.
Wells Industries Corp.
\*WESTINGHOUSE AIR BRAKE CO., INDUST.
PRODUCTS DIV.
Winder Aircraft Corp. of Fla.

#### Fuel and Oil

Fuel and Oil

Aero Supply Mfg. Co., Inc.
Aeroproducts Operations, Allison Div., General Motors Corp.
Air-Mage Corp.
Air-Mage Corp.
Air-Mage Corp.
Amplex Div.-Chrysler Corp.
Bendix Aviation Corp., Skinner-Poroloy Div.
Briggs Filtration Co., The
Commercial Filters Corp.
Cuno Engrg. Corp., The
Dumont Aircraft Fitting Co.
Fram Corp.
General Cable Corp.
General Filters, Inc.
\*GREER HYDRAULUS, INC.
Harman Equipment Co.
Hastings Plastics Inc.
Walter J. Hyatt Co., The
Imperial Brass Mfg. Co., The
Herrick L. Johnston, Inc.
\*KAHN & Co., INC.
\*KAHN & Co., INC.
Kaehler Aircraft Products Co., Inc.
Marvel Engrg. Co.
O'Con Metal Products Corp.
Permanent Filter Corp.
Preu-Hydro Valve Corp.
Preu-H

Hydraulic

Aero Supply Mfg. Co., Inc.
Aircraft Porous Media, Inc.
Air-Maze Corp.,
Auto-Control Labs., Inc.
Bendix Aviation Corp., Skinner-Poroloy Div.
Briggs Filtration Co., The
Commercial Filters Corp.
Cuno Engrg. Corp., The
Dumont Aircraft Filting Co.
Futurecraft Corp.
General Cable Corp.
General Filters, Inc.
\*GREER HYDRAULICS, INC.
Harman Equipment Co. \*GREER HYDRAULICS, INC.
Harman Equipment Co.
Hastings Plastics Inc.
Walter J. Hyatt Co., The
Marvel Engrg. Co.
Ozone Metal Products Corp.
Permanent Filter Corp.
Poroloy Equipment, Inc.
Sun Electric Corp.
Thompson Products, Inc.
\*UNITED AIRCRAFT PRODUCTS, INC.
\*VICKERS INC. MARINE & ORDNANCE DEPT.,
MACHINERY HYDRAULICS DIV.
Wils Industries Corp.
Winder Aircraft Corp. of Fla.
Winslow Aerofilter Corp.

#### Mechanical

Aero Supply Mfg. Co., Inc. Aircraft Porous Media, Inc.

Air-Maze Corp.
Bendix Aviation Corp., Skinner-Poroloy Div.
Briggs Filtration Co., The
Cardox Corp.
Cuno Engrg. Corp., The
Dumont Aircraft Fifting Co.
Generel Ceble Corp.
Harman Equipment Co.
\*KAHN & CO., INC.
Mervel Engrg. Co.
Poroloy Equipment, Inc.
Robbins Aviation, Inc.
Wells Industries Corp.
Winder Aircraft Corp. of Fla.

#### Radio Range

Airborne Accessories Corp.
Air-Maze Corp.
Air-Maze Corp.
Burnell & Co., Inc.
Canoga Corp. of California
Electronic Transformer Co., Inc.
McCoy Electronics Co.
Motorola Inc., Military Marketing Div.
National Coil Co., The
Ram Electronics Inc.
Saratona Industries Ram Electronics Inc.
Saratoga Industries
Telectro Industries Corp.
Tobe Deutschmann Corp.
United Transformer Corp.
Winder Aircraft Corp. of Fla.

#### Radio Tower Lighting

E. F. Johnson Co.
Kopp Glass, Inc.
Telectro Industries Corp.
Tobe Deutschmann Corp.
United Transformer Corp.
Winder Aircraft Corp. of Fla.
Wunderlich Radio Co.

#### FINDERS, RANGE

\*BAUSCH & LOMB OPTICAL CO. Buhl Optical Co. Cubic Corp. Davidson Mig. Co. Eastmen Kodak Co. Eastmen Rodak Co.
Graflex, Inc.
Hamilton Watch Co., Military Products Div.
\*\*HATWARD SCIENTIFIC GLASS CORP.
La Pointe Industries Inc.
J. A. Maurer, Inc.
Skiatron Electronics & Television Corp.
Telectro Industries Corp.
Wollensak Optical Co.

#### FINDERS, VIEW

FINDERS, VIEW
Aeroflex Corp., The, Aeroflex Labs. Div.
\*BAUSCH & LOMB OPTICAL CO.
Buhl Optical.
Devides Mig. Co.
Castrick, Inc.
Hamilton Watch Co., Military Products Div.
\*HATWARD SCIENTIFIC GLASS CORP.
La Pointe Industries Inc.
J. A. Maurer, Inc.
Telectro Industries Corp.
Wollensak Optical Co.

#### FIRE ALARM SYSTEMS

Thomas A. Edison Ind., Instrument Div.—Mc-Graw-Edison Co.
Fenwal Inc.
Globe Automatic Sprinkler Co., Walter Kidde & Co., Inc., Aviation Div.
Minneapolis-Honeywell Regulator Co., Aeronautical Div.
Patterson, Moos Div.-Universal Winding Co., Inc.
Piezo Products Co.
Propellex Chemical Corp.
Skiatron Electronics & Television Corp.
Telectro Industries Corp.
Vap-Air Div., Vapor Heating Corp.
Victor Electric Wire & Cable Corp.

#### FIRE DETECTORS

American La France Corp.
Atlantic Instrument Corp., Sub.—American Electronics, Inc.
Thomas A. Edison Ind., Instrument Div.—Mc-Graw-Edison Co.
Electron-Radar Products Electron-Radar Products
Fenwal Inc.
Globe Automatic Sprinkler Co.
Globe Automatic Sprinkler Co.
Hoffman Electronics Corp., Semiconductor Div.
Hoffman Electronics Co., Electronics Div.
Walter Kidde & Co., Inc., Aviation Div.
Minneapolis-Honeywell Regulator Co., Aeronautical Div.
Patterson, Moos Div.-Universal Winding Co., Inc.
Piezo Products Co.
Telectro Industries Corp.
Vap-Air Div., Vapor Heating Corp.
Wilcolator Co., The

#### FIRE EXTINGUISHING SYSTEMS

Akron Brass Mfg. Co., Inc.
Ansul Chemical Co.
Callery Chemical Co.
Cardox Corp.
Fenwal Inc.
Food Machinery & Chemical Corp., Ordnance Food Machinery & Chemical Corp., Ordnance Div.
General Fire Extinguisher Corp., The Globe Automatic Sprinklar Co.,
Walter Kidde & Co., Inc., Aviation Div.
National Foam System, Inc.
Petterson, Moos Div.-Universal Winding Co., Inc.
Propellex Chemical Corp.
N. L. Snyder & Son, Inc.

#### FIRE PROTECTION SYSTEMS

Akron Brass Mfg. Co., Inc. American La France Corp. Cardox Corp. Thomas A. Edison Ind., Instrument Div.—Mc-Thomas A. Edison Graw-Edison Co. Graw-Edison Co.
Fenwal Inc.
Food Machinery & Chemical Corp., Ordnance
Div.
Four Wheel Drive Auto Co., The
General Fire Extinguisher Corp., The
Globe Automatic Sprinkler Co.
Walter Kidde & Co., Inc., Aviation Div.
National Foam System, Inc.
Patterson, Moos Div.-Universal Winding Co., Inc.
M. L. Snyder & Son, Inc.

#### FIRE STANDS, MISSILE

ACF Industries, Inc., Advanced Products Div. Besic Tool Industries, Inc., Champion Airquipment Inc. Consolidated Diesel Electric Corp., Test Equip. Consolidated Diesel Electric Corp., 1est Equipolitics, 2019.

Div. M. Dykes Iron Works, Inc.
Dynametrics Corp.
Food Machinery & Chemical Corp., Ordnance Div.
G. W. Galloway Co.
Hallamore Electronics Co.
Kaiser Aircraft & Electronics Div.—Kaiser Industries, Corp.
Kaiser Steel Corp., Fabricating Div.
Luria Engrg. Co.
Nuclear Froducts-Erco, Div.—ACF Industries, Inc.
Parish Pressed Steel, Div.-Dana Corp.
Philips & Davies Inc.
United Mfg. Co., The
Warren Mfg. Div., Warren Brothers Roads Co.
\*WASHINGTON ALUMINUM CO., INC.
Washington Technological Associates Inc.
Wells Industries Corp.
Wheland Co., The

#### FIRING STAND ACCESSORIES

ACF Industries, Inc., Advanced Products Div. Consolidated Diesel Electric Corp., Test Equip.

DIV.
\*\*PIVERSEY ENGRG. CO.
G. M. Dykes Iron Works, Inc.
First Electronics Corp., The
Food Machinery & Chemical Corp., Ordnance \*\*Machinery & Chemical Corp., Ordnance Div.
Div.
Luria Engra. Co.
\*\*MISSILE COMPONENTS GROUP, ELECTRO-SNAP SWITCH & MFG. CO.
Nuclear Products-Erco, Div.-ACF Industries, Inc. Parish Pressed Steel, Div.-Dana Corp.
Stanley Aviation Corp.
Telectro Industries Corp.
United Mfg. Co., MARINE & ORDNANCE DEPT.,
MACHINERY HYDRAULICS DIV.
\*\*WASHINGTON ALUMINUM CO., INC.
Weshington Technological Associates Inc.
Wells Industries Corp.
Wheland Co., The
Wickes Engrg. & Construction Co. Inc.

#### FUEL HANDLING EQUIPMENT

ACE Industries, Inc., Advanced Products Div.
Acoustica Associates, Inc., Co., Inc.,
Aero Supply Mfg. Co., Inc.,
American Brass Co., American Metal Hose Div.
\*AMERICAN MACHINE & FOUNDRY CO.
\*BUCKEYE IRON & BRASS WORKS
Bufler Mfg. Co.,
Champion Airquipment Inc.,
Chiksan Co.,
Consolidated American Services, Inc.,
Consolidated Div.
Div.,
Consolidated Electrodynamics Corp., Test Equip.
Div.
\*COOPER DEVELOPMENT CORP.

Div.

\*COOPER DEVELOPMENT CORP.

Dynametrics Corp.

Food Machinery & Chemical Corp., Ordnance

Food Machinery & Chemical Corp., Ordnance Div.
Four Wheel Drive Auto Co., The
\*FRUEHAUF TRAILER CO.
G. W. Galloway Co.
\*GARRETT CORP., THE AIRESEARCH MFG. DIVS.
Harman Equipment Co.
Joclin Mfg. Co.
Herrick L. Johnston, Inc.
Kaiser Steel Corp., Fabricating Div.

Marquardt Aircraft Co.
Macks Trucks, Inc., Govt. Div.
A. Y. McDonald Mfg. Co.
National Airoil Burner Co.
Permanent Filter Corp.
Philips & Davies Inc.
Portland Copper & Tonk Works Inc.
Reaction Motors, Inc.
Steams-Roger Mfg. Co.
Vickers Inc., Div.-Sperry Rand
\*WASHINGTON ALUMINUM CO., INC.
Washington Technological Associates Inc.
Wells Industries Corp.
\*WESTINGHOUSE AIR BRAKE CO., INDUST.
PRODUCTS DIV.

#### **FURNACES**

FURNACES

Auto-Control Labs., Inc.
G. W. Galloway Co.
General Electric Co., Apparatus Sales Div.
Grieve-Hendry Co., Inc.
Guardite Co., Div. of American-Marietta Co.
C. I. Hayes, Inc.
A. F. Holden Co., The
K. H. Huppert Co.
\*JANITROL AIRCRAFT DIV.—SURFACE COMBUSTION CORP.
Herrick L. Johnston, Inc.
Leeds & Northrup Co.
Litton Engrg. Labs.
NRC Equipment Corp.
National Airoil Burner Co.
Papesch & Kolstad, Inc.
Selas Corp., of America
Sicbring Mfg. Co.
Warren Mfg. Div. Warren Brothers Roads Co.
\*WESTINGHOUSE ELECTRIC CORP.

#### GAS GENERATING DEVICES

Air Products, Inc., Beckman & Whitely, Inc., Missile Products Div. Beckman & Whitely, Inc., Missile Products Div. G. M. Dykes Iron Works, Inc. Eaton Mig. Co., Inc., Fredric Flader Div. Food Machinery & Chemical Corp., Ordnance Food Machinery & Chemical Corp., Ordnance Div.

\*GRAND CENTRAL ROCKET CO.

Guided Missile Div.-De Havilland Aircraft of Canada Ltd.

Canada Rocket Div.-Bervilland Aircraft of Canada Rocket Div.-Bustin Corp.

\*SLATION CORP.

Herrick L. Johnston, Inc.

McCorotic Selph Associates

McCorotic Selph Associates

McCorotic Co. Inc.

Olin Methicson Chemical Corp., High Energy Fuels Div.

Papesch & Kolstad, Inc.

Propellex Chemical Corp.

Reaction Motors, Inc.

Ryan Aeronautical Co.

Superior Air Products Co.

Talco Engrg. Co., The

Thompson Products, Inc.

Winchester-West, Div.—Olin Mathieson Chem.

Corp.

#### GASES, RARE

Air Products, Inc.
Air Reduction Sales Co., Div.-Air Reduction
Co., Inc.
Atlantic Instrument Corp., Sub.—American Elec-Ariante Instrument Corp., Sub.—Anterical Elec-tronics, Inc.
Globe Industries, Inc.
Puritan Compressed Gas Corp., Aviation Div.

#### GEAR ASSEMBLIES REDUCTION

GEAR ASSEMBLIES REDUCTION

Acme Gear Co., Inc.

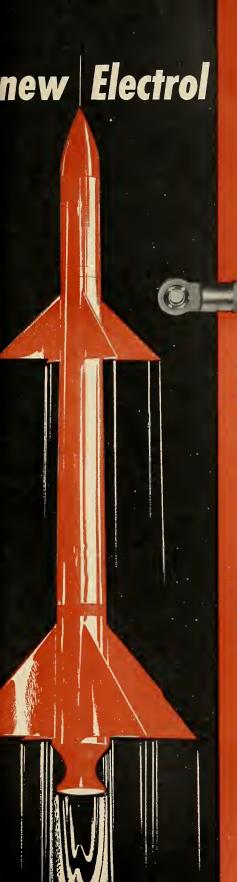
\*ADVANCE GEAR & MACHINE CORP.
Airborne Accessories Corp.

\*AMERICAN MACHINE & FOUNDRY CO.
American Welding & Mfg. Co., The
Antlab Inc.

Arch Gear Works Inc.
Atlantic Instrument Corp., Sub.—American Electronics, Inc.
Bowmar Instrument Corp.
Clark Equipment Co.

\*DALMO VICTOR CO., DIV.-TEXTRON INC.
Joe Davidson & Associates
Daystrom Instrument Div., Daystrom, Inc.
Thomas A. Edison Ind., Instrument Div.—McGrawEdison Co.
Exact Engrg. & Mfg. Inc.
Foote Brothers Gear & Machine Corp.
Geartronics Corp.
Grant Gear Works, Inc.
Greenleaf Mfg. Co., The, Div.-Mandrel Industries
Inc.
Hewith-Robins Inc.

Greenleaf Mfg. Co., The, Div.-Mandrel Industries Inc.
Hewitt-Robins, Inc.
Hoover Electric Co.
Hupp Aviation Co.
Instru-Lec Corp.
Kelsey-Hayes Co.
Librascope Inc.
\*LYCOMING DIV., AYCO MFG. CORP.
Macks Trucks, Inc., Govt. Div.
J. A. Maurer, Inc.
Mechanical Div.-General Mills, Inc.
O & M Machine Co., Inc.
Pic Design Corp., Sub-Benrus Watch Co., Inc.
Philadelphia Gear
Rae Motor Corp.



# HYDRAULIC ACTUATORS for missile applications



## Specifications for a Typical Electrol Missile Actuator — Model SK-684

Type Hydraulic; double	acting, cushioned at both ends.
Operating pressure	
Power output	9,430 lbs.
Ambient temperature range	65° to +275° f.
Cylinder bore	2.25"
Cylinder bore	1,25"
Cylinder stroke	6.25"
Length (overall)	31.37"
Diameter	3.25"
Mounting	Clevis type
Weight	

deliver
a power
output
of many
tons

Better Designed Products Use
Electrol Hydraulics and Pneumatics



VALVES • ACTUATORS • POWER CYLINDERS
HAND PUMPS • FOWERPAKS • ACCUMULATORS
LANDING GEAR and SPECIAL EQUIPMENT

Reeves Appliances Inc.
Robot Appliances Inc.
Sesco Mig., Inc.
Sier-Bath Gear & Pump Co., Inc.
Sundstrand Turbo Div., Sundstrand Machine Tool Talley Corp. The Technical Oil Tool Corp. Thompson Products, Inc. \*U. S. GEAR CORP. Vinco Corp. \*WESTINGHOUSE ELECTRIC CORP.
Zagora Gears, Inc.

#### GEARS, POWDERED METAL

Amplex Div-Chrysler Corp.
Eaton Mfg. Co.
Globe Industries, Inc.
Keyson Corp.
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#### GEARS, PRECISION

GEARS, PRECISION

Acme Gear Co., Inc.

\*AC SPARK PLUG DIV., GENERAL MOTOR CORP.

\*ADVANCE GEAR & MACHINE CORP.

Allied Plastics Supply Corp.

\*AMERICAN MACHINE & FOUNDRY CO.

Arch Gear Works Inc.

Altantic Instrument Corp., Sub.—American Electronics, Inc., Autonetics, Div.-North American Aviation, Inc.

Bergen Carbide Co.

Bowmar Instrument Corp.

Camdale Corp.

Clark Equipment Co.

DALMO VICTOR CO., DIV.-TEXTRON INC.

Daystrom Instrument Div., Daystrom, Inc.

Thomas A. Edison Ind., Instrument Div.—Mc
Graw-Edison Co.

Exact Engrg. & Mfg., Inc. Thomas A, Edison Ind., Instrument Div.—Mc-Graw-Edison Co.
Exact Engrg. & Mfg. Inc.
J. W. Fecker, Inc., Sub.—American Optical Co.
Foote Brothers Gear & Machine Corp.
General Controls Co.
General Railway Signal Co.
Globe Industries, Inc.
Grant Gear Works, Inc.
Greenleaf Mfg. Co., The, Div.-Mandrel Industries Inc.
Hupp Aviation Co.
Instru-Lec Corp.
Invo Spline, Inc.
Kelsey-Hayes Co.
H. Koch & Sons
\*\*LANEZZI MACHINE WORKS
Librascope Inc.

H. Noch & Sons
\*\*LAYEZI MACHINE WORKS
Librascope Inc.
Licon & Spiroid Divs., Illinois Tool Works
Link Aviation, Inc.
\*\*LYCOMING DIV., AVCO MFG. CORP.
Lyndon Aircraft, Inc.
J. A. Maurer, Inc.
Mechanical Div.-General Mills, Inc.
Pic Design Corp., Sub.—Benrus Watch Co., Inc.
Philadelphia Gear Works, Inc.
Reeves Instrument Corp.
Research Development Mfg. Inc.
Servomechanisms, Inc. Mechatrol Div.
Sheffield Corp., The, Sub.—Bendix Aviation Corp.
Sier-Bath Gear & Pumb Co., Inc.
Steams-Roger Mfg. Co.
Herman D. Steel Co.,
Sundstrand Aviation, Div.-Sundstrand Machine
Tool Co.
Sundstrand Turbo Div., Sundstrand Machine Tool
Talley Corp. The

Co.
Talley Corp., The
Technical Oil Tool Tr.
Thompson Products, Inc.
\*U. S. GEAR CORP.
Vinco Corp.
Waldom Electronics Inc.
\*WESTINGHOUSE ELECTRIC CORP.
Wunderlich Radio Co.
Zagora Gears, Inc.

#### GEARS, RADIO AND INSTRUMENT

Acme Gear Co., Inc. Arch Gear Works Inc. Atlantic Instrument Corp., Sub.—American Electronics, Inc. Bowmar Instrument Corp. Camdale Corp.

Camdale Corp.

\*\*PALMO VICTOR CO., DIV.-TEXTRON INC.

\*\*Daystrom Instrument Div., Daystrom, Inc.

\*\*Thomas A. Edison Ind., Instrument Div.—Mc
\*\*Erack Engrg & Mfg. Inc.

\*\*Geartronics Corp.

\*\*Grant Gear Works, Inc.

\*\*H. Koch & Sons

\*LAVEZZI MACHINE WORKS

Librascope Inc. Licon & Spiroid Divs., Illinois Tool Works Liprascope in Liprascope in Link Aviation, Inc.
Lind Aviation, Inc.
Lyndon Aircraft, Inc.
Mechanical Div.-General Mills, Inc.
Pic Design Corp., Sub-Benrus Watch Co., Inc.
Philadelphia Gear Works, Inc.
Reeves Instrument Corp.
Research Development Mfg. Inc.
Sier-Bath Gear & Pump Co., Inc.
Technical Oil Tool Corp.
\*U. S. GEAR CORP.
Waldom Electronics Inc.
Wilmar Mfg. Co., Inc.
Wunderlich Radio Co.
Zagora Gears, Inc.

#### **GENERATORS**

GENERATORS

Louis Allis Co., The
Alto Scientific Co.; Inc.
American Electronics, Inc.
\*\*AMERICAN MACHINE & FOUNDRY CO.
American Welding & Mfg. Co., The
Bendix Aviation Corp., Red Bank Div.
Bogue Electric Mfg. Co.
Collins Engrg. Corp.
Electron Div.—F. L. Jacobs Co.
Electric Aufo-Lite Co., The
Electronics Dept., Hamilton Standard Div.,
United Aircraft Corp.
\*\*GARRET CORP., THE, AIRESEARCH MFG. DIVS.
Gray & Huleguard, Inc.
Gridded Missile Div. De Havilland Aircraft of
Canada, Ltd.

Griemco, Inc.
Guided Missile Div. De H
Canada, Ltd.
Hammett Electric Co.
Hertner Electric Co., The
Instruments Corp., The
\*INTERELECTRONICS CORP.

Instruments Corp., the
\*\*INTERELECTRONICS CORP.
Jack & Heintz, Inc.
Kurz & Root Co.
Leach Corp.
McKenna Labs.
Minneapolis-Honeywell Regulator Co., Aeronautical Div.
\*\*MOTOR GENERATOR CORP.
Northwestern Electric Co.
D. W. Onen & Sons Inc.
Resdel Engrg. Corp.
Milton Roy Co.
Sundstrand Turbo Div., Sundstrand Machine Tool
Co.
TKM Electric Corp.
Talley Corp., The
Task Corp.
Yaro Mfg. Co.
Wickes Engrg. & Construction Co. Inc.
Wincharger Corp.

#### Electric A. C.

Air Logistics Corp. Air Reduction Sales Co., Div.-Air Reduction Co.,

Air Logistics Corp.

Air Reduction Sales Co., Div.-Air Reduction Co., Inc.

Aircraft Equipment Div.-Consolidated Diesel Electric Corp.

Louis Allis Co., The American Electronics, Inc.

\*\*AMERICAN MACHINE & FOUNDRY CO.

Bendix Aviation Corp., Red Bank Div.

Bogue Electric Mfg. Co.

Colambia Electric Mfg. Co.

Joe Davidson & Associates

Eicor Div.-F. L. Jacobs Co.

Electric Auto-Lite Co., The

Electric Indicator Co. Inc.

Electric Products Co., The

Electric Products Co., The

Electrics Dept., Hamilton Standard Div.,

United Aircraft Corp.

\*\*GARRETT CORP. THE, AIRESEARCH MFG. DIVS.

General Electric Co., Apparatus Sales Div.

Georator Corp.

Globe Industries, Inc.

Georator Corp.
Globe Industries, Inc.
Gray & Huleguard, Inc.
Gremco, Inc.
Grided Missile Div.-De Havilland Aircraft of
Canada, Ltd.
Hammett Electric Co.,
Hertner Electric Co., The
Hoover Electric Co.,
Instruments Corp., The

\*INTERELECTRONICS CORP. Jack & Heintz, Inc.
Kurz & Root Co.
La Pointe Industries Inc.

\*MOTOR GENERATOR CORP.

\*MOTOR GENERATOR CORP.

Motoresearch Co.
Northwestern Electric Co.
D. W. Onan & Sons Inc.

\*JOHN OSTER MFG. CO., AVIONIC DIV.
Patterson, Moos Div.-Universal Winding Co., Inc.
Redmond Co., Inc.
Servomechanisms, Inc.
Small Motors Inc.
Small Motors Inc.
Sundstrand Turbo Div., Sundstrand Machine Tool
Co.

Sundstrand Turbo Div.
Co.
TKM Electric Corp.
Talley Corp., The
Task Corp.
Trindl Products, Ltd.
Varo Mfg. Co.

Wacline, Inc. \*WESTINGHOUSE ELECTRIC CORP. Wickfield, Inc.
Wickes Engrg. & Construction Co. Inc.
Wincharger Corp.

#### Electric D. C.

Air Logistics Corp. Air Reduction Sales Co., Div.-Air Reduction Air Logistics Corp.
Air Reduction Sales Co., Div.-Air Reduction
Co., Inc.
Aircraft Equipment Div.-Consolidated Diesel
Electric Corp.
Louis Allis Co., The
American Electronics, Inc.
\*\*AMERICAN MACHINE & FOUNDRY CO.
Bendix Aviation Corp., Red Bank Div.
Bogue Electric Mfg. Co.
Columbia Electric Mfg. Co.
Joe Davidson & Associates
Eicor Div.-F. L. Jacobs Co.
Electric Auto-Lite Co., The
Electric Indicator Co. Inc.
Electric Indicator Co. Inc.
Electric Products Co., The
Electricisc Dept., Hamilton Standard Div.
\*\*CARREIT CORP., THE, AIRESEARCH MFG. DIVS.
General Electric Co., Apparatus Sales Div.
Georator Corp.
Globe Industries, Inc.
Gray & Huleguard, Inc.
Gremco, Inc.
Gremco, Inc.
Gremco, Inc.
Gremco, Inc.
Guided Missile Div.-De Havilland Aircraft of
Canada, Ltd.
Hammett Electric Co.
Heriner Electric Co.
Instruments Corp., The
\*\*INTERELECTRONICS CORP.
Jack & Heintz, Inc.
Kurz & Root Co.

\*INTERELECTIONICS CORP.

Jack & Heintz, Inc.

Kurz & Root Co.

La Pointe Industries Inc.

Leach Corp.

Lincoln Electric Co., The

\*MOTOR GENERATOR CORP.

\*MOTOR GENERATOR CORP.

Motoresearch Co.

Northwestern Electric Co.

D. W. Onan & Sons Inc.

\*JOHN OSTER MFG. CO., AVIONIC DIV.

Reomond Co., Inc.

Servomechanisms, Inc.

Small Motors Inc.

Small Motors Inc.

Sundstrand Turbo Div., Sundstrand Machine Tool

Co.

TKM Electric Corp.
Talley Corp., The
Varo Mfg. Co.
\*WESTINGHOUSE ELECTRIC CORP.
Wickfield, Inc.
Wickes Engrg. & Construction Co. Inc.
Wincharger Corp.

#### Engine Driven

Engine Driven

Air Logistics Corp.
Air Reduction Sales Co., Div.-Air Reduction Corp.
Air Reduction Sales Co., Div.-Air Reduction Corp., Air Reduction Corp., American Electronics, Inc.
Barker Sales Co.
Bendix Aviation Corp., Red Bank Div.
Bogue Electric Mfg. Co.
Columbia Electric Mfg. Co.
Joe Davidson & Associates
Eicor Div.-F. L. Jacobs Co.
Electric Products Co., The
\*\*GARREIT CORP. THE. AIRESEARCH MFG. DIVS.
General Electric Co., Apparatus Sales Div.
Georator Corp.
Harmational Fermont Machinery Co., Inc.
Jack & Heintz, Inc.
Leach Corp. Corp. Corp.

Leach Corp.
\*MOTOR GENERATOR CORP.

\*MOTOR GENERATOR CORP.

Motoresearch Co.,
D. W. Onan & Sons Inc.
Ready Power Co., The
Varo Mfg. Co.
Westinghouse Electric Corp.
\*WHITE DIESEL ENGINE DIV., THE WHITE
MOTOR CO.
Wickfield, Inc.
Wickes Engrq. & Construction Co. Inc.
Wincharger Corp.

#### Frequency

Frequency

Adler Electronics, Inc.
Alto Scientific Co., Inc.
American Electronics, Inc.
Bendix Aviation Corp., Red Bank Div.
Bogue Electric Mfg. Co.
Bulova Watch Co., Electronics Div.
Consolidated Avionics Corp.
Joe Davidson & Associates
Eicor Div.-F. L. Jacobs Co.
Erie Resistor Corp.
\*\*GARREIT CORP., THE, AIRESEARCH MFG. DIVS.
General Electric Co., Apparatus Sales Div.
Grary & Hulequard, Inc.
Hernher Electric Co., The
\*\*INITERELECTRONICS CORP.
International Research Associates
Kay Electric Co.
Lampkin Labs. Inc.
La Pointe Industries Inc.
Gerard G. Leeds Co., Inc.

Manson Laboratories, Inc.
Minneapolis-Honeywell Regulator Co., Aeronautical Div.
Motoresearch Co.
\*\*POTIER AERONAUTICAL CORP.
Resdel Engrg. Corp.
Telectro Industries Corp.
Tel-Instrument Electronics Corp.
Varo Mfg. Co.
Wacline, Inc.
Waveforms, Inc.
Wickes Engrg. & Construction Co. Inc.

#### Function

Consolidated Avionics Corp.
Diehl Mfo. Co.
\*NTERELECTRONICS CORP.
Minneapolis-Honeywell Regulator Co., Aeronautical Div.
Resdel Engrg. Corp.
Telectro Industries Corp.

#### Hand Driven

Redmond Co., In Wincharger Corp.

#### High Frequency Power

Acoustica Associates, Inc.
Airborne Instruments Lab., Inc.
Bogue Electric Mfg. Co.
D & R. Ltd.
Joe Davidson & Associates
Gerisler Labs.
General Electric Co., Apparatus Sales Div.
Georator Corp.
Gray & Huleguard, Inc.
Gremco. Inc. Gray & Huleguard, Inc.
Gremco, Inc.
Gremco, Inc.
Guided Missile Div.-De Havilland Aircraft of
Canada, Lid.
Hammett Electric Co.
C. I. Hayes, Inc.
Hertner Electric Co., The
\*\*INTERELECTRONICS CORP.
Kurz & Root Co.
Leach Corp.
Lindberg Engrg. Co.
McKenna Labs.
\*\*MOTOR GENERATOR CORP.
Motoresearch Co.
Northwestern Electric Co.
Resdel Engrg. Corp.
Sundstrand Turbo Div., Sundstrand Machine Tool
Co. Sundstrand Turbo Div., Sundstrand Co.
Co.
TKM Electric Corp.
Telectro Industries Corp.
Tel-Instrument Electronics Corp.
Thompson Products, Inc.
Varo Mfg. Co.
Wave Particle Corp.
\*WESTINGHOUSE ELECTRIC CORP.

#### Liquid Oxygen

Air Products, Inc. Herrick L. Johnston, Inc. Minneapolis-Honeywell Regulator Co., Aero-nautical Div. Superior Air Products Co.

#### Liquid Oxygen, Mobile

Air Products, Inc.
Food Machinery & Chemical Corp., Ordnance
Div.
Herrick L. Johnston, Inc.
Minneapolis-Honeywell Regulator Co., Aeronautical Div.

#### Motor

Motor

Aircraft Equipment Div.-Consolidated Diesel Electric Corp.

\*AMERICAN MACHINE & FOUNDRY CO. Barker Sales Co. Bendix Aviation Corp., Red Bank Div. Bogue Electric Mfg. Co. D. & R. Ltd. Diehl Mfg. Co. Eclipse-Pioneer Div., Bendix Aviation Corp. Electric Indicator Co. Inc. Electric Indicator Co. Inc. Electric Products Co., The

\*GARRETT CORP., THE, AIRESEARCH MFG. DIVS. General Electric Co., Apparatus Sales Div. Georator Corp. Electric Co. Helipot Corp., Inc. Gray & Huleguard, Inc., Gray & Huleguard, Inc., Hammett Electric Co. Helipot Corp., Herner Electric Co., Helipot Corp., Herner Electric Co., The

\*HOOVER ELECTRONICS CORP. Kurz & Root Co. La Pointe Industries Inc. \*INTERELECTRONICS CORP.
Kurz & Root Co.
La Pointe Industries Inc.
Leach Corp.
\*MOTOR GENERATOR CORP.
Motordyne Inc.
Motoresearch Co.
Northwestern Electric Co.
Redmond Co., Inc.
Small Motors Inc.
Talley Corp., The
Yaro Mfq. Co.
\*WESTINGHOUSE ELECTRIC CORP.

#### Pulse

Adler Electronics, Inc.
Alto Scientific Co., Inc.
American Electronics Labs., Inc.
Centronix Inc.
Consolidated Avionics Corp.
Dunlap Electronics, Inc.
Electro-Pulse Inc.
\*INTERELECTRONICS CORP.

\*INTERELECTRONICS CORP. \*\*INTÉRELECTRONICS CORP.

Kay Electronic Co.

La Pointe Industries Inc.

Leach Corp.

Gerard G. Leeds Co., Inc.

Manson Laboratories, Inc.

Orbitran Co., Inc.,

Resdel Engrg. Corp.

Milton Roy Co.

Skiatron Electronics & Television Corp.

Technitrol Engrg. Co.

\*\*TELERAD MFG. CORP.

#### Sync

Adler Electronics, Inc.
Bogue Electric Mfg. Co.
Consolidated Avionics Corp.
Dunlap Electronics, Inc.
General Electronics, Inc.
General Electric Co., Apparatus Sales Div.
Georator Corp.
Hammett Electronic Co.
Hinterellectronics Corp.
Kurz. & Root Co.
La Pointe Industries Inc.
Skiatron Electronics & Television Corp.
Tel-Instrument Electronics Corp.
Thompson Products, Inc.

#### Sync, Studio

Dunlap Electronics, Inc.
Hammett Electric Co.
\*INTERELECTRONICS CORP.
Skiatron Electronics & Television Corp.
Tel-Instrument Electronics Corp.

#### Sync, Stretchers

Adler Electronics, Inc. Hammett Electric Co. Skiatron Electronics & Television Corp.

#### Winddriven Generating Equipment

D & R, Ltd.
Joe Davidson & Associates
\*\*GARREIT CORP., THE, AIRESEARCH MFG. DIVS.
Hammett Electric Co.
Munston Mfg. & Service, Inc.
Wincharger Corp.

#### GENERATORS, ELECTRONIC Advance Industries, Inc. Alto Scientific Co., Inc.

Advance Industries, Inc.
Alto Scientific Co., Inc.
Amerac Inc.
\*\*AMERICAN MACHINE & FOUNDRY CO.
Bendix Aviation Corp., York Div.
Boonton Radio Corp.
Briggs Associates, Inc.
Burroughs Corp.
Canoga Corp. of California
Consolidated Avionics Corp.
Cubic Corp.
Joe Davidson & Associates
Dynac, Inc.
General Communication Co.
Hammett Electric Co.
Hickok Electrical Instrument Co., The
\*\*INTERLECTRONICS CORP.
\*\*KAHN & CO., INC.
Kay Electric Co.
La Pointe Industries Inc.
Marconi Instruments
McKenna Labs.
Munston Mfg. & Service, Inc.
Ernst Norrman Laboratories
Polarad Electronics Corp.
Precision Apparatus Co., Inc.
Radio Corporation of America, Defense Electronic Products
Resdel Engrg. Corp.
Simpson Electric Cop.
Simpson Electric Cop.
Technical Oil Tool Corp.
Telectro Industries Corp.
Telectronics Laboratory Inc.
Tel-Instrument Electronics Corp.

Am-Fm

#### Am-Fm

Am-Fm

Adler Electronics, Inc.
Advance Industries, Inc.
Boonton Radio Corp.
Collins Radio Co.
Hickok Electrical Instrument Co., The
\*\*INTERLECTRONICS CORP.
La Pointe Industries Inc.
Marconi Instruments
Polarad Electronics Corp.
Precision Apparatus Co., Inc.
Radio Corporation of America, Defense Electronic Products
Simpson Electric Co.
Skiatron Electronics & Television Corp.
\*\*TELERAD MFG. CORP.

#### Harmonic Frequency

Adler Electronics, Inc.
Advance Industries, Inc.
Aircom Inc.
Bendix Aviation Corp., York Div.
Bulova Watch Co., Electronics Div.
Consolidated Avionics Corp.
Demornay-Bonardi
Graflex. Inc. Demornay-Bonardi
Graflex, Inc.
\*INTERELECTRONICS CORP.
Kay Electric Co.
La Pointe Industries Inc.
Manson Laboratories, Inc.
Marsoni Instruments
Ernst Norrman Laboratories
Radio Corporation of America, Defense Electronic Products
Resdel Engrg. Corp.
Skiatron Electronics & Television Corp.
\*IELERAD MFG. CORP.
Varo Míg. Co.

#### Microwave

Microwave

Adler Electronics, Inc.
Airborne Instruments Lab., Inc.
Airborne Instruments Lab., Inc.
Aircom Inc.
Amerac Inc.
Bendix Aviation Corp., York Div.
California Technical Industries, Div.-Textron Inc.
Canoga Corp. of California
Cohan Epner Co. Inc.
Defiance Engrg, & Microwave Corp.
Demornay-Bonardi
Dynac, Inc.
Geisler Labs.
General Communication Co.
J-V-M Microwave Co.
Kaiser Aircraft & Electronics Div.-Kaiser Industries Corp.
Kay Electric Co.
La Pointe Industries Inc.
Lavoie Labs., Inc.
Gerard G. Leeds Co., Inc.
Manson Laboratories, Inc.
Marconi Instruments
Microwave Electronics Div., Sperry Gyroscope
Co.
Chilico Corp., Government & Industrial Divs.
Polarad Electronics Corp.
Radio Corporation of America, Defense Electronic Products
Resdel Engrg, Corp.
Ryan Aeronautical Co.
Saratoga Industries
Stromberg-Carlson, Electronics Div.
Technical Oil Tool Corp.
Technical Oil Tool Corp.
Technical Oil Tool Corp.
Teteltro Industries Corp.
\*\*TELERAD MFG, CORP.
Wave Particle Corp.
Wave Particle Corp.
Weinschel Engrg.

#### Noise

Noise

Airborne Instruments Lab., Inc.
Bendix Aviation Corp., York Div.
Burroughs Corp.
Chesapeake Instrument Corp.
Defiance Engrg. & Microwave Corp.
Defiance Engrg. & Microwave Corp.
Defonany-Bonardi
Dunlap Electronics, Inc.
General Sound Control, Inc.
Hickok Electrical Instrument Co., The
Intercontinental Dynamics Corp.
Kay Electric Co.
La Pointe Industries Inc.
Marconi Instruments
Philico Corp., Government & Industrial Divs.
Radio Corporation of America, Defense Electronic Products
Reeves Instrument Corp.
Readel Engrg. Corp.
Ryan Aeronautical Co.
Saratoga Industries
Skiatron Electronics & Television Corp.
Telectro Industries Corp.

#### Picture Signal

Adler Electronics, Inc.
Hickok Electrical Instrument Co., The
Kay Electric Co.
La Pointe Industries Inc.
Philco Corp., Government & Industrial Divs.
Polarad Electronics Corp.
Radio Corporation of America, Defense Electronic Products
Skiatron Electronics & Television Corp.
Telectro Industries Corp.
Telectro Industries Corp.
Telectro Industries Corp.
Thompson Products, Inc.

#### Pulse

Adler Electronics, Inc. Advance Industries, Inc. Alto Scientific Co., Inc. American Electronic Labs., Inc.
Bendix Aviation Corp., York Div.
Briggs Associates, Inc.

Brubaker Electronics, Inc., Sub.-Talecomputing Brubaker Electronics, Inc., Sub.-Talecomputing Corp.
Sulrow Watch Co., Electronics Div.
Burroughs Corp.
Canoga Corp. of California
Centronix Inc.
Consolidated Avionics Corp.
Cubic Corp.
Cutis-Wright Corp., Industrial & Scientific Products Div.
Demornay-Bonardi
Dunlap Electronics, Inc.
Electronics Dept., Hamilton Standard Div.,
United Aircraft Corp.
Electro-Pulse, Inc.
Erie Resistor Corp.
General Communication Co.
General Railway Signal Co.
Haller Raymond & Brown Inc.
Hamner Electronics Co., Inc.
Hickob Electrical Instrument Co., Tke
\*\*INITERELECTRONICS CORP.\*\*
Kay Electric Co.
La Pointe Industries Inc.
Lavoie Labs., Inc.
Gerard G. Leeds Co., Inc.
Marconi Instruments
Microwave Electronics Div., Sperry Gyroscope
Co.
Munston Mfg. & Service, Inc.
Ernst Norrman Laboratories
Orbitran Co., Inc.
Philico Corp., Government & Industrial Divs.
\*\*RADIATION, INC.
Radio Corporation of America, Defense Electronic Products
Reves Instrument Corp.
Rese Engrg., Inc.,
Rutherford Electronics Co.
Saraloga Industries
Simpson Electronics Co.
Statora Electronics & Television Corp.
Stromberg-Carlson, Electronics Div.
Technitrol Engrg., Co.
Telectro Industries Corp.
\*\*\*Teletronics Laboratory Inc.
Ultradyne, Inc.
Walkirt Co.

Square Wave Corp.

Dova Watch Co., Electronics Div.

#### Square Wave

Alto Scientific Co., Inc.
Antlab Inc.,
Briggs Associates, Inc.,
Bulova Watch Co., Electronics Div.
Canoga Corp. of California
Consolidated Avionics Corp.
Cubic Corp.
Dunlap Electronics, Inc.
General Communication Co.
General Communication Co.
Hickok Electrical Instrument Co., The
\*\*INTERLECTRONICS CORP.
International Research Associates
Motordyne Inc.,
Polarad Electronics Corp.
Precision Apparatus Co., Inc.
Radio Corporation of America, Defense Electronics Products
Resdel Engrg. Corp.
Rutherford Electronics Co.
Simpson Electric Co.
Skiatron Electronics & Telavision Corp.
Southwestern Industrial Electronics Co.
Spectrum Instruments, Inc.
Stromberg-Carlson, Electronics Div.
Telectro Industries Corp.
Ultradyne, Inc.
Varo Mfg. Co.
Walkirt Co.
Weinschel Engrg.

#### Ultrasonic

Ultrasonic

Acoustica Associates, Inc.
Alcar Instruments, Inc.
Blackstone Corp.
Branson Instruments, Inc.
Bulova Watch Co., Electronics Div.
Canoga Corp. of California
Chesapeake Instrument Corp., Industrial & Scientific
Products Div.
Joe Davidson & Associates
General Nuclear Corp., Industrial & Scientific
Products Div.
Joe Davidson & Associates
General Nuclear Corp.
Hickok Electrical Instrument Co., The
\*\*INTERLECTRONICS CORP.
\*\*KAHN & CO., INC.
Kay Electric Co.
Gerard G. Leeds Co., Inc.
Massa Labs., Inc.,
McKenna Labs.
John B. Moore Corp.
Narda Ultrasonics Corp., The
Radio Corporation of America, Defense Electronic Products
Ryan Aeronautical Co.
Sheffield Corp., The, Sub-Bendix Aviation Corp.
Skiatron Electronics & Television Corp.

Southwestern Industrial Electronics Co. Telectro Industries Corp. Waveforms, Inc.

#### Variable Frequency

Variable Frequency

Airborne Instruments Lab., Inc.
Bendix Aviation Corp., York Div.
Bulova Watoh Co., Electronics Div.
Burroughs Corp.
Canoga Corp. of California
Consolidated Avionics Corp.
Joe Davidson & Associates
Dunlap Electronics, Inc.
Dynac, Inc.
Erwood, Inc.
Hickok Electrical Instrument Co., The
\*\*INITERELECTRONICS CORP.\*
International Research Associates
Kay Electric Co.
Gerard G. Leeds Co., Inc.
Marconi Instruments
Polarad Electronics Corp.
Precision Apparatus Co., Inc.
Radio Corporation of America, Defense Electronic Products
Resdel Engrg. Corp.
Ryan Aeronautical Co.
Skiatron Electronics & Television Corp.
Southwestern Industrial Electronics Co.
Spectrum Instruments, Inc.
Technitrol Engrg. Co.
Telectro Industries Corp.
Teletronics Laboratory, Inc.
Tel-Instrument Electronics Corp.
Telonic Industries, Inc.
Utradyne, Inc.
Varo Mig. Co. Utradyne, Inc. Varo Mfg. Co. Waveforms, Inc.

#### Waveform

Waveform

Adler Electronics, Inc.
Bulova Watch Co., Electronics Div.
Consolidated Avionics Corp.
Cubic Corp.
Electronic Measurements Corp.
Hickok Electrical Instrument Co., The
\*INTERELECTRONICS CORP.
George A. Philbrick Researches, Inc.
Radio Corporation of America, Defense Electronic Products
Resdel Engrg. Corp.
Rutherford Electronics Co.
Skiatron Electronics & Television Corp.
Southwestern Industrial Electronics Co.
Spectrum Instruments, Inc.
Telectro Industries Corp.
Ultradyne, Inc.

#### GENERATORS, ELECTRONIC. SIGNAL

Alpha Instrument Co.,
Alfo Scientific Co., Inc.
\*\*AMERICAN MACHINE & FOUNDRY CO.
BJ Electronics, Borg-Warner Corp.
Boonton Radio Corp.
Bulova Watch Co., Electronics Div.
Canoga Corp. of California
Dunlap Electronics, Inc.,
Dynac, Inc.
Electronic Measurements Corp.
General Communication Co.
Hammett Electric Co.
International Crystal Mfg. Co., Inc.
Marconi Instruments
Munston Mfg. & Service, Inc.
Polarad Electronics Corp.
Precision Apparatus Co., Inc.
Resdel Engrg. Corp.
Skiatron Electronics & Television Corp.
Southwestern Industrial Electronics Co.
Telectro Industries Corp.
\*\*TELERAD MFG. CORP.
Tel-Instrument Electronics Corp.
Telonic Industries, Inc.
Van Mfg. Co.

#### a-f

a-f

Adler Electronics, Inc.
Alpha Instrument Co.
Alto Scientific Co., Inc.
Bulova Watch Co., Electronics Div.
Canoga Corp. of California
Dunlap Electronics, Inc.
Dynac, Inc.
Electronic Measurements Corp.
Elem Mfg. Co., Inc.
Erwood, Inc.
Hickok Electrical Instrument Co., The
Holt Instrument Laboratories, Div.-Holt wood Co., Inc.
\*\*INTERLECTRONICS CORP.\*\*
Munston Mfg. & Service, Inc.
Polarad Electronics Corp.
Precision Apparatus Co., Inc.
Skiatron Electronics & Elevision Corp.
Southwestern Industrial Electronics Co.
Telectro Industrial Electronics Co.
Telectro Industrial Electronics Co.

f-m

Adler Electronics, Inc.
Advance Industries, Inc.
Alpha Instrument Co.
Bendix Aviation Corp., York Div.
Boonton Radio Corp.
Bulova Watch Co., Electronics Div.
Canoga Corp. of California
Dunlap Electronics, Inc.
Electronic Measurements Corp.
Hickok Electrical Instrument Co., The
\*\*INTERLECTRONICS CORP.
Kay Electric Co.
Marconi Instruments
Munston Mfg. & Service, Inc.
Polarad Electronics Corp.
Precision Apparatus Co., Inc.
Skiatron Electronics & Television Corp.
Telectro Industries Corp.
\*\*\*TELERAD MFG. CORP.

r-f

Adler Electronics, Inc.
Advance Industries, Inc.
Airborne Instruments Lab., Inc.
Aircom, Inc.
Aircom, Inc.
Airporne Instrument Co.
BJ Electronics, Borg-Warner Corp.
Bendix Aviation Corp., York Div.
Boonton Radio Corp.
Bulova Watch Co., Electronics Div.
Canoga Corp. of California
Centronix, Inc.
Dunlap Electronics, Inc.
Dynac, Inc.
Ferris Instrument Co.
General Communication Co.
General Instrument Corp., Defense Products Div.
Hickok Electrical Instrument Co., The
International Crystal Mfg. Co., Inc.
J-V-M Microwave Co.
Kay Electric Co.
Lavoie Labs., Inc.
Marson Laboratories, Inc.
Marson Laboratories, Inc.
Marson Mfg. & Service, Inc.
Polarad Electronics Corp.
Precision Apparatus Co., Inc.
Resdel Engrg. Corp.
Technical Oil Tool Corp.
Telectro Industries Corp.
Telectro Industries Corp.
Telectronics Industries, Inc.
Tel-Instrument Electronics Corp.
Telectronics Industries, Inc.
Tel-Instrument Electronics Corp.
Telectro Industries, Inc.

#### shf

Adler Electronics, Inc.
Canoga Corp. of California
Geisler Labs.
General Communication Co.
Hickok Electrical Instrument Co., The
Kay Electric Co.
Marconi Instruments
Munston Mfg. & Service, Inc.
Polarad Electronics Corp.
Resdel Engrg. Corp.
Technical Oil Tool Corp.
Telectro Industries Corp.
\*\*\*TELERAD MFG. CORP.
Wave Particle Corp.

#### Single Sideband

Adler Electronics, Inc. Canoga Corp. of California Ferris Instrument Co. Ferris Instrument Co. Hycon Eastern, Inc. Kaiser Aircraft & Electronics Div.-Kaiser In-dustries Corp. Manson Laboratories, Inc. Munston Mfg. & Service, Inc. Munston Mfg. & Service, Inc. Philico Corp., Government & Industrial Divs. Standard Electronics Div., Radio Engrg. Labs., Inc. Inc.
Telectro Industries Corp.
Telonic Industries, Inc.
Ultradyne, Inc.

#### Sweeping

Adler Electronics, Inc.
BJ Electronics, Borg-Warner Corp.
Boonton Radio Corp.
Canoga Corp. of California
Dynac, Inc.
Geisler Labs.
Hickok Electrical Instrument Co., The
Kay Electric Co.
Gerard G. Leeds Co., Inc.
Marconi Instruments
Philco Corp., Government & Industrial Divs.
Precision Apparatus Co., Inc.
Skiatron Electronics & Television Corp.
Standard Electronics Div., Radio Engrg. Labs.,
Inc. Inc.
Telectro Industries Corp.
Tel-Instrument Electronics Corp.
Telonic Industries, Inc.
Wave Particle Corp.

#### Television Synchronizing

Adler Electronics, Inc.,
Canaga Corp. of California
Hickok Electrical Instrument Co., The
Kin Tel Div.-Cohu Electronics, Inc.
Philico Corp., Government & Industrial Divs.
Polarad Electronics Corp.
Skiatron Electronics & Television Corp.
Telectro Industries Corp.
Telectro Industries Corp.
Telentroment Electronics Corp.
Thompson Products, Inc.

#### uhf or vhf

uht or vht

Aircom Inc.
3J Electronics, Borg-Warner Corp.
Boonton Radio Corp.
ECOPER DEVELOPMENT CORP.
Ferris Instrument Co.
General Rallway Signal Co.
Manson Laboratories, Inc.
Marconi Instruments
Munston Mfg. & Service, Inc.
Northeast Electronics Corp.
Polarad Electronics Corp.
Precision Apparatus Co., Inc.
\*RADIATION, INC.
\*RADIATION, INC.
Saratoga Inclustries
Skiatron Electronics & Television Corp.
Technical Oil Tool Corp.
Tel-Instrument Electronics Corp.
Telonic Industries, Inc.
Weinschel Engrg.

#### GRAIN, ALUNDUM

Morganite, Inc. Norton Co.

#### GRAPHITE, COLLOIDAL

Acheson Colloids Co., Div.-Acheson Industries, Inc.
Alpha-Molypote Corp.
Carbone Corp., The
Grafo Colloids Corp.

#### GRAPHITE, LUBRICATING

Alpha-Molypote Corp.
Drilube Co.
Electrofilm, Inc.
Grafo Colloids Corp.
Kano Labs.

#### GREASES, VACUUM

Kelsey-Hayes Co. Silicones Div.-Union Carbide Corp.

#### GRID FRAMES

G. M. Dykes Iron Works, Inc. Twix Mfg. Co., Inc. \*WASHINGTON ALUMINUM CO., INC.

#### GRIDS

Chart-Pak, Inc. G. M. Dykes Iron Works, Inc. United Mfg. Co., The

#### GUN MOUNTS, TELEVISION

Aeroflex Corp., The, Aeroflex Labs. Div.
Aircraft Standards, Inc.
American Welding & Mig. Co., The
G. M. Dykes Iron Works, Inc.
J. W. Fecker, Inc., Sub.—American Optical Co.
Kaiser Aircraft & Electronics Div.-Kaiser Industries Corp.
Standard Armament Inc.
Thompson Products, Inc.

#### GUNS, SOLDERING

Eisler Engrg. Co., Inc. P. Wall Mig. Co.

#### HAMMERS

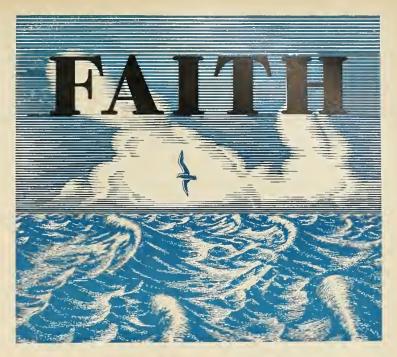
\*BILLINGS & SPENCER CO., THE Black & Decker Mfg. Co., The Capewell Mfg. Co. Green, Tweed & Co. Superior Pneumatic & Mfg., Inc.

#### **HANDLES**

Adams Rite Mfg. Co.
Chassis-Trak, Inc.
Dayton Mfg. Co., Inc.
Dimco-Gray Co.
Friez Instrument Div.-Bendix Aviation Corp.
General Logistics, Div.-Aeroquip Corp.
Goe Engrg. Co.
Olympic Plastics Co., Inc.
Star Engraving Co., Ltd.
Vemaline Products Co.

#### HANDLES, LEATHER

Auburn Mfg. Co., The



"The reason birds can fly . . . is simply that they have perfect faith, for to have faith is to have wings."

... Sir James Matthew Barrie

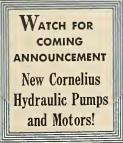


When science began, man's faith in his own judgment often preceded the established fact. Today, however, with aerodynamics and other sciences faith is based on fact.

Cornelius products are among the thousands of individual components selected for use on a very advanced design aircraft being readied for its first flight. The planners, designers, engineers and analysts responsible for this aircraft have great faith, because of experience, in each individual component which will be used.

The Cornelius Company has been awarded prime responsibility for the pneumatic and gaseous nitrogen systems of this aircraft. As a result of this responsibility Cornelius has perfected the FIRST 275° F. pneumatic system for U. S. aircraft. In this "system of the future" are 13 Cornelius components, including a new 3000 psi, 8 cfm, hydraulic motor driven compressor.

Faith is not an idle word at The Cornelius Company. It has two important meanings. First, it represents a trust customers have placed in us, and secondly, it is an expression of our confidence in ourselves. For assistance with any pneumatic, gaseous or hydraulic problem, concerning missiles or aircraft, write or call a Cornelius Sales Engineer today.





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#### HAND SETS

International Electric Industries, Inc. Roflan Co., The Shure Brothers, Inc. Telectro Industries Corp.

#### HEAT TRANSFER CONTROL **SYSTEMS**

American Air Filter Co., Defense Products Div.
American Research & Mig. Corp.
Applied Dynamics Corp.
Bell & Gossett Co.,
CDC Control Services, Inc.
Dunham-Bush Inc.
\*\*EASTERN INDUSTRIES, INC.
Ellis & Watts Products, Inc.
\*\*EASTERN INDUSTRIES, INC.
\*\*EASTERN INFOME TO BE COMMENTED TO BE Minneapolis-molleywell kegusto for tical Div.

\*RYAN INDUSTRIES
Scientific Instrument Co.
South Wind Div., Stewart-Warner Corp.
Steams-Roger Mfg, Co.
Thompson Products, Inc.
\*UNITED AIRCRAFT PRODUCTS, INC.

#### HEAT TREATING SERVICE

Atlas E-E Corp.
Bell & Gossett Co.
J. P. DeVine Mig. Co.
Eaton Mig. Co., Inc., Fredric Flader Div.
Goodyear Aircraft Corp.
HARTFORD MACHINE SCREW CO., DIV.STANDARD SCREW CO.
A. F. Holden Co., The
Ladish Co.
Modglin Co. Inc.
Papesch & Kolstad, Inc.
H. K. Porter Inc.
Positive Lock Washer Co., The
Skinner Precision Products
Solar Aircraft Co.

#### HEATER MUFFLER ASSEMBLIES

Hastings Plastics Inc.
\*JANITROL AIRCRAFT DIV.-SURFACE COMBUSTION CORP.
Kaiser Aircraft & Electronics Div.-Kaiser Industries Corp.
Joseph Kaye & Co.
Warren Mig. Div., Warren Brothers Roads Co.

#### **HEATERS**

HEATERS

Acme Electric Heating Co.
American Air Filter Co., Defense Products Div.
Cutler-Hammer Inc.
Electric Parls Corp.
Electrofilm, Inc.
Electromodo Div. Commercial Controls Corp.
Electromodo Dor., THE, AIRESEARCH MFG. DIVS.
General Electric Co., Apparatus Sales Div.
General Electric Co., Apparatus Sales Div.
General Electric Co., Apparatus Sales Div.
A. F. Holden Co., The
\*\*HUNTER MFG. CO.
Janco Corp.
\*\*JANITROL AIRCRAFT DIV.-SURFACE COMBUSTION CORP.
National Airoil Burner Co.
\*\*RYAN INDUSTRIES
Safeway Heat Elements, Inc.
Selas Corp. of America
Siebring Mfg. Co.
South Wind Div., Stewart-Warner Corp.
Statikil, Inc., Div.-The J. E. Doyle Co.
Trane Co., The
\*\*UNITED AIRCRAFT PRODUCTS. INC.
Vulcan Electric Co., Div.-Consolidated Electric
Lamp Co. Inc.
Warren Mfg. Div., Warren Brothers Roads Co.

Ground portable

#### Ground portable \*JANITROL AIRCRAFT DIV.-SURFACE COMBUS-TION CORP.

#### HEATING EQUIPMENT, FLEXIBLE

HEATING EQUIPMENT, PLEXIBLE
Electro-Flex Heat, Inc.
Electro-Flex Heat, Inc.
Electro-Serv Co.
First Electroics Corp., The
General Electric Co., Apparatus Sales Div.
B. F. Goodrich Aviation Products
HUNTER MFG. CO.
\*\*JANTROL AIRCRAFT DIV.-SURFACE COMBUSTION CORP.
L. O. F. Glass Fibers Co.
National Airoil Burner Co.
\*\*RYAN INDUSTRIES
Safeway Heat Elements, Inc.
Seaman Products

#### HINGES

Bridgwater Machine Co. Corbin Products Div. Dayton Mfg. Co., Inc. Dumont Aviation Associates G. M. Dykes Iron Works, In Walter K. Jaros, Aircrafters Twix Mfg. Co., Inc.

#### HOISTS, GROUND

HOISTS, GROUND

Air Logistics Corp.
Ald Aluminum Ladder Corp.
Ald Aluminum Ladder Corp.
All American Aircraft Products, Inc.
All American Aircraft Products, Inc.
All American Aircraft Div.
Calcor Corp., Aircraft Div.
Chisholm-Moore Hoist Div., Columbus McKinnon Chain Corp.
Clark Equipment Co.
Coffing Hoist Div., Duff-Norton Co.
Conco Engrg. Works
Joyce Cridland Co., The
Cromer Mig. & Engrg., Inc.
Defroit Hoist & Machine Co.
Food Machinery & Chemical Corp., Ordnance
Div.

Servicair Co.
Stanless Steel Product
Stratollex, Inc.
Titletex, Inc.
Titletex, Inc.
Titletex, Inc.
Twix Mfg. Co., Inc.
Weatherhead Co., The
Allied Plastics Supply
American Brass Co.,
Anchor Packing Co.,
Anchor Packing Co.,
Arrowhead Products,
Bearings, Inc.
Atlantic Metal Hose
Avica Corp. Food Machinery
Div.
G. W. Galloway Co.
Gardner-Denver Co.
Walter K. Jaros, Aircrafters
Joy Mfg. Co.
Kelsey-Hayes Co.
Modglin Co. Inc.
O & M Machine Co., Inc.
Pacific Coast Engrg. Co.
Pitman Mfg. Co.
\*REGENT JACK MFG. CO., INC.
Robot Appliances Inc.
Sancor Corp.
Sancor Corp.
MARINE & ORDN Sancor Corp.

\*VICKERS INC., MARINE & ORDNANCE DEPT.,
MACHINERY HYDRAULICS DIV.
\*\*WASHINGTON ALUMINUM CO., INC.
Wells Industries Corp.
Wheland Co., The
Wickfield, Inc.

#### HOSE

Aeroquip Corp.
Allied Plastics Supply Corp.
Allied Plastics Supply Corp.
American Brass Co., American Metal Hose Div.
Anchor Packing Co., The
Arrowhead Products, Div.—Federal-Mogul-Bower
Bearings Inc.
Chiksan Co.
Continental Rubber Works
Electric Hose & Rubber Co.
B. F. Goodrich Aviation Products
Hewitt-Robins, Inc.
Quaker Rubber Div.—H. K. Porter Co., Inc.
Raybestos-Manhattan, Inc.
Resistoflex Corp.
Stainless Steel Products, Inc.
Stratoflex, Inc. Stratoflex, Inc. Titeflex, Inc. Weatherhead Co., The

#### Air

Air

Aeroquip Corp.
Allied Plastics Supply Corp.
American Brass Co., American Metal Hose Div.
Anchor Coupling Co. Inc.
Anchor Packing Co., The
Arrowhead Products, Div.-Federal-Mogul-Bower
Bearings, Inc.
Cardox Corp.
Chiksan Co.
Continental Rubber Works
Devilbiss Co., The
Electric Hore & Rubber Co.
Flexaust Co., The
Flexonics Corp.
B. F. Goodrich Aviation Products
Gray Co., Inc.
Hewitt-Robbins, Inc.
Imperial Brass Mfa. Co., The
Marco Industries Co.
Parker-Hannifin Corp.
Quaker Rubber Div.-H. K. Porter Co., Inc.
Raybestos-Manhattan, Inc.
Resistoflex Corp.
M. L. Snyder & Son, Inc.
Stratoflex, Inc.
Stratoflex, Inc.
Superior Pneumatic & Mfg., Inc.
Tireflex, Inc.
Weatherhead Co., The

#### Assemblies, Flexible

Assemblies, Flexible

Aeroquip Corp.
Allied Plastics Supply Corp.
American Brass Co., American Metal Hose Div.
Anchor Coupling Co. Inc.
Anchor Packing Co., The
Arrowhead Products, Div.—Federal-Mogul-Bowel
Bearings, Inc.
Atlantic Metal Hose Co. Inc.
Avica Corp.
Cardox Corp.
Cardox Corp.
Chiksan Co.
Co-Operative Industries, Inc.

Electric Hose & Rubber Co.
Flexaust Co., The
Flexible Metal Hose Mfg. Co.
Flexonics Corp.
HewitH-Robins, Inc.
Imperial Brass Mfg. Co., The
Marco Industries Co.
J. J. Monaghan Co., Inc.
Parker-Hannifin Corp.
Resistoflex Corp.
Ronan & Kunzl Inc., Cryogenic Div.
Servicair Co.
Stainless Steel Products, Inc. Strainless Steel Product Stratoflex, Inc. Titeflex, Inc. Twix Mfg. Co., Inc. Weatherhead Co., The

Allied Plastics Supply Corp.
American Brass Co., The
American Brass Co., American Metal Hose Div.
Anchor Packing Co., The
Arrowhead Products, Div.—Federal-Mogul-Bower
Bearings, Inc.
Atlantic Metal Hose Co. Inc. Bearings, Inc.
Atlantic Metal Hose Co. Inc.
Avica Corp.
Co-Operative Industries, Inc.
D K Mfg. Co.
Electric Hose & Rubber Co.
Federal Metal Hose Corp.
Flexaust Co., The
Flexible Metal Hose Mfg. Co.
Flexenics Corp.
Hallett Mfg. Co.
Johnson Metal Hose, Inc.
Marco Industries Co.
Rodnew Metals Inc. Rodney Metals Inc.
Servicair Co.
Stainless Steel Products, Inc.
Titeflex, Inc.

#### Flexible, Non-Metallic

Aeroquip Corp.
Allied Plastics Supply Corp.
American Brass Co., American Metal Hose Div.
Anchor Packing Co., The
Arrowhead Products, Div.—Federal-Mogul-Bower Bearings, Inc.
Chiksen Co.
Continental Diamond Fibre Corp., Sub.—The Chiksan Co.
Continental Diamond Fibre Corp
Budd Co.
Continental Rubber Works
C. R. Daniels, Inc.
Electric Hose & Rubber Co.
Flexaust Co., The
Flexonics Corp.
B. F. Goodrich Aviation Products
Harman Equipment Co.
Hewith Robins, Inc.
Imperial Brass Mfg, Co., The
Joclin Mfg, Co.
Parker-Hannifin Corp.
Raybestos-Manhathan, Inc.
Resistoflex Corp.
Roberts Toledo Rubber Co., The
Rubbercraft Corp. of California
M. L. Snyder & Son, Inc.
Stratoflex, Inc.
Weatherhead Co., The
Zippertubing Co., The

#### Hydraulic

Hydraulic

Aeroquip Corp.
Allied Plastics Supply Corp.
American Brass Co., American Metal Hose Div.
Anchor Coupling Co. Inc.
Anchor Packing Co., The
Continental Rubber Works
Electric Hose & Rubber Co.
Flexible Metal Hose Mfg. Co.
Flexonics Corp.
B. F. Goodrich Aviation Products
Gray Co., Inc.
Imperial Brass Mfg. Co., The
Minneapolis-Honeywell Regulator Co., Aeronautical Div.
Parker-Hannifin Corp.
Pyles Industries, Inc. Pyles Industries, Inc. Raybestos-Manhattan, Inc. Raybestos-Manhattan, Inc.
Resistoflex Corp.
Stainless Steel Products, Inc.
Stewart-Warner Corp.
Stratoflex, Inc.
Titeflex, Inc.
WICKERS INC., MARINE & ORDNANCE DEPT.,
MACHINERY HYDRAULICS DIV.
Weatherhead Co., The

#### HUMIDITY CONTROL SYSTEMS

Associated Testing Labs., Inc. Associated Testing Labs., Inc.
Auto-Control Labs., Inc.
CDC Control Services, Inc.
Cal-Air Conditioning Co.
Driaire, Inc.
Dryomatic Corp.
Ellis & Watts Products, Inc.
\*GARRETT CORP., THE, AIRESEARCH MFG. DIVS.
Instruments Corp., The \*KAHN & CO., INC.
Minneapolis-Honeywell Regulator Co., Aeronau-Minneapolis-Honeywell Regulator Co., tical Div.
Missimers Inc.,
Powers Regulator Co., The Research Products Corp.
Scientific Instrument Co.
Universal Dynamics Corp.
Weighing & Control Components, Inc.
Wells Industries Corp.

#### INDICATORS, OXYGEN

Aro Equipment Corp., The
Bergen Labs.
Ellison Draft Gage Co.
\*\*SGARRETT CORP., THE, AIRESEARCH MFG.
DIVS.
Humidial Co.
Herrick L. Johnston, Inc.
Mine Safety Appliances Co.
Simmonds Aerocessories, Inc.

#### INDICATORS, WIND DIRECTION

Friez Instrument Div.-Bendix Aviation Corp.
E. Vernon Hill & Co.
Instruments Corp., The
Minneapolis-Honeywell Regulator Co., Aeronautical Div.
Victory Engineering Corp.

#### INDICATORS, WIND SPEED, ELECTRONIC

Chicago Div.-American Bosch Arma Corp.
Electronics Dept., Hamilton Standard Div.United Aircraft Crop.
Friez Instrument Div.-Bendix Aviation Corp.
Hickok Electrical Instrument Co., The
Instruments Corp., The
Leeds & Northrup Co.
Moster Specialities Co.
Skiatron Electronics & Television Corp.
Victory Engineering Corp.

#### INDUCTION HEATING EQUIPMENT

General Electric Co., Apparatus Sales Div. Hammett Electric Co. Lindberg Engrg. Co., Papesch & Kolstad, Inc. Vacuum Tube Products Co. Inc. \*WESTINGHOUSE ELECTRIC CORP.

# INTERCOMMUNICATION

American Research & Mfg. Corp.
Centronix Inc.
Du Kane Corp.
Executone, Inc.
Feiler Engrg. & Mfg. Co.
Lane Electronics Mfg. Corp.
Motorola Inc., Military Marketing Div.
\*SEEBURG CORP., THE
\*SEEBURG CORP. THE Corp.
Stromberg-Carlson, Electronics Div.
Talk-A-Phone Co.
Telectro Industries Corp.

#### INTERFERENCE EQUIPMENT, R-F

Centronix Inc.
\*DATA-CONTROL SYSTEMS INC.
Hoover Electronics Co.
Interference Measurement Laboratory, Inc.
Motorola Inc., Military Marketing Div.
Panoramic Radio Products, Inc.
\*\*RHEEM MFG. CO., ELECTRONICS DIV.
Telectro Industries Corp.

#### INVERTERS, DC-AC

INVERTERS, DC-AC

Airborne Accessories Corp.
Alfo Scientific Co., Inc.
American Research & Mig. Corp.
Amoux Corp.
Arioux Corp.
Avion Div.-ACF Industries, Inc.
Bendix Aviation Corp., Red Bank Div.
Bendix Aviation Corp., York Div.
Crescent Engrg. & Research Co.
Joe Davidson & Associates
Eicor Div.-F. L. Jacobs Co.
Electrionic Techniques, Inc.
Elain Micronics, West Coast Div.-Elgin National
Watch Co.
General Electric Co., Apparatus Sales Div.
Goslin Electric Co., Apparatus Sales Div.
Goslin Electric Co.
Fintenational Research Associates
Jack & Heintz, Inc.
Jordan Electric Co.
Coulded Missile Div.-De Havilland Aircraft
of Canada, Ltd.
Hoover Electric Co.
International Research Associates
Jack & Heintz, Inc.
Jordan Electric Co.
Curz & Roof Co.
Molorola Inc., Military Marketing Div.
Ernst Norman Laboratories

\*JONA DETER MFC. CO., AVIONIC DIV.
Pesco Products Div.—Borg-Wanner Corp.
Redmond Co., Inc.

Sangamo Electric Co.
Small Motors Inc.
Sun Electric Corp.
Telectro Industries Corp.
Varco Mfg. Co.
\*WESTINGHOUSE ELECTRIC CORP.
Wickes Engrg. & Construction Co. Inc.
Wincharger Corp.

#### INVERTERS, MEASUREMENT

Bendix Aviation Corp., Red Bank Div.
Goslin Electric & Mfg. Co.
Hammett Electric Co.
Motorola Inc., Military Marketing Div.
Opad Electric Co.
Stevens-Arnold Inc.
Sun Electric Corp.
Telectro Industries Corp.
Varo Mfg. Co.

#### INVERTERS, POWER SUPPLY

INVERTERS, POWER SUPPLY

Airborne Accessories Corp.
Amelco, Inc.
American Research & Mfg. Corp.
American Television & Radio Co.
Arnoux Corp.
Avion Div.-ACF Industries, Inc.
Bendix Aviation Corp., Red Bank Div.
Bendix Aviation Corp., York Div.
Bogue Electric Mfg. Co.
Eicor Div.-F. L. Jacobs Co.
Ford Instrument Co., Div.-Sperry Rand Corp.
Electricnic Techniques, Inc.
General Railway Signal Co.
Geslin Electric Co., Apparatus Sales Div.
General Reilway Signal Co.
Green Rectifier Co.
Goslin Electric Co., Apparatus Co.
Green Rectifier Co.
Grided Missile Div.-De Havilland Aircraft of Canada, Ltd.
Hammett Electric Co., The
\*\*INTERLECTRONICS CORP.
International Research Associates,
Jordan Electronics, Div.-Victoreone Instrument Co.
Kaiser Aircraft & Electronics Div.-Kaiser Industries Corp.
Kurz & Root Co.
Mairco Electronics, Inc.
J. A. Mayere, Inc.
Motorola Inc., Military Marketing Div.
Opad Electric Corp.
Telectric Corp.
Telectric Corp.
Telectric Corp.
Telectric Corp.
Telectric Corp.
Thompson Products, Inc.
United Electricdynamics, Div.-United Geophysical Corp.
Varo Mfg. Co.
Wickes Engrg. & Construction Co. Inc.

INVERTERS, RECTIFIER

#### INVERTERS, RECTIFIER

INVERTERS, RECTIFIER

American Research & Mfg. Corp.
Arnoux Corp.
Avion Div.-ACF Industries, Inc.
Bogue Electric Mfg. Co.
Joe Davidson & Associates
Electronic Techniques, Inc.
Goslin Electric & Mfg. Co.
Green Rectifier Co.
Hammetr Electric Co.
Hammetr Electric Co.
Whotorola Inc., Military Marketing Div.
Opad Electric Corp.
Telectro Industries Corp.
Thompson Products, Inc.
Varo Mfg. Co.
Wickes Engrg. & Construction Co. Inc.

#### IRONS, SOLDERING

Acoustica Associates, Inc.
American Electrical Heater Co.
Ideal Industries, Inc.
General Electric Co., Apparatus Sales Div.
Selas Corp. of America
Telectro Industries Corp.
Vulcan Electric Co., Div.-Consolidated Electric
Lamp Co., Inc.
P. Wall Mfg. Co.
Teophyr Mfg. Co. Inc.

#### ISOLATION UNITS

Federal Shock Mount Div.-The Korfund Co. E. F. Johnson Co. Multi-Amp Corp. United Transformer Corp. Wilcox Electric Co., Inc.

#### JACKS

Accurate Electronics Corp., Dept. D
Aerolite Electronics Corp.
Alden Products Co.
Anatom Electronic Hardware Co. Inc.
Champion Airquipment Inc.
Connector Corp.
Joyce Cridland Co., The
G. W. Galloway Co.
General Cement Mfg. Co., Div.-Textron Inc.

Hein-Werner Corp.
E. F. Johnson Co.
Howard B. Jones Div.-Cinch Mfg. Corp.
Kemp Aero Products, Div.-Kemp Inc.
Remp Inc.
Pacific Coast Engrg. Co.
Pitman Mfg. Co.
H. K. Porter Inc.
\*RECENT JACK MFG. CO., INC.
Richards Electrocraft, Inc.
Sancor Corp.
Superex Electronics Corp.
Switchcraft, Inc.
Telectro Industries Corp.
Templeton, Kenly & Co.
Ucinite Co., The, Div.—United-Carr Fastener
Corp. Corp. Vard Inc. Wheland Co., The

#### JUMPERS, BONDING

Aerolite Electronics Corp.
Hallett Mfg. Co.
International Electric Industries, Inc.
Janco Corp.
Telectro Industries Corp.

#### KITS, MODIFICATION

KITS, MODIFICATION

Abrams Instrument Corp.
Aerolite Electronics Corp.
\*COOPER DEVELOPMENT CORP.
\*CORNELIUS CO., THE
Eaton Mfg. Co., Inc., Fredric Flader Div.
First Electronics Corp., The
Goodyear Aircraft Corp.
International Pump & Machine Works
W. L. Maxson Corp., The
Minneapolis-Honeywell Regulator Co., Aeronautical Div.
Modqlin Co. Inc.
Republic Aviation Corp., Guided Missiles Div.
Richards Electrocraft, Inc.
Superex Electronics Corp.
Telectro Industries Corp.
Winder Aircraft Corp. of Fla.

#### KITS, GEIGER COUNTER

Eaton Mfg. Co., Inc., Fredric Flader Div. Telectro Industries Corp.

#### KITS, PORTABLE LIGHTING

Barker Sales Co.
Blowers Inc.
Day-Ray Products, Inc.
Eaton Mig. Co., Inc., Fredric Flader Div.
Electronic Measurements Corp.
Engrg. Developments, Inc.
First Electronics Corp., The Gremco,

Gremco, Inc.
Grimes Mfg. Co.
\*PHOENIX PRODUCTS CO.
Republic Aviation Corp., Guided Missiles Div.
Telectro Industries Corp.
Wickes Engrg. & Construction Co. Inc.
Winder Aircraft Corp. of Fla.

#### KITS, TEST EQUIPMENT

Abrams Instrument Corp.
Accessory Controls & Equipment Corp.
Brooks Rotameter Co.
Calcor Corp., Aircraft Div.
Centronix Inc.
\*\*CORNELIUS CO., THE
Eaton Mig. Co., Inc., Fredric Flader Div.
First Electronics Corp., The
Ford Instrument Co., Div.-Sperry Rand Corp.
Goodyear Aircraft Corp.
Greenbrier Instruments Inc.
Hickok Electrical Instrument Co., The
E. Vernon Hill & Co.
\*\*KAHN & CO., INC.
Kaiser Aircraft & Electronics Div.-Kaiser Industries Corp.
Minneapolis-Honeywell Regulator Co., Aeronautical Div.
Multi-Amp Corp.
George L. Nankervis Co., Inc.
Radar Design Corp.
Republic Aviation Corp., Guided Missiles Div.
Rocketdyne Div., North American Aviation, Inc.
Schaffer Air Industries, Inc.
Sun Electric Corp.
Telectro Industries Corp.
Thompson Products, Inc.
United Mig. Co. Div., The W. L. Maxson Corp.
Warren Mig. Div., Warren Brothers Roads Co.
Wells Industries Corp.
Winder Aircraft Corp. of Fla.

#### **LACQUERS**

Delta Chemical Works, Inc. Fidelity Chemical Products Corp. Krylon, Inc. Naz-Dar Co. Vorac Co. The Waldom Electronics Inc.

#### LAMINATORS, PLASTIC HIGH **PRESSURE**

PRESSURE

Allied Engraving & Stamping Co.
Allied Plastics Supply Corp.
American Printed Circuits Co., Inc.
Arrowhead Products, Div.—Federal-Mogul-Bower
Bearing, Inc.
Continental Diamond Fibre Corp., Sub.—The
Budd Co.
Pranklin Fibre-Lamitex Corp.
Hastings Plastics Inc.
Joclin Mig. Co.
Met-L-Wid Corp.
New England Laminates Co., Inc.
Raybestos-Manhattan, Inc.
St. Regis Paper Co.
Star Engraving Co., Ltd.
Star Engraving Co., Ltd.
Synthane Corp.
Yellow Co.
Wappler, Inc.

#### LAMPS, INSPECTION

Art Specialty Co.
Baird-Atomic, Inc.
Blowers Inc.
Chicago Miniature Lamp Works
Day-Ray Products, Inc.
Engrg. Developments, Inc.
Hammett Electric Co.
\*OPTO-METRIC TOOLS, INC.
Radiant Lamp Corp.
Shannon Luminous Materials Co.

#### LAMPS, PROJECTION

\*COOPER DEVELOPMENT CORP.
Graflex, Inc.
Hammett Electric Co. Radiant Lamp Corp.
\*WESTINGHOUSE ELECTRIC CORP.

#### LAUNCHERS, AIRBORNE ROCKET

Aircraft Mechanics, Inc. Aircraft Standards, Inc. All American Aircraft Products, Inc. American Car & Foundry Div., ACF Industries,

Inc.
AMERICAN MACHINE & FOUNDRY CO.
Applied Design Co.
Basic Tool Industries, Inc.
Cleveland Pneumatic Tool Co., The, Div.
Cleveland Pneumatic Industries, Inc.
Consolidated Diesel Electric Corp., Test Equip.

Div.

\*\*COOPER DEVELOPMENT CORP.
Cromer Mfg. & Engrg., Inc.
Ditmore-Freimuth Corp.
\*\*PUTENSEY ENGRG. CO.
G. M. Dykes Iron Works, Inc.
Emerson Electric Mfg. Co., The, Electronics &
Avionics Div.
Food Machinery & Chemical Corp., Ordnance
Div.
General Electric Co., Missile & Ordnance

Food Machinery & Chemical Corp., Ordnance Div.
General Electric Co., Missile & Ordnance Systems Dept. (Yt.)
Gremco, Inc.
Kaiser Aircraft & Electronics Div.-Kaiser Industries Corp.
Kelsey-Hayes Co.
Philco Corp., Government & Industrial Divs.
Propellex Chemical Corp.
Republic Aviation Corp., Guided Missiles Div.
Sancor Corp.
Sargent Engrg. Corp.
Standard Armament Inc.
Sun Electric Corp.
Standard Armament Inc.
Sun Electric Corp.
Stanley Aviation Corp.
Talco Engrg. Co., The
Thieblot Aviation Co., Div.-Vitro Corp. of
America
Thompson Products, Inc.
United Mfg. Co., The
\*WASHINGTON ALUMINUM CO., INC.
Washington Technological Associates, Inc.
Wells Industries Corp.

#### LAUNCHERS, GROUND BASED MISSILES

Aircraft Armaments, Inc. Aircraft Equipment Div.-Consolidated Diesel Elec-tric Corp. fric Corp. Aircraft Mechanics, Inc. Aircraft Standards, Inc. All American Aircraft Products, Inc. American Car & Foundry Div., ACF Industries,

Inc.

\*\*AMERICAN MACHINE & FOUNDRY CO.

American Steel Foundries, Hammond Div.

Applied Design Co.

Basic Tool Industries, Inc.

\*\*BAUSCH & LOMB OPTICAL CO.

Bendix Products Div., Bendix Aviation Corp.

E. W. Bliss Co.

Calcor Corp., Aircraft Div.

Champion Airquipment Inc. Cleveland Pneumatic Tool Co., The, Div.-Cleveland Pneumatic Industries, Inc. Consolidated Diesel Electric Corp., Test Equip.

Cleveland Pneumatic Industries, Inc.
Consolidated Diesel Electric Corp., Test Equip.
Div.
Cromer Mfg. & Engrg., Inc.
Danly Machine Specialties, Inc.
G. M. Dykes Iron Works, Inc.
Dynametrics Corp.
Emerson Electric Mfg. Co., The, Electronics &
Avionics Div.
Food Machinery & Chemical Corp., Ordnance
Div.
Four Wheel Drive Auto Co., The
\*FRUEHAUF TRAILER CO.
G. W. Galloway Co.
General Electric Co., Missile & Ordnance
Systems Dept. (Yt.)
Goodyear Aircraft Corp.
Gremco, Inc.
Haskell Engrg. & Supply Co.
Hicks Corp., The
Kaiser Aircraft & Electronics Div.-Kaiser Industries Corp.
Kelsey-Hayes Co.
Loewry-Hydropress
Macks Trucks, Inc., Govt. Div.
McDowell Co. Inc.
Minneapolis-Honeywell Regulator Co., Ordnance
Div.
Nuclear Products-Erco. Div.-ACF Industries, Inc.

Minneapolis-Honeywell Regulator Co., Ordnance Div.
Nuclear Products-Erco. Div.-ACF Industries, Inc. Opelika Welding, Machine & Supply, Inc. Pacific Coast Engra Co.
Parish Pressed Steel, Div.-Dana Corp.
Philips & Davies Inc.
Propellex Chemical Corp.
Republic Aviation Corp., Guided Missiles Div.
Rucker Co., The
Sancor Corp.
Shandard Armament Inc.
Sun Electric Corp.
Thieblot Aviation Co., Div.-Vitro Corp. of
America
Thompson Products, Inc.
\*TRAILMOBILE INC.
United Mig. Co., The
\*VICKERS INC. MARINE & ORDNANCE DEPT.,
MACHINERY HYDRAULICS DIV.
Warren Mig. Div., Warren Brothers Roads Co.
\*WASHINGTON ALUMINUM CO., INC.
Washington Technological Associates Inc.
Wayne Pump Co., The
Wells Industries Corp.
Wheland Co., The
Wells Industries Corp.
Wheland Co., The
Wickfield, Inc.

IFNSES INSPECTION

#### LENSES, INSPECTION

LENSES, INSPECTION

American Optical Co., Instrument Div. Buhl Optical Co.
Eastman Kodak Co.
Eastman Kodak Co.
Elastic Stop Nut Corp. of America Engra. Developments. Inc.
\*\*HATWARD SCIENTIFIC GLASS CORP.
Librascope Inc.
O & S Research, Inc.
Pacific Universal Products Corp.
Star Engraving Co., Ltd.
Woolensak Optical Co.

#### LIGHT SUPPLIES

\*COOPER DEVELOPMENT CORP.
Day-Ray Products, Inc.
Star Engraving Co., Ltd.
Telectro Industries Corp.

#### LIGHTING, COLD CATHODE

\*COOPER DEVELOPMENT CORP. General Scientific Equipment Co. Kemlite Laboratories, Inc. Julian A. McDermott Corp. Star Engraving Co., Ltd.

#### LIGHTING EQUIPMENT, **EMERGENCY**

EMERGENCY

Aircraft Equipment Div.-Consolidated Diesel Electric Corp.,
American Television & Radio Co.
Blowers Inc.

\*\*COOPER DEVELOPMENT CORP.\*\*

\*\*EXIDE INDUSTRIAL DIV.-THE ELECTRIC STORAGE BATTERY CO.
First Electronics Corp., The Hammert Electric Co.
Hershey Mig. Co.
International Electric Industries, Inc.
International Fermont Machinery Co., Inc.
Julian A. McDermott Corp.

\*\*PHOENIX PRODUCTS CO.
M. L. Snyder & Son, Inc.
Star Engraving Co., Ltd.

#### LIGHTING EQUIPMENT, PRESET **PANELS**

\*AMERICAN MACHINE & FOUNDRY CO. Hammett Electric Co. International Electric Industries, Inc. Master Specialities Co. \*MISSILE COMPONENTS GROUP, ELECTROSNAP SWITCH & MFG. CO.

#### LIGHTING EQUIPMENT, TOWER

First Electronics Corp., The Hammett Electric Co. Hershey Mfg. Co. United Mfg. Co., The \*WASHINGTON ALUMINUM CO., INC. Wind Turbine Co.

#### LIGHTNING ARRESTERS

Airtron, Inc.
Garde Mfg. Co.
General Electric Co., Apparatus Sales Div.
Hi-Lo Manufacturing Corp.
Telectro Industries Corp.
\*WESTINGHOUSE ELECTRIC CORP. Wind Turbine Co.

#### LIGHTS

Davenport Mfg. Co. Grimes Mfg. Co. Hammett Electric Co.

Hammett Electric Co.

#### Flood

Blowers Inc.
General Electric Co., Apparatus Sales Div.
Grimes Mfg. Co.
Hammett Electric Co.
International Electric Industries, Inc.
\*\*PHOENIX PRODUCTS CO.
Pyle-National Co., The
Radiant Lamp Corp.
\*WESTINGHOUSE ELECTRIC CORP.

#### Fluorescent

Alden Systems Co.
Day-Ray Products, Inc.
Grimes Mfg. Co.
Hammett Electric Co.
Marco Industries Co.
\*WESTINGHOUSE ELECTRIC CORP.

#### Glow

Alden Systems Co.
Amglo Corp.
Chicago Miniature Lamp Works
Dialight Corp.
Hammett Electric Co.
Hudson Lamp Co.
Signalite Inc.
Ultra-Violet Products, Inc.

#### Incandescent

Alden Systems Co.
Chicago Miniature Lamp Works
Circon Component Corp. Circon Component Corp.

\*\*COOPER DEVELOPMENT CORP.

Dialight Corp.
General Cement Mfg. Co., Div.-Textron, Inc.
Hammert Electric Co.
Hudson Lamp Co.
Marco Industries Co.
Pyle-National Co., The
Radiant Lamp Corp.

\*WESTINGHOUSE ELECTRIC CORP.

#### Indicator

Adden Products Co.

Burroughs Corp., Electronic Tube Div.

Dialight Corp.
General Electric Co., Apparatus Sales Div.
General Railway Signal Co.
Grimes Mig. Co.
Hammett Electric Co.
Hammett Electric Co.
Signalite Inc.
Star Engraving Co., Ltd.
Ucinite Co., The, Div.—United-Carr Fastener
Corp. \*WESTINGHOUSE ELECTRIC CORP.

#### Spot

Blowers Inc.
Grimes Mfg. Co.
Hammett Electric Co.
Radiant Lamp Corp.
\*WESTINGHOUSE ELECTRIC CORP.

#### Stroboscopic Source

Amglo Corp.

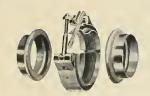
Davenport Mfg. Co.
Edgerton, Germeshausen & Grier, Inc.
Graflex, Inc.
Hershey Mfg. Co.
Kemlite Laboratories, Inc.

#### LOCKS, DIAL

Amatom Electronic Hardware Co. Inc. Birnbach Radio Co., Inc.

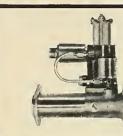
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General Components Inc.
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Keystone Electronics Corp.
National Lock Co.
Star Engraving Co., Ltd.
Telectro Industries Corp.
Waldom Electronics Inc.

#### LOCKS, GENERAL

Adams Rite Mfg. Co. Aviation Developments Inc. National Lock Co.

#### LOCKS, HYDRAULIC

Bridgwater Machine Co.
Hydra-Power Corp.
Kemp Aero Products, Div. Kemp Inc.
Pacific Div. Bendix Aviation Corp.
Thompson Products, Inc.
\*VICKERS INC.
MACHINERY HYDRAULICS DIV.
Weston Hydraulics, Ltd.

#### LOCKS, SHAFT

Amatom Electronic Hardware Co., Inc.
Birinbach Radio Co., Inc.
Bridgwater Machine Co.
Dalmore Components
Goog Engra Co.
Keystone Electronics Corp.
Waldom Electronics Inc.

#### LUGS

AMP Inc.
Amatom Electronic Hardware Co., Inc.
American Brass Co., The
Corbin Products Div.
Federal Screw Products Inc.
Goe Engrg. Co.
Walter K. Jaros, Aircrafters
Kulka Electric Corp.
Malco Tool & Mig. Co.
Pic Design Corp., Sub.—Benrus Watch Co., Inc.
Sinclair Mig. Co.
\*TRAILMOBILE INC.
Waterbury Companies, Inc.

#### MACH LIMIT SWITCHES

Cutler-Hammer Inc.
Eclipse-Pioneer Div., Bendix Aviation Corp.
Kollsman Instrument Corp., Sub.—Standard Coil
Products Co., Inc.
\*\*WALLACE O. LEOMARD, INC.
Marquardt Aircraft Co.
Sealectric Switch & Relay Corp.
M. Ten Bosch, Inc.

#### **MACHINES**

Acromark Co., The Associated American Winding Co., Inc. Jones & Lamson Machine Co. Jas. H. Matthews & Co. McKenna Labs.

#### Abrasive Cutting

Acoustica Associates, Inc.
Bell & Gossett Co.
Eisler Engrg. Co., Inc.
Engelberg Huller Co., Inc.
Sheffield Corp., The, Sub.—Bendix Aviation Corp.

#### Air Conditioning

Ellis & Watts Products, Inc. Ellis & Watts Products, Inc. Gremco, Inc. International Radiant Corp. Ready Power Co., The Typhoon Air Conditioning Co., Div.-Hupp Corp. Universal Dynamics Corp.

#### Balancing

Cosa Corp. Hickok Electrical Instrument Co., The Stewart-Warner Corp. Warren Mfg. Div., Warren Brothers Roads Co.

#### Bending

Cleveland Crane & Engrg. Co., The Denison Engrg. Div., American Brake Shoe Co. G. W. Galloway Co. Philips & Davies Inc. H. K. Porter Inc. Rotex Punch Co., Inc. T. W. & C. B. Sheridan Co. \*TRAILMOBILE INC.

Elgin Micronics, West Coast Div.-Elgin National Watch Co.
Paragon-Revolute Corp.
\*TRAILMOBILE INC.

#### Capacitor Manufacturing

Associated American Winding Co., Inc. Barnes Development Co. J. P. DeVine Mfg. Co. Electron Products Inc.

#### Cleaning

Acoustica Associates Inc.
Auburn Spark Plug Co., Inc.
Black & Decker Mfg. Co., The
Curtiss-Wright Corp., Industrial & Scientific
Products Div.
Industrial Washing Machine Corp.
Gerard G. Leeds Co., Inc.
McKenna Labs.
Penetone Co., The
Pioneer-Central Div., Bendix Aviation Corp.
Siebring Mfg. Co.
Wye Industries

#### Coil Winding

Associated American Winding Co., Inc. Cosa Corp. Alfred Hofmann & Co. Kahle Engrg. Co. J. W. Miller Co. Southwestern Industrial Electronics Co.

#### Counting

Erie Resistor Corp.
Potter Aeronautical Corp.

#### Crystal Manufacturing & Finishing

P. R. Hoffman Co. Kahle Engrg. Co. NRC Equipment Corp. United States Dynamics Corp.

#### Cutting

Ackerman Gould Co.
Barnes Development Co.
Barnes Decker Mfg. Co., The
Cleveland Crane & Engrg. Co., The
Kahle Engrg. Co.
H. K. Porter Inc.
United Shoe Machinery Corp.
Wenco Mfg. Co.

#### Diecasting

Anchor Metal Co. Inc. Hydraulic Press Mfg. Co., The, Div.-Koehring Co. Lake Erie Machinery Corp.

#### Electric Soldering

Acoustica Associates, Inc. Eisler Engrg. Co., Inc. Kahle Engrg. Co.

#### Electron Tube

Kahle Engrg. Co. Litton Engrg. Labs. Telectro Industries Corp.

#### Electronic Balancing

Hickok Electrical Instrument Co., The

#### Electronic Transcribing

Barnes Development Co. Curtiss-Wright Corp., Industrial & Scientific Products Div.

#### Engraving & Profiling

Barnes Development Co.
Cosa Corp.
Elgin Micronics, West Coast Div.-Elgin National
Watch Co.
Green Instrument Co.
Onsrud Machine Works Inc.
H. P. Preis Engraving Machine Co.

#### Forming

\*BAUSCH & LOMB OPTICAL CO. Cleveland Crane & Engrg. Co., The Denison Engrg. Div., American Brake Shoe Co. Hydraulic Press Mfg. Co., The, Div.-Koehring Co. Kahle Engrg. Co. Nuclear Products-Erco, Div.-ACF Industries, Inc. Quick Charge Corp. Stanat Mfg. Co., Inc.

#### Glass Working

Acme Industrial Co.
Denison Engrg. Div., American Brake Shoe Co. Esjer Engro Co. Inc.
\*HAYWARD SCIENTIFIC GLASS CORP.
International Pump & Machine Works
Kahle Engrg. Co.
Lithon Engrg. Lebs.
O & S Research, Inc.
Philadelphia Scientific Glass Co.

#### Hermetic Sealing

Cedar Engrg. Div.-Control Data Corp.
Diamonite Products Mfg. Co.
Elgin Micronics, West Coast Div.-Elgin National
Watch Co.
Alfred Hofmann & Co.
International Pump & Machine Works
Kahle Engrg. Co.
Minneapolis-Honeywell Regulator Co., Aeronautical Div.
Southwestern Industrial Electronics Co.
D. M. Steward Mfg. Co.

#### **Impregnating**

J. P. DeVine Mfg. Co. Electron Products Inc. Guardite Co., Div. of American-Marietta Co. High Vacuum Equipment Corp. International Pump & Machine Works NRC Equipment Corp.

#### Lamination Stacking

Cedar Engrg. Div.-Control Data Corp. Denison Engrg. Div.-American Brake Shoe Co. Minneapolis-Honeywell Regulator Co., Aero-nautical Div.

#### Marking

Marking

A&P Metal Products Mfg, Corp.
Ackerman Gould Co.
Accormark Co., The
W. H. Brady Co.
Curtiss-Wright Corp., Industrial & Scientific
Products Div.
Denison Engrg. Div.-American Brake Shoe Co.
Jones & Lamson Machine Co.
Kahle Engrg. Co.
Jas. H. Matthews & Co.
Metal Masters, Inc.
H. P. Preis Engraving Machine Co.
Pyror Marking Products
Roovers-Lotson Corp.
H. C. Sweet Co.

#### Metal Forming

Metal Forming

ACF Industries, Inc., Advanced Products Div. E. W. Bliss Co. The

E. W. Bliss Co. The

Cleveland Crame & Engrg. Co., The

Denison Engrg. Div.-American Brake Shoe Co.

Elgin Micronics, West Coast Div.-Elgin National
Watch. Co., Hydraulic Press Mfg. Co., The, Div.-Koehring Co.

Kahle Engrg. Co.

Westlake Plastics, CrystalX Corp.

Loew-Hydropress, Div.-Baldwin-Lima-Hamilton
Marchant Machining Corp.

Metal Forming Corp.

Metal Masters, Inc.

Nuclear Products-Erco, Div.-ACF Industries, Inc.

Penn-Michigan Mfg. Corp.

H. K. Porter Inc.

Quick Charge Corp.

Roland Teiner Co. Inc.

Roland Teiner Co. Inc.

Shaw Metal Products Corp.

T. W. & C. B. Sheridan Co.

Stanat Mfg. Co., Inc.

Superior Spinning & Stamping Co.

Torrington Co., Inc.

Superior Spinning & Stamping Co.

#### Modular & Automatic Assembly

Alden Systems Co. Barnes Development Co. Denison Engrg. Div.-American Brake Shoe Co. Alfred Hofmann & Co. Kahle Engrg. Co. Stromberg-Carlson, Electronics Div.

#### Photocopy & Whiteprint

Paragon-Revolute Corp.
Peerless Photo Products Inc.
Stromberg-Carlson, Electronics Div.

#### Plastic Press

ES. W. Biss Co.
Clark-Aiten Co., The
Crystal X Corp.
Denison Engrg. Div.-American Brake Shoe Co.
G. W. Galloway Co.
Hydraulic Press Mfg. Co., The, Div.-Koehring
Co.
Truston Industries, Inc.
Westlake Plastics, Crystal X Corp.

#### Riveting

Denison Engrg. Div.-American Brake Shoe Co. Eyelet Tool Co. Inc.
B. F. Goodrich Aviation Products
Marchant Machining Corp.
Nuclear Products-Erco. Div.-ACF Industries, Inc.
Quick Charge Corp.
Superior Pneumatic & Mfq., Inc.
United Shoe Machinery Corp.

#### Shock Testing

\*AMERICAN MACHINE & FOUNDRY CO. Columbia Research Labs.

G. W. Galloway Co.
Guiton Industries, Inc.
International Radiant Corp.
\*RESEARCH ADVANCED DEVELOPMENT DIV.AVOO MFG. CORP.
Warren Mfg. Div.-Warren Brothers Roads Co.

Soldering

Acoustica Associates, Inc.
Alpha Metals, Inc.
Alpha Metals, Inc.
Products Div.
Kalle Engrg. Co.
London Chemical Co., Inc.
Penn-Michigan Mfg. Corp.
Selas Corp. of America

Tube Manufacturing

Engelhard Industries Inc., D. E. Makepeace Div. Alfred Hofmann & Co. International Pump & Machine Works Kahle Engrg. Co. Litton Engrg. Labs. Metal Forming Corp.

#### Wire Stripping

Artos Engrg. Co. Reeve Electronics, Inc.

#### MAGNETIZERS & **DEMAGNETIZERS**

Anchor Specialty Mfg. Co. Inc. Arnold Engrg. Co., The Crucible Steel Co. of America Electromation Co. Green Rectifier Co. Hammett Electric Co. Indiana Steel Products Co., Inc. Kinevox-Hallen Librascope Inc. Metallurgical Products Dept., General Electric Co.
Permag Corp.
Southwestern Industrial Electronics Co.

# MATERIALS HANDLING

EQUIPMENT

Alad Aluminum Ladder Corp.
Alden Systems Co.
American Conveyor Co.
\*AMERICAN MACHINE & FOUNDRY CO.
American Research & Mfg. Corp.
American Welding & Mfg. Corp.
American Welding & Mfg. Corp.
American Welding & Mfg. Corp.
Champion Airquipment Inc.
Champion Co., The
Chisholm-Moore Hoist Div.-Columbus McKinnon Chein Corp.
Cleveland Crane & Engrg. Co., The
Fairbanks Co., The
Food Machinery & Chemical Corp., Ordnance
Div.
Four Wheel Drive Auto Co., The
\*\*FRUEHAUF TRAILER CO.
Harvey Aluminum
Walter J. Hyatt Co., The
Industrial Television Inc.
Kaiser Steel Corp., Fabricating Div.
R. C. Mahon Co., The
Nuclear Products-Erco, Div.-ACF Industries, Inc.
Petitibone Mulliken Corp.
Pitman Mfg. Co.
\*\*RESEARCH & ADVANCED DEVELOPMENT DIV.
\*\*AVCO MFG. CORP.
Steams-Roger Mfg. Co.
Stewart-Warner Corp.
Telectro Industries Corp.
United Mfg. Co., The
Vickers Inc., Div.-Sperry Rand
Washington Technological Associates Inc.
Wells Industries Corp.
Albert Wesling & Sons Inc.
\*\*MECANIJONES. ELECTRONIC.\*\* **EQUIPMENT** 

#### MEGAPHONES, ELECTRONIC

Telectro Industries Corp.
Tensor Electric Development Co., Inc.
Terminal Radio Corp.

#### MICROPHONES

AICROPHONES

Elgin National Watch Co.
International Research Associates
Photocon Research Products
Roanwell Corp.
Roflan Co., The
Rowe Industries
Shure Brothers, Inc.
Southwestern Industrial Electronics Co.
I-C Div.—Dyna-Empire, Inc.
Ielectro Industries Corp.
Tensor Electric Development Co., Inc.
Terminal Radio Corp.
Universal Microphone Co.
Victor Electric Wire & Cable Corp.

#### MISSILES, GROUND CHECK-OUT-EQUIPMENT

\*AC SPARK PLUG DIV., GENERAL MOTOR CORP.
ACF Industries, Inc., Advanced Products Div.
Accessory Controls & Equipment Corp.
Acoustica Associates, Inc.
Advance Industries, Inc.
Aeroquip Corp.
Aircraft Armaments, Inc.
Aircraft Equipment Div.-Consolidated Diesel
Electric Corp.
Electric Corp.
Aircraft Armaments, Inc.
Aircraft Corp.
Aircraft Corp. Electric Corp.
American Car & Foundry Div.-ACF Industries, Inc.
American Electronics, Inc., Data-Tronics Div.
\*AMERICAN MACHINE & FOUNDRY CO.
American Research & Mig. Corp.
Analogue Controls, Inc.
Anderson, Greenwood & Co.
Arma Div.-American Bosch Arma Corp.
Arnolt Corp.
Auto-Control Labs., Inc.
Autonetics, Div.-North American Aviation, Inc.
BJ Electronics, Borg-Warner Corp.
Barber-Colman Co.
Basic, Tool Industries, Inc.
Bendix Aviation Corp., York Div.
Bendix Products Div.-Bendix Aviation Corp.
Bogue Electric Mig. Co.
Calcor Corp., Aircraft Div.
Cardinal Instrumentation Corp.
Consolidated Avionics Corp.
Consolidated Avionics Corp.
Consolidated Diesel Electric Corp., Test Equip.
Div.
\*COOPER DEVELOPMENT CORP.

Consolidated Diesel Electric Corp., Test Equip.
Div.

\*COOPER DEVELOPMENT CORP.
James Cunningham Son & Co., Inc.

\*DATA-CONTROL SYSTEMS INC.

Davidson Mfg. Co.

Dynametrics Corp.
Eclipse-Pioneer Div.-Bendix Aviation Corp.
Electronics Dept., Hamilton Standard Div.Electronics Dept., Hamilton Standard Div.United Aircraft Corp.
Emerson Electric Mfg. Co., The, Electronics
& Avionics Div.
Erwood Inc.
Farnsworth Electronics Co., Div.-Int'l Telephone
& Telegraph Corp.
Fenske Fedrick & Miller Co.
Food Machinery & Chemical Corp., Ordnance
Div.
Ford Instrument Co., Div.-Sperry Rand Corp.
Garde Mfg. Co., Div.-Sperry Rand Corp.
Garde Mfg. Co.
FOORP., THE, AIRESEARCH MFG.
Corister Labs

GARRETT CORP., THE, AIRESEARCH MFG.
DIVS.
Geisler Labs.
General Controls Co.
General Electric Co., Missile & Ordnance
Systems Dept. (Pa.)
General Electric Co., Missile & Ordnance
Systems Dept. (Vt.)
Goodyear Aircraft Corp.
Greenleaf Mfg. Co., The, Div.-Mandrel Industries
Inc.

Goodyear Aircraft Corp.
Greenleaf Mig. Co., The, Div.-Mandrel Industries Inc.
Gremco Inc.
Gremco Inc.
Guardian Electric Mfg. Co.
Hallamore Electronics Co.
Hoover Electronics Co.
KAHN & CO., INC.
Kaiser Aircraft & Electronics Div.-Kaiser Industries Corp.
Kaiser Steel Corp., Fabricating Div.
Kearfott Co., Inc.
Lane Electronics Mfg. Corp.
\*WALLACE O. LEONARD, INC.
Librascope Inc.
Li

Microwave Co.
Co.
Milman Engrg, Co.
Minco Products, Inc.
Minneapolis-Honeywell Regulator Co., Aeronautical Div.
Minneapolis-Honeywell Regulator Co., Boston
Niv.
Minneapolis-Honeywell Regulator Co., Ordnance Div. Minneapolis-Honeywell Regulator Co., Ordnance

Minneapolis-Honeywell Regulator Co., Ordnance Div.

\*MISSILE COMPONENTS GROUP, ELECTRO-SNAP SWITCH & MFG. CO.

Modglin Co. Inc., Military Marketing Div. George L. Nankervis Co. Nuclear Products-Erco, Div.-ACF Industries, Inc.

\*\*\*PACKARP-BELL ELECTRONICS CORP.

Ralph M. Parsons Co., The Electronics Div. Philco Corp., Government & Industrial Divs.

Pioneer-Central Div., Bendix Aviation Corp.

Radio Corporation of America, Defense Electronics Corp.

Reseal Electronics Corp.

\*\*RESEARCH & ADVANCED DEVELOPMENT DIV., AVCO MFG. CORP.

\*\*RESEARCH & ADVANCED DEVELOPMENT DIV., AVCO MFG. CORP.

\*\*RESEARCH & ADVANCED DEVELOPMENT DIV., Cockedfor Div., North American Aviation, Inc. Ryan Aeronautical Co. Schaffer Air Industries, Inc. Servomechanisms, Inc.

Stratos, Div.-Fairchild Engine & Airplane Corp.

Stromberg-Carlson, Electronics Div.
Sun Electric Corp.
Stanley Aviation Corp.
Technical Oil Tool Corp.
Thieblot Aviation Co., Div.-Vitro Corp. of America
Thompson Products, Inc.
\*\*TRAILMOBILE, INC.
United Mfg. Co. Div., The W. L. Maxson Corp.
United Mfg. Co. Div., The W. L. Maxson Corp.
Viaro Mfg. Co.
Vickers Inc., Div.-Sperry Rand
\*VICKERS INC., MARINE & ORDNANCE DEPT.,
MACHINERY HYDRAULICS DIV.
\*\*WAHINGTON ALUMINUM CO., INC.
Washington Technological Associates Inc.
Wilckfield, Inc.,
Winder Aircraft Corp. of Fla.

#### MOTORS, HYDRAULIC

\*VICKERS INC., MARINE & ORDNANCE DEPT., MACHINERY HYDRAULICS DIV.

#### NAILS, SPECIAL

Allmetal Screw Products Co., Inc.
Capewell Mfg. Co.
Copperweld Steel Co., Wire & Cable Div.
Corbin Products Div.
G. M. Dykes Iron Works, Inc.
John Hassall, Inc.
Walter K. Jaros, Aircrafters
United Shoe Machinery Corp.

#### NAVIGATION EQUIPMENT, GROUND

Advance Industries, Inc. Analogue Controls, Inc. Bendix Aviation Corp., York Div. Brubaker Electronics, Inc., Sub. Telecomputing

Analogue Controls, Inc., Sub-Telecomputing Corp.
Brubaker Electronics, Inc., Sub-Telecomputing Corp.
CORD.
C

#### NEEDLES, DIAMOND

Advance Industries, Inc. Bergen Carbide Co. Moser Jewel Co.

#### NEEDLES, METAL Moser Jewel Co.

#### NEEDLES, STEEL

Moser Jewel Co. Nuclear Corp. of America, Inc.

#### NUCLEAR MANIPULATORS

\*AMERICAN MACHINE & FOUNDRY CO.
\*ANTON ELECTRONIC LABS., INC.
General Nuclear Corp.
Mechanical Div.-General Mills, Inc.
Nuclear Corp. of America, Inc.
Telectro Industries Corp.

# NUCLEAR METERS, COUNTING

\*ANTON ELECTRONIC LABS., INC.
BJ Electronics, Borg-Warner Corp.
Baird-Atomic, Inc.
\*COOPER DEVELOPMENT CORP.
Gerard G. Leeds Co., Inc.
Nuclear Corp. of America, Inc.
Patterson, Moos Div. Universal Winding Co., Inc.
Stanley Aviation Corp.
Systron Corp.
Telectro Industries Corp.
Terminal Bastries Corp. Systron Corp.
Telectro Industries Corp.
Terminal Radio Corp.
\*WESTINGHOUSE ELECTRIC CORP.

#### NUCLEAR METERS, DOSIMETER

\*AMERICAN MACHINE & FOUNDRY CO.
\*ANTON ELECTRONIC LABS., INC.
BJ Electronics, Borg-Warner Corp.
Baird-Atomic, Inc.,
Gerard G. Leeds Co., Inc.
Menlo Research Lab.
Nuclear Corp. of America, Inc.
Patterson, Moos Div.-Universal Winding Co., Inc.
Terminal Radio Corp.

#### NUCLEAR METERS, NUCLEAR RADIATION

\*ANTON ELECTRONIC LABS., INC.
Baird-Atomic, Inc.
\*COOPER DEVELOPMENT CORP.
Jordan Electronics, Div.-Victoreen Instrument Co.
Gerard G. Leeds Co., Inc.
Menlo Research Lab.
Minneapolis-Honeywell Regulator Co., Industrial Div.
Nuclear Corp. of America, Inc.
Radiation Counter Labs., Inc.
Riggs Nucleonic Co.
Stanley Aviation Corp.
\*\*WESTINGHOUSE ELECTRIC CORP.
Wunderlich Radio Co.

#### NUCLEAR PROCESSORS. CATACLYSTIC FLOW RATE

Gerard G. Leeds Co., Inc. Nuclear Corp. of America, Inc.

#### NUCLEAR RADIOACTIVE STAK

Davidson Mfg. Co.

#### OPTICAL EQUIPMENT AND **SPECIALTIES**

SPECIALTIES

Acme Industrial Co.
American Optical Co., Instrument Div.
Atlantic Research Corp.
Baird-Atomic, Inc.
\*\*BAUSCH & LOMB OPTICAL CO.
Buhl Optical Co.
Cameron Surgical Specialty Co.
Canderon Surgical Specialty Co.
Coloscilidated Electrodynamics Corp.
Eastman Kodak Co.
Engrg. Developments, Inc.
J. W. Fecker, Inc., Sub.-American Optical Co.
General Railway Signal Co.
General Railway Signal Co.
General Scientific Equipment Co.
Goodyear Aircraft Corp.
Hammett Electric Co.
\*\*HAYWARD SCIENTIFIC GLASS CORP.
Jones & Lamson Machine Co.
Kollsman Instrument Corp., Sub.—Standard Coil
Products Co. Inc.
Librascope Inc.
Librascope Inc.
Lihak Aviation, Inc.
Mast Development Co., Inc.
J. A. Maurer, Inc.
O & S' Research, Inc.
Optomechanisms, Inc.
Pacific Universal Products Corp.
Perskin-Elmer Corp.
Process & Instruments
\*\*RESEARCH & ADWANCED DEVELOPMENT DIV.,
ANCO MFG CORP.
Zenith Opitical Loboratory
Wollensak Optical Co.

#### OVENS, CRYSTAL

Aeronautical & Instrument Div., Robertshaw-Fulton Controls Co.
Bulova Warch Co., Electronics Div.
Clark Crystal Co.
Cox & Co., Inc.
Elm Mfg. Co., Inc.
Hycon Eastern Inc.
Herrick L. Johnston, Inc.
James Knights Co., The
Lavoie Labs., Inc.,
Manson Laboratories, Inc.
McCoy Electronics Co.
Premier Research Laboratories, Inc.
United States Dynamics Corp.
Wright Electronics Inc.

#### OVENS, ENVIRONMENTAL TESTING

Aircraft Standards, Inc.
Associated Testing Labs., Inc.
Auto-Control Labs., Inc.
J. P. DeVine Mig. Co.
Grieve-Hendry Co., Inc.
Guardite Co., Div. of American-Marietta Co.
Herrick L. Johnston, Inc.
R. C., Mahon Co., The
Murphy & Miller Inc.
\*RYAN INDUSTRIES
Tenney Engrg., Inc. Tenney Engrg., Inc. Warren Mfg. Div., Warren Brothers Roads Co.

#### OVENS, INFRA-RED DRYING

R. C. Mahon Co., The Miskella Infra-Red Co., The \*RYAN INDUSTRIES

#### OVENS, TEMPERATURE CONTROLLED

CONTROLLED

Acme Electric Heating Co.
Associated Testing Labs., Inc.
Auto-Control Labs., Inc.
Bulova, Watch Co., Electronics Div.
Devilbiss Co., The
Eisler Engra, Co., Inc.
Grieve-Hendry Co., Inc.
E. Vernon Hill & Co.
A. F. Holiden Co., The
North Atlantic Industries, Inc.
Litton Engra, Labs.
R. C. Mahon Co., The
Menson Laboratories, Inc.
McCoy Electronics Co.
Papesch & Kolstad, Inc.
PHOENIX PRODUCTS CO.
Premier Research Laboratories, Inc.
Resdel Engrg, Corp.
\*\*RYAN INDUSTRIES
Selas Corp. of America
Telectro Industries Corp.
Tenney Engrg, Inc.
United States Dynamics Corp.
Warren Mfg, Div., Warren Brothers Roads Co.
\*\*WESTINGHOUSE ELECTRIC CORP.

#### PACKAGING, ELECTRONIC EQUIPMENT, SERVICE ONLY

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Bendix Aviation Corp., York Div.
Calco Corp., Aircraft Div.
Champion Co., The
Cleveland Metal Specialties Co.
Coleman Engrg., Co., Inc.,
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\*COOPER DEVELOPMENT CORP.
Dayton Aircraft Products, Inc.,
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Falstrom Co. \*ECKOL PAČKAGING CO.
Falstrom Co.
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Link Avistion, Inc.
J. A. Maurer, Inc.
Modglin Co. Inc.
Motorola Inc., Military Marketing Div.
Nuclear Products-Erco, Div.-ACF Industries, Inc.
Ralph M. Parsons Co., The, Electronics Div.
Patterson, Moos Div.-Universal Winding Co., Inc.
\*\*RHEEM MFG. CO., ELECTRONICS DIV.
Telectro Industries Corp.
Thompson Products, Inc.
Topper Mfg. Co., Inc.

#### PACKAGING MATERIALS

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Applied Design Co.
Bekins Industrial Packaging
Champion Co., The
Crystal-X Corp.
Dayton Aircraft Products, Inc.
Draites Design Co.

Dayton Aircraft Products, Inc. Driaire, Inc. \*ECKOL PACKAGING CO. Fidelity Chemical Products Corp. Ludwig Honold Mfg. Co. Humidial Co. Nuckle Mfg. Co. Nopco Chemical Co.

#### PANELS, WOOD AND PLYWOOD

\*ECKOL PACKAGING CO. Met-L-Wood Corp. Modglin Co. Inc. Spartan Marking Corp. Wells Industries Corp.

#### **PEDESTALS**

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Antlab Inc.
Champion Airquipment Inc.
G. W. Galloway Co.
Mechanical Div. General Mills, Inc.
Mendelsohn Speedgun Co., Inc.
Reeves Instrument Corp.
United Mig. Co., The

#### PHOTOGRAPHIC EQUIPMENT

Bar-Ray Products, Inc.
Beattie-Coleman, Inc.
Benson-Lehner Corp.
Charles Beseler Co.
Cameraflex Corp.
Davidson Mfg. Co.
Eastman Kodak CorEdgerton, Germeshausen & Grier, Inc.
General Photo Products Co., Inc.
Graflex. Inc. Graflex, Inc.
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Librascope Inc.
Logetronics Inc.
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J. A. Maurer, Inc.
Minneapolis-Honeywell Regulator Co., Aeronautical Div.
Optomechanisms Inc.
Peerless Photo Products Inc.
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Vought Co.,
Wollensak Optical Co.

#### PHOTOGRAPHIC MATERIALS, **SPECTROGRAPHIC INSTRUMENTS**

\*BAUSCH & LOMB OPTICAL CO. BAUSCH & LOMB OPTICAL CO.
Benson-Lehner Corp.
Librascope Inc.
Mast Development Co., Inc.
Merix Chemical Co.
Minneapolis-Honeywell Regulator Co., Aeronautical Div.
Optomechanisms Inc.
Peerless Photo Products Inc.
United Carbon Products Co.
Vought Co.

#### PHOTOGRAPHIC MATERIALS, X-RAY FILMS

Eastman Kodak Co. Graflex, Inc. Merix Chemical Co.

#### PICKUPS, INDUSTRIAL

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Consolidated Electrodynamics Corp.
Crescent Engrg. & Research Co.
Southwestern Industrial Electronics Co.
Telectro Industries Corp.
Ultradyne, Inc.

#### **PLIERS**

Eyelet Tool Co. Inc. Ideal Industries, Inc. Ketsey-Hayes Co. Owatonna Tool Co. Pic Design Corp., Sub.—Benrus Watch Co., Inc. Utica Drop Forge & Tool Div.-Kelsey Hayes Co.

#### PLYWOOD MANUFACTURERS

United States Plywood Corp.

#### PLYWOOD AND METAL, BONDED

Bar-Ray Products, Inc. Met-L-Wood Corp. Skydine Inc. United States Plywood Corp.

#### POTS, SOLDERING

Acme Electric Heating Co.
Alden Systems Co.
Dittmore-Freimuth Corp.
Eisler Engry. Co., Inc.
Narda Ultrasonics Corp., The
Yulcan Electric Co., Div.-Consolidated Electric
Lamp Co. Inc.

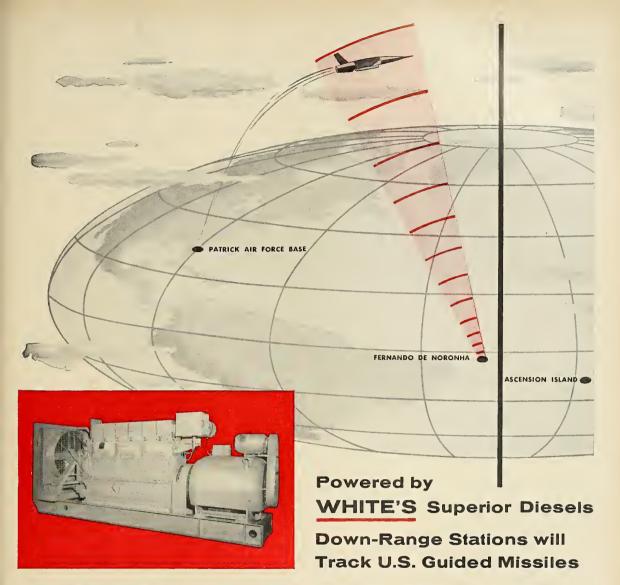
#### POTS & TANKS, HEATING

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General Electric Co., Apparatus Sales Div.
Leach Corp.
\*RYAN INDUSTRIES
Vulcan Electric Co., Div.-Consolidated Electric
Lamp Co. Inc.,
Wells Industries Corp.

#### POWER SOURCES, GROUND

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Aircraft Equipment Div.-Consolidated Diesel
Electric Corp.,
American Welding & Mfg. Co., The
Consolidated Diesel Electric Corp., Test Equip. Div. Joe Davidson & Associates
Eagle-Picher Co., The
\*GARRETT CORP., THE, AIRESEARCH MFG. \*GARRETT CORP., THE, AIRESEARCH MFG.
DIVS.
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Gremco, Inc.
Guided Missile Div.-De Havilland Aircraft of
Canada, Ltd.
Hammert Electric Co.
\*INTERELECTRONICS CORP.

\*INTERELECTRONICS GORP.
International Research Associates
\*KAHN & CO., INC.
Kurz & Root Co.
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Because the guided missile program is vital to U.S. defenses—yet must be conducted with full protection to lives and property—dependability of every piece of tracking equipment is doubly essential. Dependable White's Superior Diesel engines meet the U.S. Air Force

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Portions of other strategic U.S. defense systems, like the "Texas Towers" (Early Warning Radar Stations), the "DEW" line (Distant Early Warning), and the "SAGE" project (Semi-Automatic Ground Environment), will also rely on Superior engines—proof again of their rugged dependability. If your requirements range from 215 to 2150 horsepower, or 150 to 1500 KW, benefit from White's many advanced Superior design features! Get complete information now!



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Rivett Lathe & Grinder Inc.
Rucker Co., The
Sel-Rex Corp.
Sun Electric Corp.
Technical Oil Tool Corp.
Telectro Industries Corp.
Thompson Products, Inc.
Varo Mfg. Co.
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Wells Industries Corp.
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PRODUCTS DIV.
Wickfield, Inc.
Wickes Engrg. & Construction Co. Inc.
Winder Aircraft Corp. of Fla.

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Aircraft Equipment Div.-Consolidated Diesel
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Bendix Aviation Corp., York Div.
Consolidated Diesel Electric Corp., Test Equip. Consolidated Diesel Electric Corp.; Test Edgis,
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Eagle-Picher Co., The
Eafon Mfg. Co.
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Green Rectifier Co.
\*GREER HYDRAULICS, INC. Green Rectifier Co.

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Gremco, Inc.
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Hammelt Electric Co.
Haskell Engrg. & Supply Co.
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Fuels Div.
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PPACKARD-BELL ELECTRONICS CORP.
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Ready Power Co., The
Sun Electric Corp.
Sundstrand Aviation, Div.-Sundstrand Machine
Tool Co.
Talley Corp., The
Electric Industries Corp.
Ultradyne, Inc.
Varo Mfq. Co.
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Wickes Engrq. & Construction Co. Inc. Wickfield, Inc. Wickfeld, Inc. Wickes Engrq. & Construction Co. Inc. Winder Aircraft Corp. of Fla.

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VICKERS INC., MARINE & ORDNANCE DEPT.,
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Wickfield, Inc.

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Walter Kidde & Co., Inc., Aviation Div.
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Air Logistics Corp.

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Macks Trucks, Inc., Govt. Div.

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Motordyne Inc.,

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WHITE DIESEL ENGINE DIV.-THE WHITE

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Higher Electric Co., The
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Higher Electric Co. The
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Oyen Labs., Inc.

Oyen Labs., Inc.

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Superior Electric Co., The

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Wickes Engrg. & Construction Co. Inc.

Wincharger Corp.

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a-C

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\*\*GARREIT CORP., THE, AIRESEARCH MFG.
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Div General Instrument Corp.,
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Munston Mfg. & Service Inc.
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Northwestern Electric Co.
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Sundstrand Turbo Div., Sundstrand Machine
Tool Co.
Sundstrand Turbo Div., Sundstrand Machine
Tool Co.
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Tool Co. Sundstrand Turbo Div., Sundstrand Tool Co.
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Televiso Corp.
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Transistor Devices Inc.
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Acme Electric Corp.

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Baird-Atomic, Inc.

Baird-Atomic, Inc.

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Bendix Aviation Corp., York Div.

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Winder Aircraft Corp. of Fla.

Acme Electric Corp. Adler Electronics, Inc.

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Airborne Instruments Lab., Inc.
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Celco-Constantine Engrg. Laboratories Co.
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Chicago Div., American Bosch Arma Corp.
Christie Electric Corp.
Comsolidated Avionics Corp.
Consolidated Avionics Corp.
Consolidated Avionics Corp.
Consolidated Electrodynamics Corp.
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Eagle-Picher Co., The
Eicor Div.-F. L. Jacobs Co.
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Electronic Assembly Co., Inc.
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Fairfield Engineering Corp.
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General Photo Products
General Railway Signal Co.
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Greenco, Inc.
Genero, Inc.
Genero, Inc.
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Guided Missile Div.-De Havilland Aircraft of

Gremco, Inc.
Guided Missile Div.-De Havilland Aircraft of
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Hagan Chemicals & Controls, Inc.
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Jack & Heintz, Inc.
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\*\*KAHN & CO., INC.
Kearfort Co., Inc.
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Kurz & Root Co.
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Lee Electric & Mig. Co.
Gerard G. Leeds Co., Inc.
Leeds & Northrup Co.
Massen Specialties Co.
Marterury Electronic Co.
Minneapolis-Honeywell Regulator Co., Boston
Minneapolis-Honeywell Regulator Co., Boston

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Minneapolis-Honeywell Regulator Co., Boston Div.

\*MOTOR GENERATOR CORP.

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Munston Mig. & Service, Inc.

Nult Corp.

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Northwestern Electric Co., Opole Electric Co.

Opad Electric Co., Inc.

Northwestern Electric Co., Inc.

Northwestern Electric Co., Inc.

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Patterson, Moos Div. Inc.

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Potter Co., The

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Reeves Instrument Corp.

Reflectone Corp., The

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Seratoga Industries, Inc.

Ryan Aconsulica Co., Seratoga Industries

Salauer Mig. Corp.

Sel-Rex Corp.

Sel-Rex Corp.

Sel-Rex Corp.

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State of Aller Corp.

Transiero Devices Inc.

Transiero Devices Inc.

Ultradyne, Inc.
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Varo Mfg. Co.
Vibration Research Labs., Inc.
Wave Particle Corp.
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Wincharger Corp.
Wincharger Corp. of Fla.

#### Emergency, Mobile

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Barker Sales Co.
Bendix Aviation Corp., Red Bank Div.
Bogue Electric Mfg. Co.
Computer Engrg., Associates, Inc.
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Gremco, Inc.
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Hammett Electric Co.
International Research Associates
Jack & Heintz, Inc.
Keystone Products Co.
Kurz & Root Co.
\*MOTOR GENERATOR CORP. \*MOTOR GENERATOR CORP.

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NJE Corp Inc.

D. W. Onan & Sons Inc.
Opad Electric Co.
Peschel Electronics, Inc.
Sun Electric Corp.
Telectro Industries Corp.
Terado Co.
Thompson Products, Inc.
Varo Mfg. Co.
Vibration Research Labs., Inc.
\*WESTINGHOUSE ELECTRIC CORP.
Wickes Engrg. & Construction Co. Inc.
Wincharger Corp.
Winder Aircraft Corp. of Fla.

#### 400 Cps

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Aircraft Products Div.-Cline Electric Mfg. Co.
Louis Allis Co., The
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Amplifier Corp. of America Arnoux Corp.
Autonetics, Div.-North American Aviation, Inc.
Avian Div., ACF Industries, Inc.
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BEHLMAN ENGRG. CO.
Bendix Aviation Corp., Red Bank Div.
Bendix Aviation Corp., Pork Div.
Beta Electric Corp.
Bogue Electric Mfg. Co.
Celoc-Constantine Engrg. Laboratories Co.
Consolidated Electrodynamics Corp.
Joe Davidson & Associates Consolidated Electrodynamics Corp.
Joe Davidson & Associates
Dressen-Barnes Corp.
Eicor Div.-F. L. Jacobs Co.
Electronic Assembly Co., Inc.
Electronic Techniques, Inc.
Engineered Magnetics, Div.-Gulton Industries,

Electronic Assembly Co., Inc.
Electronic Techniques, Inc.,
Engineered Magnetics, Div.-Gulton Industries, Inc.

\*CARREIT CORP., THE, AIRESEARCH MFG.
DIVS.
Georator Corp.,
Goslin Electric & Mig. Co.
Gray & Huleguard, Inc.
Green Rectifier Co.
Gremco, Inc.
Guided Missile Div.-De Havilland Aircraft of Canada, Ltd.
Hallamore Electric Co., The Hoover Electric Co.
Harmeff Electric Co.
Harmeff Electric Co.
Hinternational Research Associates
Kaiser Aircraft & Electronics Div.-Kaiser Industries Corp.
Kearlott Co., Inc.
Kurz & Root Co.
Lambda Electronics Corp.
Gerard G. Leeds Co., Inc.
Master Specialties Co.
Minneapolis-Honeywelll Regulator Co., Aeronautical Div.
\*MOTOR GENERATOR CORP.
Motordyne Inc.
Motoresearch Co.
NJE Corp.
Northwestern Electric Co.
Opad Electric Co.
Opad Electric Co.
Plastic Capacitors, Inc.
Plastic Capacitors, Inc.
Plastic Capacitors, Inc.
Power Sources, Inc.
Reeves Instrument Corp.
Resdel Engrg. Corp.

Royal industries, Inc.,
Saratoga Industries
Southwestern Industrial Electronics Co.
Sun Electric Corp.
Sundstrand Aviation, Div., Sundstrand Machine
Tool Co.
Superior Electric Co., The
Task Corp.
Telectro Industries Corp.
Tele-Instrument Electronics Corp.
Thompson Products, Inc.
Trans Electronics, Inc.
Ultradyne, Inc.
Universal Electronics Co.
Varo Mig. Co.
Vibration Research Labs, Inc.
\*WESTING-HOUSE ELECTRIC CORP.
Wincharger Electric Corp.
Winder Aircraft Corp. of Fla.

#### High Voltage

High Voltage

Amp Inc.
Adler Electronics, Inc.
Advance Industries, Inc.
Alto Scientific Co., Inc.
Alto Scientific Co., Inc.
Alto Scientific Co., Inc.
Autonetics, Div.-North American Aviation, Inc.
Axier Associates Inc.
Bendix Aviation Corp., Red Bank Div.
Berdix Aviation Corp., York Div.
Beta Electric Corp.
Bogue Electric Mig. Co.
Bracke-Seib X.Ray Co., Inc.
Celco-Constantine Engrg. Laboratories Co.
Central Transformer Co.
Central Transformer Co.
Central Transformer Co.
Del Electronics Corp.
Dessen-Barnes Corp.
Dressen-Barnes Corp.
Licor Div.-F. L. Jacobs Co.
Electronics Dept., Hamilton Standard Div.,
United Aircraft Corp.
John Fluke Mig. Co., Inc.
Geisler Labs.
General Electric Co., Apparatus Sales Div.
General Instrument Corp., Defense Products
Div.
Goslin Electric & Mig. Co. General Instrument Div.
Div.
Goslin Electric & Mfg. Co.
Green Rectifier Co.
Hammer Electronics Co.
Hertner Electric Co., The
##INTERELECTRONICS CORP.
\*KAHN & CO, Inc.
Gerard G. Leeds Co., Inc.
Manson Laboratories, Inc.
Motordyne Inc. Manson Laboratories, Inc.
Motordyne Inc.
Motordyne Inc.
Multi-Amp Corp.
Munston Mfg. & Service, Inc.
NJE Corp.
North Hills Electric Co., Inc.
Opad Electric Co.
Peschel Electronics, Inc.
Potter Co., The
Resdel Engrg. Corp.
Ryan Aeronautical Co.
Sarafoga Industries
Sel-Rex Corp.
Slaughter Co., Inc.
Southwestern Industrial Electronics Co.
Standard Electronics Div., Radio Engrg. Labs.
Inc. Standard Electronics Corp.
Inc.
Telectro Industries Corp.
Televiso Corp.
Tempo Instrument Inc.
Trans Electronics, Inc.
Varo Mfg. Co.
Wave Particle Corp.
Winder Aircraft Corp. of Fla.

#### Klystron

Aircom Inc.
Airco Scientific Co., Inc.
Bendix Aviation Corp., Red Bank Div.
Browning Laboratories, Inc.
Demornay-Bonardi
Electronics Dept., Hamilton Standard Div., United
Aircraft Corp.
Fidelity Instrument Corp.
Geisler Labs.
Goslin Electric & Mfg. Co.
HAMMERT Electric Co.
\*INIERELECTRONICS CORP.
Manson Laboratories, Inc. \*INTERELECTRONICS CORP.
Manson Laboratories, Inc.
Microwave Electronics Div., Sperry Gyroscope Co.
Opad Electric Co.
Peschel Electronics, Inc.
Plastic Capacitors, Inc.
Polarad Electronics Corp.
Resdel Engrg. Corp.
Ryan Aeronautical Co.
Standard Electronics Div., Radio Engrg. Labs. Inc.
Telectro Industries Corp.
\*TELERAD MFG. CORP.
Varo Mfg. Co.

Varo Mfg. Co. \*WESTINGHOUSE ELECTRIC CORP.

Lighting Equipment

Aircraft Equipment Div.-Consolidated Diesel Elec-Aircraft Equipment Div.-Consolidated Die tric Corp.
Bendix Aviation Corp., Red Bank Div.
Begue Electric Mfg. Co.
Georator Corp.
Gremco, Inc.,
Hammett Electric Co. Hammett Electric Co.
\*INTERELECTRONICS CORP.
Hershey Mfg. Co.
\*KAHN & CO., INC.
Telectro Industries Corp.
Terado Co.

#### Magnetic

Magnetic

Advance Industries, Inc.
American Research & Mig. Corp.
Arnoux Corp.
Avion Div., ACF Industries, Inc.
Bendix Aviation Corp., Red Bank Div.
Beta Electric Corp.
Bogue Electric Mig. Co.
Burroughs Corp. of California
Cedar Engrg., Div.-Control Data Corp.
Celco-Constantine Engrg. Laboratories Co.
Christie Electric Corp.
D & R. Lid.
Dressen-Barnes Corp.
Ectipse-Pioneer Div., Bendix Aviation Corp.
Ferranti Electric Inc.
Goslin Electric & Mig. Co.
Green Rectifie & Co.
HAITERELECTRONICS CORP. Hallamore Electronics Co.
Hammett Electric Co.
\*INTERELECTRONICS CORP.
Keystone Products Co.
Gerard G. Leeds Co., Inc.
NJE Corp.
Opad Electric Co.
Power Sources, Inc.
Ryan Aeronautical Co.
Saratoga Industries
Southwestern Industrial Electronics Co.
Telectro Industries Corp.
Varo Mig. Co.
Wickes Engrg. & Construction Co. Inc.

#### Microwave

Microwave

Aircom Inc.
Alto Scientific Co., Inc.
Amerac Inc.
Bendix Aviation Corp., Red Bank Div.
Bendix Aviation Corp., York Div.
Beta Electric Corp.
Boque Electric Mig. Co.
Canoga Corp. of California
\*\*POALMO VICTOR Co., DIV.-TEXTRON INC.
Demornay-Bonardi
Geisler Labs.
General Communication Co.
General Instrument Corp., Defense Products Div.
Hammett Electric Co.
J.Y-M Microwave Co.
Manson Laboratories, Inc.
Microwave Electronics Div., Sperry Gyroscope Co.
NJE Corp. Microwave Electronics Div., Sperry Gyroscope Co.
NJE Corp.
Nuclear Products-Erco, Div.-ACF Industries, Inc.
Opad Electric Co.
Philico Corp., Government & Industrial Divs.
Polarad Electronics Corp.
Resdel Engrg. Corp.
Ryan Aeronaulical Co.
Technical Oil Tool Corp.
Telectro Industries Corp.
\*\*\*TELERAD MFG. CORP.
Universal Electronics Co.
Varo Mfg. Co.
Wave Particle Corp.
Wickes Engrg. & Construction Co. Inc.

Radar

Advance Industries, Inc.
Alto Scientific Co., Inc.
Bendix Aviation Corp., Red Bank Div.
Beta Electric Corp.
Bogue Electric Mfg. Co.
Canoga Corp. of California
\*DALMO VICTOR Co., DIV.-TEXTRON INC.
Dressen-Barnes Corp.
Electronics Dept., Hamilton Standard Div.,
United Aircraft Corp.
Geisler Labs.
General Communication Co.
General Instrument Corp., Defense Products Div.
Goodyear Aircraft Corp.
Goslin Electric & Mfg. Co.
Hallamore Electronics Co.
J.V-M Microwave Co.
Manson Laboratories, Inc.
Motordyne Inc.
NJE Corp. NJE Corp.
\*\*PACKARD-BELL ELECTRONICS CORP.
Philco Corp., Government & Industrial Divs.
Plastic Capacitors, Inc.
Power Sources, Inc.
Reeves Instrument Corp.
Resdel Engrg. Corp.
Ryan Aeronautical Co.
Technical Oil Tool Corp.
Telectro Industries Corp.

\*TELERAD MFG. CORP.
Televiso Corp.
Trans Electronics, Inc.
Varo Mfg. Co.
Wave Particle Corp.
Westbury Electronics Inc.
\*WESTINGHOUSE ELECTRIC CORP., AIR ARM DIV. Wickes Engrg. & Construction Co. Inc.

Regulated

Acme Electric Corp.
Adler Electronics, Inc.
Aircom Inc.
Aircraft Products Div.-Cline Electric Mfg. Co.
Airclesign Corp.
Alto Scientific Co., Inc.
American Electronic Labs., Inc.
American Electronic Labs., Inc.
American Research & Mfg. Corp.
Amplifier Corp. of America
Arnoux Corp.
Atlantic Research Corp.
Autonetics, Div.-North American Aviation, Inc.
Avion Div.-ACF Industries, Inc.
Axier Associates Inc.
Axier Associates Inc.
Bendix Aviation Corp., Red Bank Div.
Bendix Aviation Corp., York Div.
Boque Electric Mfg. Co.
J. H. Bunnell & Co.
Burroughs Corp.
Canoga Corp. of California
Celco-Constantine Engrg. Laboratories Co.
Centronix Inc.
Consolidated Electrodynamics Corp.
\*COMPER DEVELOPMENT CORP.
Davenport Mfg. Co.
Joe Davidson & Associates
Dressen-Barnes Corp.
Electronic Assembly Co., Inc.
Electronic Assembly Co., Inc.
Electronic Techniques, Inc.
El Regulated

GARRETT CORP., THE, AIRESEARCH MFG. DIVS.
Geisler Labs.
General Electric Co., Apparatus Sales Div.
General Instrument Corp., Defense Products Div.
General Nuclear Corp.
General Railway Signal Co.
Goodyear Aircraft Corp.
Goslin Electric & Mfg. Co.
Green Rectifier Co. Greenco, Inc.
Hallamore Electronics Co.
Hallamore Electronics Co., Inc.
E. Vernon Hill & Co.
Holt Instrument Laboratories, Div.-Holt Hardwood Co., Inc.

wood Co. Inc.

\*\*NTERELECTRONICS CORP.
International Research Associates
Jordan Electronics, Div.-Victoreen Instrument Co.
Keystone Products Co.
Kurz & Root Co.
Lambda Electronics Corp.
Gerard G. Leeds Co., Inc.
Leeds & Northrup Co.
Manson Laboratories, Inc.
Mercury Electronic Co.
Minneapolis-Honeywell Regulator Co., Boston
Div. Mercury Electronic Co.
Minneapolis-Honeywell Regulator Co., Boston Div.
Motordyne Inc.
Motordyne Inc.
Motoresearch Co.
Motorola Inc., Military Marketing Div.
Multi-Amp Corp.
NJE Corp.
NJE Corp.
North Hills Electric Co., Inc.
Northwestern Electric Co.
Opad Electric Co.
Opad Electric Co.
Optimized Devices, Inc.
Oven Labs., Inc.
Owen Labs., Inc.
Owen Labs., Inc.
Plastic Capacitors, Inc.
Polarad Electronics Corp.
Potter Co., The
Power Sources, Inc.
Radiation Counter Labs., Inc.
Reeves Instrument Corp.
Resdel Engrg. Corp.
Ryan Aeronautical Co.
Saratoga Industries
Sel-Rex Corp.
Southwestern Industrial Electronics Co.
Standard Electronics Div.-Radio Engrg. Labs.,
Inc.,
Superior Electric Co., The

Standard Electronics Div.-Radio Engrg.
Inc.
Superior Electric Co., The
Stanley Aviation Corp.
Technical Oil Tool Corp.
Telectro Industries Corp.
Teletronics, Inc.
Transistor Devices Inc.
Ultradyne, Inc.
Varo Mfg. Co.
Vibration Research Labs., Inc.
Wave Particle Corp.
Westbury Electronics Inc.
Wickes Engrg. & Construction Co. Inc.
Wickes Engrg. & Construction Co. Inc.

#### Seals

Bendix Aviation Corp., Red Bank Div. Gits Brothers Mfg. Co. Telectro Industries Corp. Universal Electronics Co.

#### Transmitter

Alto Scientific Co., Inc.
Bendix Aviation Corp., Red Bank Div.
Bendix Aviation Corp., York Div.
Bendix Aviation Corp., York Div.
Beta Electric Corp.
J. H. Bunnell & Co.
Communications Co.
Computer Engrq. Associates, Inc.
\*\*COOPER DEVELOPMENT CORP.
General Instrument Corp., Defense Products Div.
Goalin Electric & Mfg. Co.
Green Rectifier Co.
\*INTERLECTRONICS CORP.
Lambda Electronics Corp.
Model Rectifier Corp.
Motordyne Inc.

Model Rectifier Corp.
Motordyne Inc., Military Marketing Div.
Munston Mfg. & Service, Inc.
NJE Corp.
Opad Electric Co.
PACKARD-BELL ELCTRONICS CORP.
Patferson, Moss Div.-Universal Winding Co., Inc.
Plastic Capacitors, Inc.
Plastic Capacitors, Inc.
Ryan Aeronautical Co.
Standard Electronics Div., Radio Engrg. Labs.
Inc.

Telectro Industries Corp. Trans Electronics, Inc. United Electrodynamics, Div.-United Geophysical Corp.
Varo Mfg. Co.
Vibration Research Labs., Inc.
Wunderlich Radio Co.

#### Transistor

Acme Electric Corp.
Alto Scientific Co., Inc.
Amelco, Inc.
American Electronic Labs., Inc.
American Research & Mfg. Corp.
Avion Div. ACF Industries, Inc.
Bendix Aviation Corp., Red Bank Div.
Bendix Aviation Corp., York Div.
Bergen Labs.
Bogue Electric Mfg. Co.
Communications Co.
Communications Co.
Computer Engrg. Associates, Inc.

Consolidated Electrodynamics Corp.
Davenport Mfg. Co.
Consolidated Avionics Corp.
Dressen-Barnes Corp.
Dunlap Electronics, Inc.
Electronic F. L. Jacobs Co.
Electro Products Labs., Inc.
Electronic Measurements Co., Inc.
General Electric Inc.
John Fluke Mfg. Co., Inc.
General Instrument Corp., Defense Products Div.
Guided Missile Div.-De Havilland Aircraft of
Canada, Ltd.
Hallamore Electronics Corp.
International Research Associates
Jordan Electronics, Div.-Victoreen Instrument Co.
Kay Electric Co.
Lambda Electronics, Div.-Victoreen Instrument Co.
Kay Electric Co.
Lambda Electronics Mfg. Corp.
Gerard G. Leeds Co., Inc.
Master Specialities Co.
Mercury Electronic Co.
Minneapolis-Honeywell Regulator Co., Aeronautical Div.
Minneapolis-Honeywell Regulator Co., Boston
Div.
Minneapolis-Honeywell Regulator Co., Boston

Minneapolis-Honeywell Regulator Co., Boston Div.
Minneapolis-Honeywell Regulator Co., Ordnance

Div.

Minneapolis-Honeywell Regulator Co., Ordnance Div.

Missile Engra. Products, Inc.

Model Rectifier Corp.

Motordyne Inc.

Motorola Inc., Military Marketing Div.

NJE Corp.

Motorola Inc., Military Marketing Div.

NJE Corp.

Motorola Inc., Military Marketing Div.

NJE Corp.

Motorola Inc.

Motorola Inc.

Opad Electric Co.

Orbitran Co., Inc.

Owen Labs., Inc.

Plastic Capacitors, Inc.

Power Sources, Inc.

Soardroga Industries

Southwestern Industrial Electronics Co.

Stromberg-Carlson, Electronics Div.

Telectro Industries Corp.

Thompson Products, Inc.

Transifor Devices Inc.

Ultradyne, Inc.

Ultradyne, Inc.

Ultradyne, Inc.

Ultradyne, Inc.

United Electronics Inc.

Corp.

Universal Electronics Co.

Varo Mfg. Co.

Vibration Research Labs., Inc.

Wickes Engrg. & Construction Co. Inc.

Variable

Variable

AMP Inc.
Acme Electric Corp.
Advance Industries, Inc.
Alto Scientific Co., Inc.
Alto Scientific Co., Inc.
American Electronic Labs., Inc.
American Electronic Labs., Inc.
American Research & Mfg. Corp.
Avian Div. ACF Industries, Inc.
\*\*BEHLMAN ENCRG CO.

\*\*Bendix Aviation Corp.
Bendix Aviation Corp.
Bendix Aviation Corp.
Consolidated Avianics Corp.
Davenport Mfg. Co.
Bracke-Seib X-Ray Co., Inc.
Consolidated Avianics Corp.
Del Electronics Corp.
Dressen-Barnes Corp.
Dunlap Electronics, Inc.
Eicor Div.-F. L. Jacobs Co.
Eicor Products Labs., Inc.
Eicor Div.-F. L. Jacobs Co.
Eicor Products Labs., Inc.
Electronic Assembly Co., Inc.
Electronic Measurements Co., Inc.
Hammer Electric Co., The
\*INTERELECTRONICS CORP.
International Research Associates
\*\*KAHN & CO., INC.

Wanson Laboratories, Inc.
Mercury Electronics Co., Inc.
Manson Laboratories, Inc.
Mercury Electronics Co., Inc.
Morth Hills Electric Co., Opad Electric Co.
Opad Electric Co.
Optimized Devices, Inc.
Paschel Electronics, Inc.

\*\*PACKARD-BELL ELECTRONICS CORP.
Paschel Electronics, Inc.

Optimized Devices, Inc.
Owen Labs., Inc.
\*\*PACKARD-BELL ELECTRONICS CORP.
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Plastic Capacitors, Inc.
Potter Co., The
Radiation Counter Labs., Inc.
Resdel Engr. Corp.
Saratoga Industries
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Inc.
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#### Voltage Regulated

Voltage Regulated

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American Electronic Labs., Inc.
American Research & Mfg. Corp.
Arnoux Corp.
Atlantic Research Corp.
Avion Div, ACF Industries, Inc.
Bendix Aviation Corp., York Div.
Bergen Labs.
Begue Electric Mfg. Co.
Christie Electric Corp.
Computer Engrg. Associates, Inc.
Consolidated Avionics Corp.
Davenport Mfg. Co.
Oressen-Barnes Corp.
Dunlap Electronics, Inc.
Electronic Assembly Co., Inc.
Electronic Measurements Co., Electronic Measurements Co., Electronic Electric Electric Corp.
Electronic Electric Electric Co., Electronic Measurements Co., Electronic Measurements Co., Electronic Electric Inc.
Electronic Electric Co., Apparatus Sales Div.
General Electric Co., Apparatus Sales Div.
General Instrument Corp., Defense Products Div.
General Instrument Corp.
General Railway Signal Co.
Green Rectifier Co. Green Rectifier Co.
Gremco, Inc.
Gremco, Inc.
Guided Missile Div.-De Havilland Aircraft of
Canada, Ltd.
Hallamore Electronics Co.
Hammett Electronics Co., Inc.
Holt Instrument Laboratories, Div.-Holt Hardwood Co., Inc. Holt Instrument Laboratories, Div.-Holt Hardwood Co., Inc.
\*\*INTERELECTRONICS CORP.\*\*
International Research Associates
Jordan Electronics, Div.-Victoreen Instrument Co.
Keystone Products Co.
Kurz & Root Co.
Lambda Electronics Corp.
Lavoie Labs., Inc.
Gerard G. Leeds Co., Inc.
Manson Laboratories, Inc.
Mercury Electronic Co.
Minneapolis-Honeywell Regulator Co., Aeronautical Div.
Modglin Co. Inc.
\*\*MOTOR GENERATOR CORP.\*\*
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Motordyne Inc.
Motordyne Inc.
Motordyne Inc.
Motordyne Inc.
Opto Electric Co.
Opad Electric Co.
Opad Electric Co.
Opad Electric Co.
Orbitran Co., Inc.
Owen Labs., Inc.
George A. Philibrick Researches, Inc.
Plastic Capacitors, Inc.
Poter Co., The
Power Sources, Inc.
Porocess & Instrument Corp.
Resedel Engrg. Corp.
Ryan Aeronautical Co.
Saratoga Industries
Schauer Mig. Corp.
Sel-Rex Corp.
Southwestern Industrial Electronics Co.
Standard Electronics Div., Radio Engrg. Labs.
Inc.
Loc.
Superior Electric Co., The
Stanley Avistion Co., The
Stanley Avistion Co., The
Stanley Avistion Co., The
Stanley Avistion Co., The \*INTERELECTRONICS CORP. Southwestern Standard Electronics Div., Radio and Standard Electronics Div., Radio and Inc.
Superior Electric Co., The Stanley Aviation Corp.
Technical Oil Tool Corp.
Televiso Corp.
Televiso Corp.
Thompson Products, Inc.
Trans. Electronics, Inc.
Trans. Electronics, Inc.
Transistor Devices Inc.
Ultradyne, Inc.
United Electronics Div.-United Geophysical Corp.
Universal Electronics Co.
Varo Mig. Co.
Vibration Research Labs., Inc.
Wave Particle Corp.
Wave Stiny Electronics Inc.
Westbury Electronics Inc.
Westbury Electronics Inc.
Westing House Electric Corp.
Wincharger Corp.

#### PRESSES, METAL FORMING

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Connector Corp.
Danly Machine Specialties, Inc.
Denison Engrg. Div., American Brake Shoe Co.
Hydraulic Press Mfg. Co., The, Div.-Koehring Co.
Kelsey-Hayes Co.
Lake Erie Machinery Corp.
Loewy-Hydropress, Div.—Baldwin-Lima-Hamilton
Modglin Co. Inc.
Philips & Davies Inc.
Roovers-Lotson Corp.
Rotex Punch Co., Inc.
T. W. & C. B. Sheridan Co.
F. J. Stokes Corp.
Walsh Press & Die Co.

#### PRESSURIZATION UNITS

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Cardox Corp.
Carleton Aviation Co., Inc.
Champion Pneumatic Machinery Co.
\*\*CORNELIUS CO., THE
J. P. DeVine Mig. Co.
G. W. Galloway Co.
\*\*GARREIT CORP., THE, AIRESEARCH MFG.
DIVS.
Haskell Engrg. & Supply Co.
\*\*KAHN & CO., INC.
McCormick Selph Associates
Propellex Chemical Corp.
\*\*RYAN INDUSTRIES
Stearns-Roger Mig. Co. Stearns-Roger Mfg. Co. Thompson Products, Inc Wells Industries Corp.

#### PROCESSING EQUIPMENT, MOTION PICTURE

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#### PUBLIC ADDRESS SYSTEMS

Bliss Electronic Corp.
Browning Laboratories, Inc.
Dunlap Electronics, Inc.
Executione, Inc.
General Scientific Equipment Co. General Scientific Equipment Co.
\*\*INTERLECTRONICS CORP.
Motorola Inc., Military Marketing Div.
Setchell-Carlson Inc.
Stromberg-Carlson, Electronics Div.
Telectro Industries Corp.
Thompson Products, Inc.

#### **PUMPS**

Air Products, Inc.
Applied Dynamics Corp.
Bart Mfg. Corp.
Bell & Gossett Co.
Bendix Products Div., Bendix Aviation Corp.
Blackmer Pump Co.
Champion Pneumatic Machinery Co.
Consolidated Electrodynamics Corp.
Conger Alloy Corn. Cooper Alloy Corp.

\*CORNELIUS CO., THE
Food Machinery & Chemical Corp., Ordnance
Div. Div.
Herrick L. Johnston, Inc.
Joyce Cridland Co., The
Denison Engrg. Div., American Brake Shoe Co.
Dynex, Inc.
\*GARRETT CORP., THE, AIRESEARCH MFG. DIVS. \*GARREIT CONT. Gray Co., Inc. \*GREER HYDRAULICS, INC. GREER HYDRAULICS, INC.

\*GREER HYDRAULICS, INC.

\*GREER HYDRAULICS, INC.

\*BYRON JACKSON PUMPS, INC., SUB.—BORG-WARNER CORP.

Hastings Plastics, Inc.

Kemp Aero Products, Div.-Kemp Inc.

Greene G. Leeds Co., Inc.

A.Y. McDonald Mig. Co.,

NRC Equipment Corp.

Nash Engrg. Co., The

National Airoil Burner Co.

New York Air Brake Co., The, Watertown Div.

W. H. Nichols Co.

Owdonna Tool Co.

Pennsylvania Pump & Compressor Co.

Pyles Industries, Inc.

Milton Roy. Co.

Schutte & Koerting Co.

Sier-Bath Gear & Pump Co., Inc.

Sundstrand Aviation, Div.-Sundstrand Machine
Tool Co.

Superior Air Products Co.

Task Corp.

Thompson Products, Inc.

Veeco Vacuum Corp.

Vickers Inc., Div.-Sperry Rand

\*VICKERS INC., MARINE & ORDNANCE DEPT.,

MACHINERY HYDRAULICS DIV.

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Denison Engrg. Div., American Brake Shoe Co. Rotex Punch Co., Inc. Wales Strippit Co., Unit of Houdaille Indus-tries, Inc. Walsh Press & Die Co. Wiedmann Machine Co.

#### **PUNCHES**

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#### RACKS

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Alad Aluminum Ladder Corp.
Alden Products Co.
Calcor Corp., Aircraft Div.
G. M. Dykes Iron Works, Inc.
Falstrom Co.
Heldor Mfg. Co., Inc.
\*KAHN & CO., INC.
Kaiser Aircraft & Electronics Div.-Kaiser Industries Corp.
Luria Engrg. Co.
Pic Design Corp., Sub—Benrus Watch Co., Inc.
Pitman Mfg. Co., The

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\*KAHN & CO., INC.
Kaiser Aircraft & Electronics Div.-Kaiser Industries Corp. Muckle Mfg. Co.
Opad Electric Co.
Vacuum Tube Products Co. Inc.

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Cabinet

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Alden Products Co.
Alden Systems Co.
Applied Design Co.
\*CRAIG SYSTEMS, INC.
Cromer Mfg. & Engrg., Inc.
J. P. DeVine Mfg. Co.
Falstrom Co.
General Railway Signal Co.
\*KAHN & CO., INC.
Kaiser Aircraft & Electronics Div.-Kaiser Industries Corp.
Muckle Mfg. Co.
Paul & Beekman, Inc.
Peterson & Neville Inc.
Premier Metal Products Co.
Warren Mfg. Div., Warren Brothers Roads Co.
\*WASHINGTON ALUMINUM CO., INC.
Western Arc Welding, Inc.
Wilcox Electric Co., Inc.
Wyco Metal Products

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Equipment

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Calcor Corp., Aircraft Div.
Champion Airguipment Inc.
\*\*CRAIG SYSTEMS, INC.
Cromer Mfg. & Engrg., Inc.
Econoweld Corp.
Kaiser Aircraft & Electronics Div.-Kaiser Industries Corp.
Luria Engrg. Co.
Paul & Beekman, Inc.
Premier Metal Products Co.
United Mfg. Co., To.
\*\*WASHINGTON ALUMINUM CO., INC.
Wilcox Electric Co., Inc.

#### Mounting & Relay

Mounting & Kelay

Alden Products Co.
Calcor Corp., Aircraft Div.

\*CRAIG SYSTEMS, INC.
General Railway Signal Co.
Kaiser Aircraft & Electronics Div.-Kaiser Industries Corp.
Model Rectifier Corp.
Muckle Mig. Co.
Peterson & Neville Inc.
Premier Metal Products Co.
\*WASHINGTON ALUMINUM CO., INC.
Wilcox Electric Co., Inc.

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Davenport Mfg. Co.
Electro-Tech Equipment Co.
Fansteel Metallurgical Corp.
General Electric Co., Apparatus Sales Div.
General Instrument Corp., Defense Products Div.
General Nuclear Corp.,
General Natiway Signal Co.
General Railway Signal Co.
General Reitric Co.
Hotordyne Inc.
Hotordyne Inc.
Hotordyne Inc.
Power Sources, Inc.
Reeves Instrument Corp.
Sanford Miller Co.
Sarkes Tarzian, Inc.
Schauer Mfg. Corp.
Southwestern Industrial Electronics Co.
Standard Electronics Div., Radio Engrg. Labs.
Inc.
Inc.
Telectro Industries Corp. Standard Lection Inc.
Inc.
Telectro Industries Corp.
Telkor, Inc.
United States Dynamics Corp.
Varo Mfg. Co.
Wickes Engrg. & Construction Co. Inc.

#### REFRIGERATION EQUIPMENT, GROUND

GROUND

Air Products, Inc.
Aircraft Equipment Div.-Consolidated Diesel
Electric Corp.
Aircco, Inc.
American Air Filter Co., Defense Products Div.
American Electronics, Inc.
Associated Testing Labs., Inc.
Ball & Gossett Co.
Cal-Air Conditioning Co.
Dunham-Bush Inc.
EASTERN INDUSTRIES, INC.
Ellis & Watts Products, Inc.
G. W. Galloway Co.

\*\*CARRETT COR\*\*, THE, AIRESEARCH MFG.
DIVS.
Greenbrier Instruments Inc.
Gremco, Inc. Greenbrier Instruments Inc.
Gremco Inc.
C. G. Hokanson Co., Inc.
Hussmann Africraft Div.
Herrick L. Johnston, Inc.
Missimers Inc.
D. W. Onan & Sons Inc.
Ready Power Co., The
Stratos, Div.-Fairchild Engine & Airplane Corp.
Tenney Engrg., Inc.
Thompson Products, Inc.
\*UNITED AIRCRAFT PRODUCTS, INC.

#### REGULATORS

Accessory Products Co., Div.-Textron Inc.
Aeronautical & Instrument Div., Robertshaw-Fulton Controls Co.
Air Speed Tool Co.
American Electronics, Inc.
American Electric Mg. Co., Bendix Aviation Corp., Red Bank Div.
Bogue Electric Mg. Co.,
CDC Control Services, Inc.
Carleton Aviation Co., Inc.
\*CORNELIUS CO., THE
Cubic Corp. Cutler-Hammer Inc. \*EASTERN INDUSTRIES, INC. Futurecraft Corp. \*GARRETT CORP., THE, AIRESEARCH MFG. DIVS.
\*INTERELECTRONICS CORP.

\* Heintz. Inc. \*INTERELECTRONICS CORP.
Jack & Heintz Inc.
\*JANITROL AIRCRAFT DIV.-SURFACE COMBUSTION CORP.
Lear, Inc.
\*WALLACE O. LEONARD, INC.
Marotta Valve Corp.
Parker Aircraft Co.
Milton Roy Co.
Vibration Research Labs., Inc.
Vickers Inc., Div.-Sperry Rand
Vinson Mfg. Co. Inc.
\*WESTINGHOUSE AIR BRAKE CO., INDUST.
PRODUCTS DIV.

AIT

Accessory Products Co., Div.-Textron Inc., Altair Inc.

ARO Equipment Corp., The Bridgwater Machine Co.

CDC Control Services, Inc., Carleton Aviation Co., Inc., A. W. Cash Co.

Clary Dynamics

Henry G. Dietz Co., Inc., The Fischer & Porter Co., Futurecraft Corp.

\*\*FARRETT CORP., THE, AIRESEARCH MFG. DIVS.

DIVS. DIVS. Gray Co., Inc.

\*GREER HYDRAULICS, INC.
Hoke Inc.
Ho \*GREER HYDRAULICS, INC.

#### Air Pressure

Air Pressure

Accessory Products Co., Div.-Textron Inc.
Aeronautical & Instrument Div., RobertshawFulton Controls Co.
Air Speed Tool Co.
Altair Inc.,
ARO Equipment Corp., The
Bridgwater Machine Co.
Carleton Aviation Co., Inc.
A. W. Cash Co.
Clary Dynamics
\*CORNELIUS CO., THE
Devilbiss Co., The
Henry G. Dietz Co., Inc., The
Electric Auto-Lite Co., The
Fischer & Porter Co.
Futurecraft Corp.
\*GARRETT CORP., THE, AIRESEARCH MFG.
DIVS.

DIVS.

October Corp.

Futurecraft Corp.

\*GARRETT CORP., THE, AIRESEARCH MFG.
DIVS.

General Controls Co.

Gray Co., Inc.

\*GREER HYDRAULICS, INC.

Hagan Chemicals & Controls, Inc.

Hoke Inc.

\*JANITROL AIRCRAFT DIV.-SURFACE COMBUSTION CORP.

Walter Kidde & Co., Inc., Aviation Div.

Lear, Inc.

\*WALLACE O. LEONARD, INC.

M. C. Mfg. Co.

Marotta Valve Corp.

Parker Aircraft Co.

Peneu-Hydro Valve Corp.

Progressive Research & Development Co., Inc.

Scientific Instrument Co.

Stratos, Div.-Fairchild Engine & Airplane Corp.

Superior Pneumatic & Mfg., Inc.

Vap-Air Div. Vapor Heating Corp.

\*WESTINGHOUSE AIR BRAKE CO., INDUST.

PRODUCTS DIV.

Weston Hydraulics, Ltd.

Whittaker Controls, Div.-Telecomputing Corp.

#### Cable Tension

W. C. Dillon & Co., Inc. Progressive Research & Development Co., Inc.

#### Electric Frequency, A. C. Generators

Bectric Frequency, A. C. Generators
Bendix Aviation Corp., Red Bank Div.
Bogue Electric Mig. Co.
Consolidated Avionics Corp.
D & R. Ltd.
Electric Regulator Corp.
Fidelity Instrument Corp.
\*\*GARRETT CORP., THE, AIRESEARCH MFG.
DIVS.
General Electric Co., Apparatus Sales Div.
Hammett Electric Co., The
\*\*INTERELECTRONICS CORP.
Lumen, Inc.

INTERELECTRONICS CORP.
Lumen, Inc.
Motordyne Inc.
Telectro Industries Corp.
Varo Mfg. Co.
Wacline, Inc.
Wickes Engrg. & Construction Co. Inc.

#### Electric Frequency, Inverters

Bedrik Aviation Corp., Red Bank Div.
Bogue Electric Mfg. Co.
Consolidated Avianics Corp.
Electric Regulator Corp.
General Electric Co., Apparatus Sales Div.
Hallamore Electronics Co.
Heriner Electric Co., The
\*\*INTERELECTRONICS CORP.
Lumen, Inc.
Motordyne Inc.
Motordyne Inc.
Varo Mfg. Co.
Vibration Research Labs., Inc.
Wickes Engrg. & Construction Co. Inc.

# Electric Voltage, A. C. Generators

Aircraft Products Div.-Cline Electric Mfg. Co. American Research & Mfg. Corp. Bendix Aviation Corp., Red Bank Div. Bogue Electric Mfg. Co. Consolidated Avionics Corp. Curtiss-Wright Corp., Electronics Div.

Electric Regulator Corp.
Fidelity Instrument Corp.
\*GARRETT CORP., THE, AIRESEARCH MFG. DIVS.
General Controls Co.
General Electric Co., Apparatus Sales Div.
Hammett Electric Co.
Helipot Corp.
Hertner Electric Co., The
Holt Instrument Laboratories, Div.-Holt Hardwood Co., Inc.,
Instrument Motors
\*INTEPELECTRONICS CORP.\* \*INTERELECTRONICS CORP. \*INTERELECTRONICS CORP.
Jack & Heintz, Inc.
Kurz & Root Co.
Gerard G. Leeds Co., Inc.
Lumen, Inc.
Minneapolis-Honeywell Regulator Co., Ordnance
Div.
Motordyne Inc.
Ryan Aeronautical Co.
Telectro Industries Corp.
Ultradyne, Inc.
Varo Mfg. Co.
Wacline, Inc.
\*WESTINGHOUSE ELECTRIC CORP.
Wickes Engrg. & Construction Co. Inc.

#### Electric Voltage, D. C. Generators

Minnea polis-Honeywell Regulator Co., Div.
Div.
Motordyne Inc.
Ryan Aeronautical Co.
Telectro Industries Corp.
Ultradyne, Inc.
Varo Mfg. Co.
\*WESTINGHOUSE ELECTRIC CORP.
Wickes Engrg. & Construction Co. Inc.

#### Electric Voltage, Inverters

Electric Voltage, Inverters

American Research & Mfg. Corp.

Arnoux Corp.
Bendix Aviation Corp., Red Bank Div.
Bogue Electric Mfg. Co.
Consolidated Avionics Corp.
Electric Regulator Corp.
Ferranti Electric Inc.
Hallamore Electronics Co.
Hammert Electric Co.
Herner Electric Co.
Herner Electric Co. The
\*\*INTERELECTRONICS CORP.
Jack & Heintz, Inc.
Motordyne Inc.
Ryan Aeronautical Co.
Thompson Products, Inc.
Ultradyne, Inc.
Varo Mfg. Co.
Vibration Research Labs., Inc.
Wickes Engrg. & Construction Co. Inc.

#### Fluid Flow

Fluid Flow

Accessory Products Co., Div.-Textron Inc. Acoustica Associates, Inc.
Aeronautical & Instrument Div., Robertshaw-Fulton Controls Co.,
Auburn Spark Plug Co., Inc.
Brooks Rotameter Co.
CDC Control Services, Inc.
Devilbiss Co., The
Dynamic Controls Corp.
\*\*EASTERN INDUSTRIES, INC.
Fischer & Porter Co.
Fluturecraft Corp.
Gray Co., Inc.
Hayan Mfg. Co.
Walter J. Hyatt Co., The
Koehler Aircraft Products Co., Inc.
\*\*WALLACE C. LEONARD, INC.
Marotta Valve Corp.
Minneapolis-Honeywell Regulator Co., Industrial
Darker. Aircraft Co. Minnea polis-Honeywell Regulator Co., Industrial Div. Parker Aircraft Co. Pioneer-Central Div. Bendix Aviation Corp. Pneu-Hydro Valve Corp. Reaction Motors, Inc. Research Controls \*UNITED AIRCRAFT PRODUCTS, INC. \*VIOKERS INC., MARINE & ORDNANCE DEPT., MACHINERY HYDRAULICS DIV. Vinson Mfg. Co. Inc. Waldorf Instrument Co., Div.-F. C. Huyck & Sons

Sons Weston Hydraulics, Ltd.

#### Hydraulic Pressure

Aeronautical & Instrument Div., Robertshaw-Ful-ton Controls Co.

Altair Inc.
Altair Inc.
\*AMERICAN MACHINE & FOUNDRY CO.
Arkwin Industries, Inc.
Bridgwater Machine Co.
CDC Control Services, Inc.
Carleton Aviation Co., Inc.
A. W. Cash Co.
Clary Dynamics
Dynex, Inc.
\*EASTERN INC.

bynex, Inc.

\*EASTERN INDUSTRIES, INC.
Electric Auto-Lite Co., The
Fischer & Porter Co.
Futurecraft Corp.

Futurecraft Corp. \*GARRETT CORP., THE, AIRESEARCH MFG. DIYS. Futurecraft Corp.

\*GARRETT CORP., THE, AIRESEARCH MFG. DIVS.

Gray Co., Inc.

\*GREER HYDRAULICS, INC.

Waiter J. Hyatt Co., The

Hydra-Power Corp.

Koehler Aircraft Products Co., Inc.

\*WALLACE O. LEONARD, INC.

M. C. Mfg. Co.

Marotta Valve Corp.

New York Air Brake Co., The, Waterfown Div.

Oil-Dyne, Inc.

Ozone Metal Products Corp.

Pacific Div. Bendix Aviation Corp.

Parker Aircraft Corp.

Progressive Research & Development Co., Inc.

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\*REPUBLIC MFG. CO.

\*REPUBLIC MFG. CO.

\*RESTACK Control

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Sun Electric Corp.

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\*WINITED AIRCRAFT PRODUCTS, INC.

Varo Mfg. Co.

Vickers Inc., Div.-Sperry Rand

\*VICKERS INC., MARINE & ORDNANCE DEPT.,

MACHINERY HYDRAULICS DIV.

Vinson Mfg. Co. Inc.

Waldorf Instrument Co., Div.-F. C. Huyck &

Sons

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Sons Weston Hydraulics, Ltd. Whittaker Controls, Div.-Telecomputing Corp.

#### Liquid Level

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Cutler-Hammer Inc.
Fischer & Porter Co.
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Koehler Aircraft Products Co., Inc.
\*WALLACE O. LEONARD, INC.
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Minneapolis-Honeywell Regulator Co., Aeronautical Div.

Minneapolis-Honeywell Regulator Co., Industrial

Minneapolis-Honeywell Regulator Co., Industrial Div.
Narda Ultrasonics Corp., The Parker Aircraft Co.
\*PENBERTHY MFG. CO.
\*PIONECT-Central Div., Bendix Aviation Corp.
Progressive Research & Development Co., Inc.
Research Controls
Sun Electric Corp.
Vinson Mfg. Co. Inc.
Whittaker Controls, Div.-Telecomputing Corp.

#### Oxygen

Accessory Products Co., Div.-Textron Inc. Aeronautical & Instrument Div., Robertshaw-Ful-ton Controls Co. Air Products, Inc. Air Reduction Sales Co., Div.-Air Reduction Co.,

Air Reduction Sales Co., Div.-Air Reduction Co., Inc.
Aro Equipment Corp., The CDC Control Services, Inc.
Carleton Aviation Co., Inc.
A. W. Cash Co.
Clary Dynamics
Fischer & Porter Co.
Futurecraft Corp.
\*GARRETT CORP., THE, AIRESEARCH MFG. DIVS.
General Scientific Equipment Co.
Hoke Inc.
Leeds & Northrup Co.
\*WALLACE O. LEONARD, INC.
Marotta Valve Corp.
Minneapolis-Honeywell Regulator Co., Aeronautical Div.

Minneapolis-Honeywell Regulator Co., Acionadical Div., Oxygen Equipment & Service Co. Parker Aircraft Co. Pioneer-Central Div., Bendix Aviation Corp. Pneu-Hydro Yalve Corp. Progressive Research & Development Co., Inc. Puritan Compressed Gas Corp., Aviation Div. Vinson Mfg. Co. Inc. Whittaker Controls, Div.-Telecomputing Corp.

#### Temperature

Barber Colman Co. Bogue Electric Mfg. Co. CDC Control Services, Inc.

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Dynamic Controls Corp.
Electric Auto-Life Co., The
Electronics Dept., Hamilton Standard Div.,
United Aircraft Corp.
Fischer & Porter Co.
\*GARRETT CORP., THE, AIRESEARCH MFG.

DIVS.
Hagan Chemicals & Controls, Inc. Hallikainen Instruments E. Vernon Hill & Co. Leeds & Northrup Co. E. Vernon Hill a
Leeds & Northrup Co.
Lumen, Inc.
Metals & Controls Corp.
Minneapolis-Honeywell Regulator Co., Aeronautical Div.
Minneapolis-Honeywell Regulator Co., Inc.
Mathematical Div.
Minneapolis-Honeywell Regulator Co., Inc.
Parker Aircraft Co.
Philadelphia Scientific Glass Co.
Powers Regulator Co., The
Pyrometer Instrument Co., Inc.
Resdel Engrg, Corp.
Scientific Instrument Co.
\*STEVENS MFG. CO., INC.
Thermo Electric Co., Inc.
\*UNITED AIRCRAFT PRODUCTS, INC.
United Control Corp.
Vap-Air Div., Vapor Heating Corp.
Vinson Mig. Co. Inc.

All American Aircraft Products, Inc.
Bendix Products Div., Bendix Aviation Corp.
CDC Control Services, Inc.
Fischer & Porter Co.
Hallikainen Instruments
Research Controls,
Milton Roy Co.
Whittaker Controls, Div.-Telecomputing Corp.

#### ROCKET LAUNCHING DEVICES

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American Car & Foundry Div., ACF Industries, Inc.

\*\*AMERICAN MACHINE & FOUNDRY CO. Anderson, Greenwood & Co. Applied Design Co. Baldwin-Lima-Hamilton Corp., Electronics & Instrumentation Divs.

Basic Tool Industries, Inc.
Bendix Products Div., Bendix Aviation Corp. Champion Airquipment Inc.

\*\*COOPER DEVELOPMENT CORP.
Danly Machine Specialties, Inc.
Dittmore-Freimuth Corp.
G. M. Dykes Iron Works, Inc.
Emerson Electric Mig. Co., The, Electronics & Avionics Div.
Federal Machine Co. Inc.
Food Machinery & Chemical Corp., Ordnance Div.

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G. W. Gelloway Co.
General Electric Co., Missile & Ordnance Systems Dept. (Vt.)
Goodyear Aircraft Corp.
\*GREER HYDRAULICS, INC.

rems Dept. (Vf.)
Goodyear Aircraft Corp.
\*GREER HYDRAULICS, INC.
Gremco, Inc.
Hahn & Clay
Hallamore Electronics Co.
Ingersoll Kalamazoo Div., Borg-Warner Corp.
Kaiser Aircraft & Electronics Div.-Kaiser Industries Corp.
Loewy-Hydropress, Div.—Baldwin-Lima-Hamilton
Lukens Steel Co.
Luria Engra, Co.
McDowell Co. Inc.
Modglin Co. Inc.
Modglin Co. Inc.
Nuclear Products-Erco, Div.—ACF Industries, Inc.
Pacific Coast Engra, Co.
Propellex Chemical Corp.
Republic Aviation Corp., Guided Missiles Div.
Royal Industries, Inc.
Solar Aircraft Co.
Standard Armament Inc.
Stanley Aviation Corp.
Talley Corp., The
Thieblot Aviation Corp.
Talley Corp., The
Thieblot Aviation Co., Div.-Vitro Corp. of
America
Thompson Products, Inc.
Turbo Dynamics Corp.
United Mig. Co., The
ViCKERS INC., MARINE & ORDNANCE DEPT.,
MACHINERY HYDRAULICS DIV.
Warren Mig. Div., Warren Brothers Roads Co.
\*WASHINGTON ALUMINUM CO., INC.
Washington Technological Associates Inc.
Wells Industries Corp.
Wheland Co., The
Wickfield, Inc.

#### SAFETY EQUIPMENT \*HAWS DRINKING FAUCET CO.

#### SAWS

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#### SCALES, OSCILLOSCOPE

Hickok Electrical Instrument Co., The Sohl Co., The

#### SCOOPS

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#### SCREW DRIVERS

\*BILLINGS & SPENCER CO., THE Gardner-Denver Co. Kelsey-Hayes Co. Reed & Prince Mfg. Co. Richmont Inc.
United Shoe Machinery Corp.
J. H. Williams Co.

#### **SEALS**

Advanced Products Co., The Chicago-Allis Mig. Corp. Cleveland Graphite Bronze Co., Div.-Clevite "Corp. Cleveland Graphite Bronze Co., Div.-Clevite Corp.
Electrical Industries, Div.-Philips Electronics, Inc. Fluorocarbon Co. Inc., The Fusite Corp.
Geisler Labs.
Green, Tweed & Co.
Joclin Mig. Co.
Walter Lee Chemical Corp.
St. Marys Carbon Co.
Schlegel Mig. Co.
L. Sonneborn & Sons, Inc., Building Products Div.
Sylvania Electric Products Inc., Parts Div.
U. S. Hammered Piston Ring Co., Inc.
Wave Particle Corp.

#### Metal-to-Glass

Auburn Spark Plug Co., Inc. L. L. Constantin & Co. Corning Glass Works Dayton Mfg. Co., Inc. Demornay-Bonardi Demornay-Bonardi Edgerton, Germeshausen & Grier, Inc. Electrical Industries, Div.-Philips Electronics, Inc. Fusite Corp. Geisler Labs. Gilmore Industries Inc. Ollmore Industries Inc.
La Pointe Industries Inc.
McCormick Selph Associates
Pacific Universal Products Corp.
Schlegel Mig. Co.
L. Sonneborn & Sons, Inc., Building Products
Div. Div.
Sylvania Electric Products Inc., Parts Div.
U. S. Hammered Piston Ring Co., Inc.
Vacuum Tube Products Co. Inc.
Wave Particle Corp.
X-Pando Corp.

#### Missile

Missile

Advanced Products Co., The Automatic & Precision Mig. Co.
Cleveland Graphite Bronze Co., Div. Clevite Corp.
Connecticut Hard Rubber Co., The D. S. D. Mig. Co., The Emerson Plastics Corp. Green, Tweed & Co. Joclin Mig. Co.
Kennametal Inc.
La Pointe Industries Inc.
Walter Lee Chemical Corp.
Linear, Inc.
Wulfer Lee Corp.
\*\*UNITED AIRCRAFT PRODUCTS, INC.\*\*
U. S. Hammered Piston Ring Co., Inc.

#### Oil

Advanced Products Co., The
Auburn Mfg. Co., The
Auburn Mfg. Co., The
Automatic & Precision Mfg. Co.
Chicago-Allis Mfg. Corp.
Cleveland Graphite Bronze Co., Div.-Clevite
Corp.
Crane Packing Co., The
Dumont Aviation Associates
Emerson Plastics Corp.
General Cable Corp.
General Cable Corp.
Gits Brothers Mfg. Co.
\*GRAPHITE METALLIZING CORP.
Green, Tweed & Co. \*GRAPHITE METALLIZING CORP.
Green, Tweed & Co.
Kasar Mfg. & Distributing Co., Inc.
La Pointe Industries Inc.
Walter Lee Chemical Corp.
Magnetic Seal Corp.
St. Marys Carbon CroDUCTS, INC.
U. S. Harmmered Piston Ring Co., Inc.
Vibra Seal Corp.
\*VICKERS INC., MARINE & ORDNANCE DEPT.,
MACHINERY HYDRAULICS DIV.

Pipe Joint

Pipe Joint

Advanced Products Co., The Cardox Corp.
Crane Packing Co.
D. S. D. Mfg. Co., The Emerson Plastics Corp.
General Cable Corp.
General Cable Corp.
Green, Tweed & Co.
Joclin Mfg. Co.
Walter Lee Chemical Corp.
Linear, Inc.
National Engrg. Products, Inc.
Parker-Hannifin Corp.
Smooth-On Mfg. Co.
\*UNITED AIRCRAFT PRODUCTS, INC.
VIbra Seal Corp.
X-Pando Corp.

#### Pump

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Cleveland Graphite Bronze Co., Div.-Clevite Corp.

Corp.

Crane Packing Co.

Emerson Plastics Corp.

General Cable Corp.

Gits Brothers Mfg. Co.

Green, Tweed & Co.

Joclin Mfg. Co.

Walter Lee Chemical Corp.

Linear, Inc.

Magnetic Seal Corp.

Ohio Carbon Co., The

St. Marys Carbon Co.

\*WNITED AIRCRAFT PRODUCTS, INC.

\*U.S. Hammered Piston Ring Co., Inc.

\*YICKERS INC., MARINE & ORDNANCE DEPT.,

MACHINERY HYDRAULICS DIV.

#### SEPARATORS, OIL

Air-Maze Corp.

Air-Maze Corp.

ARO Equipment Corp., The

Briggs Filtration Co., The

Cuno Engrg. Corp., The

General Cable Corp.

\*\*GREER HYDRAULICS, INC.\*\*

\*\*Harman Equipment Co.\*\* \*GREER HYDRAULICS, INC.
Harman Equipment Co.
Parker Aircraft Co.
Milton Roy Co.
Selas Corp. of America
\*YICKERS INC., MARINE & ORDNANCE DEPT.,
MACHINERY HYDRAULICS DIV.
Warner Lewis Co., Div.-Fram Corp.

#### SEPARATION DEVICES

Air Products, Inc.
Beckman & Whitley, Inc., Missile Products Div.
\*COOPER DEVELOPMENT CORP.
Electric Eye Equipment Co.
Eriez Mfg. Co.
General Cable Corp.
\*GREER HYDRAULICS, INC.
Harman Equipment Co.
McCormick Selph Associates
Mechanical Div.-General Mills, Inc.
Stanley Aviation Corp.
Talco Engrg. Co., The
Washington Technological Associates Inc.
Wickfield, Inc.
Winchester—West. Div.—Olin Mathieson Chem.
Corp.

#### SHIMS, LAMINATED \*LAMINATED SHIM CO.

#### SIGNALLING, DEVICES

Adler Electronics, Inc. Allard Instrument Corp. Beckman & Whitley, Inc., Missile Products Div. Eagle Signal Corp. General Railway Signal Co. Eagle Signal Concentration of the Concentration of

\*GRANT PULLEY & HARDWARE CORP.

#### **SNIPS**

H. K. Porter Inc.

#### SOLDER POTS

Acme Electric Heating Co. Alcar Instruments, Inc. Alden Systems Co. Anchor Metal Co. Inc. Dittmore-Freimuth Corp.

Eisler Engrg. Co., inc. General Electric Co., Apparatus Sales Div. Massa Labs., Inc. Vulcan Electric Co., Div.-Consolidated Electric Lamp Co. Inc.

#### SOLDERING GUNS

Acoustica Associates, Inc. Alcar Instruments, Inc. Anchor Metal Co. Inc. Eisler Engrg. Co., Inc. Electro-Tech Equipment Co. P. Wall Mfg. Co. Zephyr Mfg. Co. Inc.

#### SOLDERING IRONS

Electro-Tech Equipment Co.
General Electric Co., Apparatus Sales Div.
Huber Industries, Inc.
Ideal Industries, Inc.
National Specialties Co., Inc.
Selas Corp. of America
Vulcan Electric Co., Div.-Consolidated Electric
Lamp Co. Inc.
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Ideal Industries, Inc. P. R. Mallory & Co. Inc. National Specialties Co., Inc. Vulcan Electric Co., Div.-Consolidated Electric Lamp Co. Inc. P. Wall Mfg. Co. Wenco Mfg. Co.

#### SOLENOID VALVES

Aero Supply Mfg. Co., Inc.
Aeronautical & Instrument Div., Robertshaw-Fulton Controls Co.
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United Aircraft Corp.
Electro-Tech Equipment Co. United Aircrait Corp.
Electro-Tech Equipment Co.
Engelberg Huller Co., Inc.
Fufurecraft Corp.
Galland-Henning Nopak Div.
General Controls Co.
Gray & Huleguard, Inc.
Walter J. Hyath Co., The
Hydra-Power Corp.
Johnson Electronics Inc.
Kemp Aero Products, Div.-Kemp Inc.
Walter Kidde & Co., Inc., Aviation Div.
\*KOONTZ-WAGNER ELECTRIC CO., INC.
Gerard G., Leeds Co., Inc.
Lyndon Aircraft, Inc.
Mar Vista Engra. Co.
Jas. P. Marsh Corp.
Mechanical Air Controls, Inc.
Minneapolis-Honeywell Regulator Co., Industrial
Div. Div.

Oil-Rite Corp.
Ozone Metal Products Corp.
Pacific Div.—Bendix Aviation Corp.
Parker Aircraft Co.
Pierce Governor Co., Inc., The
Pioneer-Central Div., Bendix Aviation Corp.
Pneu-Hydro Valve Corp.
Progressive Research & Development Co., Inc.
\*REPUBLIC MFG. CO.
Skinner Electric Valve Div., The Skinner Chuck

Octain Valve Div.-Aircraft Products Co.

\*\*UNITED AIRCRAFT PRODUTCS, INC.

\*\*VALCOR ENGRG. CORP.

Vecco Vacuum Corp.

Victors Inc., Div.-Sperry Rand

\*\*VICKERS INC., MARINE & ORDNANCE DEPI.,

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Waldorf Instrument Co., Div.-F. C. Huyck &

Sous.

Weston Hydraulics, Ltd.

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Comar Electric Co.
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Electrica Auto-Lire Co., The
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Electronics Dept., Hamilton Standard Div.,
United Aircraft Corp.
Engelberg Huller Co., Inc.
General Electric Co., Apparatus Sales Div.
Walter J. Hyaft Co. The
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Mar Stectronics, Inc.
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E. V. Naybor Labs., Inc.
Parker Aircraft Co.
Joseph Pollak Corp.
Robot Appliances Inc.

Telectro Industries Corp.

\*UITED AIRCRAFT PRODUCTS, INC.

Varo Mfg. Co.

Varo Mfg. Co.

MACHINERY HYDRAULICS DIV.

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Weston Hydraulics, Ltd.

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Bendix Products Div., Bendix Aviation Corp.
Cannon Electric Co.
James Cunningham Son & Co., Inc.
Culler-Hammer Inc.
Electric Auto-Lite Co., The
Electronics Dept., Hamilton Standard Div. United
Aircraft Corp.
Electro-Tech Equipment Co.
Walter J. Hyatt Co., The
\*KOONTZ-WAGNER ELECTRIC CO., THE
Mar Vista Engra, Co.
Mara Electronics, Inc.
J. A. Maurer, Inc.
Modelectric Products
Corp.
E. V. Naybor Labx, Inc.
Parker Aircraft Co.
Pickering & Co., Inc.
Joseph Pollak Corp.
Ram Electronics Inc.
Telectro Industries Corp.
Van Mig. Co.
Vibra Seal Corp.
Varo Mig. Co.
Vibra Seal Corp.
Wacline, Inc.

#### SOLENOIDS, ROTARY

Bendix Products Div., Bendix Aviation Corp. Cannon Electric Co.

Electric Auto-Lite Co., The Electronics Dept., Hamilton Standard Div., United Aircraft Corp.

\*KOONTZ-WAGNER ELECTRIC CO., INC.

KOONIZ-WAGNER ELECTR Leetronics, Inc. G. H. Leland, Inc. Magnuson Engineers, Inc. Mar Vista Engrg. Co. Mara Electronics, Inc. E. V. Naybor Labs., Inc. Nemeth, Inc.
Parker Aircraft Co.
Telectro Industries Corp. Varo Mfg. Co. Wacline, Inc. Wunderlich Radio Co.

#### SOLENOIDS, SUB-MINIATURE

Aerolite Electronics Corp.
Bendix Products Div., Bendix Aviation Corp.
Cannon Electric Co.
Camer Electric Co.
James Cunningham Son & Co., Inc.
Elgin Micronics, West Coast Div.-Elgin National
Watch Co.
Elgin National Watch Co.
Walter J. Hyatt Co., The
Leetronics, Inc.
Mar Vista Engrg. Co.
Mara Electronics, Inc.
J. A. Maurer, Inc.
Modelectric Products Corp.
John B. Moore Corp.
E. V. Naybor Labs., Inc.
Nemeth, Inc.
Telectro Industries Corp.
Varo Mig. Co.
Vibra Seal Corp.
Wacline, Inc.

#### SOLVENTS

Cobehn, Inc. Consolidated Radio Products Co. Dennis Chemical Co. General Cement Mfg. Co., Div. Textron Inc. Kano Labs.
London Chemical Co., Inc.
Mona Industries, Inc.
Trio Chemical Works, Inc.
Wye Industries

#### SOUND SYSTEMS, COMPLETE

American Electronics, Inc. Chesapeake Instrument Corp. Consolidated Radio Products Co. Executone, Inc.
Magnasync Mfg. Co., Ltd.
J. A. Maurer, Inc.
Telectro Industries Corp.

#### **SPEAKERS**

Adance Industries, Inc.
Roflan Co., The
Setchell-Carlson Inc.
Stromberg-Carlson, Electronics Div.
Telectro Industries Corp.
University Loudspeakers, Inc.
Wright Zimmerman, Inc.

#### SPLICING EQUIPMENT

Dittmore-Freimuth Corp. Electromation Co. Kinevox-Hallen J. A. Maurer, Inc. Optomechanisms Inc.

#### STAMPS, MARKING

Ackerman Gould Co. Acromark Co., The Jas. H. Matthews & Co. Pyror Marking Products Sohl Co. The Transue & Williams Steel Forging Corp.

#### STARTERS

American Welding & Mfg. Co., The Collins Engrg. Corp.
Cutler-Hammer Inc., Electric Auto-Lite Co., The
\*\*GARRETT CORP. THE, AIRESEARCH MFG. DIVS.
General Electric Co., Apparatus Sales Div.
McCormics Selph Associates
Olin Mathieson Chemical Corp., High Energy

Fuels Div.
Sundstrand Aviation, Div.-Sundstrand Machine
Tool Co.

#### STARTERS, PNEUMATIC

Accessory Controls & Equipment Corp.
Aircraft Equipment Div.-Consolidated Diesel Electric Corp.
Consolidated Diesel Electric Corp., Test Equip.

DIV.
\*GARETT CORP., THE, AIRESEARCH MFG. DIVS.
\*GREER HYDRAULICS, INC.
Husmann Aircraft Div.
McCormick Selph Associates
Olin Mathieson Chemical Corp., High Energy
Fuels Div.

Thompson Products, Inc.
Wells Industries Corp.
\*WESTINGHOUSE AIR BRAKE CO., INDUST.
PRODUCTS DIV.

#### STARTERS, ROCKET ENGINE

Consolidated Diesel Electric Corp., Test Equip.

\*\*COOPER DEVELOPMENT CORP.

McCormick Selph Associates
Olin Mathieson Chemical Corp., High Energy Olin Mathieson Chemical Corp., Figh Energy Fuels Div. Propellex Chemical Corp. Reaction Motors, Inc. Rocketdyne Div., North American Aviation, Inc. Thompson Products, Inc.

#### STARTING SYSTEMS & CONTROLS

Aircraft Products Div. Cline Electric Mfg. Co.
American Electronics, Inc., Data-Tronics Div.
Consolidated Diesel Electric Corp., Test Equip.
Div.
Electric Auto-Lite Co. The Div.
Electric Auto-Lite Co., The
\*GARREIT CORP., THE, AIRESEARCH MFG. DIVS.
\*GREER HYDRAULICS, INC.
\*HARIMAN ELECTRICAL MFG. CO., THE
\*KAHN & CO., INC.
Marquard Aircraft Co.
Reaction Motors, Inc.
Sundstrand Aviation, Div.-Sundstrand Machine
Tool Co.
Thompson Products, Inc.
Vickers Inc., Div.-Sperry Rand

#### STILLS & DEMINERALIZERS

Barnstead Still & Demineralizer Co. J. P. DeVine Mfg. Co. Stearns-Roger Mfg. Co. Wappler, Inc.

#### STIMULATORS

ACF Industries, Inc., Advanced Products Div.

\*AMERICAN MACHINE & FOUNDRY CO.

Bendix Products Div., Bendix Aviation Corp.
General Electric Co., Missile & Ordnance Systems Dept. (Vt.)
Grass Instrument Co.
Guardian Electric Mfg. Co.
Lane Electronics Mfg. Corp.
Link Aviation, Inc.
Stromberg-Carlson, Electronics Div.
Wappler, Inc.
\*WASHINGTON ALUMINUM CO., INC.
Wells Industries Corp.

#### STORAGE CONTAINERS

ACF Industries, Inc., Advanced Products Div. Air Products, Inc. American Car & Foundry Div., ACF Industries, Anerican Gar & roundry DIV., ACF Industries, Inc.
American Welding & Mfg. Co., The Applied Design Co.
Bar-Ray Products, Inc.
Basic Tool Industries, Inc.
Bekins Industrial Packaging
Buffalo Metal Container Corp.
Butler Mfg. Co.
Cardox Corp.
Champion Co., The
Conco Engrg, Works
\*CRAIG SYSTEMS, INC.
\*ECKOL PACKAGING CO.
FOOD Machinery & Chemical Corp., Ordnance
Div.
\*FRIJEHALIE TRAILED CO.

Div.

FRUEHAUF TRAILER CO.
G. W. Galloway Co.
Gremco, Inc.
Heldor Mfg. Co., Inc.
Ingersoll Kalamazoo Div., Borg-Warner Corp.
Joelin Mfg. Co.
Herrick L. Johnston, Inc.
Kelsey-Hayes Co.
Longren Aircraft Co., Inc.
Lukens Steel Co.
Luria Engrg. Co.
R. C. Mahon Co., The
Modglin Co. Inc.
Muckle Mfg. Co.
Nuclear Products—Erco, Div.-ACF Industries, Inc.
Olympic Plastics Co., Inc.
Olympic Plastics Co., Inc.
Copelika Welding, Machine & Supply Inc.
Paul & Beekman, Inc.

\*RESEARCH & ADWANCED DEVELOPMENT DIV.,
AVCO MFG. CO.
Royal Industries, Inc.
\*\*Standard Royal Co. Inc.
Science House, Inc. \*FRUEHAUF TRAILER CO.

\*RYAN INDUSTRIES
Science House, Inc.
Seamless Products Co., Inc.
Skydyne Inc.
Smith-Morris Corp.
Solar Aircraft Co.
Stearns-Roger Mfg. Co.
United Mfg. Co., The
Warren Mfg. Div., Warren Brothers Roads Co.
\*WASHINGTON ALUMINUM CO., INC.
Washington Technological Associates Inc.
Wells Industries Corp.
Zero Mfg. Co.

#### STOOLS & BENCHES

Alden Systems Co.
Ballymore Co.
Challenge Machinery Co., The
Gremco, Inc.
Standard Pressed Steel Co.
\*WASHINGTON ALUMINUM CO., INC.

#### STORAGE UNITS

(Liquid Oxygen, Liquid Nitrogen Low Tempera-

\*HOFMAN LABS., INC.

#### **SWITCHES**

\*MISSILE COMPONENTS GROUP, ELECTRO-SNAP SWITCH & MFG. CO.

#### TAILPIPES, JET ENGINE

ACF Industries, Inc., Advanced Products Div. Basic Tool Industries, Inc., Bridgwater Machine Co., Kaiser Aircraff & Electronics Div.-Kaiser Industries Corp.

tries Corp.
Kelsey-Hayes Co.
\*LYCOMING DIV., AYCO MFG. CORP.
Parish Pressed Steel, Div.-Dana Corp.
\*PHOENIX PRODUCTS CO.
Portland Copper & Tank Works Inc.
\*RHEEM MFG. CO., AIRCRAFT DIV.
Ryan Aeronautical Co.
Smith-Morris Corp.
Solar Aircraft Co.

\*UNITED AIRCRAFT PRODUCTS, INC.
Warren Mfg. Div., Warren Brothers Roads Co.
Wright Aeronautical Div., Curtiss-Wright Corp.

#### TANKS

ACF Industries, Inc., Advanced Products Div. Acme Welding Div., The United Tool & Die Co. American Welding & Mig. Co., The Basic Tool Industries, Inc. Champion Co., The Cromer Mig. & Engrg., Inc. J. P. DeVine Mig. Co. G. M. Dykes Iron Works, Inc. Food Machinery & Chemical Corp., Ordnance Div.

Food Machinery & Chemical Corp., Ordnance Div.
G. W. Galloway Co.
\*GARRETT CORP., THE, AIRESEARCH MFG. DIVS. Hahn & Clay
Ludwig Honold Mfg. Co.
Joclin Mfg. Co.
Kaiser Aircraft & Electronics Div.-Kaiser Industries Corp.
Kelsey-Hayes Co.
R. C. Mahon Co., The
Henry & Miller Industries, Inc.
Opelika Welding, Machine & Supply Inc.
\*RHEEM MFG. CO., AIRCRAFT DIV.
Royal Industries, Inc.
Ryan Aeronautical Co.
\*RYAN INDUSTRIES
Smith-Morris Corp.

\*RYAN INDUSIRIES
Smith-Morris Corp.
Solar Aircraft Co.
United Mfg. Co., The
\*WASHINGTON ALUMINUM CO., INC.
Wells Industries Corp.
Westholt Mfg. Co.

#### Auxiliary

Auxiliary

ACF Industries, Inc., Advanced Products Div. Basic Tool Industries, Inc.
Champion Co., The
Cromer Mfg. & Engrg., Inc.
G. W. Galloway Co.
Ludwig Honold Mfg. Co.
Hussmann Aircraft Div.
Joclin Mfg. Co.
Kaiser Aircraft & Electronics Div.-Kaiser Industries Corp.
Kelsey-Hayes Co.
Longren Aircraft Co., Inc.
Henry & Miller Industries, Inc.
Opelika Welding, Machine, & Supply Inc.
Ryan Aeronautical Co.
RYAN INDUSTRIES
Smith-Morris Corp.
Solar Aircraft Co.
\*WASHINGTON ALUMINUM CO., INC.
Wells Industries, Inc.
Wells Industries, Inc.
Ryan Aeronautical Co.
\*WASHINGTON ALUMINUM CO., INC.
Wells Industries Corp.
Westholt Mfg. Co.
Wright Aeronautical Div., Curtiss-Wright Corp.

#### Auxiliary Drop

Auxiliary Drop

ACF Industries, Inc., Advanced Products Div.
Basic Tool Industries, Inc.
Champion Co., The
Cromer Mfg. & Engrg., Inc.
G. W. Galloway Co.
Hussmann Aircraft Div.
Kaiser Aircraft & Electronics Div.-Kaiser Industries Corp.
Kelsey-Hayes Co.
Longren Aircraft Co., Inc.
Henry & Miller Industries, Inc.

Parish Pressed Steel, Div.-Dana Corp.
Royal Industries, Inc.
Ryan Acronautical Co.
\*RYAN INDUSTRIES
Smith-Morris Corp.
Solar Aircreft Co.
Wells Industries Corp.
Westholt Mfg. Co.

#### Fuel

ACF Industries, Inc., Advanced Products Div.
Acme Welding Div., The United Tool & Die Co.
Air Logistics Corp.
Air Products, Inc.
Buffalo, Metal Container Corp.
Champion Co., The
Cromer Mfg. & Engrg., Inc.
Four Wheel Drive Auto Co., The
\*\*RRUEHAUF TRAILER CO.
G. W. Galloway Co. Four Wheel Drive Auto Co., The
\*FRUEHAUF TRAILER CO.
6. W. Galloway Co.
8. F. Goodrich Aviation Products
Hussmann Aircraft Div.
Joclin Mfg. Co.
Herrick L. Johnston, Inc.
Kaiser Aircraft & Electronics Div. Kaiser Industries Corp.
Kelsey-Hayes Co.
Longren Aircraft Co., Inc.
Opelika Welding, Machine, & Supply Inc.
Parish Pressed Steel, Div.-Dana Corp.
Philips & Davies Inc.
Portland Copper & Tank Works Inc.
\*RHEEM MFG. CO., AIRCRAFT DIV.
Ryan Aeronautical Co.
\*RYAN INDUSTRIES
Shaw Metal Products Corp.
Solar Aircraft Co.
Steams-Roger Mfg. Co.
\*TRAILMOBILE INC.
\*WINITED AIRCRAFT PRODUCTS, INC.
Warren Mfg. Div.-Warren Brothers Roads Co.
\*WASHINGTON ALUMINUM CO., INC.
Wells Industries Corp.
Westholt Mfg. Co.

Liquid Nitrogen ACF Industries, Inc., Advanced Products Div. Air Products, Inc. Air Reduction Sales Co., Div.-Air Reduction

Air Products, Inc.,
Air Reduction Sales Co., Div.-Air Reduction
Co., Inc.
Aro Equipment Corp., The
Champion Co., The
Cromer Mfg. & Engrg., Inc.,
D. K. Mfg. Co.
G. W. Galloway Co.
B. F. Goodrich Aviation Products
Hahn & Clay
Herrick L. Johnston, Inc.
\*HOFMAN LABS., INC.
Kaiser Aircraft & Electronics Div.-Kaiser Industries Corp.
Kelsey-Hayes Co.
Menasco Mfg. Co.
Opelika Welding, Machine, & Supply Inc.
Philips & Davies Inc.
Philips & Davies Inc.
Philips & Davies Inc.
Philips & Davies Inc.
Protected Mfg. Co.
AIRCRAFT DIV.
Rocketdyne Div., North American Aviation, Inc.
Ronan & Kunzl, Inc.
\*RYAN INDUSTRIES
Solar Aircraft Co.
Steans-Roger Mfg. Co.
Superior Air Products Co.
Thompson Products, Inc.
Warren Mfg. Div., Warren Brothers Roads Co.
WashIndSTON ALUMINUM CO., INC.
Wells Industries Corp.
Western Arc Welding, Inc.
Westend Ar Welding, Inc.
Westend Arc Welding, Inc.
Westend Arc Welding, Inc.
Westend Arc Welding, Inc.
Westend Arc Welding, Inc.
Westend Arg.

#### Liquid Oxygen

ACF Industries, Inc., Advanced Products Div. Air Products, Inc.
Air Products, Inc.
Air Reduction Sales Co., Div.-Air Reduction Co., Inc.
Aro Equipment Corp., The Champion Co., The Clark-Aiken Co., The Cromer Mfg. & Engrg., Inc.
D K Mfg. Co.
\*FRUEHAUF TRAILER CO.
G. W. Galloway Co.
\*GARRETT CORP., THE, AIRESEARCH MFG. DIVS.
B. F. Goodrich Aviation Products
Hahn & Clay
Herrick L. Johnston, Inc.
\*HOFMAN LABS., INC.
Kaiser Aircraft & Electronics Div.-Kaiser Industries Corp.
Kalsey-Hayes Co.
Menasco Mfg. Co.
Opelika Welding, Machine, & Supply Inc.
Pioneer-Central Div., Bendix Aviation Corp.
Portland Copper & Tank Works Inc.
Rocketdyne Div., North American Aviation, Inc.
Ronan & Kunzl, Inc.
Ronan & Kunz ACF Industries, Inc., Advanced Products Div. Air Products, Inc. Air Reduction Sales Co., Div.-Air Reduction

\*WASHINGTON ALUMINUM CO., INC.
Wells Industries Corp.
Western Arc Welding, Inc.
Westholf Mfg. Co.
Wright Aeronautical Div., Curtiss-Wright Corp.

#### Liquified Gas Storage

ACF Industries, Inc., Advanced Products Div Air Products, Inc. Aro Equipment Corp., The Clark Aiken Co., The Cromer Mig. & Engrg., Inc. D K Mig. Co. \*FRUEHAUF TRAILER CO.

D K Mfg. Co.

PKNUEHAUF TRAILER CO.
Hahn & Clay
Herrick L. Johnston, Inc.
Kaiser Aircraft & Electronics Div.-Kaiser Industries Co.
Keisey-Hayes Co.
Menasco Mfg. Co.
Opelika Welding, Machine, & Supply Inc.
Philips & Davies Inc.
Pioneer-Central Div., Bendix Aviation Corp.
Portland Copper & Tank Works Inc.
Ronan & Kunzl, Inc.
Ronan & Kunzl, Inc.
Ronan & Kunzl, Inc.
Solar Aircraft Co.
Steams-Roger Mfg. Co.
Superior Air Products Co.
Weatherhead Co., The
Wells Industries Corp.

#### Low Temperature \*HOFMAN LABS., INC.

Oil

ACF Industries, Inc., Advanced Products Div. Acme Welding Div., The United Tool & Die Co. Buffalo Metal Container Corp.
Cromer Mfg. & Engrg., Inc., Four Wheel Drive Auto Co., The \*FRUEHAUF TRAILER CO.

B. F. Goodrich Aviation Products Hahn & Clay
Kaiser Aircraft & Electronics Div.-Kaiser Industries Corp.

\*REGENT JACK MFG. CO., INC.
Ryan Aeronautical Co.
Shaw Metal Products Corp.

\*TRAILMOBILE INC.
\*UNITED AIRCRAFT PRODUCTS, INC.
\*VICKERS INC., MARINE & ORDNANCE DEPT., MACHINERY HYDRAULICS DIV.
Wells Industries Corp.

#### Self Sealing

\*RHEEM MFG. CO., AIRCRAFT DIV. Wells Industries Corp.

#### Transportation and Storage

Transportation and Storage

ACF Industries, Inc., Advanced Products Div. Acme Welding Div., The United Tool & Die Co. Applied Design Co.

Buffalo Metal Container Corp.
Cardox Corp.
Champion Co., The Foreman Mfg. Co.
Four Wheel Drive Auto Co., The \*\*FRUEHAUT TRAILER CO.

B. F. Goodrich Aviation Products
Hahn & Clay
Herrick L. Johnston, Inc.
Kaiser Aircraft & Electronics Div.-Kaiser Industries Corp.
Nooter Corp.
Nuclear Products-Erco, Div.-ACF Industries, Inc.
Opelika Welding, Machine, & Supply Inc.
Portland Copper & Tank Works Inc.
\*\*RAEENT JACK MFG. CO., INC.
\*\*RATAILMOBILE INC.
\*\*RAILMOBILE INC.
\*\*WASHINGTON ALUMINUM CO., INC.
\*\*WASHINGTON ALUMINUM CO., INC.
\*\*WASHINGTON ALUMINUM CO., INC.
\*\*WEIS Industries Corp.

#### TENSIONS, COIL WINDING Dial Products Co.

#### THERMAL CONDITIONING EQUIPMENT

Airtemp Construction, Div.-Chrysler Corp. Dunham-Bush Inc., General Electric Co., Apparatus Sales Div. Herrick L. Johnston, Inc., Missimers Inc., Security Parachute Co., United Control Corp.

#### THERMAL CONDUCTIVITY CELLS

Farnsworth Electronic Co., Div.-Int'l Telephone & Telegraph Corp.
Green Rectifier Co. Industrial Instruments Inc.
Leads & Northrup Co.
Parameters, Inc.,
Process & Instruments
Victory Engineering Corp.

#### TOOLS

Capewell Mfg. Co. Federal Machine Co. Inc. Stevens Walden Inc.

#### Pneumatic Assembly

Alden Systems Co.
Aro Equipment Corp., The
Bendix Products Div., Bendix Aviation Corp.
Gardner-Denver Co.
Superior Pneumatic & Mfg., Inc.

#### Resistance Soldering

P. Wall Mfg. Co. Zephyr Mfg. Co. Inc.

#### Thermal Soldering

P. Wall Mfg. Co.

#### Ultrasonic Soldering

Acoustica Associates, Inc. Narda Ultrasonics Corp., The Pioneer-Central Div., Bendix Aviation Corp. Reeve Electronics, Inc.

#### Wire Wrapping

Gardner-Denver Co. Topper Mfg. Co., Inc. Utica Drop Forge & Tool Div.-Kelsey Hayes Co.

#### **TOROIDS**

TOROIDS

Acromag Inc.
Advance Industries, Inc.
Advance Industries, Inc.
Aerolite Electronics Corp.
American Research & Mig. Corp.
\*\*AMERICAN TUBE BENDING CO., INC.
Bendix Aviation Corp., York Div.
Burnell & Co., Inc.
Carad Corp.
Celco-Constantine Engrg. Laboratories Co.
D & R. Ltd.
Ferroxcube Corp. of America
Goslin Electric & Mig. Co.
International Research Associates
Johnson Electronics Inc.
Keystone Products Co.
Magnavox Co., The
Magnatic Core Corp.
NTT Electronics, Inc.
North Hills Electric Co., Inc.
Precision, Inc.
Sioux Radio Products
Solar Aircreft Co.
Southwestern Industrial Electronics Co.
D. M. Steward Mig. Co.
Ieleviso Corp.
Tensor Electric Development Co., Inc.
Topper Mig. Co., Inc.
Varo Mig. Co., Inc.
\*Westbury Electronics Inc.
\*\*WESTINGHOUSE ELECTRIC CORP.
Wheeler Electronic Corp., Sub.—Sperry Rand
Corp.

#### TRACERS, SIGNAL

Keystone Products Co. Keystone Products Co. Skiatron Electronics & Television Corp. Tensor Electric Development Co., Inc.

#### TRANSFER EQUIPMENT

(Low Temperature, Liquid Oxygen & Nitrogen) \*HOFMAN LABS., INC.

#### TRANSFORMERS

Acme Electric Corp.
Acro Products Co.
Advance Industries, Inc.
Advance Inc.
Advance Inc.
Advance Inc.
Bendix Advanction Corp., York Div.
Bogue Electric Mfg. Co.
Carad Corp.
Carad Corp.
Celco-Constantine Engrg. Laboratories Co.
Central Transformer Co.
Chicago Electronic Engrg. Co., Inc.
Chicago Standard Transformer Corp.
Coil Co. of America
Consolidated Radio Products Co.
Cycle Transformer Corp.
Del Electronics Corp.
Eisler Engrg. Co., Inc.
Electronic Transformer Co., Inc.
Electronic Transformer Co., Inc.
Electronic Dept., Hamilton Standard Div.,
United Aircraft Corp.
Epoc Products Inc.
Ferranti Electric Inc.
General Railway Signal Co.
Goslin Electric & Mfg. Co.
Green Rectifier Co.

Hermetic Seal Transformer Co., Div.-Southwestern Industrial Electronics Hevi-Duty Electric Co., #INTERELECTRONICS CORP. Hevi-Duty Electric Co.
INTERLECTRONICS CORP.
Lenkurt Electric Co., Inc.
Mara Electronics, Inc.
Munston Mfg. & Service, Inc.
NYT Electronics, Inc.
National Coil Co.
New York Coil Co., Inc.
New York Coil Co., Inc.
New York Transformer Co. Inc.
Osborne Electronic Sales Corp.
Ray Electronics Inc.
Ryan Aeronautical Co.
Southwestern Industrial Stellectronics Co.
Sterling Transformer Corp.
Telectro Industries Corp.
Tensor Electric Development Co., Inc.
Terminal Radio Corp.
Topper Mfg. Co., Inc.
Transnoic, Inc.
Transformer Corp.
United Transformer Corp.
United Transformer Corp.
Varen Transformer Corp.
Varen Transformer Corp.
Waren Transformer Corp.
Wheeler Electronic Corp., Sub-Sperry Rand
Corp.

#### Audio

Audio

Burnell & Co., Inc.
Carad Corp.
Celco-Constantine Engrg, Laboratories Co.
Celco-Constantine Engrg, Co., Inc.
Chicago Electronic Engrg, Co., Inc.
Chicago Standard Transformer Corp.
Coil Co. of America
Electrical Windings, Inc.
Electro Engrg, Works
Electronic Transformer Co., Inc.
Ferranti Electric Inc.
Goslin Electric & Mfg. Co.
Hermetic Seal Transformer Co., Div.-Southwestern
Industrial Electronics
\*\*INTERLECTRONICS CORP.
\*\*Lenkurt Electric Co., Inc.
Microtran Co., Inc.,
Microtran Co., Inc.,
Microtran Co., Inc.,
National Coil Co.
New York Transformer Co., Inc.
National Coil Co.
New York Coal Co., Inc.
New York Transformer Co., Inc.
Osborne Electronics Sies Corp.
Ram Electronics Inc.
Ryan Aeronautical Co.
Sangamo Electric Co.
Sangamo Electric Co.
Saratoga Industrial
Southwestern Industrial Electronics Co.
Sterling Transformer Corp.
Superex Electronics Corp.
Telectro Industries Corp.
Telectro Industries Corp.
Tensor Electronics Corp.
Tensor Electroner Corp.
United Transformer Corp.
United Transformer Corp.
Varen Mfg. Co., Inc.
Transformer, Inc.
Transformer, Inc.
Transformer, Inc.
Transformer Corp.
Varen Transformer Corp.
Varen Mfg. Co.
Warren Transformer Corp.
Varen Transformer Corp

#### Fly Back

Fly Back
Carad Corp.
Celco-Constantine Engrg, Laboratories Co.
Chicago Standard Transformer Corp.
Coil Co. of America
Mara Electronics, Inc.
J. J. Monaghan Co., Inc.
New York Transformer Co., Inc.
Osborne Electronic Sales Corp.
Ram Electronics Inc.
Telectro Industries Corp.
Tensor Electric Development Co., Inc.
Terminal Radio Corp.
Triad Transformer Corp.
Varo Mfg. Co.
Warren Transformer Co., Inc.
Wright Zimmerman, Inc.

#### Foil Wound

Celco-Constantine Engrg. Laboratories Co. Central Transformer Co. Coil Co. of America Consolidated Radio Products Co. Cycle Transformer Corp. Epco Products Inc. Gossin Electric & Mfg. Co. Hermetic Seal Transformer Co., Div.-S western Industrial Electronics Johnson Electronics Inc. Lindberg Engrg. Co. J. J. Monaghan Co., Inc. New York Transformer Co. Inc. Osborne Electronic Sales Corp. Ram Electronics Inc. Sterling Transformer Corp. Telectro Industries Corp. Telectro Industries Corp. Tensor Electric Development Co., Inc. Terminal Radio Corp. Co., Div.-SouthTransonic, Inc. United Transformer Corp. Varo Mfg. Co. Warren Transformer Co., Inc.

#### General

Warren Transformer Co., Inc.

General

Acme Electric Corp.,
Advance Industries, Inc.
Carad Corp.
Celco-Constantine Engrg. Laboratories Co.
Central Transformer Co.
Chicago Electronics Engrg. Co., Inc.
Chicago Standard Transformer Corp.
Coil Co. of America
Consolidated Radio Products Co.
Cycle Transformer Corp.
Del Electronics Corp.
Eisler Engrg. Co., Inc.
Electro Engrg. Works
Electronics Deot., Hamilton Standard Div.,
United Aircraft Corp.
Epco Products Inc.
Ferranti Electric Co., Apparatus Sales Div.
General Railway Signal Co.
Goslin Electric & Mrg. Co.
Green Recitifier Co.
Hermetic Seal Transformer Co., Div.-Southwestern Industrial Electronics
Hevi-Duty Electric Co.
Hindle Transformer Co. Inc.
A. F. Holden Co., The
\*INITERELECTRONICS CORP.
Johnson Electronics Inc.
Keystone Products Co.
Kolton Electric Mfg. Co.
Mara Electronics, Inc.
Microtran Co., Inc.
J. J. Monaghan Co., Inc.
Multi-Amp Corp.
NYT Electronics, Inc.
National Coil Co., Inc.
New York Coil Co., Inc.
Transformer Corp.
Telectro Industries Corp.
Telectro Industries Corp.
Telectronics Inc.
Transformer Corp.
Vargo Mfg. Co.
Vibration Research Labs., Inc.
WestinchOUSE Electronic Corp., Sub.-Sperry Rand
Corp.

High Voltage Power Supply
Aiten Inc.

High Voltage Power Supply

Airtron, Inc.
Bendix Aviation Corp., York Div.
Bogue Electric Mfg. Co.
Bracke-Seib X-Ray Co., Inc.
Carad Corp.
Celco-Constantine Engrg. Laboratories Co.
Central Transformer Co.
Chicago Standard Transformer Corp.
Consolidated Radio Products Co.
Cycle Transformer Corp.
Electronics Corp.
Eisler Engrg. Co., Inc.
Electro Engrg. Works
Electronic Transformer Co., Inc.
Electro Engrg. Works
Electronic Transformer Co., Inc.
Electronics Dept., Hamilton Standard Div.,
United Aircreft Corp.
Ferranti Electric Inc.
Fugle-Miller Labs. Inc.
General Electric & Mfg. Co.
General Precision Lab. Inc.
Goslin Electric & Mfg. Co.
Green Rectifier Co.
Hammett Electric Co.
Hammett Electric Co.
Hammett Electric Co.
Hermetic Seal Transformer Co., Div.-Southwestern Industrial Electronics
Hevi-Duty Electric Co.
Miller Transformer Co. Inc.
\*\*NITERLECTRONICS CORP.\*\*
Keystone Products Co.
Kolfon Electric Mfg. Co.
Mara Electronics, Inc.
Milt-Amp Corp.
Muston Mfg. & Service, Inc.
NYT Electronics, Inc.
New York Coil Co., Inc.
New York Transformer Co. Inc.
Osborne Electronic Sales Corp.
Peschel Electronics, Inc.
Ram Electronics, Inc.
Ram Electronics, Inc.
Rayn Aeronautical Co.
Saratoga Industries
Southwestern Industrial Electronics Co.
Telectro Industries Corp.
Tensor Electric Development Co., Inc.
Ferninal Radio Corp.
Topper Mfg. Co., Inc. High Voltage Power Supply



# AND SHIELDED CABLES

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Intermediate Frequency

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#### Miniature

Miniature

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Trisd Transformer Corp.
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Power

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#### TRANSPORT UNITS

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VACUUM UNITS

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VALVE OPERATOR, HYDRAULIC

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Accumulator Charging

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Arkomatic Valve Co., Inc.
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Research Controls
Milton Roy Co.
Thompson Products, Inc.
\*\*VALCOR ENGRG. CORP.
Vickery Co., The
Visceny Co., T

#### Acid Resistant

Acid Resistant

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Associated Valve Co., Inc.
Associated Valve Co., Inc.
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Afterburner

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Hoke Inc.
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Lear, Inc.

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Vinson Mfg. Co. Inc.

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Automatic Situton

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Arkwin Industries, Inc.
Atkomatic Valve Co., Inc.
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Dumont Aircraft Fitting Co.
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DIVS.

Futurecraft Corp.

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Koehler Aircraft Products Corp.
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Mar Vista Engra. Co.,
Mar Vista Engra. Co.,
Parker Aircraft Corp.
Porneu-Hydro Valve Corp.
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Preu-Hydro Valve Corp.
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Autopilot Control

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Lear, Inc.
Ozone Metal Products Corp.
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Tactair Valve Div.,Aircraft Products Co.
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Tactair Valve Div. Aircraft Products Co.
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Cons.

Weatherhead Co., The Whittaker Controls, Div.-Telecomputing Corp.

#### By-Pass

By-Pass

Aero Supply Mfg. Co., Inc.
Aeronautical & Instrument
Fulton Controls Co.
Allen Aircraft Products, Inc.
Arkwin Industries, Inc.
Asociated Valve Co.
Automatic Switch Co.
Barber-Colman Co.
Chandler-Evans, Div.-Pratt & Whitney Co., Inc.
Clary Dynamics
Consolidated Controls Corp.
Dumont Aircraft Fitting Co.
\*\*ELECTROL INC.
Engelberg Huller Co., Inc.
Ex-Cell-O Corp.
Futurecraft Corp.

THE AIRESEARCH MFG.

Futurecraft Corp. \*GARRETT CORP., THE, AIRESEARCH MFG.

Ex-Cell-O Corp.
Futureraft Corp.
Total Corp.
SGARRETT CORP., THE, AIRESEARCH MFG.
DIVS.

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Hammel-Dahl, Div.-General Controls
Hoefner Corp.
Walter J. Hyatt Co., The
Hydromatics, Inc.
James Pond & Clark, Inc.
\*JANITROL AIRCRAFT DIV-SURFACE COMBUSTION CORP.
Kemp Aero Products, Div.-Kemp Inc.
Koehler Aircraft Products Co., Inc.
La Pointe Industries Inc.
M. C. Mfg. Co.
Mercury Rad Corp.
J. J. Monaghan Co., Inc.
Oil-Rite Corp.
Ozone Metal Products Corp.
Parker Aircraft Co.
Pneu-Hydro Valve Corp.
Progressive Research & Development Co., Inc.
REFUBLIC MFG. CO.
Research Controls
Schutte & Koerting Co.
Sun Electric Corp.
Tactair Valve Div.-Aircraft Products Co.
Thompson Products, Inc.
\*VALCOR ENGRG. CORP.
Vickers Inc. Div.-Sperry Rand
\*VICKERS INC., MARINE & ORDNANCE DEPT.,
MACHINERY HYDRAULICS DIV.
Visson Mfg. Co. Inc.
Waldorf Instrument Co., Div.-F. C. Huyck &
Sons
Whittaker Controls, Div.-Telecomputing Corp.

Whittaker Controls, Div.-Telecomputing Corp.

#### Check and Check Relief

Check and Check Reliet
Aero Supply Mfg. Co., Inc.
Aerotex Corp., The
Airborne Research & Development Corp.
A. K. Allen Co.
Allen Aircraft Products, Inc.
Anderson, Greenwood & Co.
Annin Corp., The
Artwin Industries, Inc.
Aro Equipment Corp.,
Associated Valve Co.
Auto-Valve Inc.
Barber-Colman Co.
Barksdale Valves
Carleton Aviation Co., Inc.
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Clary Dynamics

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Dumont Aircreft Fitting Co.
Electric Steel Foundry Co.

\*ELECTROL INC.
Engiber Huller Co., Inc.
Engineered Products Co., The
Essex Mfg. Co., Inc.
Fairbanks Co., The
Futurecraft Corp.,

\*GARRETT CORP., THE, AIRESEARCH MFG.
DIVS.

\*GARREII CORP., THE, AIRESEAI DIVS. General Nuclear Corp. \*GREER HYDRAULICS, INC. B. H. Hadley, Inc. Hammel-Dahl, Div.-General Controls Hoefner Corp.

8. H. Hadiey, Inc.
Hammel-Dahl, Div.-General Controls
Hoefner Corp.
Hoke Inc.
Walter J. Hyatt Co., The
Hydra-Power Corp.
Hydraulic Press Mig. Co., The, Div.-Koehring Co.
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Kemp Aero Products, Div.-Kemp Inc.
Walter Kidde & Co., Inc., Aviation Div.
Koehler Aircraft Products Co., Inc.
Kohler Co.
Ladish Co.
La Pointe Industries Inc.
\*\*WALLACE O. LEONARD, INC.
Marman Div.-Aeroquip Corp.
Marotta Valve Corp.
A. Y. McDonald Mig. Co.
Mercury Rad Corp.
J. J. Monaghan Co., Inc.
Ozone Metal Products Corp.
Pacific Div.-Bendix Aviation Corp.
Pacific Div.-Bendix Aviation Corp.
Pacific Div.-Bendix Aviation Corp.
Reaction Motors, Inc.
REPUBLIC MFG. CO.
Research Appliance Co.
Milton Roy Co.
Schutte & Koerting Co.
A. U. Stone & Co., Inc.
Sun Electric Corp.
Sundstrand Turbo Div.-Sundstrand Machine Tool
Co.
Lactair Valve Div.-Aircraft Products Co.

Tactair Valve Div.-Aircraft Products Co.

Tactair Valve Div.-Aircraff Products Co.
Thompson Products, Inc.
\*UNITED AIRCRAFT PRODUCTS, INC.
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Vap-Air Div.-Vapor Heating Corp.
Vickers Inc. Div.-Sperry Rand
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MACHINERY HYDRAULICS DIV.
Vinson Mfg. Co., Inc.
Waldorf Instrument Co., Div.-F. C. Huyck &
Sons.

Sons
Weatherhead Co., The
Whittaker Controls, Div.-Telecomputing Corp.

#### Check-Hydraulic, Gas

Aero Supply Mfg. Co., Inc.
Airborne Research & Development Corp.
Allen Aircraft Products, Inc.
Anderson, Greenwood & Co.
Arkwin Industries, Inc.
Associated Valve Co.
Carleton Aviation Co., Inc.
Clary Dynamics Carleton Aviation Co., Inc.
Clary Dynamics
\*CORNELIUS CO., THE
Dumont Aircraft Filting Co.
\*ELECTROL INC.
Engelberg Huller Co., Inc.
Essex Mfg. Co., The
Futurecraft Corp.

Essex Mig. Co., The Futurecraft Corp.

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Hammel-Dahl, Div.-General Controls

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James, Pond & Clark, Inc.

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Koehler Aircraft Products Co., Inc.

Kohler Co.

La Pointe Industries, Inc.

\*\*WALLACE O. LEONARD, INC.

Mar Vista Engrg. Co.

Marman Div.-Aeroquip Corp.

Marotta Valve Corp.

A. Y. McDonald Mig. Co.

Mercury Rad Corp.

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Parker Aircraft Co.

Parker-Hannifin Corp.

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\*\*REPUBLIC MFG. CO.

\*\*REPUBLIC MFG. CO.

Parker-Hannith Corp.
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\*REPUBLIC MFG. CO.
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A. U. Stone & Co., Inc.
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\*VICKERS INC., MARINE & ORDNANCE DEPT.,
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Vickery Co., The
Vinson Mfg. Co., Inc.
Waldorf Instrument Co., Div.-F. C. Huyck &
Sons

Sons Whittaker Controls, Div.-Telecomputing Corp.

#### Control

Control

Aero Supply Mfg. Co., Inc.
Alco Valve Co.
A. K. Allen Co.
Altair Inc.
Arkwin Industries, Inc.
Associated Valve Co., Inc.
Atkwin Industries, Inc.
Associated Valve Co., Inc.
Automatic Switch Co.
Barber-Colman Co.
Barber-Colman Co.
Barber-Colman Co.
Barber-Colman Co.
Barber-Colman Co.
Barber-Colman Co.
Constrol Services, Inc.
A. W. Cash Co.
Chandler-Evans, Div.-Pratt & Whitney Co., Inc.
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Consolidated Controls Corp.
Dumont Aircraft Fitting Co.
Dynamic Controls Corp.
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\*ELECTROL INC.
Engelberg Huller Co., Inc.
Fischer & Porter Co.
Fischer & Porter Co., Inc.
Fischer & Porter Co., Inc.
Fischer & Porter Co., Inc.
Fischer & Porter Corp.
Galland-Henning Nopak Div.
\*GARRETT CORP., THE, AIRESEARCH MFG. DIVS.
General Nuclear Corp.
\*GREER HYDRAULICS, INC.
B. H. Hadley, Inc.
Hainer Valves, Inc.
Hammel-Dahl, Div.-General Controls
Walter J. Hyatt Co., The
\*Hydra-Power Corp.
Hydra-Power Corp.
Hydra-Brass Mfg. Co., The
\*JANITROL AIRCRAFT DIV.-SURFACE COMBUSTION CORP.
Kemp Aero Products, Div.-Kemp Inc.
Kohler Co.
Kohler Aircraft Products Co., Inc.
Kohler Co.

\*KOONTZ-WAGNER ELECTRIC CO., INC.
La Pointe Industries Inc.

Könler Co.

\*KOONTZ-WAGNER ELECTRIC CO., INC.
La Pointe Industries Inc.
La Pointe Industries Inc.
Lyndon Aircraft, Inc.
Lyndon Aircraft, Inc.
M. C. Mfg. Co.
Mar Vista Engrg. Co.
Mar Vista Engrg. Co.
Marotta Valve Corp.
Mercury Rad Corp.
Mercury Rad Corp.
Minneapolis-Honeywell Regulator Co., Industrial
Div.

Mercury Rad Corp.
Minneapolis-Honeywell Regulator Co., Industrial
Div.
J. J. Monaghan Co., Inc.
Ozone Metal Products Corp.
Parker Aircraft Co.,
Pneu-Hydro Valve Corp.
Progressive Research & Development Co., Inc.
Reaction Motors, Inc.
REPUBLIC MFG. CO.
Research Controls
Sun Electric Corp.
Tactair Valve Div.-Aircraft Products Co.
Thompson Products Inc.
Uniflow Valve Corp.
Vickers Lore, Div.-Sperry Rand
VICKERS INC., MARINE & ORDNANCE DEPT.,
MACHINERY HYDRAULICS DIV.
Vickery Co., The
Vinson Mfg. Co. Inc.
Waldorf Instrument Co., Div.-F. C. Huyck &
Sons
\*WMETINGHOUSE AIR BRAKE CO., INDUST.

\*WESTINGHOUSE AIR BRAKE CO., INDUST. PRODUCTS DIV.
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Diaphragm

Diaphragm

Aero Supply Mfg. Co., Inc.
Alco Valve Co.
A. K. Allen Co.
A. W. Cosh Co.
A. W. Cash Co.
Consolidated Controls Corp.
Continental Diamond Fibre Corp., Sub.-The Budd
Co.
Electronics Dept., Hamilton Standard Div.United Aircraft Corp.
General Controls Co.
Gray & Huleguard, Inc.
B. H. Hadley, Inc.
Hammel-Dail, Div.-General Controls
Hills-McCanna Co.
Imperial Brass Mfg. Co. The
\*\*JANITROL AIRCRAFT DIV.-SURFACE COMBUSTION CORP.
Kemp Aero Products, Div.-Kemp Inc.
Koehler Aircraft Products Co., Inc.
Marotta Valve Corp.
A. Y. McDonald Mfg. Co.
Mercury Rad Corp.
Minneapolis-Honeywell Regulator Co., Industrial
Div.
Div. Monaghan Co., Inc.

Div.
J. J. Monaghan Co., Inc.
Parker Aircraft Co.
Pneu-Hydro Valve Corp.
Powers Regulator Co., The

Research Controls
Schutte & Koetting Co.
Thompson Products, Inc.
Uniflow Valve Corp.
\*UNITED AIRCRAFT PRODUCTS, INC.
\*VALCOR ENGRG, CORP.
Vap-Air Div., Vapor Heating Corp.
\*VICKERS INC., MARINE & ORDNANCE DEPT.,
MACHINERY HYDRAULICS DIV.
Vinson Mig. Co. Inc.
\*WESTINGHOUSE AIR BRAKE CO., INDUST.
PRODUCTS DIV.
Weston Hydraulics, Ltd.
Whittaker Controls, Div.-Telecomputing Corp.

Dump

Aero Supply Mfg. Co., Inc.
Aeronautical & Instrument Div.-Robertshaw-Fulron Controls Co.
Allan Aircraft Products, Inc.
Arkwin Industries, Inc.
Automatic Switch Co.
Auto-Valve Inc.
Clary Dynamics
Coppus Engrg. Corp.
Engelberg Huller Co., Inc.
Roeberg Huller Co., Inc.
Hammel-Dahl, Div.-General Controls
Walter J. Hyatt Co., The
Hydra-Dower Corp.
\*\*JANITROL AIRCRAFT DIV.-SURFACE COMBUSTION CORP.
Kaiser Aircraft & Electronics Div.-Kaiser Industries Corp.
Kemp Aero Products Div.-Kemp Inc.
Koehler Aircraft Products Co., Inc.
Koehler Aircraft Products Co., Inc.
Koehler Aircraft Products Co., Inc.
Koehler Aircraft Products Corp.
Parker Aircraft Co.
Parker Aircraft Co.
Republic Metal Products Corp.
Parker Aircraft Co.
Republic Metal Products Corp.
Progressive Research & Development Co., Inc.
Reaction Motors, Inc.
\*\*REPUBLIC MFG. CO.
Sun Electric Corp.
Thompson Products, Inc.
\*\*WALCOR ENGRG. CORP.
Vickers Inc., Div.-Sperry Rand
Vickery Co., The
Viscery Co., The
Viscery House Air BRAKE CO., INDUST.
PRODUCTS DIV.

\*WESTINGHOUSE AIR BRAKE CO., INDUST. PRODUCTS DIV.
Whittaker Controls, Div.-Telecomputing Corp.

Electronic Solenoid

Aero Supply Mfg. Co., Inc.
Alco Valve Co.
Altair Inc.
Arkwin Industries, Inc.
Atkomatic Valve Co., Inc.
Automatic Switch Co.
Barksdale Valves
Cadillac Gage Co.
Clary Dynamics
Conax Corp.
Dynamic Controls Corp.
\*EASTERN INDUSTRIES, INC.
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Walter J. Hyatt Co., The
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Parker Aircraft Co.
Pneu-Hydro Valve Corp.
Progressive Research & Development Co., Inc.
Thompson Products, Inc.
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Aeronautical & Instrument Div.—Robertshaw-Fulton Controls Co. Clary Dynamics \*GARREIT CORP., THE, AIRESEARCH MFG.

GARRETT CORP., THE, AIRESEDENCE
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Hydromatics, Inc.
\*\*\*JANITROL AIRCRAFT DIV.-SURFACE COMBUSTION CORP.
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La Pointe Industries Inc.
Marotta Valve Corp.
A. Y. McDonald Mfg. Co.
Parker Aircraft Co.
Pneu-Hydro Valve Corp.
Progressive Research & Development Co., Inc.
Ryan Aeronautical Co.
Schutte & Koerling Co.
Thompson Products, Inc.
\*\*\*IIINITED AIRCRAFT PRODUCTS, INC.

Thompson Products, Inc.
\*\*UNITED AIRCRAFT PRODUCTS, INC.
United Supply Co.
Vinson Mfg. Co. Inc.
Whittaker Controls, Div.-Telecomputing Corp.

Aero Supply Mfg. Co., Inc. Allen Aircraft Products, Inc. Arkwin Industries, Inc. Associated Valve Co. Auto-Valve Inc. Auto-Valve Inc.
Clary Dynamics
Fairbanks Co., The
Hammel-Dahl, Div.—General Controls
Kemp Aero Products, Div. Kemp Inc.
Koehler Aircraft Products Co., Inc.
Pneu-Hydro Valve Corp.
Thompson Products, Inc.
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Whittaker Controls, Div.-Telecomputing Corp.

#### Globe

Anderson, Greenwood & Co.
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Associated Valve Co.
Carleton Aviation Co., Inc.
Cooper Alloy Corp.
Electric Steel Foundry Co.
General Controls Co.
General Nuclear Corp.
Hammel-Dahl, Div.—General Controls
Hammet Electric Co. Hammett Electric Co.
Hoke Inc.
Hoke Inc.
Hoke Inc.
Hoke Inc.
Kemp Are Products, Div.-Kemp Inc.
Keepler Aircraft Products Co., Inc.
Loadish Co.,
National Aircrid Burner Co.
Powers Regulator Co., The
\*\*REPUBLIC MFG CO.
Research Controls
Robbins Aviation, Inc.
Thompson Products, Inc.
Vinson Mfg. Co. Inc.
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#### Helium

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Aeronautical & Instrument Div., Robertshaw-Fulton Controls Co.
Airborne Research & Development Corp.
Anderson, Greenwood & Co.,
Arkein Industries, Inc.
Atkomatic Valve Co., Inc.
Cardox Corp.
Carleton Aviation Co., Inc.
A. W. Cash Co.
Chandler-Evans, Div.-Pratt & Whitney Co., Inc.
Clary Dynamics
Dumont Aircraft Fitting Co.
Engelberg Huller Co., Inc.
Engelberg Huller Co., Inc.
Engelberg Huller Co., Inc.
Engelberg Huller Co., General Controls Co.

8. H. Hadley, Inc.
Hainer Valves, Inc.
Hammel-Dahl, Div.—General Controls
Walter J. Hyatt Co., The
Hydromatics, Inc.
James, Pond & Clark, Inc.
Herrick L. Johnston, Inc.
Kemp Aero Products, Div.-Kemp Inc.
Koehler Aircraft Products Co., Inc.
\*WALLACE O. LEONARD, INC.
Mar Vista Engra, Co.
Marotta Valve Corp.
Minneapolis-Honeywell Regulator Co., Industrial
Div. Minneapolis-rolleywell Regulator Co., Industrial Div.
Pioneer-Central Div., Bendix Aviation Corp.
Progressive Research & Development Co., Inc.
Reaction Motors, Inc.
\*REPUBLIC MFG. CO.
Research Controls
Robbins Aviation, Inc.
A. U. Stone & Co., Inc.
Talley Corp., The
Thompson Products, Inc.
Vickery Co., The
Viscery Co., The
Vision Mfg. Co. Inc.
Waldorf Instrument Co., Div.-F. C. Huyck &
Sons Div Weston Hydrautics, Ltd.
Whittaker Controls, Div.-Telecomputing Corp.

#### High Pressure Gas

Accessory Controls & Equipment Corp. Aero Supply Mfg. Co., Inc. Aeronautical & Instrument Div.—Robertshaw-Ful-ton Controls Co. Airborne Research & Development Corp. Airborne Research & Develo Altair Inc.
Anderson, Greenwood & Co. Anderson, Greenwood & Co. Annin Corp., The Arkwin Industries, Inc.
Aro Equipment Corp., The Associated Valve Co. Atlomatic Valve Co., Inc. Automatic Switch Co. Barksdale Valves Cardox Corp., Clary Dynamics Cardox Corp.
Clary Dynamics Clary Dynamics
Conax Corp.

\*CORNELIUS CO., THE
Dumont Aircraft Fitting Co.
Dynamic Controls Corp.
Engelberg Huller Co., Inc.
Futurecraft Corp.

\*SARRETT CORP., THE, AIRESEARCH MFG. \*GARKET DIVS.
DIVS.
General Controls Co.
\*GREER HYDRAULICS, INC,
B. H. Hadley, Inc.
Hainer Valves, Inc.
Hammel-Dahl, Div.-General Controls Hammel-Dahl, Div.-General Controls
Hoke Inc.
Walter J. Hyatt Co., The
Hydra-Power Corp.
Hydra-Power Corp.
Hydra-North Clark, Inc.
JYANITROL AIRCRAFT DIV.-SURFACE COMBUSTION CORP.
Kemp Aero Products, Div.-Kemp Inc.
Walter Kidde & Co., Inc., Aviation Div.
Koehler Aircraft Products Co., Inc.,
KOONTZ-WAGNER ELECTRIC CO., THE
La Pointe Industries Inc.

La Pointe Industries Inc. \*WALLACE O. LEONARD, INC.

\*WALLACE O. TEONARD, INC.
Lyndon Aircraft, Inc.
Mar Vista Engrg. Co.
Marotta Valve Corp.
Mercury. Rad Corp.
Mercury. Rad Corp.
Mercury. Rad Corp.
Minneapolis-Honeywell Regulator Co., Industrial Div.
Pneu-Hydro Valve Corp.
Progressive Research & Development Co., Inc.
Puritan Compressed Gas Corp., Aviation Div.
\*REPUBLIC MFG. CO.
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A. U. Stone & Co., Inc.
Tactair Valve Div.-Aircraft Products Co.
Thompson Products, Inc.
Uniflow Valve Corp.
\*VALCOR ENGRG. CORP

Thompson Products, Inc.
Uniflow Valve Corp.
\*VALCOR ENCRG. CORP.
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Vickery Co., The
Vinson Mfg. Co. Inc.
Waldorf Instrument Co., Div.-F. C. Huyck &

Sons
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PRODUCTS DIV.
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#### Hydraulic System

Agro Supply Mfg. Co., Inc.
Airborne Research & Development Corp.
Altair Inc.
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Anderson, Greenwood & Co.
Arkwin Industries, Inc.
Associated Valve Co.,
Atkomatic Valve Co., Inc.
Auto-Control Labs., Inc.
Bridgwater Machine Co.
CDC Control Services, Inc.

Cadillac Gage Co., Carleton Aviation Co., Inc.
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\*EASTERN INDUSTRIES, INC.
\*ELECTROL INC.
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Futurecraft Corp.,
\*GARREIT CORP., THE, AIRESEARCH MFG. DIVS.
General Controls Co.
\*GREER HYDRAULICS, INC. GREER HYDRAULICS, INC.
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Walter J. Hyatt Co., The
Hydra-Power Corp.
Hydraulic Press Mfg. Co., The, Div.-Koehring Co.
Hydrounitics, Inc.
James, Pond & Clark, Inc.
Kearfott Co., Inc.
Kemp Aero Products, Div.-Kemp Inc.
Kohler Co. KOONTZ-WAGNER ELECTRIC CO., THE La Pointe Industries Inc. Lear, Inc.

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Loewy-Hydropress, Div.—Baldwin-Lima-Hamilton
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Marvista Engrq. Co.
Marvista Engrq. Co.
Marvista Engrq. Co.
Marotta Valve Corp.
A. Y. McDonald Mig. Co.
Mercury Rad Corp.
Ozone Metal Products Corp.
Pacific Div.-Bendix Aviation Corp.
Pacific Div.-Bendix Aviation Corp.
Parker Aircraft Co.
Progressive Research & Development Co., Inc.
\*REPUBLIC MFG. CO.
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Robbins Aviation, Inc.
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Co.
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\*VICKERS INC., MARINE & ORDNANCE DEPT.,
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Weatherhead Co., The
Weighing & Control Components, Inc.
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Arkwin Industries, Inc.
Atkomatic Valve Co., Inc.
Automatic Switch Co.
Clary Dynamics
Conex Corp.
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Dumont Aircraft Fitting Co.
Futurecraft Corp.
General Controls Co.
B. H. Hadley, Inc.
Hainer Valves, Inc.
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Hainer Valves, Inc.
Walter J. Hyatt Co., The
Hydromatics, Inc.
James, Pond & Clark, Inc.
Herrick L. Johnston, Inc.
Kemp Aero Products, Div.-Kemp Inc.
Koehler Aircraft Products Co., Inc.
Kohler Co.
WaltaCE O. LEONARD, INC.
Mar Vista Engrg. Co.
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Mercury Rad Corp.
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Div.
Pioneer-Central Div., Bendix Aviation Corp.

Minneapolis-Honeywell Regulator Co., Industria Div.
Div.
Pioneer-Central Div., Bendix Aviation Corp.
Pneu-Hydro Valve Corp.,
Progressive Research & Development Co., Inc.
\*REFUBLIC MFG. CO.
Research Controls
Robbins Aviation, Inc.
A. U. Stone & Co., Inc.
Talley Corp., The
Thompson Products, Inc.
Vickery Co., The
Vinson Mfg. Co. Inc.
Weston Hydraulics, Ltd.
Whittaker Controls, Div.-Telecomputing Corp.

Motor Operated

Motor Operated

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Dumont Aircraft Fitting Co.
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B. H. Hadley, Inc., Hainer Valves, Inc., Hainer Valves, Inc., Lainer Valves, Inc., Lamperial Brass Mfg. Co., The Herrick L. Johnston, Inc., Kemp Aero Products, Div.-Kemp Inc., Koehler Aircraft Products Co., Inc., Lyndon Aircraft, Inc.
Lyndon Aircraft, Inc.
Mercury Rad Corp.
Minneapolis-Honeywell Regulator Co., Industrial Div.
Motordyne Inc.

Mercury Rad Corp.

Minneapolis-Honeywell Regulator Co., Industrial
Div.

Motordyne Inc.
Oil-Dyne, Inc.
Pacific Div.-Bendix Aviation Corp.
Parker Aircraft Co.
Pioneer-Central Div. Bendix Aviation Corp.
Progressive Research & Development Co., Inc.
\*REPUBLIC MFG. CO.
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Schutte & Koerling Co.
Talley Corp., The
Thompson Products, Inc.
Vip-Air Div., Vapor Heating Corp.
Vip-Air Div., Vapor Heating Corp.
Vinson Mig. Co. Inc.
Waldorf Instrument Co., Div.-F. C. Huyck &
Sons
Sons

Sons Whittaker Controls, Div.-Telecomputing Corp.

#### Needle

A. K. Allen Co.
Anderson, Greenwood & Co.
Arkwin Industries, Inc.
Associated Valve Co.
Auto-Valve Inc.
Cooper Alloy Corp.
Electric Steel Foundry Co.
Engineered Products Co., The
Fairbanks Co., The
Futurecraft Corp.
\*GARREIT CORP., THE, AIRESEARCH MFG. DIVS,
General Nuclear Corp.
Hammel-Dahl, Div.-General Controls
Hoke Inc.

General Nuclear Corp.
Hammel-Dahl, Div.-General Controls
Hoke Inc.
Hoke Inc.
Hydra-Power Corp.
Heal-Aerosmith, Inc.
Kepp Aero Products, Div.-Kemp Inc.
Kohler Co.
Ladish Co.
Gerard Corp.
J. Monaghan Co., Inc.
Mercury Rad Corp.
J. J. Monaghan Co., Inc.
Oil-Dyne, Inc.
Oil-Nie Corp.
Orone Metal Products Corp.
Propulydro Valve Corp.
\*\*REPUBLIC MFG. CO.
Research Controls
Robbins Aviation Inc.
\*\*UNITED AIRCRAFT PRODUCTS, INC.
United Supply Co.
\*\*VICKERS INC. MARINE & ORDNANCE DEPT.,
MACHINERY HYDRAULICS DIV.
Vinson Mig. Co. Inc.
\*\*WESTINGHOUSE AIR BRAKE CO., INDUST.
PRODUCTS DIV.
Whittaker Controls, Div.-Telecomputing Corp.

#### Plug

Plug

Aero Supply Mfg. Co., Inc.
Allen Aircraft Products Inc.
Anderson, Greenwood & Co.
Arkwin Industries, Inc.
Auto-Valve Inc.
Carleton Aviation Co., Inc.
Electric Steel Foundry Co.
General Controls Co.
General Auclear Corp.
B. H. Hadley, Inc.
Hainer Valves, Inc.
Hammel-Dahl, Div.-General Controls
Walter J. Hyatt Co., The
Hydra-Power Corp.
Hydromatics, Inc.
Imperial Brass Mfg. Co., The
James, Pond & Clark, Inc.
Kemp Aero Products, Div.-Kemp Inc.
Koehler Aircraft Products Co., Inc.
Kohler Co.
Ladish Co.

Marotta Valve Corp.
A. Y. McDonald Mfg. Co.
Mercury Rad Corp.
National Airoil Burner Co.
Ozone Metal Products Corp.
Parker - Aircraft Co.
Pneu-Hydro Valve Corp.
\*\*REPUBLIC MFG. CO.
Thompson Products, Inc.
Vacuum Research Co.
\*VICKERS INC. MARINE & ORDNANCE DEPT.,
MACHINERY HYDRAULICS DIV.
Vinson Mfg. Co. Inc.
Waldoff Instrument Co., Div.-F. C. Huyck & Sons
Whittaker Controls, Div.-Telecomputing Corp.

#### Pneumatic

Pneumatic

Accessory Controls & Equipment Corp.
Aero Supply Mfg. Co., Inc.
Aeronautical & Instrument Div., Robertshaw-Fulton Controls Co.
Airborne Research & Development Corp.
Aico Valve Co.
A. K. Allen Co.
Alfair Inc.
Anderson, Greenwood & Co.
Annin Corp., The
Arkwin Industries, Inc.
Aro Equipment Corp.
Barber-Colman Co.
Barksdale Valves
Cadillac Gage Co.
Cardox Corp.
A. W. Cash Co.
Chandler-Evans, Div.-Pratt & Whitney Co., Inc.
Clary Dynamics
Consolidated Controls Corp.
\*\*CORNELIUS CO., THE
Dynamic Controls Corp.
Electronics Dept., Hamilton Standard Div.,
United Aircraft Corp.
Engelberg Huller Co., Inc.
Fischer & Porter Co.
Futurecraft Corp.
Galland-Henning Nopak Div.
\*\*GARREIT CORP. THE, AIRESEARCH MFG. DIVS.
General Controls Co.
General Nuclear Corp.
Guided Missile Div.-De Havilland Aircraft of
Canada, Ltd.
B. H. Hadley, Inc.
Hainer Valves, Inc.
Hammel-Dahl, Div.-General Controls
Hoefner Corp.
Walter J. Hyatt Co., The
Hydra-Power Corp.
Martis Engraf Co.
Mar Vista Engra. Co.
Marman Div., Aeroquip Corp.
Marott Valve Corp.
Mercury Rad Corp.
Mercury Rad Corp.
Minneapolis-Honeywell Regulator Co., Industrial
Div.
Ozone Metal Products Corp.
Pacific Div.-Bendix Aviation Corp.
Parker Aircraft Corp.
Parker Aircraft Corp.

Mercury Rad Corp.
Minneapolis-Honeywell Regulator Co., Industrial
Div.
Ozone Metal Products Corp.
Pacific Div.-Bendix Aviation Corp.
Parker Aircraft Co.
Pneu-Hydro Valve Corp.
Powers Regulator Co., The
Progressive Research & Development Co., Inc.
\*\*REPUBLIC MFG. CO.
Research Controls
Rivett Lathe & Grinder Inc.
Robbins Aviation, Inc.
Ryan Aeronautical Co.
A. U. Stone & Co., Inc.
Tactair Valve Div.-Aircraft Products Co.
Talley Corp., The
Thompson Products, Inc.
Unitido Valve Corp.
\*\*UNITED AIRCRAFT PRODUCTS, INC.
United Control Corp.
\*\*VALCOR ENGRG. CORP.
Vap-Air Div., Vapor Heating Corp.
Vickery Co., The
Vinson Mfg. Co., Inc.
Waldorf Instrument Co., Div.-F. C. Huyck &
Sons
\*\*WESTINGHOUSE AIR BRAKE CO., INDUST.
PRODUCTS DIV.
Weston Hydraulics, Ltd.
Whittaker Controls, Div.-Telecomputing Corp.

Power Control

Aero Supply Mfg. Co., Inc.
Annin Corp., The
Arkwin Industries, Inc.
Bendix Products Div., Bendix Aviation Corp.
CDC Control Services, Inc.
Carleton Aviation Co., Inc.
Clary Dynamics
Consolidated Controls Corp.
\*\*GARETT CORP., THE, AIRESEARCH MFG. DIVS.
General Nuclear Corp.

B. H. Hadley, Inc.
Hammel-Dahl, Div.-General Controls
Hammelt Electric Co.
Hoefiner Corp.
Hydra-Power Corp.
Kemp Vero Products, Div.-Kemp Inc.
Koehler Aircraft Products Co. Inc.
\*KOONTX-KICRAFT Products Co., THE
\*WALLACE O. LEONARD, INC.
Marquardt Aircraft Co.
Mercury Rad Corp.
Ozone Metal Products Corp.
Parker Aircraft Co.
Pneu-Hydro Valve Corp.
Parker Aircraft Co.
Thompson Products, Inc.
\*VALCOR ENGRG. CORP.
Vap-Air Div., Vapor Heating Corp.
Vickers Inc., Div.-Sperry Rand
\*VICKERS INC., MARINE & ORDNANCE DEPT.,
MACHINERY HYDRAULICS DIV.
Vickery Co., The
Vinson Mfg. Co. Inc.
Waldori Instrument Co., Div.-F. C. Huyck &
Sons
Weston Hydraulics, Lfd.

Waldorr Instructions
Sons
Weston Hydraulics, Ltd.
Whittaker Controls, Div.-Telecomputing Corp.

Pressure Regulating

Pressure Regulating

Aero Supply Mfg. Co., Inc.
Aeronautical & Instrument Div., RobertshawFulton Controls Co.
Aerotec Corp., The
Airborne Research & Development Corp.
Alco Valve Co.
Altair Inc.
American Power Jet Co.
Annin Corp., The
Arkwin Industries, Inc.
ARO Equipment Corp., The
Associated Valve Co.
Barksdale Valves
CDC Control Services, Inc.
A. W. Cash Co.
Clary Dynamics
Consolidated Controls Corp.
\*CORNELIUS CO., The
Devilbiss Co., The
Devilbiss Co., The Devilbiss Co., The \*EASTERN INDUSTRIES, INC. Futurecraft Corp. \*GARRETT CORP., THE, AIRESEARCH MFG. DIVS.
\*GREER HYDRAULICS, INC.
B. H. Hadley, Inc.
Hammel-Dahl, Div.-General Controls

Hoke Inc.,
Hydra-Power Corp.
\*JANITROL AIRCRAFT DIV.-SURFACE COMBUSTION CORP.
\*KAHN & CO., INC.
Kemp Aero Products, Div.-Kemp Inc.
Walter Kidde & Co., Inc., Aviation Div.
Koehler Aircraft Products Co., Inc.
Kohler Co.

Walter Kidde & Co., Inc., Aviation Div. Koehler Aircraft Products Co., Inc. Kohler Co.

\*WALLACE O. LEONARD, INC.
Loewy-Hydropress, Div.—Baldwin-Lima-Hamilton M. C. Mfg. Co.
Marman Div., Aeroquip Corp.
Marotta Valve Corp.
A. Y. McDonald Mfg. Co.
Mercury Rad Corp.
Orone Metal Products Corp.
Pacific Div.-Bendix Aviation Corp.
Parker Aircraft Co.
Pioneer-Central Div., Bendix Aviation Corp.
Prew-Hydro Valve Corp.
Powers Regulator Co., The
Progressive Research & Development Co., Inc.
Puritan Compressed Gas Corp., Aviation Div.
Resction Motors, Inc.
\*\*REPUBLIC MFG. CO.
Sun Electric Corp.
Thompson Products, Inc.
Unitidov Valve Corp.
\*\*UNITED AIRCRAFT PRODUCTS, INC.
\*\*Vickers Inc., Div.-Sperry Rand
\*\*VicKERS INC., MARINE & ORDNANCE DEPT.,
MACHINERY HydraULICS DIV.
Visson Mfg. Co. Inc.
Waldorf Instrument Co., Div.-F. C. Huyck &
\*\*Sons\*\*
\*\*WESTINGHOUSE AIR BRAKE CO., INDUST.

Sons
\*WESTINGHOUSE AIR BRAKE CO., INDUST.
PRODUCTS DIV.
Weston Hydraulics, Ltd.
Whitlaker Controls, Div.-Telecomputing Corp.

Relief and By-Pass

Reliet and By-Pass

Aero Supply Mfg. Co., Inc.
Aeronautical & Instrument Div., RobertshawFulton Controls Co.
Airborne Research & Development Corp.
Allen Aircraft Products, Inc.
American Power Jet Co.
Anderson, Greenwood & Co.
Artwin Industries, Inc.
ARO Equipment Corp., The
Associated Valve Co.
Auto-Valve Inc.
CDC Control Services, Inc.
A. W. Cash Co.
Clary Dynamics

\*CORNELIUS CO., THE
Dumont Aircraft Fitting Co.
\*\*EASTERN INDUSTRIES, INC.
\*\*ELECTROL INC,
Engleberg Huller Co., Inc.
Engineered Products Co., The
Ex-Cell-O Corp.
Futurecraft Corp.
\*\*GARRETT CORP., THE, AIRESEARCH MFG.
DIVS. \*\*GARRETT CORP., THE, AIRESEARCH MFG.
DIVS.

\*\*GREER HYDRAULICS, INC.
B. H. Hadley, Inc.
Hammel-Dahl, Div.-General Controls
Walter J. Hyatt Co., The
Hydra-Power Corp.
Hydraulic Press Mig. Co., The, Div.-Koehring Co.
James, Pond & Clark, Inc.
JANITROL AIRCRAFT DIV.-SURFACE COMBUSTION CORP.
Kemp Aero Products, Div.-Kemp Inc.
Walter Kidde & Co., Inc., Aviation Div.
Koehler Aircraft Products Co., Inc.,
Kohler Co.
Lear, Inc.

Kohler Co.
Lear, Inc.
Wallace O. Leonard, Inc.
M. C. Mfg. Co.
M. C. Mfg. Cor.
A. Y. McDonald Mfg. Co.
Mercury Rad Corp.
J. J. Monaghan Co., Inc.
Oli-Dyne, Inc.
Ozone Metal Products Corp.
Pacific Div. Bendix Aviation Corp.
Parker Aircraft Co.
Pioneer-Central Div., Bendix Aviation Corp.
Progressive Research & Development Co., Inc.
Reaction Motors, Inc.
\*\*RFUBIL MFG. CO.
Milton Roy Co.
A. U. Stone & Co., Inc.
Sun Electric Corp.
Sundstrand Turbo Div., Sundstrand Machine Tool

Co.
Thompson Products, Inc.
\*UNITED AIRCRAFT PRODUCTS, INC.
\*VALCOR ENGRG, CORP.
Vickers Inc., Div.>Sperry Rand
\*VICKERS INC., MARINE & ORDNANCE DEPT.,
MACHINERY HYDRAULICS DIV.
Vinson Mfg, Co. Inc.
Waldorf Instrument Co., Div.-F. C, Huyck & Whittaker Controls Div.-Telecomputing Corp.

#### Restrictor

Arkwin Industries, Inc.
Aro Equipment Corp., The
Associated Valve Co.
Auto-Valve Inc.
CDC Control Services, Inc.
Clary Dynamics
\*CORNELIUS CO., THE
Cuno Engrg. Corp., The
Dumont Aircraft Fitting Co.
\*GREER YDRAULEOS, INC.
Hammel-Dahl, Div.-General Controls
Walter J. Hyatt Co., The
Hydra-Power Corp.
\*JANITROL AIRCRAFT DIV.-SURFACE Hammel-Dahl, Div.-General Controls
Walter J. Hyatt Co., The
Hydra-Power Corp.
JANITROL AIRCRAFT DIV.-SURFACE COMBUSTION CORP.
Kemp Aero Products, Div.-Kemp Inc.
Kohler Co.
Marotta Valve Corp.
Mercury Rad Corp.
Pacific Div.-Bendix Aviation Corp.
Parker Aircraft Co.
Parker Aircraft Co.
Progressive Research & Development Co., Inc.
\*\*REFUBLIC MFG. CO.
A. U. Stone & Co., Inc.
Sun Electric Corp.
Tactair Valve Div.-Aircraft Products Co.
Thompson Products, Inc.
\*\*UNITED AIRCRAFT PRODUCTS, INC.
\*\*UNITED AIRCRAFT PRODUCTS, INC.
\*\*VALCOR ENGRG. CORP.
\*\*VICKERS INC., MARINE & ORDNANCE DEPT.,
MACHINERY HYDRAULICS DIV.
Vinson Mfg. Co. Inc.
Waldorf Instrument Co., Div.-F. C. Huyck &
Sons
\*\*WESTINGHOUSE AIR BRAKE CO., INDUST.

Sons
\*WESTINGHOUSE AIR BRAKE CO., INDUST.
PRODUCTS DIV.
Whittaker Controls, Div.-Telecomputing Corp.

#### Rocket Fuel

Aero Supply Mfg. Co., Inc.
Airborne Research & Development Corp.
Annin Corp., The
Artwin Industries, Inc.
Associated Valve Co., Inc.
Automatic Switch Co., Inc.
Automatic Switch Co.,
CDC Control Services, Inc.
A. W. Cash Co.,
Clary Dynamics
Conax Corp.
Dumont Aircraft Fitting Co.
Dean & Benson Research Inc.

Fischer & Porter Co.
Futurecraft Corp.
General Controls Co.
B. H. Hadley, Inc.
Hainer Valves, Inc.
Hoefner Corp.
Walter J. Hyatt Co., The
Hydromatics, Inc.
Herrick L. Johnston, Inc.
Kemp Aero Products, Div.-Kemp Inc.
Koehler Aircraft Products Co., Inc.
Kohler Co.
Lear, Inc. Konter Co. Lear, Inc. Marotta Valve Corp. Minneapolis-Honeywell Regulator Co., Industrial Maintal Andrewell Regulator Co., Industrial Div.
Parker Aircraft Co.
Pierce Governor Co., Inc., The
Pioneer-Central Div., Bendix Aviation Corp.
Pneu-Hydro Valve Corp.
Progressive Research & Development Co., Inc.
Reaction Motors, Inc.
\*\*REPUBLIC MFG. CO.
Research Controls
A. U. Stone & Co., Inc.
Thompson Products, Inc.
\*\*VALCOR ENGRG. CORP.
Vickery Co., The
Vinson Mfg. Co. Inc.
Waldorf Instrument Co., Div. F. C. Huyck &
Sons Sons Weston Hydraulics, Ltd. Whittaker Controls, Div.-Telecomputing Corp. Wright Aeronautical Div., Curtiss-Wright Corp.

#### Rotary

Aero Supply Mfg. Co., Inc.
Aeronautical & Instrument Div., Robertshaw-Fulton Controls Co.
Arkwin Industries, Inc.
Associated Valve Co.
Bendix Products Div., Bendix Aviation Corp.
Class Dynamics Clary Dynamics

\*GAREIT CORP. THE, AIRESEARCH MFG. DIVS.

General Controls Co.

General Nuclear Corp.

Guided, Missile Div. De Havilland Aircraft of General Nuclear Copy.

Guided Missile Div.-De Havilland Aircraft of Canada, Ltd.
Hammel-Dahl, Div.-General Controls
Walter J. Hyatt Co., The
Hydra-Power Corp.
Hydromatics, Inc.
Kemp Aero Products, Div.-Kemp Inc.
Mercury Rad Corp.
Parker Aircraft Co.
Pierce Governor Co., Inc., The
Pneu-Hydro Valve Corp.
Progressive Research & Development Co., Inc.
Thompson Products, Inc.
Vickers Inc., Div.-Sperry Rand
\*VICKERS INC., MARINE & ORDNANCE DEPT.,
MACHINERY HYDRAULICS DIV.
Vickery Co., The
Vinson Mfg. Co. Inc.
Waldorf Instrument Co., Div.-F. C. Huyck &
Sons Sons
\*WESTINGHOUSE AIR BRAKE CO., INDUST.
PRODUCTS DIV.
Weston Hydraulics, Ltd.
WhitHaker Controls, Div.-Telecomputing Corp.

#### Sequence

Aero Supply Mfg. Co., Inc. Arkwin Industries, Inc. Bendix Products Div., Bendix Aviation Corp.

Bendix Products Div., Bendix Aviation Corp.
Clary Dynamics
Futurecraft Corp.
\*GAREET CORP. THE AIRESEARCH MFG. DIVS.
\*GREER HYDRAULICS, INC.
Hammel-Dahl, Div., General Controls
Walter J. Hyeth Co., The
Hydra-Power Corp.
\*JANITROL AIRCRAFT DIV.-SURFACE COMBUSTION CORP.
Kemp Aero Products, Div.-Kemp Inc.
Mar Vista Engra, Co.,
Mar Vista Engra, Co.,
Marcha Valve Corp.
Mechanical Air Controls, Inc.
Mechanical Air Controls, Inc.
Mechanical Air Controls, Power Corp.
Pacific Div.-Bendix Aviation Corp.
Pacific Div.-Bendix Aviation Corp.
Per Aircraft Co.
Per Aircraft Co.
Per Aircraft Co.
Per Corp.
\*\*KEPUBLIC MFG. CO.
\*\*UNITED AIRCRAFT ROULCTS, INC.
\*\*VICKERS INC., MARINE & ORDNANCE DEPT.,
MACHINERY HYDRAULICS DIV.
Vinson Mfg. Co. Inc.
Waldorf Instrument Co., Div.-F. C. Huyck &
\*\*WESIONEDUSE AIR BRAKE CO., INDUST.

\*WESTINGHOUSE AIR BRAKE CO., INDUST. PRODUCTS DIV.
Whittaker Controls, Div.-Telecomputing Corp.

#### Servo

Aero Supply Mfg. Co., Inc. Airborne Research & Development Corp.

Alco Valve Co.
Arkwin Industries, Inc.
Bendix Products Div., Bendix Aviation Corp.
CDC Control Services, Inc.
Cadillac Gage Co.
Clary Dynamics
Consolidated Controls Corp.
\*\*PALMO VICTOR CO., DIV.-TEXTRON INC.
\*\*EASTERN INDUSTRIES, INC.
\*\*ELECTROL INC.
\*\*FULTECT CORP.
\*\*GARRETT CORP.
\*\*GARRETT CORP.
\*\*GARRETT CORP.
\*\*GARRETT CORP.
\*\*Hagan Chemicals & Controls, Inc.
Hagan Chemicals & Controls, Inc.
Haydna-Power Corp.
Ideal-Aerosmith, Inc.
\*\*JANIROL AIRCRAFT DIV.-SURFACE COMBUSTION CORP.
Kearfort Co., Inc., Cavation Div.
\*\*KOONTZ-WAGNER ELECTRIC CO., THE
La Pointe Industries Inc.
Mar Vista Engrg. Co.
Mercury Rad Corp.
Oil-Dyne, Inc.
Ozone Metal Products Corp.
Pacific Div.-Bendix Aviation Corp.
Parker Aircraft Co.
Pesco Products Div.—Borg-Warner Corp.
Reaction Motors, Inc.
\*\*\*REPUBLIC MFG. CO.
Royal Industries, Inc.
Tatair Valve Div.-Aircraft Products Co.
Thompson Products, Inc.
\*\*\*\*WICKERS INC. MARINE & ORDNANCE DEPT.,
MACHINERY HYDRAULICS DIV.
\*\*\*VISKERS INC. MARINE & ORDNANCE DEPT.,
MACHINERY HYDRAULICS DIV.
Vinson Mig. Co. Inc.
Waldorf Instrument Co., Div.-F. C. Huyck &
Sons
Weighing & Control Components, Inc.
\*\*WESTINGHOUSE AIR BRAKE CO. INDUST. Weighing & Control Components, Inc.

\*WESTINGHOUSE AIR BRAKE CO., INDUST.

PRODUCTS DIV.

Weston Hydraulics, Ltd.

Whittaker Controls, Div.-Telecomputing Corp.

#### Shuttle

Aero Supply Mfg. Co., Inc.
Arkwin Industries, Inc.
Arkwin Industries, Inc.
Associated Valve Co.
Barksdale Valves
Bendix Products Div., Bendix Aviation Corp.
Clary Dynamics
\*CONNELIUS CO., THE
\*ELECTROL INC.
Engelberg Huller Co., Inc.
Futurecraft Corp.
\*GREER HYDRAULICS, INC.
Hammel-Dahl, Div.-General
Walter J. Hyatt Co., The
Hydra-Power Corp.
James, Pond & Clark, Inc.
Kemp Aero Products, Div.-Kemp Inc.
\*KOONTZ-WAGNER ELECTRIC CO., THE
M. C. Mfg. Co. Kemp Aero Products, Div.-Remp Inc.

KEOONTZ-WAGNER ELECTRIC CO., THE
M. C. Mig. Co.
Marotta Valve Corp.
Mercury Rad Corp.
Ozone Metal Products Corp.
Pacific Div.-Benoix Aviation Corp.
Parker Aircraft Co.
Pneu-Hydro Valve Corp.

\*\*REPUBLIC MFG. CO.
Tactair Valve Div.-Aircraft Products Co.
Thompson Products, Inc.
TACTAIN AIRCRAFT PRODUCTS, INC.

\*VALCOR ENGRG. CORP.

\*VICKERS INC., MARINE & ORDNANCE DEPT.,
MACHINERY HYDRAULICS DIV.
Vinson Mig. Co. Inc.
Waldorf Instrument Co., Div.-F. C. Huyck & Sons
\*WESTINGHOUSE AIR BRAKE CO., INDUST.
PRODUCTS DIV.
Whittaker Controls, Div.-Telecomputing Corp.

#### Solenoid

Solenoid

Aero Supply Mfg, Co., Inc.
Aeronautical & Instrument Div., RobertshawFulton Controls Co.
A. Co. Valve Co.
A. K. Allen Co.
Altair Inc.
Arkwin Industries, Inc.
Arkwin Industries, Inc.
Automatic Valve Co., Inc.
Auto-Control Labs., Inc.
Automatic Switch Co.
Bendix Products Div., Bendix Aviation Corp.
Clary Dynamics
Conax Corp.
Coppus Engrg, Corp.
Dynamic Controls Corp.
ELECTROL INC.
\*ELECTROL INC.
Electronics Dept., Hamilton Standard Div.,
United Aircraft Corp.
Electro-Iech Equipment Co.
Engelberg Huller Co., Inc.
Futurecraft Corp.
Galland-Henning Nopak Div.
General Controls Co.



# REPUBLIC VALVES



#### FREE-FLOW CHECK VALVES

No leakage. 3000 psi. Very low pressure drop. Can be furnished to open at ½ to 35 psi. Brass, stainless steel, or aluminum alloy. ½" to 2" pipe or tube.
Temp. range -65° to 200°F.

#### DUAL HAND PUMP

Consists of 2 pumps, 2 relief valves, and 2 needle shut-off valves, compactly manifolded for elevating mechanisms, hydraulic applications on ground support equipment, etc. Aluminum alloy body, stainless steel trim. -65° to 160°F.

MINIATURE CHECK AND RELIEF VALVES
Ask for Bulletin 158

General Nuclear Corp.
Gray & Huleguard, Inc.
Hammel-Dahl, Div.-General Controls
Walter J. Hyart Corp.
Hydra-Power Corp.
Hydraulic Press Mfg. Co., The, Div.-Koehring

\*JANITROL AIRCRAFT DIV.-SURFACE COM-BUSTION CORP. Johnson Electronics Inc. Kemp Aero Products, Div.-Kemp Inc. Koehler Aircraft Products Co., Inc.

\*KOONTZ-WAGNER ELECTRIC CO., THE

\*KOONTZ-WAGNER ELECTRIC CO., THE Gerard G. Leeds Co., Inc.

\*WALLACE O. LEONARD, INC.
Loewy-Hydropress, Div.—Baldwin-Lima-Hamilton
Lyndon Aircraft, Inc.
M. C. Mig. Co.
Mar Vista Engrg. Co.
Marotta Valve Corp.
Mechanical Air Controls, Inc.
Mercury Rad Corp.
Minneapolis-Honeywel Regulator Co., Industrial
Div.

Mencary No.

Minneapolis-Honeywel Regulator Co., Industrial Div.

Oil-Dyne, Inc.
Ozone Metal Products Corp.
Pacific Div-Bendix Aviation Corp.
Parker Aircraft Co.
Pierce Governor Co., Inc., The
Pioneer-Central Div., Bendix Aviation Corp.
Pneu-Hydro Valve Corp.
Progressive Research & Development Co., Inc.

\*\*REPUBLIC MFG. CO.
Rivett Lathe, & Grinder Inc.
Rotex Punch Co., Inc.
Skinner Electric Valve Div., The Skinner Chuck.
Co.

Co.
Tactair Valve Div.-Aircraft Products Co.
Tactair Valve Div.-Aircraft Products Co.
Talley Corp., The
Telectro Industries Corp.
Thompson Products, Inc.
\*VINITED AIRCRAFT PRODUCTS, INC.
\*VALCOR ENGRG. CORP.
Veeco Vacuum Corp.
Victers Inc., Div.-Sperry Rand
\*VICKERS Inc., MARINE & ORDNANCE DEPT.,
MACHINERY HYDRAULICS DIV.
Vickery Co., The
Vinson Mig. Co. Inc.
Waldorf Instrument Co., Div.-F. C. Huyck &
Sons

Sons
\*WESTINGHOUSE AIR BRAKE CO., INDUST.
PRODUCTS DIV.
Weston Hydraulics, Ltd.
Whitaker Controls Div.-Telecomputing Corp.

#### Strainer

Strainer

Aero Supply Mig. Co., Inc.
Arkwin Industries, Inc.
Arkwin Industries, Inc.
Associated Valve Co.
Auto-Valve Inc.
Clary Dynamics
Cooper Alloy Corp.
Guno Engrg. Corp., The
Dumont Aircraft Fitting Co.
Electric Steel Foundry Co.
General Controls Co.
Hammel-Dahl, Div. General Controls
Koehler Aircraft Products Co. Inc.
Ladish Co.
Newark Wire Cloth Co.
Pneu-Hydro Valve Corp.
\*\*REPUBLIC MFG. CO.
A. U. Stone & Co., Inc.
Thompson Products, Inc.
\*\*UNITED AIRCRAFT PRODUCTS, INC.
\*\*UNITED AIRCRAFT PRODUCTS, INC.
\*\*UNITED AIRCRAFT PRODUCTS, INC.
\*\*VALCOR ENGRG. CORP.
\*\*VICKERS INC. MARINE & ORDNANCE DEPT.,
MACHINERY HYDRAULICS DIV.
Vinson Mig. Co. Inc.
\*\*WESTINGHOUISE AIR. BRAKE CO. INDIEST.

Vinson Mfg. Co. Inc.
\*WESTINGHOUSE AIR BRAKE CO., INDUST.
PRODUCTS DIV.
Whittaker Controls, Div.-Telecomputing Corp.

#### Suction Regulating

Suction Regulating

Arkwin Industries, Inc.
Aro Equipment Corp., The
Associated Valve Co.
Clary Dynamics
Consolidated Controls Corp.
B. H. Hadley, Inc.
Hammel-Dahl, Div.-General Controls
Kemp Aero Products, Div.-Kemp Inc.
Parker Aircraft Co.
Progressive Research & Development Co., Inc.
\*\*REPUBLIC MFG. CO.
Thompson Products, Inc.
\*\*VICKERS INC. MARINE & ORDNANCE DEPT.,
MACHINERY HYDRAULICS DIV.
Vinson Mfg. Co. Inc.
Whittaker Controls, Div.-Telecomputing Corp.

Aero Supply Mfg. Co., Inc. Allen Aircraft Products, Inc. Arkwin Industries, Inc. Associated Valve Co.

Clary Dynamics
Consolidated Controls Corp.

\*GARRETT CORP., THE, AIRESEARCH MFG, DIVS.

\*Hammel-Dahl, Div., General Controls

Harman Equipment Co.

Walter J. Hyatt Corp.

Kemp Aero Products, Div., Kemp Inc.

Marotta Valve Corp.

\*REPUBLIC MFG. CO.

Thompson Products, Inc.

\*UNITED AIRCRAFT PRODUCTS, INC.

\*VALCOR ENGRG. CORP.

Vickers Inc., Div., Sperry Rand

\*VICKERS INC., MARINE & ORDNANCE DEPT.,

MACHINERY HYDRAULICS DIV.

Vinson Mfg. Co. Inc.

Waldorf Instrument Co., Div., F. C., Huyck & Sons

Whitaker Controls, Div., Telecomputing Corp.

#### Thermostatic

Thermostatic

Alco Valve Co.
Arkwin Industries, Inc.
Barber-Colman Co.
Bar-Ray Products, Inc.
Consolidated Controls Corp.
Dynamic Controls Corp.
WGARRETT CORP., THE, AIRESEARCH MFG. DIVS.
Hammel-Dahl, Div.-General Controls
JANITROL AIRCRAFT DIV.-SURFACE COMBUSTION CORP.
Pneu-Hydro Valve Corp.
Powers Regulator Co., The
Valp-Air Div., Vapor Heating Corp.
Vap-Air Div., Vapor Heating Corp.
MACHINERY HYDRAULICS DIV.
Vinson Mfg. Co. Inc.

#### Throttling

Fhrottling

Annin Corp., The
Arkwin Industries, Inc.
Associated Valve Co.
Bendix Products Div., Bendix Aviation Corp.
CDC Control Services, Inc.
A. W. Cash Co.
Engelberg Huller Co. Inc.
Fairbanks Co., The
Guided Missile Div.-De Havilland Aircraft of
Canada, Ltd.
B. H. Hadley, Inc.
Hammel-Dahl, Div.-General Controls
Hydromatics, Inc.
Kemp Aero Products, Div.-Kemp Inc.
Koehler Aircraft Products Co., Inc.
Ladish Co.
A. Y. McDonald Mig. Co.
Mercury Rad Corp.
Minneapolis-Honeywell Regulator Co., Industrial DIV. Parker Aircraft Co. Pneu-Hydro Valve Corp. Progressive Research & Development Co., Inc. Pneu-Hydro Valve Corp.
Progressive Research & Development Co., Inc.
\*REPUBLIC MFG CO.
Research Controls
Robbins Aviation, Inc.
Thompson Products, Inc.
\*VALCOR ENGRG. CORP.
Vap-Air Div., Vapor Heating Corp.
Vecco Vacuum Corp.
\*VICKERS INC., MARINE & ORDNANCE DEPT.,
MACHINERY HYDRAULICS DIV.
Vinson Mfg. Co. Inc.
Waldorf Instrument Co., Div.-F. C. Huyck &
Sofis

#### Transfer

Aero Supply Mfg. Co., Inc. Arkwin Industries, Inc. Associated Valve Co. Futurecraft Corp. Associated Valve Co.
Futurecraft Corp.
8. H. Hadley, Inc.
Hainer Valves, Inc.
Hainer Valves, Inc.
Hammel-Dahl, Div.-General Controls
Walter J. Hyatt Co., The
Hydra-Power Corp.
\*\*JANITROL AIRCRAFT DIV.-SURFACE COMBUSTION CORP.
Herrick L. Johnston, Inc.
Kemp Aero Products, Div.-Kemp Inc.
Koehler Aircraft Products Co., Inc.
M. C. Mig. Co.
Mercury Rad Corp.
Ozone Metal Products Corp.
Pacific Div.-Bendix Aviation Corp.
Parker Aircraft Co.
Pneu-Hydro Valve Corp.
Reaction Motors, Inc.
\*\*REPUBLIC MFG. CO.
Thompson Products, Inc.
\*\*UNITED AIRCRAFT PRODUCTS, INC.
\*\*VALCOR ENGRG. CORP.
Vinson Mig. Co. Inc.
Waldorf Instrument Co., Div.-F. C. Huyck &
Sons
Weston Hydraulius Ltd.

Son's Whittaker Controls, Div.-Telecomputing Corp.

Weston Hydraulics, Ltd. Whittaker Controls, Div.-Telecomputing Corp.

#### Vacuum Selector and Check

Vacuum Selector and Check
Arkwin Industries, Inc.
ARO Equipment Corp., The
Barksdale Valves
Consolidated Electrodynamics Corp.
Dumont Aircraft Fitting Co.
Green Rectifier Co.
Hammel-Dahl, Div.-General Controls
Walter J. Hyatt Co. The
\*\*JANITROL AIRCRAFT DIV.-SURFACE COMBUSTION CORP.
Kemp Aero Products, Div.-Kemp Inc.
Kohler Co.
Parker Aircraft Co.
Pneu-Hydro Valve Corp.
\*\*REPUBLIC MFG. CO.
Thompson Products, Inc.
Vacuum Research Co.
Vecco Vacuum Corp.
Vinson Mfg. Co. Inc.
Whittaker Controls, Div.-Telecomputing Corp.

#### Vapor Tight

Aero Supply Mfg. Co., Inc.
Arkwin Industries, Inc.
Associated Valve Co.
Dynamic Controls Corp.
Hainer Valves, Inc.
Hammel-Dahl, Div.-General Controls
Hills-McCanna Co. Kemp Aero Products, Div.-Kemp Inc.
A. Y. McDonald Mfg. Co.
Pneu-Hydro Valve Corp.

\*REPUBLIC MFG. CO.

REPUBLIC MFG.
Research Controls
Robbins Aviation, Inc.
Thompson Products, In \*VALCOR ENGRG. CORP. Vickery Co., The Vinson Mfg. Co. Inc. Whittaker Controls, Div.-Telecomputing Corp.

#### Venturi Opening

Arkwin Industries, Inc. Associated Value Co. Associated value Co.
Clary Dynamics
Hainer Valves, Inc.
Hammel-Dahl, Div.-General Controls
Kemp Aero Products, Div.-Kemp Inc.
Pneu-Hydro Valve Corp.
\*\*REPUBLIC MFG. CO.
Thompson Products, Inc.
\*\*TREPUBLIC MFG. CO. Thompson Products, Inc. \*UNITED AIRCRAFT PRODUCTS, INC. \*VALCOR ENGRG. CORP.

#### VAPORIZERS, LIQUID OXYGEN

Air Products, Inc.
Griscom-Russell Co., The
Herrick L. Johnston, Inc.
Pioneer-Central Div., Bendix Aviation Corp. Pioneer-Central Dir \*RYAN INDUSTRIES Stearns-Roger Mfg. Co. Superior Air Products Co.

#### **VESSELS**

ACF Industries, Inc., Advanced Products Div. Cardox Corp. Champion Co., The

\*COOPER DEVELOPMENT CORP.
J. P. DeVine Mfg. Co.
Food Machinery & Chemical Corp., Ordnance

J. P. Bernie ...

Food Machinery & Chemical Corp.,

Div.

G. W. Galloway Co.
Hoke Inc.
Herrick L. Johnston, Inc.

\*\*KAHN & CO., INC.
Kaiser Aircraft & Electronics Div.-Kaiser Industries Corp.
Loew-Hydropress, Div.—Baldwin-Lima-Hamilton
R. C. Mahon Co., The
Pacific Coast Engrag. Co.
Parish Pressed Steel, Div.-Dana Corp.
Patterson Foundry & Machine Co., The
Philips & Davies Inc.
Portland Copper & Tank Works Inc.

\*\*\*RYAN INDUSTRIES\*\*
Steams-Roger Mtg. Co.

\*\*\*RAILMOBILE INC.
Warren Mfg. Div., Warren Brothers Roads Co.
Wells Industries Corp.
Wright Aeronautical Div., Curtiss-Wright Corp.

#### **VICES**

Freeman Co., The

#### VISCOMETERS

Ferranti Electric Inc. Fischer & Porter Co.
General Electric Co., Apparatus Sales Div.
Hallikainen Instruments Hickok Electrical Instrument Co., The George L. Nankervis Co. Process & Instruments Science House, Inc. Scientific Instrument Co. Waveforms, Inc.

#### VOLTAGE SUPPLIES, DECADE

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John Fluke Mfg. Co., Inc.
General Electric Co., Apparatus Sales Div.
\*INTERELECTRONICS CORP.
Gerard G. Leeds Co., Inc.
Peschel Electronics, Inc.
Southwestern Industrial Electronics Co.
Telectro Industries Corp. Ultradyne, Inc. Varo Mfg. Co

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Alto Scientific Co., Inc.
Assembly Products, Inc.
Ballantine Labs., Inc.
Consolidated Electrodynamics Corp.
Cubic Corp.
Davenport Mfg. Co.
Electric Auto-Life Co., The
Electro-Tech Equipment Co. Electro-Tach Equipment Co.
Electro-Tach Equipment Co.
John Fluke Mfg. Co., Inc.
General Electric Co., Apparatus Sales Div.
Hammert Electric Co.
North Atlantic Industries, Inc.
Kay Electric Co.
Gerard G. Leeds Co., Inc.
Marion Electrical Instrument Co.
National Coil Co.
Non-Linear Systems Inc.
Precision Apparatus Co., Inc.
Simpson Electric Co.
Southwestern Industrial Electronics Co.
Telectro Industrial Corp.
Transvision, Inc.
Wacline, Inc. Wacline, Inc. \*WESTINGHOUSE ELECTRIC CORP.

#### WAVEGUIDES, FLEXIBLE

Airtron Inc.
Bendix Aviation Corp., York Div.
Continental Diamond Fibre Corp., Sub.—The
Budd Co.
Defiance Engrg. & Microwave Corp.
Electro Impulse Lab., Inc.
Englehard Industries Inc., D. E. Makepeace Div.
J.-V.-M Microwave Co.
La Pointe Industries Inc.
Revere Copper & Brass Inc.
Sohl Co., The
Telectro Industries Corp.
Westbury Electronics Inc.

#### WAVEGUIDES, RIGID

Airtron, Inc.
Allied Research & Engrg., Div.-Allied Record
Mfg. Co.
Bart Mfg. Corp.,
Morris Bean & Co.
Bendix Aviation Corp., York Div.
Canoga Corp. of California
Cohan Epner Co., Inc.,
Continental Diamond Fibre Corp., Sub.—The
Budd Co.
\*COOPER DEVELOPMENT CORP.
\*DALMO VICTOR CO., DIV.-TEXTRON INC.
Joe Davidson & Associates
Defiance Engrg. & Microwave Corp.
Demornay-Bonardi
Dittmore-Freimuth Corp.

E Makepeace Div. Demornay-Bonardi
Dittmore-Freimuth Corp.
Engelhard Industries Inc., D. E. Makepeace Div.
Goodyear Aircraft Corp.
J-V-M Microwave Co.
La Pointe Industries Inc.,
Magnetic Shield Div.-Perfection Mica Co.
Metals & Controls Corp.
Nuclear Products-Erco, Div.-ACF Industries, Inc.
Prodelin Inc. Nuclear Products-Erco, Div.-ACF Industries, Inc.
Prodelin Inc.
Radar Design Corp.
Ryan Aeronautical Co.
Sohl Co., The
Standard Metals Corp.
Technical Oil Tool Corp.
Twix Mfg. Co., Inc.
Uniwave, Inc.
Wacline, Inc.
Warcline, Inc.
Warren Brothers Roads Co.
\*WASHINGTON ALUMINUM CO., INC.
Waveguide, Inc.
Westbury Electronics Inc.
Western International Co.

#### WELDERS, SPOT

Eisler Engrg. Co., Inc.
Hammett Electric Co.
Radar Design Corp.
Sheffield Corp., The, Sub.—Bendix Aviation Corp.
Taylor-Winfield Corp., The
Telectro Industries Corp.
Uniwave, Inc.
Vacuum Tube Products Co. Inc.

#### WINDOWS, WAVEGUIDE

Airtron, Inc.
Defiance Engrg. & Microwave Corp.
Demornay-Bonardi
Geisler Labs.
Goodyear Aircraft Corp.
J-V-M Microwave Co.
Sage Laboratories, Inc.
Techniques, Inc.
Wave Particle Corp.
Westbury Electronics Inc. Westbury Electronics Inc.

#### WIRE

Allied Plastics Supply Corp.
American Super-Temperature Wires, Inc.
Belden Mfg. Co.
Belden Mfg. Co.
Consolidated Wire & Associated Companies
Crucible Steel Co. of America
Wilbur B. Driver Co.
Electric Auto-Lite Co., The
Electric Auto-Lite Co., The, Wire & Cable Div.
General Cable Corp.
Hallett Mfg. Co.
Jefferson Products Corp.

Nose and aft sections, Phoenix fabricated

Gas Turbine Parts Stainless Steel and Aluminum Lewis Engrg. Co., The
Plastoid Corp.
John A. Roebling Sons Corp.
Home Cable Corp.
Sequoia Wire Co.
Surprenant Mfg. Co.
Thermax Wire Corp.
Topper Mfg. Co., Inc.
Warren Wire Co.
Western International Co.,
Winder Aircraft Corp. of Fla.

#### Annunciator

Annunciator

American Electric Cable Co.
American Insulated Wire Corp.
Belden Mfg. Co.
Birnbach Radio Co., Inc.
Chester Cable Corp.
Consolidated Wire & Associated Companies
General Cable Corp.
\*HUDSON WIRE CO.
New England Electrical Works, Inc.
\*NORMANDY ELECTRIC WIRE CORP.
John A. Roebling Sons Corp.
Royal Electric Corp.
Sequoia Wire Co.
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Antenna

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Alpha Wire Corp.

Alpha Wire Corp.

Berkaline Electric Cable Co.

American Insulated Wire Corp.

Berkaline Electric Cable Co.

Berkaline Electric Cable Co.

Berkaline Electric Cable Co.

William Band & Co., Inc.

William Band & Co., Inc.

Coppeweld Steel Corp.

Consolidated Wire & Associated Companies

Coppeweld Steel Corp.

Coppeweld Steel Corp.

International Electric Industries, Inc.

National Standard Co.

New District Corp.

John A. Roeblings Sons Corp.

John A. Roeblings Sons Corp.

Jequio'a Wire Co.

Jerminal Radio Corp.

Wire & Cable Co., Inc.

Victor Electric Wire & Cable Corp.

Warren Wire Co.

Western International Co.

Winder Aircraft Corp. of Fla.

#### Asbestos Insulated

Asbestos Insulated
American Insulated Wire Corp.
Belden Mfg. Co.
Consolidated Wire & Associated Companies
Wilbur B. Driver Co.
General Cable Corp.
Lewis Engrg. Co. The
\*NORMANDY ELECTRIC WIRE CORP.
Okonite Co., The
Plastoid Corp.
John A. Roebing Sons Corp.
Rome Cable Corp.
Royal Electric Corp.
Sequoia Wire Co.
Warren Wire Co.

#### Ceramic Insulated

Aero Research Instrument Co. Inc.
Chester Cable Corp.
Consolidated Wire & Associated Companies
General Cable Corp.
Isolantite Mfg. Corp.
Secon Metals Corp.
Topper Mfg. Co., Inc.
Warren Wire Co.

#### Filament

Consolidated Wire & Associated Companies Delta Chemical Works, Inc. Secon Metals Corp.

#### Gold Plated

Gold Plated

Belden Mfg. Co.
Bram Metallurgical & Chemical Co.
Consolidated Wire & Associated Companies
Delta Chemical Works, Inc.
Eastern Smelting & Refining Corp.
Elmet Div. North American Philips Co., Inc.
Engelhard Industries Inc., D. E. Makepeace Div.
Goldsmith Brothers Smelting & Refining Co.
Leach & Garner Co., Industrial Div.
Lewis Engrg. Co., The
Metals & Controls Corp.
J. M. Ney Co., The
Secon Metals Corp.
Standard Metals Corp.

#### Harnesses

Aerolite Electronics Corp.
Aeronautical & Instrument Div., Robertshaw-Fulton Controls Co.
Allied Plastics Supply Corp.
Alpha Wire Corp.
American Electric Cable Co.
American Super-Temperature Wires, Inc.
Belden Mfg. Co.
Berkshire Electric Cable Co.
Brimbach Radio Co., Inc.
Bilss Electric Cable Co.
Inc.
Consolidated Wire & Associated Companies
Electric Auto-Lite Co., The
Electric Auto-Lite Co., The
Electric Parts Corp.
First Electronics Corp., The
Halleth Mfg. Co.
International Electric Industries, Inc.
Manger Electric Co.
Modelectric Products
Corp.
Rowe Industries Inc.
Servicair Co.
Schaffer Air Industries, Inc.
Servicair Co.
Servicair Corp.
Skytronics

Surprenant Mfg. Co.
Tri-Dex Co.
Tri-Dex Co.
Tucson Instrument Corp.
Warren Wire Co.
Westbury Electronics Inc.
Western International Co.
Winder Aircraft Corp. of Fla.
Zippertubing Co., The

#### High Voltage

High Voltage

Accurate Insulated Wire Corp.
Alpha Wire Corp.
Consolidated Wire Corp.
American Electric Cable Co.
American Insulated Wire Corp.
Belden Mfg. Co.
Berkshire Electric Cable Co.
Birnbach Radio Co., Inc.
William Brand & Co., Inc.
Chester Cable Corp.
Consolidated Wire & Associated Companies
General Cable Corp.
Hallett Mfg. Co.
Jefferson Products Corp.
Mohawk Wire & Cable Corp.
MohawADY ELECTRIC WIRE CORP.
Okonite Co., The
Packard Electric Div.-General Motors Corp.
John A. Roebling Sons Corp.
Sequoia Wire Co.
Surprenant Mfg. Co.
Times Wire & Cable Co., Inc.
Topper Mfg. Co., Inc.
Varren Wire Co.
Western International Co.

#### Hook-Up

Hook-Up

Accurate Insulated Wire Corp.
Allied Plastics Supply Corp.
Alpha Wire Corp.
Alpha Wire Corp.
Alpha Wire Corp.
American Electric Cable Co.
American Insulated Wire Corp.
\*\*MERICAN STEEL & WIRE DIV.-UNITED STATES STEEL CORP.
American Super Temperature Wires Inc.
Belden Mig. Co.
Berkshire Electric Cable Co.,
Birnbach Radio Co., Inc.
Chester Cable Corp.
Consolidated Wire & Associated Companies Copperweld Steel Co., Wire & Cable Div.
Electric Auto-Lite Co., The, Wire & Cable Div.
Electric Parts Corp.
Essex Wire Corp.
General Cable Corp.

Jefferson Products Corp.
Jefferson Products Corp.
Nohawk Wire & Cable Corp.
New England Electrical Works, Inc.
\*\*NORMANNY ELECTRIC WIRE CORP.
Okonite Co., The NORMANDY ELECTRIC WIRE CORP.
Okonite Co., The
Packard Electric Div.-General Motors Corp.
Plastoid Corp.
Rex Corp., The
Rome Cable Corp.
Sequoia Wire Co.
Surprenant Mfg. Co.
Jhermax Wire Corp.
Times Wire Corp.
Times Wire & Cable Co., Inc.
Topper Mfg. Co., Inc.
Topper Mfg. Co., Inc.
Victor Electric Wire & Cable Corp.
Western International Co.

American Super Temperature Wires Inc.
Beledn Mfg. Co., Inc.
Consolidated Wire & Associated Companies
General Cable Corp.
\*\*HUDSON WIRE CO.
New England Electrical Works, Inc.
Topper Mfg. Co., Inc.
Western International Co.

#### Magnet

Magnet

Alpha Wire Corp.
American Super Temperature Wires Inc.
Belden Mfg. Co.
Birnbach Radio Co., Inc.
Consolidated Wire & Associated Companies
Crucible Steel Co. of America
Electric Auto-Lite Co., The, Wire & Cable Div.
Elmet Div.-North American Philips Co., Inc.
Essex Wire Corp.
General Cable Corp.
Hitmp Wires Inc.
\*\*HUDSON WIRE CO
New England Electrical Works, Inc.
John A. Roeblings Sons Corp.
Rome Cable Corp.
Topper Mfg. Co., Inc.
Warren Wire Co.

#### Resistance and Filament

American Electric Cable Co. Belden Mfg. Co.

Consolidated Wire & Associated Companies Wilbur B. Driver Co. Electric Parls Corp. Magnetic Shield Div.-Perfection Mica Co. Micro-Wire Tungsten & Molybdenum Products J. M. Ney Co., The Secon Metals Corp.

#### Shielded

Shielded

Accurate Insulated Wire Corp.
Alpha Wire Corp.
Alpha Wire Corp.
American Electric Cable Co.
American Insulated Wire Corp.
American Super Temperature Wires Inc.
Ansonia Wire & Cable Co., The
Belden Mig. Co.
Berkshire Electric Cable Co.
Birnbach Radio Co., Inc.
William Brand & Co., Inc.
Chester Cable Corp.
Consolidated Wire & Associated Companies
Co-Operative Industries, Inc.
Electric Auto-Life Co., The
Essex Wire Corp.
General Cable Corp.
Hallett Mig. Co.
HITEMP Wires, Inc.
\*HUDSON WIRE CO.
Jefferson Products Corp.
Mohawk Wire & Cable Corp.
Okonite Co., The
\*NORMANDY ELECTRIC WIRE CORP.
Plastoid Corp.
Precision Tube Co., Inc.
Rex Corp., The
John A. Roeblings Sons Corp.
Royal Electric Corp.
Sequula Wire Co.
Thermax Wire Corp.
Times Wire & Cable Corp.
Oper Mig. Co., Inc.
Victor Electric Wire & Cable Corp.
Warren Wire Co.
Western International Co.

Tetlon Insulated

#### Teflon Insulated

Teflon Insulated

Allied Plastics Supply Corp.
Alpha Wire Corp.
American Electric Cable Co.
American Super Temperature Wires Inc.
Belden Mig. Co.
Berkshire Electric Cable Co.
Birnback Radio Co., Inc.
Chester Cable Corp.
Consolidated Wire & Associated Companies
Delta Chemical Works, Inc.
Electric Auto-Lite Co., The, Wire & Cable Div.
General Cable Corp.
HIUDSON WIRE CO.
Lewis Engrg. Co., The
Okonite Co., The
\*\*NORMANDY ELECTRIC WIRE CORP.
Packard Electric Div.-General Motors Corp.
Plastoid Corp.
\*\*HAROLD H. POWELL CO.
Rex Corp., The
Royal Electric Corp.
Sequoia Wire Co.
Surprenant Mig. Co.
Surprenant Mig. Co.
Topper Mig. Co., Inc.
Warren Wire Co.
Western International Co.

#### **WRENCHES**

Aircraft Mechanics, Inc. Aircraft Mechanics, co., Calcor Corp., Aircraft Div. \*BILLINGS & SPENCER CO., THE Black & Decker Mg. Co., The Gardner-Denver Co. Kelsey-Hayes Co. Owafonna Tool Co. Kelsey-nayes Co. Owatonna Tool Co. Richmont, Inc. Stevens Walden Inc. Utica Drop Forge & Tool Div.-Kelsey Hayes Co. J. H. Williams Co.

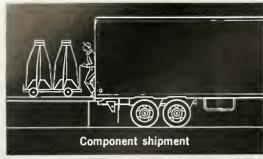
#### X-RAY EQUIPMENT, INDUSTRIAL

Bar-Ray Products, Inc.
Eastman Kodak Co.
Geisler Labs.
Hammert Electric Co.
D. W. Onan & Sons Inc.
Wave Particle Corp.
\*WESTINGHOUSE ELECTRIC CORP.

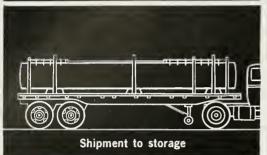
#### YOKES, DEFLECTION

Amatom Electronic Hardware Co. Inc.
American Car & Foundry Div., ACF Industries,
Inc.
American Research & Mfg. Corp.
Celco-Constantine Engrg. Laboratories Co.
Corbin Products Div.
Dynametrics Corp.

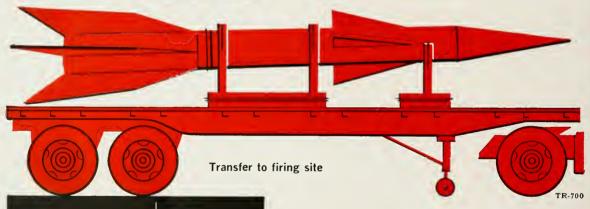




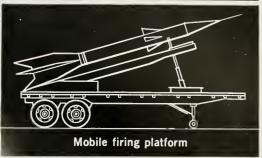
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Skiatron Electronics & Television Corp.
Star Engraving Co., Ltd.
\*WESTINEHOUSE ELECTRIC CORP.
Winder Aircraft Corp. of Fla.

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\*AMERICAN MACHINE & FOUNDRY CO.

\*AMERICAN MACHINE & FOUNDRY CO.
Applied Dynamics Corp.
Arbyin Industries, Inc.
Artwin Industries, Inc.
Cleveland Pneumatic Industries, Inc.
\*COPER DEVELOPMENT CORP.
\*COPER TOTAL COPER TOTAL CORP.
\*COPER TOTAL COPER TOTAL C

Sons Washington Technological Associates Inc. Wells Industries Corp. Wickfield, Inc.

#### ADAPTERS, BATTERY

\*AMERICAN MACHINE & FOUNDRY CO. Winder Aircraft Corp. of Fla.

#### ADAPTERS, LAMP SOCKET

American Brass Co., The Kulka Electric Corp. Frank W. Morse Co. Winder Aircraft Corp. of Fla.

#### ALUMINUM

ALUMINUM

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Aluminum Co. of America
American Brake Shoe Co.
Empire State Aluminum Corp.
Harvey Aluminum & Chemical Sales, Inc.
Lane Electronics Mfg. Corp.
Light, Metals, Inc.
Modglin Co. Inc.
Pioneer Aluminum Inc.
Revere Copper & Brass Inc.
Rodney Metals Inc.
Rodney Metals Inc.
Rodney Metals Inc.
Rodney Metals Inc.

#### AMPLIFIERS, INDUSTRIAL SOUND

American Electronics, Inc.
Brush Instruments, Div.-Clevite Corp.
Highland Engrg. Co.
INTERELECTRONICS CORP.
Lane Electronics Mfg. Corp.
La Pointe Industries Inc.
Gerard G. Leeds Co., Inc.
Magnasync Mfg. Co., Ltd.
Owen Labs., Inc.
Seeburg Corp., The
Southwestern Industrial Electronics Co.
Stromberg-Carlson, Electronics Div.
Telectro Industries Corp.
Terminal Radio Corp.,
Western Electro-Acoustic Lab.

#### AMPLIFIERS, MICROPHONE

Brush Instruments, Div.-Clevite Corp. General Instrument Corp., Defense Products Div. \*INTERELECTRONICS CORP. Lane Electronics Mfg. Corp. La Pointe Industries Inc.

Magnasync Mfg. Co., Ltd.
J. A. Maurer, Inc.
Seeburg Corp., The
Southwestern Industrial Electronics Co.
Telectro Industries Corp.
Terminal Radio Corp.
Western Electro-Acoustic Lab.

#### AMPLIFIERS, MIXING AUDIO

AMPLIFIERS, MIXING AUDIO

American Electronics, Inc.
Electromation Co.
Hallamore Electronics Co.\*
\*\*INTERLECTRONICS CORP.
Kinevox-Hallen
La Pointe Industries Inc.
Magnasync Mfg. Co., Ltd.
J. A. Maurer, Inc.
Seeburg Corp., The
Southwestern Industrial Electronics Co.
Telectro Industries Corp.
Terminal Radio Corp.
Westbury Electronics Inc.
Western Electro-Acoutic Lab.

#### ANALYZERS, CABLE

California Technical Industries, Div.-Textron Inc.
Dit-Mco, Inc., Electronics Div.
International Electric Industries, Inc.
Kay Electric Co.
Leeds & Northrup Co.
Simpson Electric Co.
Telectro Industries Corp.
Terminal Radio Corp.
Transvision, Inc.

#### ANTENNAS, MOBILE COMMUNICATION

\*American Brass Co., The

\*AMERICAN MACHINE & FOUNDRY CO.
American Printed Circuits Co., Inc.
Andrew Corp.
Communications Co.

American Printed Circuits Co., Inc.
Andrew Corp.
Communications Co.
\*\*COOPER DEVELOPMENT CORP.
Defiance Engrg. & Microwave Corp.
Electric Auto-Lite Co., The, Wire & Cable Div, Freeman Co. The
Gebriel Co., The Gabriel Electronics Div.
General Railway Signal Io.
Illumitronic Engrg. Co.
Kelsey-Hayes Co.
La Pointe Industries Inc.
Motorola Inc., Military Marketing Div.
Narda Microwave Corp., The
Permax Products Div., Chisholm-Ryder Co., Inc.
Prodelin Inc.
Reeves Instrument Corp.
Scala Radio Co.
Shaw Metal Products Corp.
Technical Appliance Corp.
Telectro Industries Corp.
Terminal Radio Corp.
Terminal Radio Corp.
Tielectro Industries Corp.
Terminal Radio Corp.
Tiesboth Aviation Co., Div.-Vitro Corp. of America.
Transco Products. Inc.

Thiedor Allowing Co., Inc.
\*WASHINGTON ALUMINUM CO., INC.
Winder Aircraft Corp. of Fla.

#### ASSEMBLIES, CABLE

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Walter K, Jaros, Aircrafters

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La Pointe Industries Inc.
Missile Engrg. Products, Inc.
J. J. Monaghan Co., Inc.
Resdel Engrg. Corp.
John A. Roeblings Sons Corp.
Rowe Industries
Schaffer Air Industries, Inc.
Shaw Metal Products Corp.
Shethered Workshop
Surprenant Mfg. Co.
Technical Appliance Corp.
Telectro Industries Corp.
Terminal Radio Corp.
Times Wire & Cable Co., Inc.
Transvision, Inc.
Tri-Dex Co.
Transco Products, Inc.
Tri-Dex Co.
Tucson Instrument Corp.
Twix Mfg. Co., Inc.
Victor Electric Wire & Cable Corp.
Wells Industries Corp.
Westbury Electronics Inc.
Western International Co.
Wickfeld, Inc.
Wickes Engrg. & Construction Co. Inc.
Wickes Engrg. & Construction Co. Inc.

#### ASSEMBLY EQUIPMENT, AUTOMATIC

Alden Systems Co.
\*AMERICAN MACHINE & FOUNDRY CO.
Barnes Development Co.
Champion Airquipment Inc.
Consolidated Avionits Corp.
Food Machinery & Chemical Corp., Ordnance Consolidated Avionics Corp.
Food Machinery & Chemical Corp., Ordnance Div.
Kaiser Aircraft & Electronics Div.-Kaiser Industries Corp.
Machine Engrg. Co. Inc.
Philico Corp., Government & Industrial Divs.
Sheffield Corp., The, Sub.—Bendix Aviation Corp.
Telectro Industries Corp.
Thompson Products, Inc.
Warren Mfg. Div., Warren Brothers Roads Co.
Washington Technological Associates Inc.
Winder Aircraft Corp. of Fla.

#### AUTOMATIC ASSEMBLY EQUIPMENT

\*AMERICAN MACHINE & FOUNDRY CO.
Barnes Development Co.
Consolidated Avionics Corp.
Eriez Mfg. Co.
Food Machinery & Chemical Corp., OrdnanceDiv.
G. W. Galloway Co.
Hallamore Electronics Co.
Kaiser Aircraft & Electronics Div.-Kaiser Industries Corp.
Mast Development Co., Inc.
\*PACKARD-BELL ELECTRONICS CORP.
Philco Corp., Government & Industrial Divs.
Sheffield Corp., The, Sub.—Bendix Aviation Corp.
Telectro Industries Corp.
Twix Mfg. Co., Inc.
Warren Mfg. Div., Warren Brothers Roads Co.
Washington Technological Associates Inc.
Winder Aircraft Corp. Of Fla.

#### AUXILIARY POWER SOURCES

Aircraft Equipment Div.-Consolidated Diesel/
Electric Corp.
\*\*AMERICAN MACHINE & FOUNDRY CO.
Bendix Aviation Corp., Red Bank Div.
Consolidated Avionics Corp.
Joe Davidson & Associates
'Eagle-Picher Co., The

\*\*GARRETT CORP., THE, AIRESEARCH MFG;
DIVS.

\*\*EARETT CORP., THE, AIRESEARCH MFG.
DIVS.
Gremco, Inc.,
Guided Missile Div.-De Havilland Aircraft of
Canada, Ltd.
Walter Kidde & Co., Inc., Aviation Div.
Leach Cornick. Selph Associates
MCOTMICK. Selph Associates
MCOTMICK. Selph Associates
MCOTMICK. Selph Associates
MCOTMICK. Selph Associates
Tool No. Onan & Sons Inc.
Propellex Chemical Corp.
Reaction Motors, Inc.
Solar Aircraft Co.
Sundstrand Aviation, Div.-Sundstrand Machine
Tool Co.

PHOTO ON GROUND HANDLING EQUIPMENT DIVIDER PAGE: After erecting missile to vertical position, the vehicle, built by R. G. Letourneau, Inc., eases missile onto launcher for firing.

#### . . . ground handling

Sundstrand Termo Div., Sundstrand Machine Tool Co.
Telectre Industries Corp.
Thompson Products, Inc.
Turbo Dynamics Corp.
Utradyne, Inc.
Varo Mfg. Co.
Vickers Inc. Div.Sperry Rand
\*WESTINGHOUSE ELECTRIC CORP. Wickfield, Inc Wickfeld, Inc Wickes Engrg. & Construction Co. Inc. Winder Aircraft Corp. of Fla.

#### BALL BEARINGS

Ahlberg Bearing Co.
Corning Glass Works
Hammett Electric Co.
Walter K. Jaros. Aircrafters
Kavdon Engrg. Corp., The
P'c Design Corp., Sub.—Benrus Watch Co., Inc.
Raway Bearing Co.
United Supply Co.

#### BALL JOINTS

Allegany instrument Co., Inc.
Arrowhead Products, Div.—Federal-Magul-Bower
Bearings, Inc.
Bridgwater Machine Co.
Century Fasteners Corp.
Corbin Products Div.
Walter K. Jaros, Aircrafters
Parker Aircraft Co.
Penn-Michigan Mfg. Corp.
Ryan Aeronautical Co.
Southwest Products Co.
Thompson Products, Inc.
United Supply Co.
Vickery Co., The

#### BASES

PASES

Bridgwater Machine Co.
Continental Diamond Fibre Corp., Sub.—The
Budd Co.
G. M. Dykes Iron Works, Inc.
G. W. Galloway Co.
Willard Storage Battery Div.

#### BATTERIES

\*AMERICAN MACHINE & FOUNDRY CO.
Bowers Battery & Spark Plug Co.
Burgess Battery Co.
Carbone Corp., The
Frank R. Cook Co.
G. M. Dykes Iron Works, Inc.
Eagle-Picher Co., The
Electric Auto-Lire Co., The
\*EXIDE INDUSTRIAL DIV.—THE ELECTRIC STORAGE BATTERY CO.
\*INTERELECTRONICS CORP.
P. R. Mallory & Co. Inc.
Olin Mathieson Chemical Corp., High Energy
Fuels Div.

Fuels Div.
Telectro Industries Corp.
Terminal Radio Corp.
Yardney Electric Corp.

#### BATTERY BOXES, CRADLES, ETC.

Aerolite Electronics Corp.
Associated Co., Inc.
\*FRUEHAUF TRAILER CO.
General Scientific Equipment Co
Ludwig Honold Mig. Co.
Muckle Mig. Co.
Resdel Corp.
Shaw Metal Products Corp.
Swedlow Plastics Co.
United Mig. Co., The
Warren Mig. Div., Warren Brothers Roads Co.
Wells Industries Corp.
Winder Aircraft Corp. of Fla.

#### BATTERY CHARGING AND SERVICING EQUIPMENT

SERVICING EQUIPMENT

Acrie Electric Corp.
Aircraft Equipment Div.-Consolidated Diesel
Electric Corp.
Amelco. Inc.
\*AMERICAN MACHINE & FOUNDRY CO.
American Television & Radio Co.
Automatic Switch Co.
Bogue Electric Mfg. Co.
Christie Electric Corp.
Joe Davidson & Associates
Dayton Mfg. Co., Inc.
Electronic Measurements Corp.
\*EXIDE INDUSTRIAL DIV.—THE ELECTRIC STORAGE BATTERY CO.
Cansteel Metallurgical Corp.
General Electric Co., Apparatus Sales Div.
General Nuclear Corp.
General Railway Signal Co.
Georator Corp.
Generao, Inc.

Hammett Electric Co.
Hertner Electric Co., The
Leach Corp.
Lee Electric & Mig. Co.
Lincoln Electric Co., The
P. R. Mallory & Co. Inc.
D. W. Onan & Sons Inc.
Opad Electric Corp.
Schauer Mig. Corp.
Sun Electric Corp.
Telectro Industries Corp.
United States Dynamics Corp.
Wickes Engrg. & Construction Co. Inc.
Willard Storage Battery Div.
Winder Aircraft Corp.
Yardney Electric Corp.

#### BEARINGS

Ampco Metal, Inc.
Cleveland Graphite Bronze Co., Div.—Clev'te
Corp.
Collins Engrg. Corp.
Dodge M'g. Corp.
Dumont Aircraft Fitting Co.
Industrial Tectonics, Inc.
Walter K. Jaros, Aircrafters
Joclin Mig. Co.
Kaydon Engrg. Corp., The
Mariin-Rockwell Corp.
Minialure Precision Bearings, Inc.
Monarch Aircraft Sales, Inc.
Nec Design Corp., Sub-Benrus Watch Co. Inc.
Raway Bearing Co.
Torrington Co., The
United Supply Co.

#### Ball

Dodge Mfg. Corp.
Dumont Aircraft Fitting Co.
Hammett Electric Co.
Hammett Tectonics, Inc.
Walter K. Jaros, Aircrafters
Kaydon Engrg. Corp., The
Marlin-Rockwell Corp.
Miniature Precision Bearings, Inc.
Monarch Aircraft Sales, Inc.
Pic Design Corp., Sub.—Benrus Watch Co. Inc.
Raway Bearing Co.
United Supply Co.

#### Needle

Collins Engrg. Corp.
Dumont Aircraft Fitting Co.
Industrial Tectonics. Inc.
Kaydon Engrg. Coro., The
Monarch Aircraft Sales, Inc.
Orange Roller Bearing Co., Inc
Raway Bearing Co.
Roller Bearing Co. The
United Supply Co.

#### Rod End

COA End
Chain Belt Co.
Cleveland Graphite Bronze Co. D'v.—C evite
Corp.
Collins Engrg. Corp.
Freeman Co., The
Industrial Tectonics, Inc.
Walter K. Jaros, Aircrafers
Marlin-Rockwell Corp.
Monarch Aircraft Sales, Inc
Raway Bearing Co.
Sou'hwest Products Co.
United Supply Co.

#### Roller

Collins Engrg. Corp.
Collins Engrg. Corp.
Dodge Mfg. Corp.
Industrial Tectonics, Inc.
Kaydon Engrg. Corp., The
Marlin-Rockwell Corp.
Monarch Aircraft Sales, Inc.
Crange Roller Bearing Co., Inc.
Raway Bearing Co., Roller Bearing Co. of America
Torrington Co., The
United Supply Co.

#### Roller Taper

Collins Engra. Corp.
Dodge Mfg. Corp.
Walter K. Jaros, Aircrafters
Kaydon Engra Corp., The
Monarch Aircraft Sales, Inc.
Timken Roller Bearing Co., The
United Supply Co.

#### Self Aligning

Amplex Div.—Chrysler Corp.
Bound Brook Oil-less Bearing Co.
Chain Bell Co.
Cleveland Graphite Bronze Co. D'v.—Clevite
Corp.
Dodge Mfg Corp.
\*GRAPHITE METALLIZING CORP.

Industrial Tectonics, Inc.
Walter K. Jaros, Aircrafters
Kaydon Engrg. Corp., The
Keystone Carbon Co.
Monarch Aircraft Sales, Inc.
Randall Graphite Bearings, Inc.
Raway Bearing Co.
Southwest Products Co.
Torrington Co., The

#### BOLTS, SPADE

Abbott Screw & Mfg. Co. Affiliated Screw Products Co. Allmetal Screw Products Co., Inc. Amatom Electonic Hardware Co., Inc. Amatom Electonic Hardware Briles Mfg. Century Fasteners Corp. Corbin Products Div. Dumont Aviation Associates Federal Screw Products Inc. Walter K. Jaros, Aircrafters

#### BOXES, STORAGE

American Car & Foundry Div., ACF Industries. Inc.
Applied Design Co.
Basic Tool Industries, Inc.
Bekins Industrial Packaging
Champion Airquipment Inc.
\*CRAIG SYSTEMS, INC.
\*ECKOL PACKAGING CO. \*ECKOL PACKAGING CO, Econoweld Corp.
\*FRUEHAUF TRAILER CO.
Muckle Mfg. Co.
National Metal Edge Box Co.
Seamless Products Co., Inc.
Shaw Metal Products Corp.
Skydyne Inc.
Stevens Walden Inc.
Swedlow Plastics Co.
TA. Mfg. Corp.
United Mfg. Corp.
United Mfg. Co., The
Warren Mfg. Div., Warren Brothers Roads Co.
\*WASHINGTON ALUMINUM CO., INC.

#### BRACKETS, HARDWARE

BRACKEIS, MARDYANE

Aerolite Electronics Corp.

American Brass Co., The

Basic Tool Industries, Inc.

Bridgwater Machine Co.

G. M Dykes Iron Works, Inc.

Keystone Electronics Corp.

La Pointe Industries Inc.

R. C. Mahon Co., The

\*RYAN INDUSTRIES

TA Mig. Corp.

Thompson Products, Inc.

\*WASHINGTON ALUMINUM CO., INC.

#### BRAKE CONTROL UNITS

Bridgwater Machine Co.
Cutler-Hammer Inc.
B. F. Goodrich Aviation Products
Green Rectifier Co.
Hydra-Power Corp.
Kemp Aero Products, Div.-Kemp Inc.
Minnesota Automotive, Inc.
Robot Appliances Inc.

#### BRAKE DRUMS

Bridgwater Machine Co. Clark Equipment Co. Cutler-Hammer Inc. B. F. Goodrich Aviation Products Kelsey-Hayes Co. La Pointe Industries Inc.

#### BRAKE LININGS

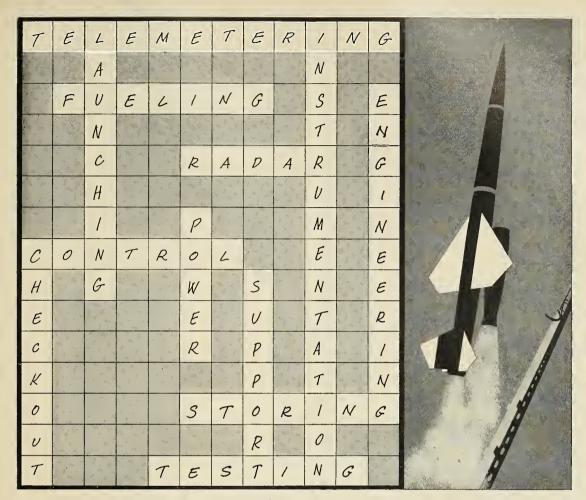
American Brake Shoe Co. Clark Equipment Co. B. F. Goodrich Aviation Products Raybestos-Manhattan, Inc. S. K. Wellman Co., The

#### BRAKES, ELECTRICAL

American Flexible Coupling Div., Zurn Industries, Inc.
Culler-Hammer Inc.
Exact Engrg. & Mfg. Inc.
General Electric Co., Apparatus Sales Div.
General Railway Signal Co.
Kelsey-Hayes Co.
Lyndon Aircraft, Inc.
Robot Appliances Inc.

#### BRAKES, MAGNETIC

American Flexible Coupling Div., Zurn Industries, Inc.
Culler-Hammer Inc.
Dial Products Co.
Eaton Mfg. Co.
Eaton Mfg. Co.
General Electric Co., Apparatus Sales Div.
General Railway Signal Co.
Kelsey-Hayes Co.
Lyndon Aircraft, Inc.
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#### . . . ground handling

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American Flexible Coupling Div., Zurn Industries, Inc. American Heixible Coupling Div., Zurn Industries, Inc.

\*CORNELIUS CO., THE
B. F. Goodrich Aviation Products
Hydra-Power Corp.
Minnesota Automotive, Inc.

\*WESTINGHOUSE AIR BRAKE CO., INDUST.
PRODUCTS DIV.

#### BRAKESHOES

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#### BUFFERS AND GRINDERS

Black & Decker Mfg. Co., The Schauer Mfg. Corp. Schlegel Mfg. Co.

#### BULBS, TEMPERATURE RESISTANT

Lewis Engrg. Co., The

#### CABINET COVERING

A&P Metal Products Mfg. Corp. A&P Metal Products Mig. Corp. Basic Tool Industries, Inc. Henry & Miller Industries, Inc. Muckle Mfg. Co. Star Engraving Co., Ltd. Stevens Walden Inc. Wells Industries Corp.

#### CABINETS, METAL

A&P Metal Products Mfg. Corp. Abalon Precision Mfg. Corp. Abalon Precision Mfg. Corp.
Aerodex, Inc.
Aluminum Co. of America
Anchor Specialty Mfg. Co. Inc.
Applied Design Co.
Basic Tool Industries, Inc.
Belden Mfg. Co.
Calcor Corp., Aircraft Div.
\*CRAIG SYSTEMS, INC.
Eatton Co. Calcor Corp., Aircraft Div.

\*CRAIG SYSTEMS, INC.
Falstrom Co.

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General Raiway Signal Co.
Gremco, Inc.
Hoffman Engrg. Corp.
Ludwig Honold Mfg. Co.

\*KAHN & CO., INC.
Kaiser Aircraft & Electronics Div.-Kaiser Industries Corp.
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Henry & Miller Industries, Inc.
Muckle Mfg. Co.
Mulfi-Amp Corp.
Paul & Beekman, Inc.
Philico Corp., Government & Industrial Divs.
Premier Metal Products Co.

\*RHEEM MFG. CO., AIRCRAFT DIV.
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Skydyne Inc.
Skydyne Inc.
Skydyne Inc.
Signift-Morris Corp.
Star Engraving Co., Ltd.
Sum Electric Corp.
Standard Pressed Steel Co.
TA. Mfg. Corp.
United Mfg. Co., The
Warren Mfg. Div., Warren Brothers Roads Co.

\*WASHINGTON ALUMINUM CO., INC.
Wells Industries Corp.
Wyco Metal Products
Zero Mfg. Co.

#### CABLE

Aeronautical & Instrument Div., Robertshaw-Fulton Controls Co.
Alpha Wire Corp.
Ansonia Wire & Cable Co., The
Belden Mig. Co., Inc.
Consolidated Wire & Associated Companies
Electric Auto-Lite Co., The
Elgin National Watch Co.
Hallett Mig. Co.
Organic Development Corp., Spectra-Strip Div.

Pacific Automation Products, Inc.
Plastoid Corp.
Rex Corp. The
John A. Roebling Sons Corp.
Rome Cable Corp.
Sequoia Wire Co.
Surprenant Mfg. Co.
Telectro Industries Corp.
Western International Co.
Westwood Cable Corp.
Zippertubing Co., The

#### Bonding

Aeronautical & Instrument Div., Robertshaw-Fulton Controls Co.
Alpha Wire Corp.
American Electric Cable Co.
Belden Mfg. Co.
Berkshire Electric Cable Co.
Birnbach Radio Co., Inc.
Chester Cable Corp.
Consolidated Wire & Associated Companies
General Asle Corp.
Hallett Mfg. Co.
New England Electrical Works, Inc.
Organic Development Corp., Spectra—Strip Div.
Packard Electric Div.—General Motors Corp.
Transco Products, Inc.
Westwood Cable Corp.

#### Coaxial

Aeronautical & Instrument Div., Robertshaw-Fulton Controls Co. American Electric Cable Co. American Super Temperature Wires Inc. American Electric Cable Co.
American Super Temperature Wires Inc.
Andrew Corp.
Barker Sales Co.
Belden Mig. Co.
Berkshire Electric Cable Co.
Birnbach Radio Co., Inc.
Boston Insulated Wire & Cable Co.
William Brand & Co., Inc.
Chester Cable Corp.
Consolidated Wire & Associated Companies
Copperweld Steel Co., Wire & Cable Div.
Electric Parts Corp.
General Cable Corp.
Hitemp Wires, Inc.
International Electric Industries, Inc.
Lewis Engrg. Co., The
Mohawk Wire & Cable Corp.
\*\*NORMANDY ELECTRIC WIRE CORP.
Clonite Co., The NORMANDY ELECTRIC WIRE CORP.
Ckonite Co., The
Organic Development Corp., Spectra-Strip Div.
Pracific Automation Products, Inc.
Phelps Dodge Copper Products Corp.
Plastoid Corp.
Precision Tube Co., Inc.
Prodelin Inc.
Rex Corp., The
Rockbestos Products Corp.
Royal Electric Corp.
Sequoia Wire Co.,
Surprenant Mfg, Co.
Times Wire & Cable Co., Inc. Sequoia Wire Co.
Surprenant Mfg. Co.
Times Wire & Cable Co., Inc.
Transco Products, Inc.
Victor Electric Wire & Cable Corp.
Warren Wire Co.
Westbury Electronics Inc.
Westbury Electronics Inc.
Westwo Cable Corp.
Zippertubing Co., The

#### Coaxial Flexible

Coaxial Flexible

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Barker Sales Co.
Belden Mig. Co.
Berkshire Electric Cable Co.
Birnbach Radio Co., Inc.
Boston Insulated Wire & Cable Co.
William Brand & Co., Inc.
Chester Cable Corp.
Consolidated Wire & Associated Companies
Copperweld Steel Co., Wire & Cable Div.
Electric Parts Corp.
General Cable Corp.
Hitemp Wires, Inc.
International Electric Industries, Inc.
Lewis Engra, Co., The
Mohawk Wire & Cable Corp.
Plotonic Co., The
Corp.
William Automation Products, Inc.
Phelps Dodge Copper Products Corp.
Plastoid Corp.
Prodelin Inc.
Rockbestos Products Corp.
Royal Electric Corp.
Sequoia Wire Co.
Surprenant Mig. Co.
Surprenant Mig. Co.
Surprenant Mig. Co.
Surprenant Mig. Co.
Times Wire & Cable Co., Inc.
Victor Electric Wire & Cable Corp.
Victor Electric Mire & Cable Corp.
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#### Coaxial Rigid

Coaxial Rigid

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Belden Mfg. Co.
Berkshire Electric Cable Co.
William Brand & Co., Inc.
Chester Cable Corp.
Consolidated Wire & Associated Companies
Copperweld Steel Co., Wire & Cable Div.
Hitemp Wires, Inc.
Lewis Engrg. Co., The
Plastoid Corp.
Precision Tube Co., Inc.
Prodelin Inc.
Radar Design Corp.
Royal Electric Corp.
Royal Electric Corp.
Sequola Wire Co.
Western International Co.
Western International Co.
Western International Co.

#### Control

Control

Aeronautical & Instrument Div., Robertshaw-Fulton Controls Co.
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Arens Controls, Inc.
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Belden Mrg. Co.
Birnbach Radio Co., Inc.
Boston Insulated Wire & Cable Co.
William Brand & Co., Inc.
Chester Cable Corp.
Consolidated Wire & Associated Companies
General Cable Corp.
International Electric Industries, Inc.
\*\*NORMANDY ELECTRIC WIRE CORP.
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Pacific Automation Products, Inc.
Plastoid Corp.
Rex Corp., The
Bockbestos Products Corp.
Royal Electric Corp.
Sequoia Wire Co.
Southwest Products Co.
Times Wire & Cable Co., Inc.
Western International Co.

#### Delay

Aeronautical & Instrument Div., Robertshaw-Fulton Controls Co. Belden Mfg. Co. Chester Cable Corp. Consolidated Wire & Associated Companies General Cable Corp. Royal Electric Corp. Sequoia Wire Co. Westwood Cable Corp.

#### Electric

Alpha Wire Corp.
Aluminum Co. of America
American Electric Cable Co.
\*AMERICAN STEEL & WIRE DIV.-UNITED STATES
STEEL CORP.
American Super Temperature Wires Inc.
Ansonia Wire & Cable Co., The
Barker Sales Co.
Belden Mfg. Co.
Berkshire Electric Cable Co. Berkshire Electric Cable Co. Birnbach Radio Co., Inc. Boston Insulated Wire & Cable Co. Boston Insulated Wire & Cable Co. William Brand & Co., Inc. Chester Cable Corp. Consolidated Wire & Associated Companies Copperweld Steel Co., Wire & Cable Div.

Aeronautical & Instrument Div., Robertshaw-Fulton Controls Co. Alpha Wire Corp.

Copperweld Steel Co., Wire & Cable Div. Electric Parts Corp.
General Cable Corp.
Hallett Mfg. Co.
Lewis Engrg. Co., The
Mohawk Wire & Cable Corp.
\*NORMANDY ELECTRIC WIRE CORP.
Organic Development Corp., Spectra-Strip Div.
Pacific Automation Products, Inc.
Packard Electric Div.-General Motors Corp.
Plastoid Corp. Plastoid Corp.
Rex Corp., The
Rockbestos Products Corp. John A. Roeblings Sons Corp. Rome Cable Corp. Royal Electric Corp. Sequoia Wire Co. Times Wire & Cable Co., Inc. Warren Wire Co. Western International Co.

Westwood Cable Corp. Wire Co. of America, Inc.

#### Flat Woven

Aeronautical & Instrument Div., Robertshaw-Fulton Controls Co.
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Berkshire Electric Cable Co.
Bortson Insulated Wire & Cable Co.
Consolidated Wire & Associated Companies
General Cable Corp.
Hitemp Wires, Inc.
New England Electrical Works, Inc.
Organic Development Corp., Spectra-Strip Div.
Pacific Automation Products, Inc.
Packard Electric Div.-General Motors Corp.
John A. Roeblings Sons Corp.
Westwood Cable Corp.

#### Mechanical

Arens Controls, Inc.
Belden Mfg. Co.
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Consolidated Wire & Associated Companies
Hackensack Cable Corp.
John A. Roeblings Sons Corp.
Southwest Products Co.
Westwood Cable Corp.

#### Microphone

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Berkshire Electric Cable Co., Berkshire Electric Cable Co., Inc.
William Brand & Co., Inc.
William Brand & Co., Inc.
William Brand & Co., Inc.
Chester Cable Corp.
Consolidated Wire & Associated Companies
Elgin National Watch Co.
General Cable Corp.
NoRMANDY ELECTRIC WIRE CORP.
Okonife Co., The
Plastoid Corp.
Rome Cable Corp.
Sequoia Wire Co.
Times Wire & Cable Corp.
Sequoia Wire Co.
Times Wire & Cable Corp.
Western International Co.
Westwood Cable Corp.

#### Shielded

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Alpha Wire Corp.
American Electric Cable Co.
American Electric Cable Co.
Berkshire Electric Cable Co.
Birnbach Radio Co., Inc.
Boston Insulated Wire & Cable Co.
William Brand & Co., Inc.
Chester Cable Corp.
Consolidated Wire & Associated Companies
Electric Auto-Life Co., The, Wire & Cable Div.
General Cable Corp.
Hallett Mfg. Co.
Hitemp Wires, Inc.
Mohawk Wire & Cable Corp.
\*NORMANDY ELECTRIC WIRE CORP.
Okonife Co., The
Organic Development Corp., Spectra-Strip Div.
Pacific Automation Products, Inc.
Packard Electric Div.-General Motors Corp.
Plastoid Corp.
Precision Tube Co., Inc.
Prodelin Inc.
Rex Corp., The
Rockbestos Products Corp.
John A. Roeblings Sons Corp.
Rome Cable Corp.
Royal Electric Corp.
Sequoia Wire Co.
Surprenant Mfg. Co.
Times Wire & Cable Co., Inc.
Victor Electric Wire & Cable Corp.
Warren Wire Co.
Warren Wire Co.
Western International Co.
Western Long Texture Texture Texture Texture
Wire Co., of America, Inc.
Zippertubing Co., The

#### Transmission Line

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Mohawk Wire & Cable Corp.
Phelps Dodge Copper Products Corp.
Plastoid Corp.
Precision Tube Co., Inc.
Rex Corp., The
Rockbestos Products Corp.
John A. Reeblings Sons Corp.
Rome Cable Corp.
Royal Electric Corp.
Sequoia Wire Co.
Technical Appliance Corp.
Times Wire Co.
Times Wire & Cable Co., Inc.
Victor Electric Wire & Cable Corp.
Warren Wire Co.
Western International Co.
Western International Co.

#### Wire

Aeronautical & Instrument Div., RobertshawFulton Controls Co.
Alpha Wire Corp.
Aluminum Co. of America
American Electric Cable Co.
\*AMERICAN STEEL & WIRE DIV. UNITED STATES
STEEL CORP.
American Super Iemperature Wires Inc.
Ansonia Wire & Cable Co., The
Automotive & Aircraft Div. American Chain &
Cable Co., Inc.
Belden Mfg. Co.
Bertshire Electric Cable Co.
Birmbach Radiel Wire & Cable Co.
Britisher Electric Cable Co.
Brond Bulsted Wire & Cable Co.
Wing Co. Inc.
Compered Steel Co., Inc.
Compered Steel Co., Vire & Cable Div.
Eensel Cable Corp.
Hactensack Cable Corp.
Hactensack Cable Corp.
Hactensack Cable Corp.
Hactensack Cable Corp.
Kilgen Aircraft Div. The Kilgen Organ Co.
Lewis Engra. Co., The
New Engran Co., The
New Engran Co., The
New Engran Co., The
New Engran Co.

\*NORMANDY ELECTRIC WIRE CORP.

NORMANDY ELECTRIC WIRE CORP.
Okonite Co., The
Pacific Automation Products, Inc.
Packard Electric Div.-General Motors Corp.
Plastoid Corp.
Plastoid Corp.
Rex Corp., The
John A. Roeblings Sons Corp.
Royal Electric Corp.
Sequoia Wire Co.
Surprenant Mfg. Co.
Surprenant Mfg. Co.
Victor Electric Wire & Cable Corp.
Warren Wire Co.
Westwood Cable Corp.
Western International Co.
Westwood Cable Corp.
Westwood Cable Corp.
Westwood Cable Corp.
Wire Co. of America, Inc.

#### CABLE ASSEMBLIES

Advanced Electronics, Advanced Electronics, Inc.
Aerolite Electronics Corp.
Aeronautical & Instrument Div., Robertshaw-Fulton Controls Co.
All American Aircraft Products, Inc.
Alpha Wire Corp. Amelco, Inc.
American Electric Cable Co.
American Super-Temperature Wires, Inc.
Arens Controls, Inc. Arens Controls, Inc.
Associated Co., Inc.
Bergen Wire Rope Co.
Berkshire Electric Cable Co.
Birnbach Radio Co., Inc.
Bliss Electronic Corp.
William Brand & Co., Inc.
California Technical Industries, Div.-Te.tron Inc. Coaxial Connector Co. Inc.
Consolidated Wire & Associated Companies

\*COOPER DEVELOPMENT CORP. Dale Products, Inc. Dittmore-Freimuth Corp. Dwyer Engrg. Co., Inc. Elco Corp. Elco Corp.
Electric Auto-Lite Co., The
Electric Auto-Lite Co., The, Wire & Cable Div.
Electric Parts Corp.
Electronic Assembly Co., Inc.
Electronics Depl., Hamilton Standard Div., United Aircraft Corp. Elgin Micronics, West Coast Div.-Elgin National Watch Co.

Empire Electronics Ct., Inc.
First Electronics Corp., The
Food Machinery & Chemical Corp., Ordnance
Div.
Greenleaf Mfg. Co., The, Div. Mandrel Industries Inc.
Hackensack Cable Corp.
Hallamore Electronics Co.
Hallett Mfg. Co.
Hammett Electric Co.
Harco Labs., Inc.
Histo Manufacturing Corp.

Hi-Lo Manufacturing Corp.
Hitemp Wires, Inc.
Hoover Electronics Co.
Industrial Wiring & Cable Co.
International Electric Industries, Inc.
\*KAHN & CO., INC.
Kaiser Aircraft & Electronics Div.-Kaiser Industries Corp.
L. Beiers Londuction Inc.

Kaiser Aircraft & Electronics Div.-Kaiser Industries Corp.
La Pointe Industries Inc.
Lewis Engra, Co., The
Lytle Engra, & Mfg. Co.
Machine Engra, Co. Inc.
J. J. Maurer, Inc.
J. J. Monaghan Co., Inc.
Mutron Corp.
\*NORMANDY ELECTRIC WIRE CORP.
Organic Development Corp., Spectra-Strip Div.
Packard Electric Div.-General Motors Corp.
Philco Corp., Government & Industrial Divs.
Precision Tube Co., Inc.
Resdel Engra, Corp.
Rex Corp., The
John A. Roeblings Sons Corp.
Rowe Industries
Royal Electric Corp.
Schaffer Air Industries, Inc.
Scinitilla Div., Bendix Aviation Corp.
Sealectric Switch & Relay Corp.
Sealectric Switch & Relay Corp.
Sequoia Wire Co.
Shellered Workshop
Sittler Corp.
Sonex. Inc. Sequoia Wire Co.
Shellered Workshop
Sittler Corp.
Sonex, Inc.
Southwest Products Co.
Superex Electronics Corp.
Surprenant Mfg. Co.
Lechnical Appliance Corp.
Telectro Industries Corp.
Telestronics Troducts, Inc.
Transvision, Inc.
Transvision, Inc.
Transvision, Inc.
Transvision, Inc.
Transvision
Tribex Corp.
Tribex Corp.
Trivix Mfg. Co.
Loc.
Victor Electric Wire & Cable Corp.
Wickfield, Inc.
Western International Co.
Western International Co.
Westwood Cable Corp.
Wickfield, Inc.
Wilmar Mfg. Co., Inc.
Winder Aircraft Corp. of Fla.
Wire Co. of America, Inc.
Zippertubing Co., The

#### CABLE SPLICERS

Amp Inc.
Burndy Corp., Omaton Div.
Consolidated Wire & Associated Companies
Ditmore-Freimuth Corp.
Electric Auto-Lite Co., The
Talco Engry Co., The

#### CANS, HERMETICALLY SEALED

American Brass Co., The
Applied Design Co.
Champion Co., The
Coaxial Connector Co. Inc.
\*FRUEHAUF TRAILER CO.
Great Eastern Metal Products Co.
Kelsey-Hayes Co.
\*RHEEM MFG. CO., AIRCRAFT DIV.
Seamless Products Co., Inc.
Southwestern Industrial Electronics Co.
Telectro Industries Corp.
Wells Industries Corp.

#### CARTRIDGES, STARTER

Atlantic Research Corp. Atlantic Research Corp.
Kelsey-Hayes Co.
McCormick Selph Associates
Olin Mathieson Chemical Corp., High Energy
Fuels Div.
Propellex Chemical Corp.
Talks Face Co. The Talco Engrg. Co., The Turbo Dynamics Corp. Winchester-West, Div. Olin Mathieson Chem.

#### CHEMICALS, TUBE

Delta Chemical Works, Inc. John B. Moore Corp.
Olin Mathieson Chemical Corp., High Energy
Fuels Div.

CHEMICALS, WIRE STRIPPER
Delta Chemical Works, Inc.
Dennis Chemical Co.
London Chemical Co., Inc.
John B. Moore Corp.
Wye Industries

#### CIRCUITS, PLUG-IN

Alden Products Co.

Alden Products Co.

Dunlap Electronics, Inc.

Dwyer Engrg, Co., Inc.

Dwyer Engrg, Co., Inc.

Electronics Corp.

Electronics Dept., Hamilton Standard Div., United

Aircraft Corp.

General Railway Signal Co.

International Electric Industries, Inc.

La Pointe Industries Inc.

Lytle Engra. & Mig. Co.

Methode Mig. Corp.

Republic Aviation Corp., Guided Missiles Div.

Southwestern Industrial Electronics Co.

Star Engraving Co., Etd.

Stromberg-Carison, Electronics Div.

Sylvania Electronic Systems, Div.-Sylvania Electric Products Inc.

Topper Mig. Co., Inc.

#### CLAMPS

Abalon Precision Mfg. Corp.
Abalon Precision Mfg. Corp.
Aeroquip Corp.
American Brass Co., The
Birnbach Radio Co., Inc.
Burndy Corp., Omaton Div.
Dumont Aircraft Fitting Co.
Holub Industries, Inc.
Walter J. Hyatt Co., The
Walter K. Jaros, Aircrafters
Joclin Mfg. Co.
Kickhaefer Mfg. Co.
Marco Industries Co.
Henry & Miller Industries, Inc.
Pic Design Corp., Sub-Benrus Watch Co., Inc.
Progressive Research & Development Co., Inc.
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TA Mfg. Corp.
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#### Conduit

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Dumont Aircreft Fitting Co.
Dumont Aviation Associates
Hallett Mfg. Co.
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Joclin Mfg. Co.
Kickhaefer Mfg. Co.
Rattan Mfg. Co., The
Skytronics
TA Mfg. Corp.
Tieffex, Inc.
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#### Ground

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D. S. D. Mfg. Co., The
Dumont Aircraft Fitting Co.
Electric Auto-Lite Co., The
Marco Industries Co.
Rattan Mfg. Co.,
Titeflex, Inc.
Winder Aircraft Corp., of Fla.

#### Harness

Harness

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Capewell Mfg. Co.
Dakota Engrg. Inc.
Dumont Aircraft Fitting Co.
Electric Auto-Lite Co., The
Hallett Mfg. Co.
Holub Industries, Inc.
Watter J. Hyatt Co., The
Illumitronic Engrg. Co.
International Electric Industries, Inc.
Watter K. Jaros, Aircrafters
Joclin Mfg. Co.
Kickhaefer Mfg. Co.
Frogressive Research & Development Co., Inc.
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TA Mfg. Corp.
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Burndy Corp., Omaton Div.
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Continental Diamond Fibre Corp., Sub.—The Continental Diamond Fibre Corp., \$ub.—TI Budd Co.
Holub Industries, Inc.
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Kickhaefer Mfg. Co.
Kulka Electric Corp.
Progressive Research & Development Co., Inc.
TA Mfg. Corp.
Wells Industries Corp.
Winder Aircraft Corp. of Fla.

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General Railway Signal Co.
London Chemical Co., Inc.
Merix Chemical Co.,
John B. Moore Corp.
Penetone Co., The
Superex Electronics Corp.
Turco Products, Inc.
Wye Industries

#### **CLIPS**

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American Brass Co., The
Atlas EE Corp.
Brimbach Radio Co., Inc.
Corbin Products Div.
Dakota Engrg., Inc.
Walter J. Hyatt Co., The
Walter J., Hyatt Co., Aircrafters
Keystone Electronics Corp.
Kickhaefer Mig. Co.
Kulka Electric Corp.
Progressive Research & Development Co., Inc.
TA Mig. Corp.

#### CLOTH, RUBBERIZED

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B. F. Goodrich Industrial Products Co.
Green, Tweed & Co.
Rubbercraft Corp. of California
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Advanced Electronics, Inc.
Associated American Winding Co., Inc.
Hammett Electric Co.
Micro-Wire Tungsten & Molybdenum Products
J. J. Monaghan Co., Inc.
Precision, Inc.
Precision, Inc.
Precision \*RYAN INDUSTRIES

Trane Co., The
Vulcan Electric Co., Div.-Consolidated Electric
Lamp Co. Inc.

#### COILS, SPEAKER

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#### COMPOUNDS, CLEANING

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#### COMPRESSOR ASSEMBLIES. MOBILE

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Air Logistics Corp.
Air Products, Inc.
Aircraft Equipment Div.-Consolidated Diesel Elec-Aircraft Equipment Div.-Consolidated Diesel Electric Corp.
American Brake Shoe Co.
Cardox Corp.
Champion Pneumatic Machinery Co.
\*\*CORNELIUS CO., THE
\*\*GARRETT CORP., THE, AIRESEARCH MFG. DIVS.
Gremco, Inc., Haskell Engrg. & Supply Co.
Joy Mfg. Co.
Walter Kidde & Co., Inc., Aviation Div.
Steams-Roger Mfg. Co.
Sun Electric Corp.
Trane Co., The
United Mfg. Co. Div., The W. L. Maxson Corp.
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Cardox Corp.
Champion Pneumatic Machinery Co.
\*CORNELIUS CO., THE
\*GARRETT CORP., THE AIRESEARCH MFG. DIVS.
Haskell Engrg. & Supply Co.
Joy Mfg. Co.
\*KAHN & CO., INC.
Walter Kidde & Co., Inc., Aviation Div.
Nash Engrg. Co., The
Pennsylvania Pump & Compressor Co.
Solar Aircraft Ca.
Stearns.Roger Mfg. Co.,
Thompson Products, Inc.
Wells Industries Corp.

Thompson Products, In Wells Industries Corp.

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Aircraft Equipment Div.-Consolidated Diesel
Electric Corp.
Bell & Gossett Co.
Cardox Corp.
Champion Pneumatic Machinery Co.
Continental Aviation & Engrg. Corp.
\*CORNELIUS CO. THE
Devilbis Co., The
Gardner-Denver Co.
\*GARREIT CORP. THE \*GARRETT CORP., THE, AIRESEARCH MFG. DIVS. Joy Mfg. Co. INC.

\*KAHN & CO. INC.

Walter Kidde & Co., Inc., Aviation Div.

Superior Pneumatic & Mfg., Inc.

Wells Industries Corp.

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#### CONES, SPEAKER

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#### CONNECTOR, OXYGEN **EQUIPMENT**

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Aro Equipment Corp., The
Dumont Aircraft Fitting Co.
Essex Mig. Co., Inc.
Herrick L., Johnston, Inc.
\*HOFMAN LABS., INC.
Progressive Research & Development Co., Inc.

#### CONNECTORS

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Acrolite Electronics Corp.,
Alden Products Co.,
American Brass Co., American Metal Hose Div.
\*ANTON ELECTRONIC LABS., INC.
Arkwin Industries, Inc.,
Automatic & Precision Mfg. Co.,
Burndy Corp., Omaton Div.
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Capewell Mfg. Co.
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Connector Corp. of America
Consolidated Electrodynamics Corp.
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Dumont Aircraft Fifting Co.
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Hallett Mfg. Co.
Hobson Brothers, Inc.
\*\*HOFMAN LABS., INC.
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Howard B Jones Div.-Cinch Mfg. Corp.
Kulka Electric Corp.
Litton Industries, Components Div.
Methode Mfg. Corp.
Frank W. Morse Co.
Rattan Mfg. Co., The
Richards Electrocraft, Inc.
Schrilla Div., Bendix Aviation Corp.
Star Engraving Co., Ltd.
Telectro Industries Corp.
Titeflex, Inc.
Ucinite Co., The, Div.—United-Carr Fastener
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U. S. Componet Inc.

Corp.
U. S. Componet Inc.
Western International Co.
Winchester Electronics, Inc.

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Barton Instrument Corp.
CDC Control Services, Inc.
\*EASTERN INDUSTRIES, INC.
\*EASTERN INDUSTRIES, INC.
\*A. W. HAYDON CO., THE
\*KAHN & CO., ING.
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Leach S. Northrup Co.
Minneapolis-Honeywell Regulator Co.-Davies
Laboratories Div.
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Vickers Inc., Div.-Sperry Rand
\*WESTINGHOUSE AIR BRAKE CO., INDUST.
PRODUCTS DIV.

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Patterson, Moos Div.-Universal Winding Co., Inc.
Thompson Products, Inc.

#### Fire

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Callery Chemical Co.
Patterson, Moos Div. Universal Winding Co., Inc.
Whittaker Controls, Div. Telecomputing Corp.

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Fluid Flow

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Aero Supply Mfg. Co., Inc.
Aero Supply Mfg. Co., Inc.
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Auburn Spark Plug Co., Inc.
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Pneu-Hydra Yalve Div.-Aircraft Products Co.
Thompson Products, Inc.
\*\*Inc. Inc. Div.-Sperry Rand
\*\*VICKERS INC., MARINE & ORDNANCE DEPT.,
MACHINERY HYDRAULICS DIV.

Waldorf Instrument Co., Div.-F. C. Huyck & Sons Waugh Engrg. Co. \*WESTINGHOUSE AIR BRAKE CO., INDUST. PRODUCTS DIV. Weston Hydraulics, Ltd. Whithaker Controls, Div.-Telecomputing Corp.

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George Ulanet Co.
Reid Metal Products, Inc.
Vickers Inc., Div.-Sperry Rand

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J. A. Maurer, Inc.
United Control Corp.

#### Motor & Generator Communications

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Telkor, Inc.
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Vibration Research Labs., Inc.
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Ac-Dc

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Leach Corp.
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Maico Electronics, Inc.
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\*MOTOR GENERATOR CORP.

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Telectro Industries Corp.
Varo Mfg. Co.

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Bendix Aviation Corp., Red Bank Disconsolidated Avianics Corp.

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Waugh Engrg. Co.

Frequency, Power Supplies

Aeronautical & Instrument Div., Robertshaw Fulton Controls Co.

Arnoux Corp.
Bendix Aviation Corp., Red Bank Div.
Bendix Aviation Corp., York Div.
Bogue Electric Mfg. Co.
Consolidated Avionics Corp.
Electronic Techniques, Inc.,
J. W. Fecker, Inc., Sub-American Optical Co.
General Electric Co., Apparatus Sales Div.
Georator Corp.
Hallamore Electronics Co.
\*INTERELECTRONICS CORP.
Leach Corp.
Leach Corp. INTERELECTIONICS CORP.
Leach Corp.
Motordyne, Inc.
Opad Electric Co.
Opad Electric Co.
Southwestern Industrial Electronics Co.
Telectro Industries Corp.
Tel-Instrument Electronics Corp.
Varo Mfg. Co.

#### Liquid Oxygen

Air Products, Inc.
Aro Equipment Corp., The
D K Mfg. Co.
Herrick L Johnston, Inc.
Kelsey-Hayes Co.
Pioneer-Central Div., Bendix Aviation Corp.
Stearns-Roger Mfg. Co.

#### COUPLINGS, FLEXIBLE

American Brass Co., American Metal Hose Div. Atlantic Instrument Corp., Sub. American Electronics, Inc.
Chain Belt Co.
Chiksan Co.
Chiksan Co.
Continental Diamond Fibre Corp., Sub.-The
Budd Co.
D K Mfg. Co.
Dial Products Co.
Dodge Mfg. Corp.
General Components, Inc.
Harman Equipment Co.
Hewilt-Robins, Inc.
\*\*HOFMAN LABS, INC.
E. F. Johnson Co.
Loveloy Flexible Coupling Co.
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Steinless Steel Products, Inc.
Stainless Steel Products, Inc.
Thompson Products, Inc.
Vibra Seal Corp.
E. B. Wiggins Oil Tool Co., Inc.

#### DEHYDRATOR PLUGS

Corbin Products Div. Corbin Products Div.
Driaire, Inc.
Walter K. Jaros, Aircrafters
Universal Dynamics Corp.
Wells Industries Corp.

#### DEHYDRATORS, AUTOMATIC

Accessory Controls & Equipment Corp.
Cardox Corp.
Driaire, Inc.
Dryomatic Corp.
\*EASTERN INDUSTRIES, INC.
\*KAHN & CO., INC.
Walter Kidde & Co., Inc., Aviation Div.
Murphy & Miller, Inc.
Olympic Plastics Co., Inc.
Robbins Aviation, Inc.
Milton Roy Co.
Siebring Mfg. Co.
United States Dynamics Corp.
Wells Industries Corp.

#### DEHYDRATORS, OXYGEN **EQUIPMENT**

Accessory Controls & Equipment Corp. Harrisburg Steel Co. \*KAHN & CO., INC. Robbins Aviation, Inc. Universal Dynamics Corp. Wells Industries Corp.

#### DIELECTRIC HEATING **EQUIPMENT**

Hammett Electric Co. Resdel Engrg. Corp.

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General Electric Co., Apparatus Sales Div. General Electric Co., Apparatus Sales Div.
Gremco, Inc.
Hammeth Electric Co.
Hoover Electric Co.
International Fermont Machinery Co., Inc.
Lee Electric & Mfg. Co.
Gerard G. Leeds Co., Inc.
Motoresearch Co.
Northwestern Electric Co.
D. W. Onan & Sons, Inc.
Ryan Aeronautical Co.
Sundstrand Aviation, Div.-Sundstrand Machine
Tool Co.
Taccompany Corp.
Westing Co.
\*\*WESTING-HOUSE ELECTRIC CORP.
Wickfield, Inc.

#### ENCLOSURES, DUST

Solar Aircraft Co. Warren Mfg. Div., Warren Brothers Roads Co.

Wickfield, Inc. Wickes Engrg. Construction Co., Inc.

#### **EXHAUST STACKS**

ACF Industries, Inc., Advanced Products Div. Aircraft Mechanics, Inc., \*AMERICAN TUBE BENDING CO., INC. Continental Diamond Fibre Corp., Sub. AMERICAN TUBE BENDING CO., INC.
Continental Diamond Fibre Corp., Sub.The Budd Co.
G. M. Dykes Iron Works, Inc.
International Aerocoustics Corp.
Kaiser Aircraft & Electronics Div.-Kaiser
Industries Corp.
R. C. Mahon Co., The
Penn-Michigan Mfg. Corp.
Portland Copper & Tank Works, Inc.
Ryan Aeronautical Co.
Shaw Metal Products Corp.
Solar Aircraft Co.
Stainless Steel Products, Inc.
Thieblot Aviation Co., Div.-Vitro Corp. of
America

\*UNITED AIRCRAFT PRODUCTS, INC.
United Mfg. Co., The
Warren Mfg. Div., Warren Brothers Roads Co.
Wright Aeronautical Div., Curtiss-Wright Corp.

ACF Industries, Inc., Advanced Products Div. Aircraft Mechanics, Inc.

#### **EXHAUST SYSTEMS**

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Kaiser Aircraft & Electronics Div. Kaiser Industries Corp.
R. C. Mahon Co., The
Muckle Mfg. Co.
Penn-Michigan Mfg. Corp.
Portland Copper & Tank Works, Inc.
Ryan Aeronautical Co.
Solar Aircraft Co.
Stainless Steel Products, Inc.
Thieblot Aviation Co., Div.-Vitro Corp. of America
United Mfg. Co., The
Warren Mfg. Div., Warren Brothers Roads Co.
Wright Aeronautical Div., Curtiss-Wright Corp.

#### **FANS**

Air-Marine Motors, Inc.
Ashland Electric Products, Inc.
Blowers, Inc.
Coppus Engrg. Corp.
Dean & Benson Research, Inc.
Devilbis Co., The
\*\*GARRET\*\* CORP., THE, AIRESEARCH MFG. DIVS. Hammett Electric Co. Hammett Electric Co.
Joy Mfg. Co.
Master Appliance Mfg. Co.
Muckle Mfg. Co.
Robot Appliances, Inc.
Rotron Mfg. Co.
Task Corp. \*WESTINGHOUSE ELECTRIC CORP.

#### FILES

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#### FILM, MAGNETIC STRIPE

Eastman Kodak Co. Telectro Industries Corp.

#### GROUND HANDLING EQUIPMENT, MISSILES

ACF Industries, Inc., Advanced Products Div. Accessory Controls & Equipment Corp. Acoustica Associates, Inc. Alic. Div. Acrostica Corp. Aircraft Armaments, Inc. Div.-Consolidated Diesel Aircraft Standards, Inc. American Brass Co., American Brass Co., American Brass Co., American Brass Co., American Metal Hose Div. American Car & Foundry Div., ACF Industries, Inc. American Car & Foundry Div., ACF Industries, Inc.
American Research & Mfg. Corp.
Anderson, Greenwood & Co.
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Arkwin Industries, Inc.
Arnolt Corp.
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Austin-Western, Construction Equip. Div.Baldwin-Lima-Hamilton Corp.
Auto-Control Labs., Inc.
\*AVCO MFG. CORP., CROSLEY DIV.
Baldwin-Lima-Hamilton Corp., Electronics &
Instrumentation Divs.
Bil-Jax, Inc.

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Instrumentation Divs.
Bil Jax, Inc.
Boque Electric Mfg. Co.
Champion Airquipment, Inc.
Champion Co., The
Clark Equipment Co.
Consolidated Avionics Corp.
\*COOPER DEVELOPMENT CORP.
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Cromer Mfg. & Engrg., Inc.
G. M. Dykes Iron Works, Inc.
Dynametrics Corp.
Electronic Engrg. Co. of California
Food Machinery & Chemical Corp., Ordnance
Div.

Div.
Four Wheel Drive Auto Co., The
\*FREUHAUF TRAILER CO. \*GARRETT CORP., THE, AIRESEARCH MFG.

DIVS.
General Logistics, Div.-Aeroquip Corp.
Goodyear Aircraft Corp.
\*GREER HYDRAULICS, INC.

Goodyear Aircraft Corp.

FORRER HYDRAULICS, INC.

Gremco, Inc.

Harman Equipment Co.

Ludwig Honold Mfg. Co.

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Herrick L. Johnston, Inc.

Kaiser Aircraft & Electronics Div.-Kaiser Industries Corp.

Kaiser Aircraft Corp.

Kaiser Aircraft Corp.

Leach Corp.

Leach Corp.

Leach Corp.

Lowy-Hydropress, Div.-Baldwin-Lima-Hamilton

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Machine Engrg. Co., Inc.

Macks Trucks, Inc., Govt. Div.

R. C. Mahon Co., The

W. L. Maxson Corp., The

Williams Engrg. Co.

Milman Engrg. Co.

Modglin Co., Inc.

Nuclear Products-Erco., Div.-ACF Industries,

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Nuclear Products-Erco., Div.-ACF Industries, Inc.
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Polarad Electronics Corp.
Reeves Instrument Corp.
REGENT JACK MFG. CO., INC.
Republic Aviation Corp., Guided Missiles Div.
\*\*RESEARCH & ADVANCED DEVELOPMENT DIV.,
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Thieblot Aviation Corp.
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\*\*TRAILMOBILE, INC.
United Mfg. Co., The
United States Chemical Milling Corp.
Vard, Inc., Div.-Sperry Rand
\*VICKERS, INC., MARINE & ORDNANCE DEPT.,
MACHINERY HYDRAULIGS DIV.
Warren Mfg. Div., Warren Brothers Roads Co.
Washington Technological Associates, Inc.
Wells Industries Corp.
Wheland Co., The
Wickfield, Inc.
Winder Aircraft Corp. of Fla.

#### IGNITERS, JET ENGINE

ACF Industries, Inc., Advanced Products Div. Aircraft Standards, Inc.
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Bendix Products Div., Bendix Aviation Corp., Boston Insulated Wire & Cable Co., Carleton Aviation Co., Inc., Cleveland Pneumatic Tool Co., The, Div. Cleveland Pneumatic Tool Co., The, Div. Cleveland Pneumatic Tool Co., The Synnitrol Aircoate Co., The
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Olin Marnieson Chemical Corp., Fig. Fuels Div.
Propellex Chemical Corp.
Scintilla Div., Bendix Aviation Corp.
Twix Mfg. Co., Inc.
Winder Aircraft Corp. of Fla.

#### IGNITION ASSEMBLIES, SOLID **ROCKETS**

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Atlantic Research Corp.
Auburn Spark Plug Co., Inc.
Beaton & Corbin Mig. Co., The
Beckman & Whitley, Inc., Missile Products Div.
\*COOPER DEVELOPMENT CORP. \*COPER DEVELOPMENT CORP.
\*PUIVERSEY ENGER. CO.
McCormick Selph Associates
J. E. Menaugh Co.
Propellex Chemical Corp.
Resdel Corp.
Scintilla Div., Bendix Aviation Corp.
Telectro Industries Corp.
Titeflex, Inc.
Turbo Dynamics Corp.

#### LADDERS, FUELING

ACF Industries, Inc., Advanced Products Div.
Alad Aluminum Ladder Corp.
Associated Co., Inc.
Basic Tool Industries, Inc.,
Bil-Jax, Inc.
Champion Airquipment Inc.
C. B. Christiansen Co.
Cromer Mfg. & Engrg., Inc.
Duo-Safety Ladder Corp.
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Schaffer Air Industries, Inc.
Shaw Metal Products Corp.
South River Metal Products
Thieblot Aviation Co., Div.-Vitro Corp. of America

United Mfg. Co., The \*WASHINGTON ALUMINUM CO., INC. Wells Industries Corp.

#### LAUNCHING PLATFORMS

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Applied Design Co.
Atlantic Research Corp.
Baldwin-Lima-Hamilton Corp., Electronics & Instrumentation Divs.
Basic Tool Industries, Inc.
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Consolidated Diesel Electric Corp., Test Equip.
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Four Wheel Drive Auto Co., The
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Hallett Mig. Co.
Pomona Electrics Co., Inc.
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Eastman Kodak Co.
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\*HAYWARD SCIENTIFIC GLASS CORP.
Wollensak Optical Co.

#### LENSES, OPTICAL

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Buth Optical Co.
Cameron Surgical Specialty Co.
Consolidated Electrodynamics Corp.
Eastman Kodak Co.
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J. W. Fecker, Inc., Sub.-American Optical Co.
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\*HAYWARD SCIENTIFIC GLASS CORP.

HAYWARD SCIENTIFIC GLASS CORP.
Jones & Lemson Machine Co.
Kollsman Instrument Corp., Sub. Standard Coil
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O & S Research, Inc.
Optomecnanisms Inc.
Pacific Universal Products Corp.
Perkin-Elmer Corp.
Wollensak Optical Co.
Zenith Optical Laboratory

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Aro Equipment Corp., The
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Avien, Inc.
Bogue Electric Mfg. Co.
Bogue Electric Mfg. Co.
Boston Auto Gage Co., The
Consolidated Airborne Systems, Inc.
Dynametrics Corp.
Eastman Kodak Co.
Fischer & Porter Co.
Herrick L. Johnston, Inc.
W. L. Maxson Corp., The
Minneapolis-Honeywell Regulator Co., Aeronautical Div.
Minneapolis-Honeywell Regulator Co., Industrial
Div. Div.
Narda Ultrasonics Corp., The
Nuclear Corp. of America, Inc.
Phillips Aviation Co.
Photobell Co., Inc.
Pioneer-Central Div., Bendix Aviation Corp.
Simmonds Aerocessories, Inc.
Sun Electric Corp.
Ultradyne, Inc.
United Control Corp.
Whittaker Controls, Div. Telecomputing Corp.

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#### LIQUID OXYGEN

Air Products, Inc. American Car & Foundry Div., ACF Industries, Inc.
Clark-Aiken Co., The
Delta Chemical Works, Inc.
Herrick L. Johnston, Inc.
Modglin Co., Inc.

Ronan & Kunzl, Inc. Thompson Products, Inc. Weston Hydraulics, Ltd.

#### MOTORS, UNIVERSAL

Bodine Electric Co.
Electric Indicator Co., Inc.
\*GARREIT CORP., THE, AIRESEARCH MFG. DIVS.
General Electric Co., Apparatus Sales Div.
General Scientific Equipment Co.
Hammett Electric Co.
Master: Appliance Mfg. Co.

\*VICKERS INC., MARINE & ORDNANCE DEPT., MACHINERY HYDRAULICS DIV. \*WESTINGHOUSE ELECTRIC CORP.

#### OXYGEN APPARATUS AND BREATHING EQUIPMENT

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ARO Equipment Corp., The Ellison Draft Gage Co. Research MFG. DIVS. General Scientific Equipment Co. Walter Kidde & Co., Inc., Aviation Div. Mine Safety Appliances Co. J. J. Monaghan Co., Inc. Oxygen Equipment & Service Co. Pioneer-Central Div., Bendix Aviation Corp. Puritan Compressed Gas Corp., Aviation Div. Scott Aviation Corp. Superior Air Products Co. Task Corp.

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Aerotec Corp., The
Air Products, Inc.
ARO Equipment Corp., The
Fischer & Porter Co.
G. W. Galloway Co.
\*\*SARRETT CORP., THE, AIRESEARCH MFG. DIVS.
K. W. Johnson & Co., Inc.
Herrick L. Johnston, Inc.
Walter Kidde & Co., Inc., Aviation Div.
Minneapolis-Honeywell Regulator Co., Aeronautical Div.
Owen Equipment & Service Co.

tical Div. Oxygen Equipment & Service Co. Pioneer-Central Div., Bendix Aviation Corp. Progressive Research & Development Co., Inc Puritan Compressed Gas Corp., Aviation Div.

\*RYAN INDUSTRIES

Scott Aviation Corp.
Stearns-Roger Mfg. Co.
\*WASHINGTON ALUMINUM CO., INC.

#### PACK SETS

Bil-Jax, Inc. Kellett Aircraft Corp.

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\*\*Inc.

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Lukens Steel Co.
Luria Engrg. Co.
R. C. Mahon Co., The
Parish Pressed Steel, Div.-Dana Corp.
Peterson & Neville Inc.
Philips & Davies Inc.
Pitman Mig. Co.
REGENT JACK MFG. CO., INC.
Reich Brothers Mfg. Co., Inc.
Soncor Corp.
South River Metal Products Co., Inc.
United Mfg. Co., The
Warren Mfg. Div., Warren Brothers Roads Co.
\*WASHINGTON ALUMINUM CO., INC.
Washington Technological Associates Inc.
Wells Industries Corp.
Winder Aircraft Corp of Fla.

#### **PUMPS**

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\*BYRON JACKSON PUMPS, INC., SUB.-BORG-CONSOLIDATE CORP.
Consolidated Electrodynamics Corp.
\*CORNELIUS CO., THE

\*EASTERN INDUSTRIES, INC.
Food Machinery & Chemical Corp., Ordnance

Div.
\*\*GARETT CORP., THE, AIRESEARCH MFG. DIVS.
Herrick L. Johnston, Inc.
Kemp Aero Products, Div.-Kemp Inc.
Lapp Insulator Co., Inc., Radio Specialties Div.
Gerard G. Leeds Co., Inc., National Airoil Burner Co.
New York Air Brake Co., The, Watertown Div.
Research Appliance Co.
Milton Roy Co.
Sundstrand Turbo Div., Sundstrand Machine Tool

Task Corp.
Thompson Products, Inc.
Vickers Inc., Div.-Sperry Rand
Wayne Pump Co., The

#### Liquid Nitrogen

Air Products, Inc.
ARO Equipment Corp., The
\*B87RON JACKSON PUMPS, INC., SUB.-BORGWARNER CORP.
Chandler-Evans, Div., Pratt & Whitney Co., Inc.
Kemp Aero Products, Div.-Kemp Inc.
Pesco Products Div.-Borg-Warner Corp.
\*RYAN INDUSTRIES
Stratos, Div.-Fairchild Engine & Airplane Corp.
Sundstrand Turbo Div., Sunstrand Machine Tool
Co.

Sundstrand Turbo Div., Substraind Machine Co. Co. Superior Air Products Co. Task Corp. Thompson Products, Inc. Whittaker Controls, Div.-Telecomputing Corp. Whittaker Gyro, Div.-Telecomputing Corp.

Liquid Oxygen

Air Products, Inc.
ARO Equipment Corp., The
\*\*BYRON JACKSON PUMP, INC., SUB.-BORGWARNER CORP.
Harman Equipment Co.
Herrick L. Johnston, Inc.
Kemp Aero Products, Div.-Kemp Inc.
Presco Products Div.-Borg-Warner Corp.
Reaction, Motors, Inc.

Reaction Motors, Inc. \*RYAN INDUSTRIES Stratos, Div.-Faichild Engine & Airplane Corp. Sundstrand Turbo Div., Sundstrand Machine Tool

Sundstrand turbo Co. Superior Air Products Co. Task Corp. Thompson Products, Inc. Whittaker Controls, Div.Telecomputing Corp. Whittaker Gyro, Div.Telecomputing Corp.

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Metering
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W. H. Nichols Co.
Pyles Industries, Inc.
Research Appliance Co.
Milton Roy Co.
Sundstrand Aviation, Div.-Sundstrand Machine
Tool Co.
Task Corp.
Thompson Products, Inc.
Whittaker Controls, Div.-Telecomputing Corp.
Whittaker Gyro, Div.-Telecomputing Corp.

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Gardner-Denver Co.
GARRETT CORP., THE, AIRESEARCH MFG.

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M. C. Mfq. Co.

Nash Engrag. Co., The
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Superior Pneumatic & Mfg., Inc.

Stratos, Div.-Paircnild Engine & Angline Superior Pneumatic & Mfg., Inc.
Task Corp.
Thompson Products, Inc.
Whittaker Controls, Div.-Telecomputing Corp.
Whittaker Gyro, Div.-Telecomputing Corp.

#### Speed Density Metering

Task Corp. Whittaker Gyro. Div. Telecomputing Corp.

#### Transfer

Transfer

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Hastings Plastics, Inc.
Nash Engrg. Co., The
National Airoil Burner Co.
Pesco Products Div.—Borg-Warner Corp.
Reaction Motors, Inc.
Research Appliance Co.
Milton Roy Co.
Sundstrand Turbo Div., Sundstrand Machine
Tool Co.
Task Corp.
Thompson Products, Inc.
\*UNITED AIRCRAFT PRODUCTS, INC.
Wayne Pump Co., The
Whittaker Controls, Div.-Telecomputing Corp.
Whittaker Gyro, Div.-Telecomputing Corp.

#### Turbine

\*\*Morris Bean & Co.

\*\*BYRON JACKSON PUMPS, INC., SUB.—BORG-WARNER CORP.
Continental Aviation & Engrg. Corp.

\*\*GARRETT CORP., THE, AIRESEARCH MFG. DIVS.
Harman Equipment Co.
Marquardt Aircraft Co.
Reaction Motors, Inc.
Stratos, Div.-Fairchild Engine & Airplane Corp.

Stratos, Div.-Fairchild Engine & Airplane Co. Task Corp. Thompson Products, Inc. Thompson Scorp. Whitlaker Controls, Div.-Telecomputing Corp.

#### Water Injection

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Task Corp.
Thompson Products, Inc., Whittaker Controls, Div.-Telecomputing Corp.

#### Vacuum

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Div.

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High Vacuum Equipment Corp.

International Pump & Machine Works

Gerard G. Leeds Co., Inc.

NRC Equipment Corp.

Nash Engrg. Co., The

Nelson Vacuum Pump Co.

Research Appliance Co.

F. J. Stokes Corp.

Task Corp.

Veeco Vacuum Corp.

#### Wobble

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SHIPPING CONTAINERS \*ECKOL PACKAGING CO.

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General Cement Mfg. Co., Div.-Textron Inc.
Ideal Industries, Inc.
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Vulcan Electric Co., Div.-Consolidated Electric
Lamp Co., Inc.
P. Wall Mfg. Co.
Zephyr Mfg. Co., Inc.

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Alcar Instruments, Inc.
Anchor Metal Co. Inc.
Curtiss-Wright Corp., Industrial & Scientific
Products Div.
Massa Labs., Inc.
Narda Ultrasonics Corp., The
Pioneer-Central Div., Bendix Aviation Corp.
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Bendix Aviation Corp., Skinner-Poroloy Div.
\*BUCKEYE IRON & BRASS WORKS BUCKEYE IRON & BRASS WOR! Cuno Engrg. Corp., The Dumont Aircraft & Fitting Co. Engineered Products Co., The General Filters, Inc. Harman Equipment Co. National Airgil Burner Co. Newark Wire Cloth Co. Poroloy Equipment, Inc.

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P. R. Mallory & Co., Inc.
Miller-Robinson Co. MILIER-RODINSON CO.
\*\*MISSILE COMPONENTS GROUP, ELECTRO-SNAP
SWITCH & MFG. CO.
Telectro Industries Corp.
Zenith Electric Co.

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Gunnar Laboratories
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Vemaline Products Co.
\*WESTINGHOUSE ELECTRIC CORP.

\*WESTINGHOUSE ELECTRIC CORP.
Wilcolator Co., The

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Automatic Electric Sales Corp. \*DATA-CONTROL SYSTEMS, INC.

\*DATA-CONTROL SYSTEMS, INC.
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Iron Fireman Mfg. Co., Electronics Div.
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Hofman 3000 Gallon Trailer

Built to A.S.M.E. and I.C.C. specifications in sizes from 500 to 3500 gallons. Efficient performance is shown in this Hofman powder in vacuum insulated equipment. Standard features include: bottom fill and discharge line, top fill line, liquid level gauge, vacuum valve and filter, thermocouple vacuum gauge, pressure gauge, A.S.M.E. code stamped inner vessels, quick pressure build-up system, extended stem valves on liquid lines, ending with Hofman quick couplings.



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TWO-PIECE, PLASTIC NAME-PLATE
PROVIDES EASY COLOR-CODING;
SIMPLIFIES OPERATION IDENTIFICATION



Virtually any operating condition can be identified with this push-button name-plate arrangement, The snap-in button is easily removed for insertion of slip-in name-plate. Use of various colored button bases, or various colored lamps, permits wide range of codings and monitoring.

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INDEX

FEED



STOP

HOLD

INDEX

modular mounting

# lighted push-button panel switch

Simplifies Control Panels; Saves Space, Cuts Cost. May be used singly or in "stacked" arrangement.

This new Electro-Snap push-button panel switch efficiently combines a name plate, pilot light assembly and a switching unit in one compact modular assembly. The trim, streamlined design permits easy "stacking" on control panels or consoles. It eliminates congestion by replacing three individual units (nameplate, pilot light assembly and switch unit). You can achieve greater operating efficiency and quality appearance while making substantial savings in space and cost. A wide variety of configurations is available in:

- circuit arrangements of switch and pilot lights
- colored buttons for color coding

colored lights for color monitoring

The operating and indicating combinations possible through the variation of arrangements provides almost unlimited applications for sequencing, movement-limit, start-and-stop, position-indicating and similar control operations.

Check the design and construction advantages of this significant advance in panel switches for your own applications. For further details contact your local representative or write to:

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**4216 W. Lake St. • Chicaga 24, III.** VA 6-3100 TWX #CG-1400

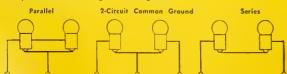
- Snap-in button permits easy lamp replacement from front of panel
- Barrier can be color-anodized to your specification



The lighted push-button switch assembly is also available without the switch unit for use where only pilot light duty is required.

#### VARIETY OF CIRCUIT ARRANGEMENTS PERMITS, WIDE RANGE OF INDICATING AND SWITCHING COMBINATIONS

- Lamp circuit can be wired independently of switch circuit—or through switch unit.
- Since two lamps are provided, independent external circuits can be indicated on single unit with different lamp colors and white push-button.
- Complete push-button switch unit or pilot-light assembly can be supplied in any of the three following circuit arrangements.



6 6V. or 28V. lamps may be used (solder terminals on lamp assembly)

Switch terminals available

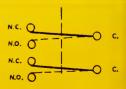
Solder • Turret

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e Turret • AMP quick-disconnect

Switching Circuits to Meet Your Needs

The double-pole, double-throw switching unit may be wired normally-open or normally-closed.



a standard ELECTRO-SNAP UNIT

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- Space Saving
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Hydraulic

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Talley Corp., The
Talley Corp., The
Talley Corp., The
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Rotary

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Haller Raymond & Brown Inc.
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AMPLIFIERS

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Tensor Electric Development Co., Inc.
Winder Aircraft Corp. of Fla.

Control

Abrams Instrument Corp.
Advance Industries, Inc.
Airborne Accessories Corp.
Amelco, Incessories Corp.
Amelco, Incessories FOUNDRY CO.
American Electronics, Inc., Data-Tronics Div.
CDC Control Services, Inc.
Communications Co.
Computer Engrg. Associates, Inc.
Consolidated Controls Corp.
\*ADATA-CONTROL SYSTEMS INC.
Daven Co., The
Du Kane Corp.
Dunlap Electronics, Inc.
Eclipse-Pioneer Div., Bendix Aviation Corp.
Electric Eye Equipment Co.
Electronic Associates, Inc.
Fairfield Engineering Corp.
General Instrument Corp., Defense Products
Div.
Concart Precision Lab. Inc. Control General Instrument Corp., Defense Products Div.

General Precision Lab. Inc.
Greenleaf Mfg. Co., The, Div.-Mandrel Industries Inc.
Haller Raymond & Brown Inc.
Keithley Instruments, Inc.
Lane Electronics Mfg. Corp.
La Pointe Industries Inc.
Lear, Inc., Grand Rapids Div.
L E L, Inc.
J. A. Maurer, Inc.
Minneapolis-Honeywell Regulator Co., Aeronautical Div.

Minneapolis-Honeywell Regulator Co., Boston Div. Div.

Div.

Munston Mfg. & Service, Inc.

Patterson, Moos Div.-Universal Winding Co., Patterson, Moos Div.-Universal Winding Colnc.
Inc.
Philoc Corp., Government & Industrial Divs.
Reeves Instrument Co.
Reeves Instrument Co.
Servomechanisms, Inc., Mechatrol Div.
Servomechanisms, Inc., Mechatrol Div.
Skiatron Electronics & Television Corp.
Southwestern Industrial Electronics Co.
Telectro Industries Corp.
Televiso Corp.
Televiso Corp.
Tensor Electric Development Co., Inc.
Trans Electric Development Co., Inc.
United Control Corp.
Vap-Air Div., Vapor Heating Corp.
Varo Mfg. Co.
Wickes Engrg. & Construction Co. Inc.
Winder Aircraft Corp. of Fla.

#### Cuing

Communications Co.
Daven Co., The
Haller Raymond & Brown Inc.
Patterson, Moos Div.-Universal Winding Co., Inc.
Skiatron Electronics & Television Corp.
Telectro Industries Corp.

#### Encapsulated

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American Research & Mfg. Corp.
Barker Sales Co.
Bendix Aviation Corp., York Div.



Burroughs Corp.
Communications Co.
\*COOPER DEVELOPMENT CORP.
Daven Co., The
Doty Acoustica Electronic Labs.
Du Kane Corp.
Dunlap Electronics, Inc.
Dwyer Engrg. Co., Inc.
Elgin Micronics, West Coast Div.-Elgin National
Watch Co.
Epsco Inc.
Ford Instrument Co., Div.-Sperry Rand Corp.
Haller Raymond & Brown Inc.
\*INTERELECTRONICS CORP.
Keithley Instruments, Inc. NTERELECTRONICS CORP.

Keithley Instruments, Inc.

Keystone Products Co.

La Pointe Industries Inc.

Mr F Electronics Co.

NYT Electronics Co.

NYT Electronics Co.

Patterson, Moos Div.-Universal Winding Co., Inc.

Servomechanisms, Inc.

Skiatron Electronics & Television Corp.

Southwestern Industrial Electronics Co.

Telectro Industries Corp.

Tempor Instrument Inc.

Tensor Electric Development Co., Inc.

Topper Mig. Co., Inc.

Tresco, Inc. Tresco, Inc.
United Control Corp.
Walkirt Co.
Warren Transformer Co., Inc.

## Integrating

Integrating
Acro Products Co.
Allegany Instrument
Alto Scientific Co., Inc.
Alto Scientific Co., Inc.
American Electronics, Inc., Data-Tronics Div.
American Research & Mfg. Corp.
Analogue Controls, Inc.,
Bendix Aviation Corp., York Div.
Communications Co.
Computer Engrg. Associates, Inc.
Consolidated Avionics Corp.
Consolidated Avionics Corp.
Consolidated Avionics Corp.
Electronic Associates, Inc.
Electronic Associates, Inc.
Elgin Micronics Associates, Inc.
Corp.
Acro. Helps Product Corp.
Bendix Aviation Corp.
Electronic Associates, Inc.
Elgin Micronics, West Coast Div. Elgin National
Watch
Corp.
GARRETI CORP., THE AIRESEARCH MFG. DIVS.
General Precision Lab. Inc.
Goodyear Aircraft Corp.
Greenleaf Mfg. Co., The, Div. Mandrel Industries
Inc.

Greenleat Mrg. Co., Ine, Div. Mainter Industrial Inc.
Haller Raymond & Brown Inc.
Keithley Instruments, Inc.
Lear, Inc., Grand Rapids Div.
Patierson, Moso Div.-Universal Winding Co., Inc.
Patierson, Government & Industrial Divs.
Reeves Instrument Corp.
Servomechanisms, Inc.
Skiatron Electronics & Television Corp.
Telectro Industries Corp.
Tensor Electric Development Co., Inc.

## Line, Audio

Amplifier Corp. of America
J. H. Bunnell & Co.
Communications Co.
\*DATA-CONTROL SYSTEMS INC. DAYA-CONINGL STREMS INC.
Daven Co., The
Doty Acoustica Electronic Labs.
Du Kane Corp.
Dunlap Electronics, Inc.
Empire Products Sales Corp.
Haller Raymond & Brown Inc.
Highland Engra, Co.

Hailer Raymond & Brown Inc.
Highland Engg., CoR.
Keystone Products CO.
Lane Electronics Mig. Corp.
La Pointe Industries Inc.
Lytle Enggrud G. Co., Ltd.
Munston Mig. & Service, Inc.
Orbitran Mig. & Service, Inc.
Orbitran Lectronics & Television Corp.
Soathwestern Industrial Electronics Co.
Stromberg-Carlson, Electronics Div.
Telectro Industries Corp.
Tensor Electric Soc.
Telectronics Co.
Stromberg-Carlson, Electronics Div.
Telectro Industries Corp.
Tensor Electric Development Co., Inc.
Varo Mig. Co.
Wickes Engrg. & Construction Co. Inc.

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Magnetic
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Advance Industries, Inc.
Advance Accessories Corp.
American Research & Mig, Corp.
Bogue Electric Mfg. Co.
Burroughs Corp.
Canoga Corp. of California
Cedar Engrg. Div.-Control Data Corp.
Consolidated Controls Corp.
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Eclipse-Pioneer Div., Bendix Aviation Corp.
Empire Products Sales Corp.

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Fairfield Engineering Corp.
Feedback Controls, Inc.
Ford Instrument Co., Div.-Sperry Rand Corp.
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General Precision Lab. Inc.
Goslin Electric & Mfg. Co.
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Kaiser Aircraft & Electronics Div.-Kaiser Industries Corp.
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Keystone Products Co.
Lear, Inc.
Lear, Inc.
Cerard G. Leeds Co., Inc.
Librascope Inc.
Lumen, Inc.
Magnetico, Inc.
NYT Electronics, Inc.
Ortho Filter Corp.
Patterson, Moos Div.-Universal Winding Co., Inc.
Philico Corp., Government & Industrial Divs.
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Sangano Electric Co.
Saratoga Industries
Servomechanisms, Inc.
Southwestern Industrial Electronics Co.
Specialties, Inc.
Telectro Industries Corp.
Tensor Electric Development Co., Inc.
Transformers, Inc.
Transformers, Inc.
Transformers, Inc.
Transformers, Inc.
Transformers, Inc.
Transformers, Inc.
Transformer Corp.
United Control Corp.
United Control Corp.
United Control Corp.
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Westinghouse Electric Corp.
\*\*WESTINGHOUSE ELECTRIC CORP., AIR ARM
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DIV. Wickes Engrg. & Construction Co. Inc.

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Microwave

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Airtron, Inc.
Airtron, Inc.
Airtron, Inc.
Airtron, Inc.
Airtron, Inc.
Airtron, Inc.
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Demornay-Bonardi
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Empire Products Sales Corp.
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Goodyear Aircraft Corp.
Haller Raymond & Brown Inc.
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Reseves Instrument Corp.
Reseves Instrument Corp.
Resdel Engrg. Corp.
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Echnical Oil Tool Corp.
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Mixing. R-F

## Mixing, R-F

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Geisler Labs.
General Instrument Corp., Defense Products Div.
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J.-V.M Microwave Co.
L E L, Inc.

Microwave Development Labs., Inc. Munston Mig. & Service, Inc. Patterson, Moos Div.—Universal Winding Co., Inc.
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Reeves Instrument Corp.
Standard Electronics Div., Radio Engrg. Labs. Standard Electronics Inc. Stavid Engrg., Inc. Telectro Industries Corp. Wave Particle Corp. Westbury Electronics Inc.

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Philoc Corp., Government & Industrial Divs.

Skiatron Electronics & Television Corp.

Southwestern Industrial Electronics Co.

Telectric Industrial Electronics Co.

Tensor Electric Development Co., Inc.

Western Electro-Acoustic Lab.

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Skiatron Electronics & Television Corp.
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Telectro Industrial Corp.

## Photocell

Photocell

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Dunlap Electronics, Inc.
Eldorado Electronics
Electric Eye Equipment Co.
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## Power

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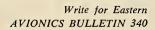
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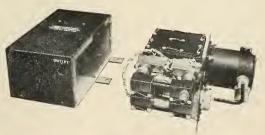
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Greenleaf Mfg. Co., The, Div.—Mandrel Industries Inc.
Hallamore Electronics Co.
Haller Raymond & Brown Inc.
Hanson-Gorrill-Brian, Inc.
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Resdel Engrg. Corp.
Servomechanisms, Inc.
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Inc. Standard Lectronics Div.
Inc.
Stromberg-Carlson, Electronics Div.
Telectro Industries Corp.
Varo Mfg. Co.
Walkirt Co.
Western Electro-Acoustic Lab.

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\*COOPER DEVELOPMENT CORP.
\*\*\*\*\*PDATA-CONTROL SYSTEMS INC.
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Du Kane Corp.
Dunlap Electronics, Inc.
Doty Acoustica Electronics Labs.
Du Kane Corp.
Dunlap Electronics, Inc.
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Electronic Associates, Inc.
Ford Instrument Co., Div.—Sperry Rand Corp.
General Precision Lab. Inc.
Goodyear Aircraft Corp.
Gray Mig. Co., The
Haller Raymond & Brown Inc.
Industrial Control Co.
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M F Electronics Co.
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Stavid Engrg., Inc., Telectronic Corp., Inc., Telectro Industries Corp., Tempo Instrument Inc., Thompson Products, Inc., Topper Mfg. Co., Inc., United-Carr Fastener Corp., Walkirt Co., Westbury Electronics Inc.

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Advance Industries, Inc.
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American Research & Mfg. Corp.
Analogue Controls, Inc.
Barber-Colman Co.
Barber-Colman Co.
Barber-Colman Co. Barber-Colman Co.
Barnes Development Co.
Bogue Electric Mfg. Co.
Brush Instruments, Div.Clevite Corp.
Brush Instruments, Div.Clevite Corp.
Burroughs Corp. of California
Cedar Engrg. Div.-Control Data Corp.
Collins Radio Co.
Communications Co.
Communications Co.
Computer Engrg. Associates, Inc.
Consolidated Controls Corp.
PDALMO VICTOR CO., DIV.-TEXTRON INC.
\*DATA-CONTROL SYSTEMS INC.

Du Kane Corp.

\*EASTERN INDUSTRIES, INC.
Eclipse-Pioneer Div., Bendix Aviation Corp.
Electronic Associates, Inc.
Exact Engrg. & Mig. Inc.
Exact Engrg. & Mig. Inc.
Exact Engrg. & Mig. Inc.
Exit Engraph Corp.
Farnsworth Electronics Co., Div.-Int'l Telephone
& Telegraph Corp.
J. W. Fecker, Inc., Sub.—American Optical Co.
Feedback Controls, Inc.
Fidelity Instrument Corp.
Ford Instrument Corp.
Ford Instrument Corp.
Ford Controls Co., Div.—Sperry Rand Corp.
\*GARREIT CORP., IHE, AIRESEARCH MFG. DIVS.
General Electric Co., Apparatus Sales Div.
General Prectsion Lab. Inc.
Goodyear Aircraft Corp.
Gray Mig. Co., The
Greenleaf Mig. Co., The, Div.-Mandrel Industries Inc. Greenleaf Mig. Co., The, Div tries Inc.
Hallamore Electronics Co.
Haller Raymond & Brown Inc.
Hanson-Gorrill-Brian, Inc.
Industrial Control Co.
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Kelsey-Hayes Co.
Keystone Products Co.
La Pointe Industries Inc.
Lear. Inc.
Lear. Inc. Kelsey-Hayes Co.
Keystone Products Co.
La Pointe Industries Inc.
Lear, Inc., Grand Rapids Div.
Gerard G. Leeds Co., Inc.
Librascope Inc.
Librascope Inc.
JOHN OSTER MFG. CO., AVIONIC DIV.
Patterson, Moos Div.-Universal Winding Co., Inc.
Philco Corp., Government & Industrial Divs.
Reeves Instrument Corp.
Ryan Aeronautical Co.
Servomechanisms, Inc., Mechatrol Div.
Skiatron Electronics & Television Corp.
Southwestern Industrial Electronics Co.
Stavid Engra, Inc.
Telectro Industries Corp.
Tempo Instrument Inc.
Theta Instrument Corp.
Topper Mfg. Co., Inc.
United Control Corp.
Varo Mfg. Co.
Wacline, Inc.
Westbury Electronics Inc.
Westbury Electronics Inc.
Westbury Electronics Ltd. DIV. Weston Hydraulics, Ltd.

## Single-Sideband

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Canoga Corp. of California
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Electronic Communications, Inc. Electronic Communications, Inc.
Geisler Labs,
Gray Mfg. Co., The
Haller Raymond & Brown Inc.
Hydon Eastern Inc.
Industrial Television Inc.
E. F. Johnson Co.
Kaiser Aircraft & Electronics Div. Kaiser Industries Corp.
Lane Electronics Mfg. Corp.
Munston Mfg. & Service, Inc.
Patterson, Moos Div. Universal Winding Co.,
Inc. Inc. Inc. Philos Corp., Government & Industrial Divs. RS Electronics Corp. Ryan Aeronautical Co. Standard Electronics Div., Radio Engrg. Labs. Inc.
Telectro Industries Corp.
Telectro Industries Corp.
Wave Particle Corp.
Westinghouse Electric Corp.

## Transistor

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Alto Scientific Co., Inc.
Amelco, Inc.
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Bendix Aviation Corp., Red Bank Div.
Bogue Electric Mig. Co.
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Bulova Watch Co.,
Burroughs Corp.
Consolidated Avionics Corp.
Consolidated Avionics Corp.
Consolidated Electrodynamics Corp.
Curriss-Wright Corp., Electronics Div.
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Daven Co., The
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Du Kane Corp.
Dunlap Electronics, Inc.
Dwyer Engrg. Co., Inc.
Eclipse-Pioneer Div., Bendix Aviation Corp.
Electronic Associates, Inc.
Electronicids Corpositional Watch Co.

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Fairfield Engineering Corp.
Feedback Controls, Inc.
Ford Instrument Co., Div.-Sperry Rand Corp.
General Instrument Corp., Defense Products Div.
General Instrument Corp., Defense Products Div.
General Instrument Corp., Defense Products Div.
General Precision Lab. Inc.
Goodyear Aircraft Corp.
Hallamore Electronics Co.
Haller Raymond & Brown Inc.
Hoover Electronics Co.
Industrial Control Co.
Instrument Laboratories
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Kethley Instruments, Inc.
Kelsey-Hayes Co.
Kin Tel Div.-Cohu Electronics, Inc.
Lear, Inc., Grand Rapids Div.
L E L, Inc.
Librascope Inc.
M F Electronics Co.
Magnavox Co., The
Minneapolis-Honeywell Regulator Co., Boston
Div.
Motordyne Inc.
NYT Electronics, Inc.
Orbitran Co., Inc.
Orbitran Co., Inc.
Philco Corp., Government & Industrial Divs.
Paterson, Moos Div.-Universal Winding Co., Inc.
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Polarad Electronics Corp.
Precision, Inc.
Reeves Instrument Corp.
Revan Aeronautical Co.
Servomechanisms, Inc., Mechatrol Div.
Skiatron Electronics & Television Corp.
Southwestern Industrial Electronics Co.
Strombeeg-Carlson, Electronics Div.
Iechnical Oil Tool Corp.
Tempo Instrument Inc.
Tensor Electric Development Co., Inc.
Trans Electronics, Inc.
Ultradyne, Inc.
United Control Corp.
United Electrodynamics, Div.-United Geophysical
Corp.
Vap-Air Div., Vapor Heating Corp.
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Walkirt Co. United Electrodynamics, Div.-United Corp.
Corp.
Vap-Air Div., Vapor Heating Corp.
Varo Mfg. Co.
Walkiri Co.
Westbury Electronics Inc.
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Arlantic Research Corp.
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M F Electronics Co.
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Philos Corp., Government & Industrial Divs.
Skiatron Electronics & Television Corp.
Southwestern Industrial Electronics Co.
Telectro Industries Corp.

## Vibration Pickup

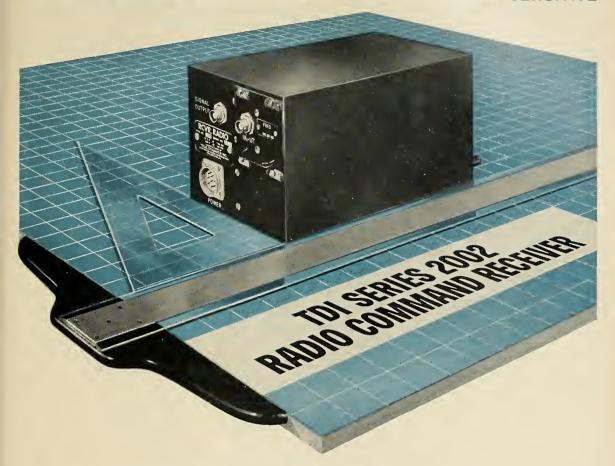
Patierson, Moos Div. Inc.
Inc.
Skiatron Electronics & Television Corp.
Southwestern Industrial Electronics Co.
Telectro Industries Corp.
United Electrodynamics, Div. United Geophysical Corp.
Videon Electronic Corp.
Western Electro-Acoustic Lab.

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ANALYZERS

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United Aircraft Corp.
Farnsworth Electronics Co., Div.-Int'l Telephone
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Electronics Dept., Hamilton Standard Div.,
United Aircraft Corp.
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& Telegraph Corp.
General Electric Co., Apparatus Sales Div.
Haller Raymond & Brown Inc.
Instrument Laboratories
Kay Electric Co.
Lane Electronics Mfg. Corp.
La Pointe Industries Inc.
Philco Corp., Government & Industrial Divs.
Precision Apparatus Co., Inc.
Reeves Instrument Corp.
Skiatron Electronics & Television Corp.
Sun Electric Corp.
Telectro Industries Corp.
Ultradyne, Inc.

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Dynamic Gear Co., Inc.
General Electric Co., Apparatus Sales Div.
Goodyear Aircraft Corp.
Haller Raymond & Brown Inc. Haller Raymond & Brown Inc.
Librascope Inc.
Mid-Century Instrumatic Corp.
Philico Corp., Government & Industrial Divs.
Reeves Instrument Corp.
Skiatron Electronics & Television Corp.
Telectro Industries Corp.

American Electronics, Inc., Data-Tronics Div. Brush Instruments, Div.-Clevite Corp., General Electric Co., Apparatus Sales Div. Haller Raymond & Brown Inc., North Affantic Industries, Inc. Panoramic Radio Products, Inc. Philoc Corp., Government & Industrial Divs. Ryan Aeronautical Co., Skiatron Electronics & Television Corp. Stavid Engra, Inc.
Telecthrome Mfg. Corp.
Telectro Industries Corp.
Varo Mfg. Co.

## Servo

Advance Industries, Inc.
Brush Instruments, Div.-Clevite Corp.
CDC Control Services, Inc.
Canoga Corp. of California
Exact Engra. & Mfg. Inc.
Gray Instrument Co.
Haller Raymond & Brown Inc.
Industrial Control Co.
Kearfott Co., Inc.
North Atlantic Industries, Inc.
Librascope Inc.
Minneapolis-Honeywell Regulator Co., Boston
Div. Minneapolis-Honeywell Regulator Co., Bost Div.
Philco Corp., Government & Industrial Divs. Reeves Instrument Corp., Ryan Aeronautical Co., Skiatron Electronics & Television Corp., Stavid Engrg., Inc., Strata Instrument Co., Telectro Industries Corp., Theta Instrument Corp.

## Transducer

Advance Industries, Inc.
American Electronics, Inc.
Clark Electronic Laboratories
Computer Instruments Corp.
Consolidated Avionics Corp.
Consolidated Electrodynamics Corp.
Hallamore Electronics Co.
Massa Labs., Inc.
Orbitran Co., Inc.
Orbitran Co., Inc.
Philoc Corp., Government & Industrial Divs.
Skiatron Electronics & Television Corp.
Southwestern Industrial Electronics Co.
Telectro Industries Corp.
Ultradyne, Inc. Ultradyne, Inc.
United Control Corp.
Western Electro-Acoustic Lab.

## ANODES, GRAPHITE

Helwig Co. Radio Corporation of America, Defense Elec-tronic Products Sanders Associates, Inc.

## ANTENNA FEED SYSTEMS

Advance Industries, Inc. Ainslie Corp. Aircom Inc. Airtron, Inc. \*AMERICAN MACHINE & FOUNDRY CO.

Airtron, Inc.

\*AMERICAN MACHINE & FOUNDRY CO.

Andrew Corp.
Bogart Mrg. Corp.
Canoga Corp. of California
Collins Radio Co.

\*\*PDALMO VICTOR CO., DIV.-TEXTRON INC.
Dayton Aircraft Products, Inc.
Defiance Engra. & Microwave Corp.

\*\*DORNE & MARCOLIN, INC.
Farnsworth Electronics Co., Div.-Int'l Telephone
& Telegraph Corp.
Diamond Antenna & Microwave Corp.
Gabriel Co., The Gabriel Electronics Div.
Goodyear Aircraft Corp.
Haller Raymond & Brown Inc.
E. F. Johnson Co.
D. S. Kennedy & Co.
La Pointe Industries Inc.
Microwave Electronics Div., Sperry Gyroscope
Co.

Mocrola Inc., Military Marketing Div. Co.
Motorola Inc., Military Marketing Div.
Prodelin Inc.
Radar Design Corp.
Ryan Aeronautical Co.
Technical Appliance Corp.
\*TELERAD MFG. CORP.
Talkor IE.

\*TELERAD MFG. CORP.
Telkor, Inc.
Terminal Radio Corp.
Transco Products, Inc.
\*WASHINGTON ALUMINUM CO., INC.
Waveline, Inc.
Waveguide, Inc.
Wind Turbine Co.

## ANTENNA, FITTINGS AND **ACCESSORIES**

Ainslie Corp.
Aircom Inc.
Airtron, Inc.
All American Aircraft Products, Inc.
American Brass Co., The
\*AMERICAN MACHINE & FOUNDRY CO.

All American Aircraft Products, Inc.
American Brass Co., The
\*AMERICAN MACHINE & FOUNDRY CO.
Andrew Corp.
Blaco Mfg. Co.
CGS Labs., Inc.
Canoga Corp. of California
Coavial Connector Co. Inc.
Collins Radio Co.
Continental Diamond Fibre Corp., Sub.—The
Budd Co.
\*PALMO VICTOR CO., DIV.-TEXTRON INC.
Dayton Aircraft Products, Inc.,
Defiance Engrg. & Microwave Corp.
Diamond Antenna & Microwave Corp.
Diamond Antenna & Microwave Corp.
Diamond Antenna & Microwave Corp.
Dithmore-Freimuth Corp.
Eclipse-Pioneer Div., Bendix Aviation Corp.
Emerson Electric Mfg. Co., The, Electronics &
Avionics Div.
Gabriel Co., The Gabriel Electronics Div.
Goodyear Aircraft Corp.
Haller Raymond & Brown Inc.
Hi-Lo Manufacturing Corp.
Hycon Eastern Inc.
E. F. Johnson Co.
D. S. Kennedy & Co.
La Pointe Industries Inc.
Microwave Electronics Div., Sperry Gyroscope
Co.
Motorola Inc., Military Marketing Div.
Permax Products Div., Chisholm-Ryder Co., Inc.
Prodelin Inc.
Radar Design Corp.
Resdel Engrg. Corp.
Ryan Aeronautical Co.
Shaw Metal Products Corp.
Specific Products
Technical Appliance Corp.
Terminal Radio Corp.
Terminal Radio Corp.
Tirento Products Corp.
John Co.
Tirento Products Corp.
Terminal Radio Corp.
Tirento Products Corp.
John Co.
Tirento Products Corp.
John Co.
WASHINIGTON ALUMINUM CO., INC.

\*WASHINGTON ALUMINUM CO., INC. Waveguide, Inc. Wind Turbine Co.

## ANTENNA TUNING UNITS

ANTENNA TUNING UNITS

Advance Industries, Inc.
Airtron, Inc.
American Electronic Labs., Inc.
\*AMERICAN MACHINE & FOUNDRY CO.
Andrew Corp.
Canoga Corp. of California
Collins Radio Co.
Communications Co.
\*DALMO VICTOR CO., DIV.-TEXTRON INC.
Dayton Aircraft Products, Inc.
Diamond Antenna & Microwave Corp.
Don-Lan Electronics Co.
Empire Products Sales Corp.
General Instrument Corp., Defense Products Div.
Goodyear Aircraft Corp.
Haller Raymond & Brown Inc.
J.-V-M Microwave Co.
E. F. Johnson Co.
La Pointe Industries Inc.
Lear, Inc. Lear, Inc.

Prodelin Inc.
Radar Design Corp.
Technical Appliance Corp.
Tellectro Industries Corp.
Terminal Radio Corp.
Wilcox Electric Co., Inc.
Wunderlich Radio Co.

## ATTENUATORS, AUDIO

Clarostat Míg. Co., Inc.
Corning Glass Works
Daven Co., The
Dayton Aircraft Products, Inc.
Dittmore-Freimuth Corp.
Dmeter Míg. Co., Inc.
Dunlap Electronics, Inc.
General R.-F Fittings, Inc.
Haller Raymond & Brown Inc.
Hay Electric Co. General R-F Fittings, In Haller Raymond & Brow Kay Electric Co. Orbitran Co., Inc. Telectro Industries Corp. Terminal Radio Corp.

## ATTENUATORS, MICROWAVE

ATTENUATORS, MICROWAVE

Airborne Instruments Lab., Inc.
Airton, Inc.
Airton, Inc.
Applied Research Inc.
Bogart Mig. Corp.
Canoga Corp. of California
Coaxial Connector Co. Inc.
Corning Glass Works
Defiance Engrg. & Microwave Corp.
Demornay-Bonardi
Diamond Antenna & Microwave Corp.
Dittmore-Freimuth Corp.
Douglas Microwave Co., Inc.
Electron-Radar Products
Electron-Radar Products
Elektro-Serv Co.
Empire Products Sales Corp.
General Instrument Corp., Defense Products Div.
General Instrument Corp., Defense Products Div.
General R-F Fittings, Inc.
Goodyear Aircraft Corp.
Haller Raymond & Brown Inc.
Hansen Electronics Co.
J-V-M Microwave Co.
McMillan Industrial Corp.
Metavac, Inc.
Microwave Electronics Div., Sperry Gyroscope
Co. Microwave Electronics Div., Sperry Gyroscope Co. Narda Microwave Corp., The Co.
Narda Microwave Corp.,
Omega Labs., Inc.
Polarad Electronics Corp.
Radar Design Corp.
Reeves Instrument Corp.
Ryan Aeronautical Co.
Sange Laboratories, Inc.
Sanders Associates, Inc.
Technical Oil Tool Corp.
Telectro Industries Corp.
Terminal Radio Corp.
Thompson Products, Inc.
Uniwave, Inc.
Wacline, Inc.
Waveline, Inc.
Waveguide, Inc.
Waveguide, Inc.
Weinschel Engrg.

## ATTENUATORS, PRECISION

ATTENUATORS, PRECISION
Airborne Instruments Lab., Inc.
Aircom Inc.
Airton, Inc.
Canoga Corp. of California
Corning Glass Works
Daven Co., The
Defiance Engrg. & Microwave Corp.
Diamond Antenna & Microwave Corp.
Dittmore-Freimuth Corp.
Dittmore-Freimuth Corp.
Douglas Microwave Co., Inc.
Douglas Microwave Co., Inc.
Electronic Associates, Inc.
Empire Products Sales Corp.
General R.F. Fittings, Inc.
Haller Raymond & Brown Inc.
Kay Electric Co.
La Pointe Industries Inc.
Leeds & Northrup Co.
Metavac, Inc. Metavac, Inc. Microlab Microbab
Microwave Electronics Div., Sperry Gyroscope
Co.
Radar Design Corp.
Sage Laboratories, Inc.
Technical Oil Tool Corp.
Telectro Industries Corp.
Telonic Industries, Inc.
Terminal Radio Corp.
Weinschel Engrg.

## ATTENUATORS, R-F & 1-F

Airborne Instruments Lab., Inc. Aircom Inc. Airtron, Inc. Applied Research Inc. Arenberg Utrasonic Laboratory, Inc. BJ Electronics, Borg-Warner Corp. Blonder-Tongue Labs., Inc.

Canoga Corp. of California
Coaxial Connector Co. Inc.
Daven Co., The
Defiance Engrg. & Microwave Corp.
Diamond Antenna & Microwave Corp.
Elektro-Serv Co.
Empire Products Sales Corp.
Entron, Inc.
Fugle-Miller Labs Inc.
General Communication Co.
General Instrument Corp., Defense Products Div.
General R-F Fittings, Inc.
Haller Raymond & Brown Inc.
J.V-M Microwave Co.
Kay Electric Co.
Metavac, Inc.
Microlab
Radar Design Corp. Microlab Radar Design Corp. Telectro Industries Corp. Telonic Industries, Inc. Terminal Radio Corp. Uniwave, Inc. Weinschel Engrg.

## ATTITUDE

\*COOPER DEVELOPMENT CORP.
Iron Fireman Mfg. Co., Electronics Div.
Kearfott Co., Inc.
Sanders Associates, Inc.

## AUTOMATIC PILOT CONTROL **VALVES**

VALVES

CDC Control Services, Inc.
Cadillac Gage Co.
Electronics Dept., Hamilton Standard Div.,
United Aircraft Corp.
\*GARRETT CORP., THE, AIRESEARCH MFG. DIVS.
Javelin Aircraft Co. Inc.
Kearfott Co., Inc.
Lear, Inc.
Pacific Div-Bendix Aviation Corp.
Research Controls
Sanders Associates, Inc.
Servomechanisms, Inc.
\*WESTINGHOUSE ELECTRIC CORP., AIR ARM
DIV.

## AUTOMATIC PILOTS. **ELECTRONIC**

ELECTRONIC

American Research & Mfg. Corp.
Analogue Controls, Inc.
Autonetics, Div.-North American Aviation, Inc.
Dwyer Engrg. Co., Inc.
Dynavia Engrg. Corp.
Electronics Dept., Hamilton Standard Div.,
United Aircraft Corp.
Farnsworth Electronics Co., Div.-Int'l Telephone
& Telegraph Corp.
Goodyear Aircraft Corp.
Hallamore Electronics Co., Div.-Int'l Telephone
& Telegraph Corp.
Hallamore Electronics Co.,
Javelin Aircraft Corp.
Hallamore Electronics Co.,
Lear, Inc.
Librascope Inc.
Librascope Inc.
Minneapolis-Honeywell Regulator Co., Aeronautical Div.
Minneapolis-Honeywell Regulator Co., Boston
Div.
Ryan Aeronatuical Co. Minneapolis-Honeywell Regulator Co., Boston Div.
Ryan Aeronatuical Co., Sanders Associates, Inc., Sargent Engrg. Corp., Servomechanisms, Inc., Skiatron Electronics & Television Corp.
Westinghouse Electric Corp., AIR ARM DIV.

## AUTOMATIC PILOTS, HYDRAULIC

American Research & Mfg. Corp.
Autonetics, Div-North American Aviation, Inc.
CDC Control Services, Inc.
Collins Engrg. Corp.
Eclipse-Pioneer Div., Bendix Aviation Corp.
Goodyear Aircraft Corp.
Hydra-Power Corp.
Javelin Aircraft Co. Inc.
Kearfott Co., Inc.
Kelsey-Hayes Co.,
Ryan Aeronautical Co.
Sargent Engrg. Corp.
Servomechanisms, Inc. Servomechanisms, Inc.
\*WESTINGHOUSE ELECTRIC CORP., AIR ARM

## BALL LATCHES

Engineered Products Co., The O & M Machine Co., Inc.

## BASES, TRANSISTOR

Motorola Inc., Military Marketing Div. Patterson, Moos Div.-Universal Winding Co., Inc. Ray-O-Vac Co., Div.-Electric Storage Battery Co.

## BATTERIES

Carbone Corp., The Eagle-Picher Co., The

Electric Auto-Lite Co., The \*EXIDE INDUSTRIAL DIV.-THE AGE BATTERY CO. Patterson, Moss Div.-Universal Winding Co., Inc. Terminal Radio Corp. Willard Storage Battery Div.

## Atomic

Nuclear Corp. of America, Inc. Terminal Radio Corp. United States Radium Corp.

## Mercury

Magnavox Co., The P. R. Mallory & Co. Inc. Patterson, Moos Div.-Universal Winding Co., Inc. Terminal Radio Corp.

## Nickel Alkaline

Terminal Radio Corp.

## Nickel-Cadmium

Eagle-Picher Co., The
\*EXIDE INDUSTRIAL DIV.-THE ELECTRIC STORAGE BATTERY CO.
Terminal Radio Corp.

## Nuclear

Nuclear Corp. of America, Inc. Terminal Radio Corp. United States Radium Corp.

## Silver

Frank R. Cook Co. Goldsmith Brothers Smelting & Refining Co. Terminal Radio Corp. Willard Storage Battery Div.

## Silver Zinc

## Transistor

P. R. Mallory & Co. Inc. Monarch Aircraft Sales, Inc. Patterson, Moos Div-Juliversal Winding Co., Inc. Yardney Electric Corp.

## BEARINGS

BEARINGS

Barden Corp., The
Cleveland Graphite Bronze Co., Div.-Clevite
Corp.
Collins Engrg. Corp.
Dodge Mfg. Corp.
Federal Bearings Co. Inc., The
Gwilliam Co., The
Industrial Tectonics, Inc.
Joclin Mfg. Co.
Kaydon Engrg. Corp., The
Marlin-Rockwell Corp.
Miniature Precision Bearings, Inc.
Monarch Aircraft Sales, Inc.
Raway Bearing Co.
Raybestos-Manhaftan, Inc.
SKF Industries, Inc.
St. Marys Carbon Co.
Torrington Co., The
United Supply Co.

## Ball Miniature

Barden Corp., The Marlin-Rockwell Corp. Miniature Precision Bearings, Inc. Pic Design Corp., Sub-Benrus Watch Co., Inc. Raway Bearing Co. United Supply Co.

## Jewel

Richard H. Bird & Co., Inc.
General Electric Co., Apparatus Sales Div.
Hamilton Watch Co., Military Products Div.
Moser Jewel Co.
United Supply Co.

## Needle

Needle

Hamilton Watch Co., Military Products Div. Industrial Tectonics, Inc.

Moser Jewel Co.

Kaydon Engrg. Corp., The McGill Mig. Co. Inc.

Monarch Aircraft Sales, Inc.

Orange Roller Bearing Co., Inc.

Raway Bearing Co.

Roller Bearing Co. of America

Torrington Co., The

United Supply Co.

## Oiless

Orless

Amplex Div.-Chrysler Corp.
Bound Brook Oil-Less Bearing Co.

\*\*GRAPHITE METALLIZING CORP.

Walter K. Jaros, Aircrafters
Keystone Carbon Co.
Monarch Aircraft Sales, Inc.
Pic Design Corp., Sub-Benrus Watch Co., Inc.
Pic Design Corp., Sub-Benrus Watch Co., Inc.
Randall Graphite Bearings, Inc.
Raybestos-Mahnaftan, Inc.
St. Marys Carbon Co.
Southwest Products Co.
United Supply Co.

## Rod End

COA ETIA
Chain Belt Co.
Cleveland Graphite Bronze Co., Div.-Clevite
Corp.
Freeman Co., The
Industrial Tectonics, Inc.
Walter K. Jaros, Aircrafters
Marlin-Rockwell Corp.
Monarch Aircraft Sales, Inc.
Raway Bearing Co.
Southwest Products Co.
United Supply Co.

## Roller

Coller
Chain Belt Co.
Dodge Mfg. Corp.
Gwilliam Co., The
Industrial Tectonics, Inc.
Walter K. Jaros, Aircrafters
Kaydon Engrg. Corp., The
Marlin-Rockwell Corp., The
Marlin-Rockwell Corp.
Monarch Aircraft Sales, Inc.
Orange Roller Bearing Co., Inc.
Raway Bearing Co.
Roller Bearing Co. of America
Rollway Bearing Co., Inc.
SKF Industries, Inc.
Torrington Co., The
United Supply Co.

## Roller Taper

Dodge Mig. Corp.
Waiter K. Jaros. Aircrafters
Kaydon Engrg. Corp., The
Monarch Aircraft Sales, Inc.
SKF Industries, Inc.
Timken Roller Bearing Co., The
Orrington Co., The
United Supply Co.

## Self Aligning

Self Aligning

Amplex Div.-Chrysler Corp.
Barden Corp., The
Bound Brook Oil-Less Bearing Co.
Carbone Corp., The
Chain Belt Co.
Cleveland Graphite Bronze Co., Div.-Clevite
Corp.
Dodge Mfg. Corp.
Federal Bearings Co. Inc., The
\*\*FGRAPHITE METALLIZING CORP.
Industrial Tectonics, Inc.
Walter K. Jaros, Aircrafters
Kaydon Engrg. Corp., The
Keystone Carbon Co.
Monarch Aircraft Sales, Inc.,
Randall Graphite Bearings, Inc.
Raway Bearing Co.
SKF Industries, Inc.
St. Marys Carbon Co.
Southwest Products Co.
Torrington Co., The
United Supply Co.

## Special Purpose

Barden Corp., The Cleveland Graphite Bronze Co., Div.-Clevite Corp. Continental Diamond Fibre Corp., Sub.—The Corp.
Continental Diamond Fibre Corp.
Budd Co.
J. W. Fecker, Inc., Sub-American
Federal Bearings Co. Inc., The
Halax Corp.
Industrial Tectonics, Inc.
Walter K. Jaros, Aircrafters
Joclin Mfg. Co.
Kaydon Engrg Corp., The
Marin-Rockwell Corp.
Miniature Precision Bearings, Inc.
Monarch Aircraft Sales, Inc.
Ohio Carbon Co., The
Raway Bearing Co.
St. Marys Carbon Co.
Southwest Products Co.
Split Ballbearing, Div.-MPB
Technical Oil Tool Corp.
Torrington Co., The
United Supply Co.

## **BELLOWS**

Allied Plastics Supply Corp. Barton Instrument Corp. Clary Dynamics

Emerson Plastics Corp.
Enflo Corp.
Flexible Metal Hose Mfg. Co.
Glassco Instrument Co.
B. F. Goodrich Aviation Products
J. J. Monaghan Co., Inc.
Smith-Morris Corp.
Stainless Steel Products, Inc.

## BERYLLIUM

Belmont Smelting & Refining Works, Inc.
Beryllium Corp., The Chemical Co.
Bram Metallurgical & Chemical Co.
Brush Beryllium Co., The
Delta Chemical Works, Inc.
\*\*DIVERSEY ENGRG. CO.
\*\*RESEARCH ADVANCED
AYCO MFG. CORP.
Terminal Radio Corp.

## BRIDGES

Acton Laboratories Inc.
Alpha Instrument Co.
Barnes Development Co.
Boonton Radio Corp.
Dwyer Engra, Co., Inc.
Electro-Measurements Inc.
General Electric Co., Apparatus Sales
Haller Raymond & Brown Inc.
\*KAHN & CO., INC.
Leeds & Northrup Co.
Marconi Instruments
Southwestern Industrial Electronics Co.
Terminal Radio Corp. Apparatus Sales Div.

## Impedance

mpedance
Acton Laboratories Inc.
Alpha Instrument Co.
Barnes Development Co.
Bonnes Development Co.
Boonton Radio Corp.
Electro-Measurements Inc.
Industrial Instruments Inc.
Industrial Instruments Inc.
Leeds & Northrup Co.
Marconi Instruments
Narda Microwave Corp., The
Radex Corp.
Southwestern Industrial Electronics Co.
Terminal Radio Corp.

## Inductance

Acton Laboratories Inc.
Alpha Instrument Co.
Barnes Development Co.
Crescent Engrg. & Research Co.
Electro-Measurements Inc.
Haller Raymond & Brown Inc.
Leeds & Northrup Co.
Marconi Instruments
Servomechanisms, Inc.
Southwestern Industrial Electronics Co.
Terminal Radio Corp.

## Megohm

Alpha Instrument Co.
Barnes Development Co.
Barnes Development Co.
James G. Biddle Co.
Electro-Measurements Inc.
Haller Raymond & Brown Inc.
Industrial Instruments Inc.
Keithley Instruments, Inc.
Leeds & Northrup Co.
Southwestern Industrial Electronics Co.
Terminal Radio Corp.

## Resistance

Resistance

Allegheny Instrument Co., Inc.
Alpha Instrument Co.,
Barnes Development Co.
Barnes Development Co.
James G. Biddle Co.
Electro-Measurements, Inc.
Elgin Micronics, West Coast Div.-Elgin National
Watch Co.
Haller Raymond & Brown, Inc.
Industrial Instruments, Inc.
\*\*KAHN & CO., INC.
Leeds & Northrup Co.
Marconi Instruments
Minneapolis-Honeywell Regulator Co., Industrial
Div.
Southwestern Industrial Electronics Co.
Telectro Industries Corp.
United Control Corp.

## RF

Boonton Radio Corp.
Haller Raymond & Brown, Inc.
Marconi Instruments
Telectro Industries Corp.
\*TELERAD MFG. CORP.
Terminal Radio Corp.

## Self-Balancing

Barnes Development Co.
Dwyer Engrg. Co., Inc.
Haller Raymond & Brown, Inc.
Leeds & Northrup Co.
Minneapolis-Honeywell Regulator Co., Industrial Minneapoistria.
Div.
North Atlantic Industries, Inc.
Simmonds Aerocessories, Inc.
Terminal Radio Corp.
United Control Corp.

## Standing Wave

Demronay-Bonardi Haller Raymond & Brown, Inc. Terminal Radio Corp.

## Synchro

Electro-Measurements, Inc. Haller Raymond & Brown, Inc. Kearfott Co., Inc. Migneapolis-Honeywell Regulator Co., Boston Div.
Ryan Aeronautical Co.
Terminal Radio Corp.
Theta Instrument Corp.
United Control Corp.

## BRONZE

American Brake Shoe Co.
American Brass Co., The
American Non Gran Bronze Co.
Ampco Metal, Inc.
Bram Metallurgical & Chemical Co.
Bridgeport Brass Co.
Chase Brass & Copper Co., Inc.
A. Y. McDonald Mig. Co.
Olin Mathieson Chemical Corp., High Energy
Fuels Div.
True Alloys, Inc.
Springfield Brass Co.
Litan Metal Mig. Co.

## BRUSHES, MOTOR

Carbone Corp., The
Engelhard Industries Inc., D. E. Makepeace Div.
\*GRAPHITE METALLIZING CORP.
Helwig Co.
Keystone Carbon Co.
Morganite, Inc.
Ohio Carbon Co., Inc.
St. Marys Carbon Co.
Superior Carbon Products,
Superior Carbon Products,
\*WESTINGHOUSE ELECTRIC CORP.

## BUSHINGS

BUSHINGS

Acme Industrial Co.
American Brass Co., The
Ampco Metal, Inc.
Amplex Div.-Chrysler Corp.
Bearium Metals Corp.
Bearium Metals Corp.
Bergen Carbide Co.
Century Fasteners Corp.
Corbin Products Div.
R. C. Dudek & Co.
Emerson Plastics Corp.
Federal Machine Co., Inc.
General Cable Corp.
\*GRAPHITE METALLIZING CORP.
Walter K. Jaros, Aircrafters
Kemp, Inc.
Walter Lee Chemical Corp.
J. A. Maurer, Inc.
Morganite, Inc.
Pic Design Corp., Sub-Benrus Watch Co., Inc.
True Alloys Inc.
Randall Graphite Bearings, Inc.
Roberts Toledo Rubber Co., The
St. Marys Carbon Co.
Seamless Products Co., Inc.
Southwest Products Co.
Springfield Brass Co.
Superior Carbon Products, Inc.
Wrought Washer Mfg. Co.

## CALLING SYSTEMS, SELECTIVE, NAVIGATION

Bell & Gossett Co.
Burroughs Corp.
Collins Radio Co.
Feiler Engrg. & Mfg. Co.
Motorola Inc., Military Marketing Div.
Skiatron Electronics & Television Corp.
Stromberg-Carlson, Electronics Div.
Telectro Industries Corp.
Varo Mfg. Co.

## CAPACITOR SPECIALTIES **MEASUREMENT**

Aeronautical & Instrument Div., Robertshaw-Fulton Controls Co. Associated American Winding Co., Inc.

Barnes Development Co. Boonton Electronics Corp. Potter Co., The Southern Electronics Corp. Telectro Industries Corp.

## CAPACITORS

Aerovox Corp.
Airborne Accessories Corp.
Associated American Winding Co., Inc.
Axel Electronics
Balco Research Labs., Inc., Capacitor Div.
Corning Glass Works
Dearborn Electronic Laboratories
Electric Auto-Lite Co., The
Electronic Fabricators, Inc.
Electronic Fabricators, Inc.
Electronic Fabricators, Inc.
Good-All Electric Mfg. Co.
Gudeman Co., The
Lapp Insulator Co., Inc., Radio Specialties Div.
Leeds & Northrup Co.
Minitronics Corp.
Mucon Corp.
Onondaga Pottery Co., Electronics Div.
Plastic Capacitors, Inc.
Potter Co., The
Sangamo Electric Co.
Southern Electronics Corp.
Telectro Industries Corp.
Terminal Radio Corp.
Terminal Radio Corp.
Texas Capacitor Co.
Tobe Deutschmann Corp.
United Electronics Co.

## Ceramic

Ceramic

Aerovox Corp.
American Lava Corp.
Associated American Winding Co., Inc.
Bendix Products Div., Bendix Aviation Corp.
Brubaker Electronics, Inc., Sub.—Telecomputing
Corp.
Electra Mfg. Co.
Electric Auto-Lite Co., The
Eric Resistor Corp.
John E. Fast & Co.
General Instrument Corp., Defense Products Div.
Good-All Electric Mfg. Co.
Gulton Industries, Inc.
P. R. Mallory & Co. Inc.
Mucon Corp.
Onondaga Pottery Co., Electronics Div.
Radio Industries, Inc.
Terminal Radio Corp.
Western Gold & Platinum

## Ceramic Trimmer

Aerovox Corp.
American Lava Corp.
Corning Glass Works
Erie Resistor Corp.
General Instrument Corp., Defense Products Div,
Terminal Radio Corp.

## Composition

Aerovox Corp.
General Instrument Corp., Defense Products Div.
P. R. Mallory & Co. Inc.
Potter Co., The
Telectro Industries Corp.
Terminal Radio Corp.
Texas Capacitor Co.

## Decade

Aerovox Corp.
Balco Research Labs., Inc., Capacitor Div.
Balco Research Labs., Inc., Capacitor Div.
Barnes Development Co.
Electro-Measurements Inc.
Gudeman Co., The
Industrial Instruments Inc.
Leeds & Northup Co.
Plastic Capacitors, Inc.
Potter Co., The
Southern Electronics Corp.
Terminal Radio Corp.
Terminal Radio Corp.
Texas Capacitor Co.

## Electrolytic

Electrolytic

Aerovox Corp.
Electro-Capacitors Co., Inc.
Fansteel Metallurgical Corp.
General Electric Co., Apparatus Sales Div.
General Electric Mfg. Co.
Good-All Electric Mfg. Co.
Gudeman Co., The
Kennametal Inc.
Magnavox Co., The
P. R. Mallory & Co. Inc.
Minintenics Corp.
Minintenics Corp.
Minneapolis-Honeywell Regulator Co., Boston Div.
Sangamo Electric Co.
Terminal Radio Corp.
Texas Capacitor Co.

## Feed-Through

Aerovox Corp.
Airborne Accessories Corp.

Axel Electronics
Brubaker Electronics, Inc., Sub.—Telecomputing
Corp.
Dearborn Electronic Laboratories
Erie Resistor Corp.
John E. Fast & Co.
Filtron Co., Inc.
Gudeman Co., The
Hallett Mfg. Co.
Potter Co., The
Radio Industries, Inc.
Terminal Radio Corp.
Tobe Deutschmann Corp.
Vitramon, Inc.

## Fixed

Aerovox Corp.
Airborne Accessories Corp.
Airborne Accessories Corp.
Associated American Winding Co., Inc.
Associated Electronics, Inc., Sub.—Telecomputing Corp.
Dearborn Electronic Laboratories
Electronic Fabricators, Inc.
Erie Resistor Corp.
John E. Fast & Co.
Filtron Co., Inc.
General Electric Co., Apparatus Sales Div.
General Electric Co., Apparatus Sales Div.
General Electric Mfg. Co.
Gudeman Co., The
Lapp Insulator Co., Inc., Radio Specialties Div.
P. R. Mallory & Co. Inc.
Mucon Corp.
Plastic Capacitors, Inc.
Potter Co., The
Radio Industries, Inc.
Southern Electronics Corp.
Terminal Radio Corp.
Terminal Radio Corp.
Terminal Radio Corp.
Tersas Capacitor Co.
Tobe Deutschmann Corp.
United Electronics Co.
Vitramon, Inc.

## Gas-Filled

Terminal Radio Corp.

## Glass

Corning Glass Works Plastic Capacitors, Inc. Potter Co., The Terminal Radio Corp. Texas Capacitor Co. Vitramon, Inc.

## Hermetically Sealed

Aerovox Corp.
Airborne Accessories Corp.
Axel Electronics
Brubaker Electronics, Inc., Capacitor Div.
Brubaker Electronics, Inc., Sub.—Telecomputing Balco Research Labs., Inc., Capacitor Div.
Brubaker Electronics, Inc., Sub.—Telecomputing
Corp.
Corp.
Corning Glass Works
Dearborn Electronic Laboratories
Electronic Fabricators, Inc.
Fansteel Metallurgical Corp.
John E. Fast & Co.
Filtron Co., Inc.
Finter Co., Inc.
Fox Co.
General Electric Co., Apparatus Sales Div.
General Instrument Corp., Defense Products Div.
Geod-All Electric Mig. Co.
Gudeman Co., The
Minitronics Corp.
Plastic Capacitors, Inc.
Potter Co., The
Sangamo Electric Co.
Scintilla Div., Bendix
Southlern Electronics Corp.
Telectro Industries Corp.
Terminal Radio Corp.
Terminal Radio Corp.
Texas Capacitor Co.
Tobe Deutschmann Corp.
Vitramon, Inc.

## High Temperature

Aerovax Corp.
Airborne Accessories Corp.
Associated American Winding Co., Inc.
Axel Electronics
Balco Research Labs., Inc., Capacitor Div.
Brubaker Electronics, Inc., Sub.—Telecomputing Brubaker Electronics, Inc., Sub.—Telecomputing Corp.
Dearborn Electronic Laboratories
Electronic Fabricators, Inc.
Erie Resistor Corp.
Fansteel Metallurgical Corp.
John E. Fast & Co.
Filtron Co., Inc.
General Instrument Corp., Defense Products Div.
Good-All Electric Mg. Co.
Gudeman Co., The
Mucon Corp.
Plastic Capacitors, Inc.
Potter Co.
Scinfilla Div., Bendix Aviation Corp.
Scinfilla Div., Bendix Aviation Corp.
Servomechanisms, Inc.
Southern Electriconics Corp.
Terminal Radio Corp.
Terminal Radio Corp.
Terms Capacitor Co. Tobe Deutschmann Corp. United Electronics Co. Vitramon, Inc.

## High Voltage

11gn Yollage

AMP Inc.
Aerovox Corp.
Airborne Accessories Corp.
Associated American Winding Co., Inc.
Axel Electronics
Balco Research Labs., Inc., Capacitor Div.
Brubaker Electronics, Inc., Sub.—Telecomputing Baico Research Labs., Inc., Capacitio Div.
Brubaker Electronics, Inc., Sub-Telecomputing
Corp.
Dearborn Electronic Laboratories
Electra Mfg. Co.
Erie Resistor Corp.
John E. Fast & Co.
Filtron Co., Inc.,
General Electric Co., Apparatus Sales Div.
Gudeman Co., The
Hammett Electric Co., Inc., Radio Specialties Div.
Plastic Capacitors, Inc.
Potter Co., The
Radio Industries, Inc.
Sangamo Electric Co.
Scinitilla Div., Bendix Aviation Corp.
Southern Electronics Corp.
Terminal Radio Corp.
Texas Capacitor Co.
Tobe Deutschmann Corp.
United Electronics Co.

## Industrial

ndustrial

Aerovox Corp.
Airborne Accessories Corp.
Axel Electronics
Brubaker Electronics, Inc., Sub.—Telecomputing
Corp.
Dearborn Electronic Laboratories
Erie Resistor Corp.
John E. Fast & Co.
Filtron Co., Inc.
Gudeman Co., The
P. R. Mallory & Co. Inc.
Plastic Capacitors, Inc.
Potter Co. The
Sangamo Electric Co.
Sarkes Tarzien, Inc.
Southern Electronics Corp.
Toeb Deutschmann Corp.
Toeb Deutschmann Corp.
Toeb Deutschmann Corp.
\*WESTINGHOUSE ELECTRIC CORP.

Aerovox Corp.
Bram Metallurgical & Chemical Co.
Corning Glass Works
Erie Resistor Corp.
General Instrument Corp., Defense Products Div.
Leeds & Northrup Co.
Sangamo Electric Co.
Terminal Radio Corp.
Texas Capacitor Co.

## Miniature

Miniature

Aerovox Corp.
Airborne Accessories Corp.
Axvel Electronics
Balco Research Labs., Inc., Capacitor Div.
Brubaker Electronics, Inc., Sub.—Telecomputing
Corp.
Corp.
Corning Glass Works
Dearborn Electronic Laboratories
Electra Mfg. Co.
Electronic Fabricators, Inc.
Electronic Fabricators, Inc.
Erie Resistor Corp.
Fansteel Metallurgical Corp.
John E. Fast & Co.
Filtron Co., Inc.
General Electric Co., Apparatus Sales Div.
General Instrument Corp., Defense Products Div.
Good-All Electric Mfg. Co.
Gudeman Co., The
E. F. Johnson Co.
P. R. Mallory & Co. Inc.
McCoy Electronics Co.
Mucon Corp.
Plastic Capacitors, Inc.
Potter Co. The
Sangamo Electric Co.
Scintilla Div., Bendix Aviation Corp.
Servomechanisms, Inc.
Southern Electronics Corp.
Terminal Radio Corp.
Tobe Deutschmann Corp.
Vitramon, Inc.

Modulated Sweep

## Modulated Sweep

Terminal Radio Corp. Wacline, Inc.

## Mylar Dielectric

Aerovox Corp.
Airborne Accessories Corp.
Alilod Plastics Supply Corp.
Associated American Winding Co., Inc.
Axel Electronics
Balco Research Labs., Inc., Capacitor Div.
Dearborn Electronic Laboratories
Electronic Fabricators, Inc.

John E. Fast & Co.
Filtron Co., Inc.
General Instrument Corp., Defense Products Div.
Good-All Electric Mfg. Co.
Gudeman Co., The
Lenkurt Electric Co., Inc.
Plastic Capacitors, Inc.
Potter Co., The
Sangamo Electric Co.
Southern Electronics Corp.
Texas Capacitor Co.
Tobe Deutschmann Corp.
Westlake Plastics, CrystalX Corp.

## Neutralizing

General Instrument Corp., Defense Products Div. E. F. Johnson Co. Mucon Corp. Tobe Deutschmann Corp.

## Oil

Aerovox Corp.

Axel Electronics
Dearborn Electronic Laboratories
John E., Fast & Co.
Filtron Co., Inc.
General Electric Co., Apparatus Sales Div.
General Instrument Corp., Defense Products Div.
Good-All Electric Mfg. Co.
Gudeman Co., The
Lenkurt Electric Co., Inc.
P. R. Mallory & Co., Inc.
Minneapolis-Honeywell Regulator Co., Boston
Div. Minneapolis-Honeywell Div.
Plastic Capacitors, Inc.
Sangamo Electric Co.
Texas Capacitor Co.
Tobe Deutschmann Corp.

## Paper

Aerovo Corp.

Aerovo Corp.

Associated American Winding Co., Inc.

Dearborn Electronic Laboratories

John E. Fast & Co.

Filtron Co., Inc.

General Instrument Corp., Defense Products Div.

Good-All Electric Co., Apparatus Sales Div.

Godeman Co., The

Lenkurt Electric Co., Inc.

P. R. Mallory & Co. Inc.

Plastic Capacitors, Inc.

Potter Co., The

Sangamo Electric Co.

Pefer J. Schweitzer, Inc.

Toes Deurschmann Corp.

## Piston

General Instrument Corp., Defense Products Div.

## Plastic

Plastic
Aerovox Corp.
Allied Plastics Supply Corp.
Aristocrat Plastics, Inc.
Axel Electronics
Balco Research Labs., Inc., Capacitor Div.
Dearborn Electronic Laboratories
Electric Auto-Lite Co., The
John E. Fast & Co.
Filtron Co., Inc.
Franklin Fibre-Lamitex Corp.
General Instrument Corp., Defense Products Div.
Good-All Electric Mfg. Co.
Gudeman Co., The
Plastic Capacitors, Inc.
Potter Co., The
Sangamo Electric Co.
Southern Electronics Corp.
Texas Capacitor Co.
Tobe Deutschmann Corp.
Westlake Plastics, CrystalX Corp.

Plastic Dielectric
Aerovox Corp.
Aerovox Corp.
Axel Electronics Supply Corp.
Axel Electronics Balco Research Labs., Inc., Capacitor Div.
Dearborn Electronic Laboratories
Electro-Measurements Inc.
Electronic Fabricators, Inc.
Electronic Fabricators, Inc.
Erie Resistor Corp.
John E. Fast & Co.
Fittron Co., Inc.
Franklin Fibre-Lamitex Corp.
Good-All Electric Mfg. Co.
Gudeman Co., The
Lenkurt Electric Co., Inc.
Plastic Capacitors, Inc.
Potter Co., The
Southern Electronics Corp.
Tewas Capacitor Co.
Tobe Deutschmann Corp.
Westlake Plastics, CrystalX Corp. Plastic Dielectric

## Plug-In

Aerovox Corp.
Balco Research Labs., Inc., Capacitor Div.
General Instrument Corp., Defense Products Div.
Good-All Electric Mfg Co.

Gudeman Co., The Plastic Capacitors, Inc. Radio Industries, Inc. Sangamo Electric Co. Southern Electronics Corp. Texas Capacitor Co. Tobe Deutschmann Corp.

## Polystryene Insulated

Polystryene Insulated
Aerovox Corp.
Airborne Accessories Corp.
Allied Plastic Supply Corp.
Allied Plastic Supply Corp.
Allied Plastic Supply Corp.
Balco Research Labs. Inc., Capac
Dearborn Electronic Laboratories
Electronic Fabricators, Inc.
John E. Fast & Co.
Filtron Co., Inc.
Franklin Fibre-Lamitex Corp.
Good-All Electric Mfg. Co.
Gudeman Co., The
Lenkurf Electric Co., Inc.
Plastic Capacitors, Inc.
Potter Co., The
Sangamo Electric Co.
Southern Electronics Corp.
Jevas Capacitor Co.
Tobe Deutschmann Corp.
Westlake Plastics, CrystalX Corp. Capacitor Div.

## Porcelain

Aerovox Corp.
American Lava Corp.
General Instrument Corp., Defense Products Div.
Plastic Capacitors, Inc.
Potter Co., The
Vitramon, Inc.

## Precision

Aerovox Corp.
Airborne Accessories Corp.
Associated American Winding Co., Inc.
Balco Research Labs., Inc., Capacitor Div.
Brubaker Electronics, Inc., Sub-Telecomputing Brubaker Electronics, Inc., Sub-Telecomputing Corp.
Dearborn Electronic Laboratories
Electronic Fabricators, Inc.
Electronic Fabricators, Inc.
Erie Resistor Corp.
General Instrument Corp., Defense Products Div.
Good-All Electric Mfg. Co.
Gudeman Co., The
Leeds & Northrup Co.
Lenkurt Electric Co., Inc.
Plastic Capacitors, Inc.
Potter Co., The
Sangamo Electric Co.,
Southern Electronics Corp.
Texas Capacitor Co.
Tobe Deutschmann Corp.
United Electronics Co.

## Pressure Types

General Instrument Corp., Defense Products Div. Southern Electronics Corp.

## Printed Circuit

Aerovox Corp.
Allied Plastics Supply Corp.
Brubaker Electronics, Inc., Capacitor Div.
Brubaker Electronics, Inc., Sub-Telecomputing Batco Research Labs., Inc., Capacitor Div. Brubaker Electronics, Inc., Sub-Telecomputing Corp. Electra Mrg. Co., Eric Resistor Corp. John E. Fast & Co., General Cement Mrg. Co., Div.-Textron Inc., General Instrument Corp., Defense Products Div. Good-All Electric Mrg. Co., General Co., The P. R. Mallory & Co. Inc. Plastic Capacitors, Inc., Potter Co. The Radio Industries, Inc., Sangamo Electric Co., Southern Electronics Corp. Texas Capacitor Co., Tobe Deutschmann Corp., Vitramon, Inc.

## Receiver Tuning

Associated American Winding Co., Inc.
General Instrument Corp., Defense Products Div.
McCoy Electronics Co.
Sarkes Tarzian, Inc.
Texas Capacitor Co.

## Silicone-Filled

Aerovox Corp.
Allied Plastics Supply Corp.
Axel Electronics
Brubaker Electronics, Inc., Sub-Telecomputing Brubaker
Corp.
Corp.
Dearborn Electronic Laboratories
Filtron Co., Inc.
General Instrument Corp., Defense Products Div.
Gudeman Co., The Minneapolis-Honeywell Regulator Co., Boston Div.
Potter Co., The
Sangamo Electric Co.
Tobe Deutschmann Corp.

## Silvered Mica

Aerovox Corp.
Balco Research Labs., Inc., Capacitor Div.
Erie Resistor Corp.
Filmohm Corp.
General Instrument Corp., Defense Products Div.
Leeds & Northrup Co.
Sangamo Electric Co.

## Standard

Aerovox Corp. Airborne Accessories Corp. Bronton Electronics Corp. Brubaker Electronics, Inc., Sub-Telecomputing Brubaker Electronics, Inc., Sub-letecomputing Corp.
General Electric Co., Apparatus Sales Div.
General Instrument Corp., Defense Products Div.
Good-All Electric Mfg.
Leads & Northrup Co.
Sangamo Electric Co.
Southern Electronics Corp.
Telectro Industries Corp.

## Tantalum

Aerovox Corp.

Bram Metallurgical & Chemical Co.
Fansteel Metallurgical Corp.
General Electric Co., Apparatus Sales Div.
General Instrument Corp., Defense Products Div.
Gudeman Co., The
Kennametal Inc.
P. R. Mallory & Co. Inc.
Minitronics Corp.
\*SCHWEBER ELECTRONICS

## Teflon, Dielectric

Tetlon, Dielectric

Aerovox Corp.
Airborne Accessories Corp.
Allied Plastics Supply Corp.
Associated American Winding Co., Inc.
Avel Electronics
Balco Research Labs., Inc., Capacitor Div.
Dearborn Electronic Laboratories
Duroyd Gasket Mfg. Co.
Electronic Fabricators, Inc.
Filtron Co., Inc.
General Instrument Corp., Defense Products Div.
Good-All Electric Mfg. Co.
Plastic Capacitors, Inc.
Potter Co. The
Southern Electronics Corp.
Texas Capacitor Co.
Tobe Deutschmann Corp.

## Temperature Compensated

Balco Research Labs., Inc., Capacitor Div. Brubaker Electronics Inc., Sub-Telecomputing Corp.
Dearborn Electronic Laboratories Dearborn Electronic Laboratories
Electra Mfg. Co.
Erie Resistor Corp.
General Instrument Corp., Defense Products Div.
Mucon Corp.
Onondaga Pottery Co., Electronics Div.
Plastic Capacitors, Inc.
Potter Co., The
Radio Industries, Inc.
Southern Electronics Corp.
Texas Capacitor Co.
Tobe Deutschmann Corp.

## Transmitter Tuning

Associated American Winding Co., Inc. General Instrument Corp., Defense Products Div. E. F. Johnson Co. United Electronics Co. Vacap Corp.

## Transmitting

Aerovox Corp.
Associated American Winding Co., Inc.
Corning Glass Works
Dolinko & Wilkens, Inc.
John E. Fast & Co.
General Instrument Corp., Defense Products Div.
Sangamo Electric Co.
United Electronics Co.
Vacap Corp.

## Vacuum Types

Aerovox Corp., Dolinko & Wilkens, Inc., Beneral Instrument Corp., Defense Products Div. John Gombos Co., Inc., United Electronics Co., Vacap Corp.

## Variable

Associated American Winding Co., In Balco Research Labs., Inc., Capacitor Don-Lan Electronics Co. Eria Resistor Corp. Inc. General Instrument Corp., Defense Products Div.
John Gombos Co., Inc.
Hughes Products, Hughes Aircraft Co., Semiconductor Div.
E. F. Johnson Co.
Lapp Insulator Co., Inc., Radio Specialties Div.
McCoy Electronics Co.
Potter Co., The
Sarkes Tarzian, Inc.
Southern Electronics Corp.
Telectro Industries Corp.
United Electronics Co.
Vacap Corp.

## CARTRIDGES, CRYSTAL

Magnavox Co., The Shure Brothers, Inc. Telectro Industries Corp.

## CASINGS

ACF Industries, Inc., Advanced Products Div.
Continental Diamond Fibre Corp., Sub—
The Budd Co.
Pacific Alloy Engr. Corp.
Ryan Aeronautical Co.

## CHROMATOGRAPHS

Consolidated Electrodynamics Corp. Leeds & Northrup Co. Southwestern Industrial Electronics Co.

## **CHRONOGRAPHS**

Electro-Medical Lab., Inc., Hamilton Watch Co., Military Products Div. Optomechanisms Inc., Science House, Inc., Technical Oil Tool Corp., Wakmann Watch Co., Inc.

## CHRONOMETERS

Consolidated Avionics Corp.
Elgin National Watch Co.
Hamilton Watch Co., Military Products Div.
Technical Oil Tool Corp.
Wakmann Watch Co. Inc.

## **CHRONOSCOPES**

Hamilton Watch Co., Military Products Div. Optomechanisms Inc. Telectro Industries Corp.

## CIRCUITS, COMPUTER LOGIC

CIRCUITS, COMPUTER LOGIC

\*AC SPARK PLUG DIV., GENERAL MOTOR CORP.
Autonetics, Div.-North American Aviation, Inc.
Bendix Aviation Corp., York Div.
Burroughs Corp.
Chicago Div. American Bosch Arma Corp.
Computer Control Co., Inc.
Dale Products, Inc.
Dale Products, Inc.
Dunlap Electronics Inc,
Eaton Electronic Corp.
Electronic Associates, Inc.
Electronic Hong.
Condition Computer Corp.
Haller Raymond & Brown Inc.
Hoove Electronics Corp.
Librascope Inc.
Precision Circuits, Inc.
Reeves Instrument Corp.
Skiatron Electronics Corp.
Skiatron Electronics Corp.
Technicuss, Inc.
Receves Instrument Corp. Techniques, Inc.
Telectro Industries Corp.
Tingstol Co.
Walkirt Co.

## CIRCUITS, PLATED

Advance Industries, Inc.
Arthur Ansley Mfg. Co.
Burroughs Corp.
Dale Products, Inc.
Dwyer Engrg. Co., Inc.
Dwyer Engrg. Co., Inc.
Electronics Corp.
Electronics Dept., Hamilton Standard Div., United
Aircraft Corp.
General Precision Lab. Inc.
Haller Raymond & Brown Inc.
Haller Raymond & Brown Inc.
Haller Raymond bear of the Co.
La Pointe Industries Inc.
Litton Industries, Components Div.
Mycalex Corp. of America
Precision Circuits, Inc.
Printed Electronics Corp.
Skiatron Electronics & Television Corp.
Star Engraving Co., Ltd.
Techniques, Inc.
Tingstol Co.

## CIRCUITS, PLUG-IN

Advance Industries, Inc. Alden Products Co. Arthur Ansley Mfg. Co. Autonetics, Div.-North American Aviation, Inc. BJ Electronics, Borg-Warner Corp. Baird-Atomic, Inc.

Bendix Aviation Corp., York Div.
Burroughs Corp.
Cleveland Metal Specialties Co.
Dale Products, Inc.
Dunlap Electronics, Inc.
Dwyer Engra, Co., Inc.
Electronics Gorp.
Electronics Gorp.
Electronics Dept., Hamilton Standard
United Aircraft Corp.
Electronics Dept., Hamilton Standard
United Aircraft Corp.
Haller Raymond & Brown Inc.
Hammeth Electric Loc.
General Railway Signal Co.
Goodyear Aircraft Corp.
Haller Raymond & Brown Inc.
Hammeth Electric Loc.
International Electric Industries, Inc.
Kilgen Aircraft Div.-The Kilgen Organ Co.
La Pointe Industries Inc.
Librascope Inc.
Litton Industries Components Div.
Lytle Engrg, & Mfg. Co.
NYT Electronics, Inc.
Onondaga Pottery Co., Electronics Div.
Precision Circuits, Inc.
Printed Electronics Corp.
Reeves Instrument Corp.
Ryan Aeronautical Co.
Skiatron Electronics & Television Corp.
Southwestern Industries Electronics Co.
Star Engraving Co., Ltd.
Stromberg-Carlson, Electronics Div.
Sylvania Electronics Systems, Div.-Sylvania Electronics Corp.
Tingstol Co.
Topper Mfg. Co., Inc.
Walkirt Co.

CIRCUITS-PRINTED. STAMPED.

CLIPS, CRYSTAL DIODE

Aerolite Electronics Corp.
Anatom Electronics Corp.
Anatom Electronics Corp.
Augat Brothers, Inc.
Keystone Electronics Corp.
Avondale Co., The
Braditronics Corp.
Avondale Co., Inc.
Breadro Components, Inc.
Dwyer Engra, Co., Inc.
Electronics Dept., Hamilton Standard
United Aircraft Corp.
General Cement Mfg. Co., Div.-Textron Inc.
Br. F. Goodrich Industrial Products Co.

\*\*IDEAL CHEMICAL PRODUCTS, INC.
Krylon, Inc.,
Narmoc Resins & Coatings Co.
Ryan Aeronautical Co.
Skiatron Electronics Corp.
Avandale Co., The
Braditronics Corp.
Aratom Electronics Corp.
Aproach Corp.
Aproach Residents, Inc.
Condition Brothers, Inc.
Electronics Corp.
Another Electronics Corp.
Aratom Hillon Standard
Div.,
COATINGS, PRINTED CIRCUIT

Avondale Co., Inc.
Mayor Electronics Corp.
Avondale Co., Inc.
Mayor Electronics Corp.
Aratom Electronics Corp.
Avandale Co., Inc.
Condition Brothers, Inc.
Revista Electronics Corp.
Avondale Co., Inc.
Avondale Co., Inc.
Recistronic

## CIRCUITS-PRINTED, STAMPED, **ETCHED**

CIRCUITS-PRINTED, STAMPED,
ETCHED

Advance Industries, Inc.
Acrovox Corp.
Aliad Plastics Supply Corp.
Aliad Plastics Supply Corp.
Arbur Ansley Mig. Co.
Autonetics, Div. North American Aviation, Inc.
Bl Electronics, Borg-Warner Corp.
Bandix Aviation Corp., York Div.
Burrough Metal Specialties Co.
Consolidated Electrodynamics Corp.
Corning Glass Works
Dale Ing.
Dale Electronics, Inc.
Davyer Engr. Co., Inc.
Electronic Associates, Inc.
Electronic Techniques, Inc.
Electronic Corp.
Ethed Products Corp.
Ethed Products Corp.
Ethed Products Corp.
Ethed Products Corp.
Haller Reymond & Brown Inc.
Hammett Electric Co.
Hansen Electronics Co.
Hover Electronics Co.
Mica Corp.
Milmanco
Mineapolis-Honeywell Regulator Co., Aeromaulical Div.
Mycalex Corp. of America
Naz-Dar Co.
Photocicuits Corp.
Precision Circuits, Inc.
Printed Electronics Surgenson Corp.
Ryan Aeronautical Co.
Siar Engraving Co., Ltd.
Stavid Engrg., Inc.
Stiarton Electronics & Television Corp.
Star Engraving Co., Ltd.
Stavid Engrg., Inc.
Stiarton Electronics Systems, Div. Sylvania Electronic Systems, Div., Sylvania Electronic Corp.
Techniques, Inc.
Techniques, Inc.
Techniques, Inc.
Techniques, Inc.
Telectron Industries Corp.
Tingstol Co.
Topper Mig. Co., Inc.
Zenith Optical Laboratory

CLINOMETERS

## **CLINOMETERS**

Optomechanisms Inc. Telectro Industries Corp.

## CLIPS, ALLIGATOR

Aerolite Electronics Corp.
Amatom Electronic Hardware Co. Inc.
Birnbach Radio Co., Inc.
Federal Screw Products Inc.
General Cement Mfg. Co., Div.-Textron Inc.
Mueller Electric Co.

Avondale Co., The Bradford Components, Inc.
Dwyer Engra. Co., Inc.
Electronics Dept., Hamilton Standard Div.,
United Aircraft Corp.
General Cement Mig. Co., Div.-Textron Inc.
B. F. Goodrich Industrial Products Co.
\*\*IDEAL CHEMICAL PRODUCTS, INC.
Krylon, Inc.
Narmco Resins & Coatings Co.
Ryan Aeronautical Co.
Telectro Industries Corp.
Topper Mig. Co., Inc.
Zenith Optical Laboratory

A. P. W. Co.
A. Ce Coil & Electronics Co.
Advanced Electronics, Inc.
Aerolite Electronics Corp.
American Research & Mfg. Corp.
Atlas Resistor Co.
Bendix Aviation Corp., York Div.
Caddell-Burns Mfg. Co. Inc.
Celco-Constantine Engrg. Laboratories Co.
Dittmore-Freimuth Corp.
First Electronics Corp. The
Franklin Fibre-Lamitex Corp.
General Instrument Corp., Defense Products Div.
General Railway Signal Co.
Goslin Electric & Mfg. Co.
Gray & Kuhn Inc.
Lenkurt Electric Co., Inc.
Lumen, Inc.
Mar Vista Engrg. Co.
National Coil Co.
Philco Corp., Geovernment & Industrial Divs.
Precision, Inc.
Ram Electronics Inc.
Rowe Industries
Sealectric Switch & Relay Corp.
Standard Electronics Corp.
Sylvania Electronic Systems, Div.-Sylvania Electric Co., Inc.
Tele-Coil Co.
Tele-Coil Co.
Tele-Coil Co.
Telectro Industries Corp.
Topper Mfg. Co., Inc.
Tri-dex Co.
Tri-dex Co.
Tucson Instrument Corp.
Vanguard Electronics Co.
Varon Mfg. Co.
Winstic Corp., The
Wright Zimmerman, Inc.

## COILS

COILS

A. P. W. Co.
Ace Coil & Electronics Co.
Advance Industries, Inc.
Aerolite Electronics Corp.
Aladdin Electronics Div.-Aladdin Industries, Inc.
American Research & Mfg. Corp.
Associated American Winding Co., Inc.
Caddell-Burns Mfg. Co., Inc.
Carad Corp.
Celco-Constantine Engrg. Laboratories Co.
Electric Auto-Lite Co., The
Electro Engrg. Works
Electronic Transformer Corp., Defense Products Div.
General Instrument Corp., Defense Products Div.
General Railway Signal Co.
Goslin Electric & Mfg. Co.
Gray & Kuhn Inc.
Highland Engrg. Co.
Johnson Electronics Inc.
XKAHN & CO., INC.
Lumen, Inc.
Mara Electronics, Inc.
J. W. Miller Co.
J. J. Monaghan Co., Inc.
Munston Mfg. & Service, Inc.
NYT Electronics, Inc.
National Coil Co.
North Hills Electric Co., Inc.
Philico Corp., Government & Industrial Divs.
Ram Electronics Inc.
Servomechanisms, Inc.
Servomech

## A-F Choke

A-F Choke

Aerolite Electronics Corp.
Associated American Winding Co., Inc.
Burnell & Co., Inc.
Carad Corp.
Celco-Constantine Engrg. Laboratories Co.
Central Transformer Co.
De Coursey Engrg. Lab.
Electro Engrg. Works
Electronic Transformer Co., Inc.
Ferranti Electric Inc.
General Instrument Corp., Defense Products Div.
Goslin Electric & Mfg. Co.
Highland Engrg. Co.
Johnson Electrics, Inc.
Mara Electronics, Inc.
Modelectric Products Corp.
J. J. Monaghan Co., Inc.
NyT Electronics, Inc.
NyT Electronics, Inc.
NyT Electronics, Inc.
North Hills Electric Co., Inc.
Ortho Filter Corp.
Ram Electronics Inc.
Standard Electronics Div., Radio Engrg. Labs.
Inc.
Standard Electronics Div., Radio Engrg. Labs.
Sterling Transformer Corp. Standard Electronics Div., Radio Engrg. Labs.
Inc.
Sterling Transformer Corp.
Superex Electronics Corp.
Superex Electronics Corp.
Sylvania Electronic Systems, Div.-Sylvania Electronic Products Inc.
Tele-Coil Co.
Telectro Industries Corp.
Tresco, Inc.
Triad Transformer Corp.
United Transformer Corp.
Varo Mfg. Co.
Warren Transformer Co., Inc.

## Choke

Choke

A. P. W. Co.
Aerolite Electronics Corp.
Aladdin Electronics, Div.-Aladdin Industries Inc.
American Research & Mfg. Corp.
Associated American Winding Co., Inc.
Bradford Components, Inc.
Carad Corp.
Celco-Constantine Engrg. Laboratories Co.
Cycle Transformer Co.
Cycle Transformer Co.
De Coursey Engrg. Lab.
Electrical Windings, Inc.
Electro Engrg. Works
Electronic Transformer Co., Inc.
Ferranti Electric Inc.
Ferranti Electric Inc.
Ceneral Instrument Corp., Defense Products Div.
Goslin Electric & Mfg. Co.
Gray & Kuhn Inc.
Highland Engrg. Co.
Hindle Transformer Co. Inc.
J. W. Miller Co.
Modelectric Products Corp.
J. J. Monaghan Co., Inc.
NYT Electronics, Inc.
NYT Electronics, Inc.
NYT Electronics, Inc.
Nothon Mig. & Service, Inc.
NYT Electronics Inc.
Sioux Radio Products
Standard Electronics Div., Radio Engrg. Labs.
Inc.
Sylvania Electronic Systems, Div.-Sylvania Electric Foducts Inc.
Lic. Products Inc.
Sylvania Electronic Systems, Div.-Sylvania Standard Electronics Div., Radio Engrg. Lebs.
Inc.
Inc.
Sylvania Electronic Systems, Div.-Sylvania Electric Products Inc.
Tele-Coil Co.,
Telectro Industries Corp.
Transonic, Inc.
United Transformer Corp.
Vanguard Electronics Co.
Varo Mfg. Co.
Varo Mfg. Co.
Warren Transformer Co., Inc.
Wilmar Mfg. Co., Inc.

## Booster

Aerolite Electronics Corp.
Associated American Winding Co., Inc.
Central Transformer Co.
General Instrument Corp., Defense Products Div.
Goslin Electric & Mfg. Co.
Johnson Electronics Inc.
J. J. Monaghan Co., Inc.
Munston Mfg. & Service, Inc.
NYT Electronics, Inc.
Standard Electronics Div., Radio Engrg. Labs.
Inc. Standard Electronics Div., Ra Inc. Telectro Industries Corp. Transonic, Inc. United Transformer Corp. Varo Mfg. Co. Warren Transformer Co., Inc.

## Filter Choke

Areolite Electronics Corp.
American Research & Mfg. Corp.
Associated American Winding Co., Inc.
Bradford Components, Inc.
Bradford Components, Inc.
Carad Corp.
Celco-Constantine Engrg. Laboratories Co.
Central Transformer Co.
Cycle Transformer Corp.

De Coursey Engrg. Lab.
Electrical Windings, Inc.
Electro Engrg. Works
Electrone Transformer Co., Inc.
Ferranti Electric Inc.
General Instrument Corp., Defense Products Div.
Goslin Electric & Mfg. Co.
Highland Engrg. Co.
Highland Engrg. Co.
Hindle Transformer Co. Inc.
Johnson Electronics Inc.
Lenkurt Electric Co., Inc.
Mara Electronics, Inc.
J. W. Miller Co.
Modelectric Products Corp.
J. J. Monaghan Co., Inc.
Nutston Mfg. & Service Inc.
NYT Electronics, Inc.
National Coil Co.
Ortho Filter Corp.
RS Electronics Corp.
RS Electronics Corp.
Sioux Radio Products
Standard Electronics Inc.
Sioux Radio Products
Standard Electronics Inc.
Inc.
Sterling Transformer Corp. Standard Electronics Inc.
Inc.
Sterling Transformer Corp.
Tele-Coil Co.
Transonic, Inc.
Tresco, Inc.
United Transformer Corp.
Varo Mig. Co.
Warren Transformer Co., Inc.
Wilmar Mig. Co., Inc.

Ace Coil & Electronics Co.
Aerolite Electronics Corp.
Aladdin Electronics Div.-Aladdin Industries Inc.
Associated American Winding Co., Inc.
Bradford Components, Inc.
Bradford Components, Inc.
Bradford Components, Inc.
Caddell-Burns Mrg. Co. Inc.
Caddell-Burns Mrg. Co. Inc.
Carad Corp.
Eugle-Miller Labs Inc.
General Instrument Corp., Defense Products Div.
Gosilin Electric & Mrg. Co.
Gray & Kuhn Inc.
Johnson Electronics Inc.
J. W. Miller Co.
Modelectric Products Corp.
J. J. Monaghan Co., Inc.
NTT Electronics, Inc.
NTT Electronics, Inc.
Noth Hills Electric Co., Inc.
Philoc Corp., Government & Industrial Divs.
Ram Electronics Corp.
Sioux Radio Products
Superex Electronics Corp.
Sioux Radio Products Corp.
Sylvania Electronics Corp.
Sylvania Electronics Corp.
Sylvania Electronics Corp.
Vanguard Electronics Corp.
Vanguard Electronics Corp.
Vanguard Electronics Corp.
Vanguard Electronics Cov.
Varo Mrg. Co.
Western Coil Products Co.
Wright Zimmerman, Inc.

## Printed Circuit

Printed Circuit

Ace Coil & Electronics Co.
Associated American Winding Co., Inc.
Bendix Aviation Corp., York Div.
Celco-Constantine Engrg. Laboratories Co.
Cleveland Metal Specialties Co.
Eaton Electronics Corp.
Electronic Associates, Inc.
Fugle-Miller Labs Inc.
General Instrument Corp., Defense Products Div.
Johnson Electronics Inc.
Methode Mfg. Corp.
Mica Corp.
J. W. Miller Co.
NYT Electronics, Inc.
National Coil Co.
North Hills Electric Co., Inc.
Onondaga Pottery Co., Electronics Div.
RS Electronics Corp.
Ram Electronics Corp.
Ram Electronics Corp.
Sylvania Electronic Systems, Div.-Sylvania Electronic Inc.
Ryan Aeronautical Co.
Sylvania Electronic Systems, Div.-Sylvania Electronic Inc.
Techniques, Inc.
Telectro Industries Corp.
Transonic, Inc.
United Transformer Corp.
Varo Mfg. Co.
Warren Transformer Co., Inc.
R-F Choke

## R-F Choke

Ace Coil & Electronics Co.
Aerolite Electronics Corp.
Aladdin Electronics, Div.-Aladdin Industries Inc.
Associated American Winding Co., Inc.
Bradford Components, Inc.
Caddell-Burns Mfg. Co. Inc.
Carad Corp.

Celco-Constantine Engrg. Laboratories Co.
Corning Glass Works
Fugle-Miller Labs. Inc.
General Instrument Corp., Defense Products Div.
Gray & Kuhn Inc.
J.V.M Microwave Co.
E. F. Johnson Co.
Johnson Electronics Inc.
J. W. Miller Co.
Modelectric Products Corp.
J. J. Monaghan Co., Inc.
NYT Electronics, Inc.
National Coil Co.,
North Hills Electric Co.,
North Hills Electric Corp.
Sioux Radio Products
Superex Electronics Corp.
Sylvania Electronic Corp.
Sylvania Electronic Corp.
Sylvania Electronic Corp.
Tele-Coil Co.
Tele-Coil Co.
Tele-Coil Co.
Telectro Industries Corp.
Topper Mfg. Co., Inc.
Vanguard Electronics Co.
Varo Mfg. Co.
Western Coil Products Co.
Wilmar Mfg. Co., Inc.
Wright Zimmerman, Inc.

## R-F Transmitting

R-F Transmitting

Ace Coil & Electronics Co.
Aerolite Electronics Corp.
Associated American Winding Co., Inc.
Caddell Burns Mfg. Co., Inc.
Carad Corp.
Fugle-Miller Labs. Inc.
General Instrument Corp., Defense Products Div.
Illumitronic Engrg. Co.
J.-V-M Microwave Co.
E. F. Johnson Co.
Johnson Electronics Inc.
J. W. Miller Co.
J. J. Monaghan Co., Inc.
Munston Mfg. & Service, Inc.
NOTH Electronics, Inc.
North Hills Electric Co., Inc.
Superex Electronics Corp.
Sylvania Electronic Systems, Div.-Sylvania Electronic Inc.
Tele-Coil Co.
Telectro Industries Corp.
Vanguard Electronics Co.
Varo Mfg. Co.
Western Coil Products Co.
Wilmar Mfg. Co., Inc.
Winatic Corp., The
Wright Zimmerman, Inc.

## Solenoid

Solenoid

A. P. W. Co.
Ace Coil & Electronics Co.
Advanced Electronics, Inc.
Aerolite Electronics Corp.
Associated American Winding Co., Inc.
Automatic Electric Sales Corp.
Caddell-Burns Mfg. Co. Inc.
Celco-Constantine Engrg. Laboratories Co.
Cycle Transformer Corp.
Electrical Windings, Inc.
Electronics Dept., Hamilton Standard Div.,
United Aircraft Corp., Defense Products Div.
General Instrument Corp., Defense Products Div.
General Railway Signal Co.
Goslin Electric & Mfg. Co.
Highland Engrg. Co.
Walter J. Hyatt Co., The
Johnson Electronics Inc.
\*KOONTZ-WAGNER ELECTRIC CO., INC.
Mar Vista Engrg. Co.
Mar Vista Engrg. Co.
Mar Vista Engrg. Co.
North Hills Electric Corp.
J. J. Monaghan Co., Inc.
National Coil Co.
North Hills Electric Co., Inc.
Ortho Filter Corp.
Precision, Inc.
Ram Electronics Inc.
Sealectric Switch & Relay Corp.
Standard Electromagnetics, Inc.
Itele-Coil Co.
Tele-Coil Co.
Tibe Lectro Industries Corp.
Tri-Dax Let Products Co., Inc. Tele-Coil Co.
Telectro Industries Corp.
Tri-Dex Co.
Tur-Bo Jet Products Co., Inc.
\*UNITED AIRCRAFT PRODUCTS, INC.
Varo Mfg. Co.
Warren Transformer Co., Inc.
Western Coil Products Co.

## Transducer

American Research & Mfg. Corp.
Associated American Winding Co., Inc.
Columbia Research Labs.
Crescent Engrg. & Research Co.
Fugle-Miller Labs. Inc.
Seneral Instrument Corp., Defense Products Div.
Johnson Electronics Inc.
National Coil Co.,
Telectro Industries Corp.
Tri-Dex Co.
Tur-Bo Products Co., Inc.
Varo Mfg. Co.
Warren Transformer Co., Inc.

## Variable

Variable

Ace Coil & Electronics Co.
Aerolite Electronics Coro.
Airflyte Electronics Coro.
Associated American Winding Co., Inc.
Burnell & Co., Inc.
Caddell-Burns Mig. Co. Inc.
Carda Corp.
Celco-Constantine Engrg. Laboratories Co.
Fugle-Miller Labs. Inc.
General Instrument Corp., Defense Products Div.
Gosin Electric & Mig. Co.
Gray & Kuhn Inc.
E. F. Johnson Co.
Johnson Electronics Inc.
J. W. Miller Co.
NYT Electronics, Inc.
National Coil Co.,
North Hills Electric Co.,
North Hills Electric Corp.
Tele-Coil Co.
Telectro Industries Corp.
Tele-Coil Co.
Telectro Industries Corp.
United Transformer Corp.
Vari L. Co., Inc.
Waren Transformer Co., Inc.
Western Coil Products Co.

## COLLECTOR RINGS

COLLECTOR RINGS

Amplex Div.-Chrysler Corp.
Electro Tec Corp.
Electro Tec Corp., Virginia Div.
Electro-Miniatures Corp.
Engelhard Industries Inc., D. E. Makepeace Div.
General Findings & Supply Co., Industrial Div.
Gibson Electric Co.
\*GRAPHITE METALLIZING CORP.
La Pointe Industries Inc.
Leach & Garner Co., Industrial Div.
Metals & Controls Corp.
Penn-Michigan Mig. Gorp.
Poly-Scientific Corp.
Sangamo Electric Co.
Stainless Steel Products, Inc.
Superior Carbon Products, Inc.
Telectro Industries Corp.
Thieblot Aviation Co., Div.-Vitro Corp. of
America America Tricon Mfg. Co.

## COMMUNICATIONS SYSTEMS

COMMUNICATIONS SYSTEMS

Applied Research Inc.
Bell & Gossett Co.
Brush Instruments, Div.-Clevite Corp.
Communications Co.
\*\*PATA-CONTROL SYSTEMS INC.
Elm Mig. Co. Inc.
Executone, Inc.
Feiler Engrg. & Mig. Co.
General Instrument Corp., Defense Products Div.
Hallamore Electronics Co.
Haller Raymond & Brown Inc.
Hammet Electric Co.
Hogan Laboratories, Inc.
Nems Clarke Co., Div.-Vitor Corp. of America
International Research Associates
Lenkurt Electric Co. Inc.
Motorola Inc., Military Marketing Div.
Munston Mig. & Service, Inc.
National Electronics Laboratories, Inc.
Resdel Engrg. Corp.
\*\*RESEARCH & ADVANCED DEVELOPMENT DIV.,
AVCO MFG. CORP.
Stromberg-Carlson, Electronics Div.
Telechrome Mig. Corp.
\*\*TELE-DYNAMICS INC.
Thompson Products, Inc.
Varo Mig. Co.
\*\*WESTINGHOUSE ELECTRIC CORP.
Wickes Engrg. & Construction Co. Inc.
Wunderlich Radio Co.

COMPARATORS

## COMPARATORS

American Electronics, Inc., Data-Tronics Div. Baird-Atomic, Inc., Barnes Development Co. Barnes Divide Corp. Cleveland Instruments, Divide Corp. Cleveland Instrument Co. Eastman Kodak Co. Kaiser Aircraft & Electronics Divides Industries Corp. Optomechanisms Inc. Perkin-Elmer Corp. Sanders Associates, Inc. Size Control Co. Stromberg-Carlson, Electronics Div. Transformers, Inc. Varo Mfg. Co.

## COMPASSES

Kearfott Co., Inc. Lear Inc. Librascope Inc.

## Electronic Gyro

Eclipse-Pioneer Div., Bendix Aviation Corp. General Electric Co., Apparatus Sales Div.

General Precision Lab. Inc. Kearfott Co., Inc. La Pointe Industries Inc. Lear Industries Inc. Lear, Inc. Ryan Aeronautical Co.

Autonetics, Div.-North American Aviation, Inc. Eclipse-Pioneer Div., Bendix Aviation Corp. General Electric Co., Apparatus Sales Div. General Precision Lab. Inc. Kearfott Co., Inc. La Pointe Industries Inc.

Magnetic

General Electric Co., Instrument Dept. Kearfott Co., Inc. Kollsman Instrument Corp., Sub.-Standard Coil Products Co. Inc. Products Corp.

Perkin-Elmer Corp.

U. S. Gauge, Div.-American Machine & Metals,

Inc.

## Radio

General Instrument Corp., Defense Products Div. Kearfott Co., Inc. Lane Electronics Mfg. Corp. Lear, Inc. Magnavox Co., The Wunderlich Radio Co.

Remote Indicating

Eclipse-Pioneer Div., Bendix Aviation Corp. Kearfott Co., Inc. Lear, Inc. Ryan Aeronautical Co. Telectro Industries Corp. Wunderlich Radio Co.

## COMPUTERS

COMPUTERS

\*AC SPAKK PLUG DIV., GENERAL MOTOR CORP.
Advance Industries, Inc.
Allegany Instrument Co., Inc.
Allegany Instrument Co., Inc.
Allegany Instrument Co., Inc.
Autonetics, Div.-North American Aviation, Inc.
\*AVCO MFG. CORP., CROSLEY DIV.
Benson-Lehner Corp.
Burrough Corp.
CDC Control Services, Inc.
Collins Radio Co.
Consolidated Avionics Corp.
Electro-Measurements Inc.
Electronic Associates, Inc.
Electronic Associates, Inc.
Lietertonic Associates, Inc.
Lietertonic Meg. Co., The, Electronics & Avionics Div.
Avionics Div.
Farnsworth Electronics Co., Div.-Int'l Telephone & Telegraph Corp.
Ferranti Electric Inc.
George F Forbes, Industrial Mathematician Publisher
Ford Instrument Co., Inc.
GS Instrument Co., Inc.
GRAREIT CORP., THE, AIRESEARCH MFG. DIVS.
General Railway Signal Co.
Geodyear Aircraft Corp.
Haller Raymond & Brown Inc.
Kearfott Co. Inc.
Lear, Inc.
Librascope Inc.
Mid-Century Instrumatic Corp.
Minneapolis-Honeywell Regulator Co., Aeronautical Div.
Motorola Inc., Military Marketing Div.
Nuclear Products—Erco, Div.-ACF Industries, Inc.
Petterson, Moos Div.-Universal Winding Co., Inc.
Petterson Instrument Corp.
Ryan Aeronautical Co.

Radio Corporation of America, Defense Electronic Products
Reeves Instrument Corp.
Ryan Aeronautical Co.
Servomechanisms, Inc.
Skiatron Electronics & Television Corp.
Southwestern Industrial Electronics Co.
Technical Oil Tool Corp.
\*WESTINGHOUSE ELECTRIC CORP., AIR ARM DIV.

Analog

Analog

\*AC SPARK PLUG DIV., GENERAL MOTOR CORP.
Advance Industries, Inc.
Allegany Instrument Co., Inc.
American Electronics, Inc., Data-Tronics Div.
\*AMERICAN MACHINE & FOUNDRY CO.
Analogue Controls, Inc., Data-Tronics Div.
\*AVCO MFG. CORP., CROSLEY DIV.
Baird-Atomic, Inc.
Bendix Computer, Div.-Bendix Aviation Corp.
Bowmar Instrument Corp.
CDC Control Services, Inc.
Cal-Ohm Labs., Inc.

Chadwick-Helmuth Co.
Collins Radio Co.
\*\*PATA-CONTROL SYSTEMS INC.
Daystrom Instrument Div., Daystrom, Inc.
Eclipse-Pioneer Div., Bendix Aviation Corp.
Electronics Corp. of America
Electronics Dept., Hamilton Standard Div., United
Aircraft Corp.
Feedback Controls, Inc.
George F. Forbes, Industrial Mathematician, Publisher

Feedback Confrols, Inc.
George F. Forbes, Industrial Mathematician, Publisher

\*GARRETT CORP., THE, AIRESEARCH MFG. DIVS.
General Controls Co.
General Electric Co., Apparatus Sales Div.
General Precision Lab, Inc.
General Precision Lab, Inc.
General Railway Signal Co.
Goodyear Aircraft Corp.
Haller Reymond & Brown Inc.
Industrial Control Co.
Kearfott Co., Inc.
Kollsman Instrument Corp., Sub-Standard Coil
Products Co. Inc.
Lear, Inc., Grand Rapids Div.
Librascope Inc.
Link Aviation, Inc.
W. L. Maxson Corp., The
Mechanical Div.-General Mills, Inc.
Mid-Century Instrumatic Corp.
Minneapolis-Honeywell Regulator Co., Aeronautical Div.
Nuclear Products—Erco., Div.-ACF Industries, Inc.
Patterson, Moos Div.-Universal Winding Co., Inc.
George A. Philibrick Researches, Inc.
Philco Corp., Government & Industrial Divs.
Reeves Instrument Corp.
Reyan Aeronautical Co.
Scrivenechanisms, Inc.
Skietron Electronics & Television Corp.
Southwestern Industrial Electronics Co.
Iechnical Oil Tool Corp.
Telectro Industries Corp.
Walkirt Co.

\*WESTINGHOUSE ELECTRIC CORP., AIR ARM
DIV.

## Course Line

Advance Line
Advance Industries, nlc.
Autonetics, Div.-North American Aviation, Inc.
Collins Radio Co.
Electronic Engrg. Co. of California
General Precision Lab. Inc.
Haller Raymond & Brown Inc.
Kearfolt Co., Inc.
Lear, Inc.
Librascope Inc. Rearion Co., Inc.
Lear, Inc.
Librascope Inc.
W. L. Maxson Corp., The
Mechanical Div.-General Mills, Inc.
Mid-Century Instrumentic Corp.
Minneapolis-Honeywell Regulator Co., Aeronautical Div.
Reeves Instrument Corp.
Ryan Aeronautical Co.
Science House, Inc.
Skiatron Electronics & Television Corp.
Telectro Industries Corp.

Digital

\*AC SPARK PLUG DIV., GENERAL MOTOR CORP.
Advance Industries, Inc.
Allied Plastics Supply Corp.
Alwac Corp.
American Electronics, Inc.
\*AMERICAN MACHINE & FOUNDRY CO.
Analogue Controls, Inc.
Arma Div.-American Bosch Arma Corp.
Autonetics, Div.-North American Aviation, Inc.
Baird-Atomic, Inc.
Bendix Aviation Corp., York Div.
Bendix Computer, Div.-Bendix Aviation Corp.
Burroughs Corp.
CDC Control Services, Inc.
Collins Radio Co.
Computer Control Co., Inc.
Consolidated Avionics Corp.
Cubic Corp.
Electrodata Div.-Burroughs Corp.
Electronics Corp. Of America
Electronics Corp.
Ferranti Electric, Inc.
George F. Forbes, Industrial Mathematician,
Publisher
General Precision Lab., Inc.
George Aircraft Corp.
Haller Raymond & Brown, Inc.
Hoffman Electronics Corp., Semiconductor Div.
Kearfott Co., Inc.
Librascope Inc.
W. L. Masson Corp., The
Mechanical Div.-General Mills, Inc.
Milman Engrg. Co.
Minneapolis-Honeywell Regulator Co., Aeronautical Div.
Patterson, Moos Div.-Universal Winding Co.,
Inc.
Philoc Corp., Government & Industrial Divs.
Reeves Instrument Corp. Digital Inc.
Philico Corp., Government & Industrial Divs.
Reeves Instrument Corp.
\*RESEARCH & ADVANCED DEVELOPMENT DIV.,
AVCO MFG. CORP.
Servomechanisms, Inc.
Skiafron Electronics & Television Corp.

Soroban Engrg., Inc. Southwestern Industrial Electronics Co. Stromberg-Carlson, Electronics Div. Sylvania Electronic Systems, Div.-Sylvania Electric Products, Inc.
Telectro Industries Corp. Thompson Products, Inc.
Wayne-George Corp.
\*WESTINGHOUSE ELECTRIC CORP., AIR ARM

Navigation

Navigation

\*AC SPARK PLUG DIV., GENERAL MOTOR CORP.
Advance Industries, Inc.
Allied Plastics Supply Corp.

\*AMERICAN MACHINE & FOUNDRY CO.
Analogue Controls, Inc.
Autonetics, Div.-North American Aviation, Inc.
Baird-Atomic, Inc.
Bowmar Instrument Corp.
Burroughs Corp.
Collins Radio Co.
Dynavia Engrg. Corp.
Eclipse-Pioneer Div., Bendix Aviation Corp.
Electromerion Co.
Electromerion Co.
Electromics Dept., Hamilton Standard Div.,
United Aircraft Corp.
Publisher
Ford Instrument Co., Div.-Sperry Rand Corp.
General Electric Co., Apparatus Sales Div.
General Frection Lab., Inc.
Goodyear Aircraft Corp.
Haller Raymond & Brown, Inc.
Kearfott Co., Inc.
Kinevox-Hallen
Kollsman Instrument
Corp., Sub.-Standard Coil
Products Co., Inc.
Lear, Inc.
Librascope, Inc. Products Co., Inc.
Lear, Inc.
Librascope, Inc.
Librascope, Inc.
W. L. Maxson Corp., The
Mechanical Div.-General Mills, Inc.
Minneapolis-Honeywell Regulator Co., Aeroactical Div. Minneapolis-Honeywell Regulator Co., Aeronautical Div.
Nuclear Products-Erco, Div.-AGF Industries, Inc.
Philos Corp., Government & Industrial Divs.
Reeves Instrument Corp.
Ryan Aeronautical Co.
Skiatron Electronics & Television Corp.
Stavid Engray, Inc.
Technical Oil Tool Corp.
Telectro Industries Corp.
M. Ten Bosch, Inc.
\*WESTINGHOUSE ELECTRIC CORP., AIR ARM
DIV.

## Offset Track

Advance Industries, Inc.
Eclipse-Pioneer Div., Bendix Aviation Corp.
Electronics Dept., Hamilton Standard Div.,
United Aircraft Corp.
General Precision Lab., Inc.
Goodyear Aircraft Corp.
Haller Raymond & Brown, Inc.
Lear, Inc.
Librascope, Inc.
Librascope, Inc.
Receves Instrument Corp.
Skiatron Electronics & Television Corp.
Stavid Engrg., Inc.
Technical Oil Tool Corp.
Telectro Industries Corp.

## Storage, Electrostatic

Haller Raymond & Brown, Inc. Librascope, Inc. Skiatron Electronics & Television Corp. Telectro Industries Corp.

## Storage, Ferroelectric

Burroughs Corp.
Librascope, Inc.
Skiatron Electronics & Television Corp.
Stromberg-Carlson, Electronics Div.
Telectro Industries Corp.

Storage, Magnetic

Alden Products Co.
Alvac Corp.
Autonetics, Div.-North American Aviation, Inc.
Bryant Gage & Spindle Div., Bryant Chucking
Grinder Co.
Burroughs Corp.
Daystrom Instrument Div., Daystrom, Inc.
Epsco, Inc.
Ferranti Electric, Inc.
General Ceramics Corp.
General Railway Signal Co.
General Transistor Western Corp.
Haller Raymond & Brown, Inc.
Librascope, Inc.
Miljan Div., Paul Omohundro Co.
Miljan Div., Paul Omohundro Co.
Philco Corp., Government & Industrial Divs.
\*RESEARCH & ADVANCED DEVELOPMENT DIV.
AVCO MFG. CORP.
Stromberg-Carlson, Electronics Div.
Skiatron Electronics & Television Corp.
Telectro Industries Corp.
\*WESTINGHOUSE ELECTRIC CORP., AIR ARM
DIV. Storage, Magnetic

## CONNECTORS

CONNECTORS

Alden Products Co.
American Brass Co., The
Anton Electronics Labs., Inc.
Burndy Corp., Omaton Div.
Cannon Electric Co.
Circon Component Corp.
Cannon Electric Co., Inc.
Dage Electric Co., Inc.
Dage Electric Co., Inc.
Dage Corp.
Electric Co., Inc.
Div. Amsco Corp.
Electric Corp.
Electric Corp.
Garde Mig. Co.
Elec Corp.
Garde Mig. Co.
Elec Corp.
Garde Mig. Co.
Elec Corp.
C

## Electric Subminiature

Electric Subminiature

Airwork Corp.
Anton Electronic Labs., Inc.
Automatic & Precision Mfg. Co.
Avnet Corp.
Cannon Electric Co.
Circon Component Corp.
Coaxial Connector Corp.
Coolumbia Research Labs.
Connector Corp.
Continental Connector Corp.
Dage Electric Co., Inc.
Dejur-Amsco Corp.
R. C. Dudek & Co.
Electric Co., Inc.
Dejur-Amsco Corp.
R. C. Dudek & Co.
Electric Co., Inc.
Dejur-Amsco Corp.
R. C. Dudek & Co.
Litton Industries, Components Div.
Mendelsohn Speedgun Co., Inc.
Methode Mfg. Corp.
Molding Corp.
Technical Oil Tool Corp.
Technical Oil Tool Corp.
Telectro Industries Corp.
Titellex, Inc.
United Supply Co.
Western International Co.
E. B. Wiggins Oil Tool Co. Inc.
Winchester Electronics, Inc.

## Miniature

Miniature

Aerolite Electronics Corp.
Airwork Corp.
Alden Products Co.
Anton Electronics Labs., Inc.
Avnet Corp.
Burndy Corp., Omaton Div.
Cannon Electric Co.
Circon Component Corp.
Coaxial Connector Co. Inc.
Connector Corp.
Consolidated Electrodynamics Corp.
Consolidated Electrodynamics Corp.
Confliental Connector Corp.
Dage Electric Co., Inc.
Dejur-Amsco Corp.
R. C. Dudek & Co.
Elec Corp.
Electronic Techniques, Inc.
Enflo Corp.
Garde Mig. Co.
General R-F Fittings, Inc.
Joclin Mig. Co.
General R-F Fittings, Inc.
Joclin Mig. Co.
Mendelsohn Speedgun Co., Inc.
Methode Mig. Corp.
Molding Corp. of America
Frank W. Morse Co.
\*\*HAROLD H. POWEL CO.
\*\*Richards Electrocraft, Inc.
\*\*SCHWEBEE ELECTRONICS
Schifflia Div., Bendix Aviation Corp.
Sylvania Electric Products Inc., Parls Div.
Telectro Industries Corp.
Tifeflex, Inc.
U. S. Component Inc.
Western International Co.
Winchester Electronics, Inc.

## Pressurized

Airwork Corp.
Anton Electronic Labs., Inc.
Avnet Corp.
Burndy Corp., Omaton Div.
Cannon Electric Co.
Coaxial Connector Co. Inc.
Continental Connector Corp.
Dage Electric Co., Inc.
Dejur-Amsco Corp.

R. C. Dudek & Co.
Garde Mig. Co.
General R.F. Filtings, Inc.
Joclin Mig. Co.
Joy Mig. Co.
Joy Mig. Co.
Mendelsohn Speedgun Co., Inc.
Molding Corp. of America
\*HAROLD H. POWELL CO.
\*SCHWEBER ELECTRONICS
Scintilla Div., Bendix Aviation Corp.
Telectro Industries Corp.
U. S. Component Inc.
Vibra Seal Corp.
Western International Co.
Winchester Electronics, Inc.

## Printed Circuit

Printed Circuit

Allied Plastics Supply Corp.
Anton Electronic Labs., Inc.
Avet Corp.
Cannon Electric Co.
Circon Component Corp.
Cleveland Metal Specialties Co.
Continental Connector Corp.
Dage Electric Co., Inc.
Deliur-Amsco Corp.
R. C. Dudek & Co.
Dunlap Electronics, Inc.
Elec Corp.
Electronics, Inc.
Leo Corp.
Electronics Dept., Hamilton Standard Div.,
United Aircraft Corp.
Franklin Fibre-Lamitex Corp.
Garde Mig. Co.
General R-F Fittings, Inc.
La Pointe Industries Inc.
Malco Tool & Mig. Co.
Methode Mig. Copp.
National Tel-Ironics Corp.
Star Engraving Co., Ltd.
Sylvania Electric Products Inc., Parts Div.
Telectro Industries Corp.
Tingstol Co.
Ucinite Co., The, Div.—United-Carr Fastener
Corp.
U. S. Component Inc.
Winchester Electronics, Inc.

## Rack and Panel

Rack and Panel

Aircom Inc.
Airwork Corp.
Alden Products Co.
Anton Electronic Labs., Inc.
Avnet Corp.
Birnbach Radio Co., Inc.
Burndy Corp., Omaton Div.
Cannon Electric Co.
Continental Connector Corp.
Dage Electric Co., Inc.
Dejur-Amsco Corp.
Don-Lan Electronics Co.
R. C. Dudek & Co.
Elco Corp.
Garde Mig. Co.,
General Cement Mig. Co., Div.-Textron Inc.
General Cement Mig. Co., Inc.
Heldor Mig. Co., Inc.
Methode Mig. Corp.
\*HAROLD H. POWELL CO.
Scintilla Div., Bendix Aviation Corp.
Telectro Industries Corp.
U. S. Component Inc.
Western International Co.
Winchester Electronics, Inc.

## R-F

R-F
Aircom Inc.
Airtron, Inc.
Airtron, Inc.
Airwork Corp.
Anton Electronic Labs., Inc.
Blonder-Tongue Labs., Inc.
Bundy Corp., Omaton Div.
Cannon Electric Co.
Circon Component Corp.
Coaxiel Connector Co. Inc.
Connector Corp. of America
Continental Connector Corp.
Garde Mfg. Co.
General R-F Fittings, Inc.
Hallett Mfg. Co.
J.-V-M Microwave Co.
Mendelsohn Speedgun Co., Inc.
\*\*HAROLD H. POWELL CO.
\*\*Prodelin Inc.
\*\*SCHWEBER ELECTRONICS
Telectro Industries Corp.
Transco Products, Inc.
Western International Co.
Winchester Electronics, Inc.

## Contactors

(Generator, load, transfer)
\*HARTMAN ELECTRICAL MFG. CO., THE

## CONTROLS

Advance Industries, Inc. Advanced Products Co., The

Aeronautical & Instrument Div., Robertshaw-Fulton Controls Co.
American Research & Mfg. Corp.
Barton Instrument Corp., Red Bank Div.
Burroughs Corp.
Bendix Aviation Corp., Red Bank Div.
Burroughs Corp.
CDC Control Services, Inc.
Cutler-Hammer Inc.
Daven Co., The
Dynavia Engrg. Corp.
\*EASTERN INDUSTRIES, INC.
Electronics Dept., Hamilton Standard Div.,
United Aircraft Corp.
Exact Engrg. & Mfg. Inc.
\*CARRETT CORP., THE, AIRESEARCH MFG.
DIVS.
General Railway Signal Co.
\*A. W. HAYDON CO., THE
Haydon Div.-General Time Corp.
Lear, Inc.
Librascope Inc.
Radio Corporation of America, Defense Electronic Products
Reeves Instrument Corp.
Ryan Aeronautical Co.
Servomechanisms, Inc.
Skiatron Electronics & Television Corp.
Telectro Industries Corp.

Automatic Approach

Analogue Controls, Inc.
Autonetics, Div.-North American Aviation, Inc.
Barton Instrument Corp.
CDC Control Services, Inc.
Dynavia Engrg. Corp.
Eclipse-Pioneer Div., Bendix Aviation Corp.
Electronics Dept., Hamilton Standard Div.,
United Aircraft Corp. Lear, Inc.
Minneapolis-Honeywell Regulator Co., Aero-Minneapolis-Honeywell Regulator Co., nautical Div.
Motorola Inc., Military Marketing Div.
Reeves Instrument Corp.
Robot Appliances Inc.
Ryan Aeronautical Co.
Skiatron Electronics & Television Corp.
Technical Oil Tool Corp.

Capacitance Operated

Aeronautical & Instrument Div., Robertshaw-Fulton Controls Co. Minneapolis-Honeywell Regulator Co., Aero-nautical Div. Skiatron Electronics & Television Corp. Telectro Industries Corp.

## Machine Safety

Devco Engrg. Inc.
Dunlap Electronics, Inc.
Electric Exp Equipment Co.
General Scientific Equipment Co.
Minneapolis-Honeywell Regulator Co., Boston

\*MISSILE COMPONENTS GROUP, ELECTRO-SNAP SWITCH & MFG. CO Reid Metal Products, Inc. Telectro Industries Corp. Walsh Press & Die Co.

American Electronics, Inc.
\*AMERICAN MACHINE & FOUNDRY CO.
Bendix Aviation Corp., Red Bank Div.
Cutler-Hammer Inc.
D & R, Ltd.

Bendix Aviation Corp., Red Bank Div. Cutler-Hammer Inc.
D & R, Ltd.
Eclipse-Pioneer Div., Bendix Aviation Corp.
Thomas A, Edison Ind., Instrument Div.—Mc-Graw-Edison Co.,
Fairfield Engineering Corp.
\*\*GARRETT CORP. THE AIRSEARCH MFG. DIVS.
Globe Industries, Inc.
Guided Missile Div.-De Havilland Aircraft of Canada, Ltd.
Hammert Electric Co.
\*\*HARTMAN ELECTRICAL MFG. CO., THE
Herlner Electric Co., The
Industrial Control Co.
Leach Córp.
\*\*MISSILE COMPONENTS GROUP, ELECTRO-SNAP
SWITCH & MFG. CO.
Motordyne Inc.
Sangamo Electric Co.
Servomechanisms, Inc., Mechatrol Div.
Skiatron Electronics & Television Corp.
Talley Corp., The
Telectro Industries Corp.
Varo Mfg. Co.
Wacline, Inc.
\*\*WESTINGHOUSE ELECTRIC CORP.

## Radio Remote

ROUTE Instrument Corp.
Communications Co.
Frank R. Cook Co.
Frank R. Cook Co.
FROOPER DEVELOPMENT CORP.
\*DATA-CONTROL SYSTEMS INC.
Electronic Communications, Inc.
General Instrument Corp., Defense Products Div.

Hallamore Electronics Co.
Lane Electronics Mfg. Corp.
Magnavox Co., The
MISSILE COMPONENTS GROUP, ELECTRO-SNAP
SWITCH & MFG. CO.
Motorola Inc., Military Marketing Div.
Reeves Instrument Corp.
Robot Appliances Inc.,
Skiatron Electronics & Television Corp.
Telectro Industries Corp.
Yaro Mfg. Co.

## Push-Pull

Push-Pull

All American Aircraft Products, Inc.
Automotive & Aircraft Div.-American Chain &
Cable Co., Inc.
Blaco Mig.
Consolidated Controls Corp.
Cutler-Hammer Inc.
Fairfield Engineering Corp.
Imperial Brass Mig. Co., The
Lumen, Inc.
P. R. Mallory & Co. Inc.
Minneapolis-Honeywell Regulator Co., Aeronautical Div.
MISSILE COMPONENTS GROUP, ELECTRO-SNAP
SWITCH & MFG. CO.
Robot Appliances Inc.
Simmonds Aerocessories, Inc.
Skiatron Electronics & Television Corp.
Southwest Products Co.
Telectro Industries Corp.
Teleflex Inc.
Trimount Instrument Co.
Varo Mig. Co.
Western Arc Welding, Inc.

## Register

Analogue Controls, Inc.
Bowmar Instrument Corp.
Electric Eye Equipment Co.
Intercontinental Dynamics Corp.
\*\*MISSILE COMPONENTS GROUP, ELECTRO-SNAP
SWITCH & MFG. CO.
Skiatron Electronics & Television Corp.
Telectro Industries Corp.

## Remote, Antenna All American Aircraft Products, Inc.

All American Aircraft Products, Inc.
Antlab Inc.
\*DALMO VICTOR CO., DIV-TEXTRON INC.
Eclipse-Pioneer Div., Bendix Aviation Corp.
Gabriel Co., The, Gabriel Electronics Div.
Globe Industries, Inc.
Goodyear Aircraft Corp.
Lear, Inc., Grand Rapids Div.
\*MISSILE COMPONENTS GROUP, ELECTRO-SNAP
SWITCH & MFG. CO.
Motorola Inc., Military Marketing Div.
Reeves Instrument Corp.
Robot Appliances Inc.
Ryan Aeronautical Co.
Skiatron Electronics & Television Corp.
Telectro Industries Corp.

## Servo

Acoustica Associates, Inc.
Aero Supply Mfg. Co., Inc.
Aero Supply Mfg. Co., Inc.
Aerolex Corp., The, Aeroflex Labs. Div.
American Electronics, Inc., Data-Tronics Div.
American Research & Mfg. Corp.
Analogue Controls, Inc.
Barber-Colman Co.
Bowmar Instrument Corp.
Burroughs Corp.
Constrol Services, Inc.
Corp. Control Services, Inc.
Consolidated Controls Corp.
Frank R. Cook Co.
PALMO VICTOR CO., DIV.-TEXTRON INC.
\*\*PASTERN INDUSTRIES, INC.
Eclipse-Pioneer Div., Bendix Aviation Corp.
Thomas A. Edison Ind., Instrument Div.—Mcc.
Graw-Edison Co.
Electronic Associates, Inc.
Exact Engrg. & Mfg. Inc.
Eairfield Engineering Corp.
Feedback Controls, Inc.
Ford Instrument Co., Div.-Sperry Rand Corp.
\*\*GARRETT CORP. THE, AIRESEARCH MFG. DIVS.
General Controls Co.
Goodyear Aircraft Corp.
Greenleaf Mfg. Co., The, Div.-Mandrel Industries Inc.
Hallamore Electronics Co.
Hammett Electric Co.
Hydra-Power Corp.
Industrial Control Co.
Kearfort Co., Inc.
North Atlantic Industries, Inc.
Intercontinental Dynamics Corp.
Kelsey-Hayes Co.
Lear, Inc. Grand Rapids Div. Kelsey-Hayes Co. Lear, Inc., Grand Rapids Div. \*WALLACE O. LEONARD, INC. Librascope Inc. Link Aviation, Inc. Lumen, Inc. J. A. Maurer, Inc.

Minneapolis-Honeywell Regulator Co., Aero-nautical Div. Minneapolis-Honeywell Regulator Co., Boston

nautical Div.
Minneapolis-Honeywell Regulator Co., Boston
Minneapolis-Honeywell Regulator Co., Boston
SWITCH & MFG. CO.
Motordryne Inc.
Ozone Metal Products Corp.
Pacific Div.-Bendix Aviation Corp.
Reeves Instrument Corp.
Reid Metal Products, Inc.
Royal Industries, Inc.
Royal Industries, Inc.
Royal Aeronautical Co.
Servo Corp. of America
Servomechanisms, Inc.
Servomechanisms, Inc., Mechatrol Div.
Skiatron Electronics & Television Corp.
Spectrol Electronics Div., Carrier Corp.
Telectro Industries Corp.
M. Ten Bosch, Inc.
Thompson Products, Inc.
United Control Corp.
Varo Mig. Co.
Vickers Inc., Div.-Sperry Rand
Wacline, Inc.
Weighing & Control Components, Inc.
\*WESTINGHOUSE ELECTRIC CORP., AIR ARM
DIV.

## Signal

Aeroflex Corp., The, Aeroflex Labs, Div. Dunlap Electronics, Inc. Exact Engrg. & Mrg. Inc. General Railway Signal Co. Search Rosel R

## Tension

Consolidated Avionics Corp.
Dial Products Co.
Dial Products Co.
Dial Products Co.
Stairon Electronics GROUP, ELECTRO-SNAP SWITCH & MFG. CO.
Skiafron Electronics & Television Corp.
Telectro Industries Corp.

## Timing

Timing

Abrams Instrument Corp.
Advanced Products Co., The
Amglo Corp.
Baird-Atomic, Inc.
Bowman Instrument Corp.
Burroughs Corp.
Consolidate! Avionics Corp.
\*\*COOPER DEVELOPMENT CORP.
Joe Davidson & Associates
Dunlap Electronics, Inc.
Eagle Signal Corp.
Electronic Associates, Inc.
Eligin Micronics, West Coast Div.-Elgin National
Watch Co.
Elm Mfg. Co., Inc.
Exact Engrg. & Mfg. Inc.
Friez Instrument Div.-Bendix Aviation Corp.
Greenleaf Mfg. Co., The, Div.-Mandrel Industries Inc.
Hallamore Electronics Co.
Hamilton Watch Co., Military Products Div.
\*\*AN, HAYDON CO., THE
HAYDON CO., THE
HAYDON DIV.-General Time Corp.
\*\*P. R. Malov.-General Time Corp.
\*\*NISTLE COMMONENTS GROUP, ELECTROSNAP SWIICH & MFG. CO.
Resdel Engra, Corp.
Spectral Electronics Div., Carrier Corp.
Herman D. Steel Co.
Technical Oil Tool Corp.
Telectro Industries Corp.
Tempo Instrument Inc.
U. S. Gauge Div.-American Machine & Metals,
Inc.
Vacuum Tube Products Co. Inc. Tempo Inst...
U. S. Gauge Div.-America.
Inc.
Vacuum Tube Products Co. Inc.
Vemaline Products Co.
Waugh Enarg. Co.
\*WESTINGHOUSE ELECTRIC CORP.
G. C. Wilson & Co.
Zenith Electric Co.

## Torgue, Electronic

American Research & Mfg. Corp.
Consolidated Avionics Corp.
Dial Products Co.
Electronics Dept., Hamilton Standard Div.,
United Aircraft Corp.
Exact Engrg. & Mfg. Inc.
Librascope Inc.
Reeves Instrument Corp.
Skiafron Electronics & Television Corp.
Telectro Industries Corp.

## Voltage Regulator

American Research & Mfg. Corp.

Bendix Aviation Corp., Red Bank Div.
Central Transformer Co.
Cubic Corp.
Cubic Corp.
Cutis-Wright Corp., Electronics Div.
Electric Regulator Corp.
Guided Missile Div.De Havilland Aircraft of Canada, Ltd.
Hallamore Electronics Co.
E. Vernon Hill & Co.
Ford Instrument Co., Div.-Sperry Rand Corp.
Hoffman Electronics Corp., Semiconductor Div.
Hoff Instrument Laboratories, Div.-Holf Hardwood Co., Inc.
Librascope Inc.
Librascope Inc.
Lumen, Inc.
\*MISSILE COMPONENTS GROUP, ELECTROSNAP SWITCH & MFG. CO.
\*MOtordyne Inc.
Reeves Instrument Corp.
Skiatron Electronics & Television Corp.
Telectro Industries Corp.
Telectro Industries Corp.
Telentryment Electronics Corp.
Tempo Instrument Inc.
United Transformer Corp.
Wacline, Inc.
\*WESTINGHOUSE ELECTRIC CORP. Wacline, Inc. \*WESTINGHOUSE ELECTRIC CORP.

## Volume

Clarostat Mfg. Co., Inc.
Daven Co., The
P. R. Mallory & Co. Inc.
Patterson, Moos Div.-Universal Winding Co., Inc.
Redmond Co., Inc.
Simmonds Aerocessories, Inc.
Skiafron Electronics & Television Corp.
Spectrol Electronics Div., Carrier Corp.
Telectro Industries Corp.
Vickers Inc., Div.-Sperry Rand
\*VICKERS INC., MARINE & ORDNANCE DEPT.,
MACHINERY HYDRAULICS DIV.

## CONVERTERS, ELECTRIC

CONVERTERS, ELECTRIC

Amelco, Inc.
American Research & Mfg. Corp.
Bendix Aviation Corp., Red Bank Div.
Begue Electric Mfg. Co.
Carter Motor Co.
Consolidated Aviatics Corp.
Crescent Energ. & Research Co.
Electronics Techniques, Inc.
Electronics Corp. of America
Georator Corp.
Guided Missile Div.-De Havilland Aircraft of
Canada, Electronics Co.
Helmer Electric Co.
Nagnavox Co.
Leach Corp.
Magnavox Co.
Magnavox Co.
Missile Engra, Products, Inc.
\*MOTOR GENERATOR CORP.
Motordyne Inc.
Opad Electric Co.
Power Sources, Inc.
Racial Electronics Corp.
Radio Corporation of America, Defense Electronics Corp.
Radio Corporation of America, Defense Electronics Electric Co.
Sinferon Electronics & Television Corp.
Sangamo Electric Co.
Sinferon Electronics & Television Corp.
Sangamo Electric Co.
Sinferon Electronics Corp.
Tel-Instrument Electronics Corp.
Te

## CONVERTERS, FIELD SEQUENTIAL

Skiatron Electronics & Television Corp. Telectro Industries Corp. Varo Mfg. Co.

## CONVERTERS. MICROWAVE

Aircom Inc.
Airtron, Inc.
Applied Research Inc.
Applied Research Inc.
Bendix Aviation Corp., York Div.
Demorray-Bonardi
Electronic Communications, Inc.
General Instrument Corp., Defense Products Div.
John Gombos Co., Inc.
Goodyear Aircraft Corp.
I-V-M Microwave Co.
Polarad Electronics Corp.
Technical Oil Tool Corp.
Technical Oil Tool Corp.
\*\*TELERAD MFG. CORP.
Varo Mfg. Co.
Vectron, Inc.

## COOLING SYSTEMS, ELECTRONIC

COLLING STSTEMS, ELECTRONIC
Calcor Corp., Aircraft Div.
Dunham-Bush, Inc.
\*GARRETT CORP., THE, AIRESEARCH MFG. DIVS.
Goodyear Aircraft Corp.
\*KAHN & CO., INC.
Resdel Engrg. Corp.
Ryan Aeronautical Co.
Stainless Steel Products, Inc.
Task Corp.
Talectro Industries Corp.
Trana Co., Tha
United Control Corp.

## COUPLING & PHASING UNITS

Airtron, Inc.
General Instrument Corp., Defense Products Div.
J-V-M Microwave Co.
E. F. Johnson Co.
Prodelin, Inc.
Ryan Aeronautical Co.
Varo Mfg. Co.

## CRYSTAL CARTRIDGES

Magnavox Co., The Shura Brothers, Inc.

## CRYSTAL FILTERS

Artron, Inc.
Airtron, Inc.
Amarican Electronic Labs., Inc.
Billey Electric Co.
Bulloy Watch Co., Electronicus Div.
Defiance Engrg. & Microwave Corp.
Diamond Antenna & Microwave Corp.
Hupp Electronics Co.
Hycon Eastern Inc.
James Knights Co., The
Lenkurt Electric Co., Inc.
McCoy Electronics Co.
Monitor Products Co.
Reevest-Hoffman Div.
Sage Laboratories, Inc.
Telectro Industries Corp.

## CRYSTAL MOUNTS

CRYSTAL MOUNTS

Airtron, Inc.
American Electronics Labs., Inc.
Defiance Engrg. & Microwave Corp.
Demornay-Bonardi
Diamond Antenna & Microwave Corp.
Elm Mfg. Co. Inc.
Elm Corp.
J-V-M Microwave Co.
McCoy Electronics Co.
Microwave Electronics Div., Sperry Gyroscope
Co.
Midland Mfg. Co., Inc.
Monitor Products Co.
Omega Labs., Inc.
Radar Design Corp.
Reevas-Hoffman Div.
Ryan Aeronautical Co.
Sage Labboratories, Inc.
Waveline, Inc.

## **CRYSTALS**

Billay Electric Co.
Bulova Watch Co., Electronics Div.
Clark Crystal Co.
Delta Chemical Works, Inc.
Eidson Electronic Co.
Hunt Corp., The
International Crystal Mfg. Co. Inc.
McCoy Electronics Co.
Midland Mfg. Co., Inc.
Monitor Products Co.
Mortorola Inc., Military Marketing Div.
Northern Engrg. Laboratories Inc.
Premier Research Laboratories, Inc.
Reeves-Hoffman Div.
United States Dynamics Corp.

## DAMPERS, CONTROL

Aeronautical & Instrument Div., Robertshaw-Fulton Controls Co.
CDC Control Services, Inc.
\*HOUDAILLE INDUSTRIES, INC., BUFFALO
HYDRAULICS DIV.
Hydra-Power Corp.
Minneapolis-Honeywell Regulator Co., Aeronautical Div. Minneapolis-Honeywell Regulator Co., Aeronautical Div.
Ozone Metal Products Corp.
Servomechanisms, Inc., Mechatrol Div.
Sesco Mfg., Inc.
Waldorf Instrument Co., Div.-F. C. Huyck &
Sons

## **DELAY LINES**

Alden Products Co. Andersen Laboratories, Inc.

Richard D. Brew & Co., Inc.
Burnell & Co., Inc.
Burnoughs Corp.
Cared Corp.
Cared Corp.
Celco-Constantine Engrg. Laboratories Co.
Central Coil Co., Inc.
Corning Glass Works
Daven Co., The
Digitronics Corp.
Ecs Corp.
Farnsworth Electronics Co., Div.-Int'l Telephone
& Telegraph Corp.
Ferranti Elactric, Inc.
General Instrument Corp., Defense Products
Div.
Gray & Kuhn, Inc.
General Instrument Corp., Defense Products
Div.
Gray & Kuhn, Inc.
Gudeman Co., The
Librascope, Inc.
NYT Electronics, Inc.
Orbitran Co., Inc.
Philco Corp., Government & Industrial Divs.
Pulse Engrg., Inc.
Stewart-Warner Corp.
Technitrol Engrg. Co.
Telectro Industries Corp.
Topper Mfg. Co., Inc.
Tucson Instrument Corp.
Vanguard Electronics Co.

## Computer

Computer

Alden Products Co.,
Andersen Laboratories, Inc.,
Richard D. Brew & Co., Inc.,
Carad Corp.,
Computer Control Co., Inc.,
Corning Glass Works
\*\*DATA-CONTROL SYSTEMS, INC.
Digitronics Corp.
ECS Corp.
Electronics Corp.
Electronic Associates, Inc.,
Ferranti Electric, Inc.,
Filtron Co., Inc.,
Gudeman Co., The
North Atlantic Industries, Inc.,
Johnson Electronics, Inc.
Librascope, Inc.
NYT Electronics, Inc.,
Ceorge A. Philbrick Researches, Inc.,
Redman Electronics Corp.
Stewart-Warner Corp.
Technitrol Engrg. Co.
Telectro Industries Corp.
Tobe Deutschmann Corp.
Topper Mfg. Co., Inc.

## Distributed-Constant Fixed

Richard D. Brew & Co., Inc.
Burnell & Co., Inc.
Central Coil Co., Inc.
\*DATA-CONTROL SYSTEMS, INC. Digitronics Corp. ECS Corp. ECS Corp.
Filtron Co., Inc.
Fugle-Miller Labs, Inc.
Gray & Kuhn, Inc.
North Atlantic Industries, Inc.
Johnson Electronics, Inc.
NYT Electronics, Inc.
Pulse Engrg., Inc.
Stewart-Warner Corp.
Technitrol Engrg. Co.
Telectro Industries Corp.
Topper Mfg. Co., Inc.
Tusson Instrument Corp.
Vanguard Electronics Co.

## Digital

Digital
Richard D. Brew & Co., Inc.
Burroughs Corp.
Computer Control Co., Inc.
Corning Glass Works
Digitronics Corp.
ECS Corp.
Ferranti Electric, Inc.
Filtron Co., Inc.
Gudeman Co., The
Johnson Electronics, Inc.
Librascope, Inc.
NYT Electronics, Inc.
Skiatron Electronics & Television Corp.
Telectro Industries Corp.
Tobo Deutschmann Corp.

## Distributed-Constant Variable

Richard D. Brew & Co., Inc.

\*DATA-CONTROL SYSTEMS, INC.
Digitronics Corp.
Filtron Co., Inc.
Helipot Corp.
Johnson Electronics Inc.
Telectron Industries Inc.
Topper Mfg. Co., Inc.
Tucson Instrument Corp.

## Lumped-Constant Fixed

Aerolite Electronics Corp. Richard D. Brew & Co., Inc.

Burnell & Co., Inc.
Carad Corp.
Digitronics Corp.
ECS Corp.
ECS Corp.
Electronic Associates, Inc.
Eria Resistor Inc.
Ferranti Electric Inc.
Filtron Co., Inc.
Filtron Co., Inc.
Gray & Kuhn Inc.
Gudeman Co., The
Johnson Electronics Inc.
NYT Electronics, Inc.
Orbitran Co., Inc.
Redman Electronics Corp.
Technitrol Engrg. Co.
Telectro Industries Corp.
Topper Mig. Co., Inc.
Tucson Instrument Corp.
Vanguard Electronics Co.
Westarn Coil Products Co.

## Lumped-Constant Variable

Richard D. Brew & Co., Inc.
\*DATA-CONTROL SYSTEMS INC.
Digitronics Corp.
Ecs Corp.
Electronic Associates, Inc.
Filtron Co., Inc.,
Filtron Co., Inc.,
Gudeman Co., The
Johnson Electronics, Inc.,
Telectro Industries Corp.
Topper Mfg. Co., Inc.,
Tucson Instrument Corp.
Vanguard Electronics Co.

## Printed Circuit

Richard D. Brew & Co., Inc.
Central Coil Co., Inc.
Ceramet Corp.
Cleveland Matal Specialties Co.
Computer Control Co., Inc.
Continental Diamond Fibre Corp., Sub.—The Continental Diamond Fi Budd Co. Corning Glass Works Ecs Corp. Fugle-Miller Labs, Inc. Gudeman Co., The Key Resistor Corp. Librascope, Inc. Milmanco NYT Electronics, Inc. Star Engraving Co., Ltd. Technitrol Engra, Co. Telectro Industries Corp. Tobe Deutschmann Corp. Topper Mig. Co., Inc.

## **DELAY NETWORKS**

Andersen Laboratories, Inc. Richard D. Brew & Co., Inc. Carad Corp. Carad Corp.

\*\*PATA-CONTROL SYSTEMS, INC.
Ecs. Corp.
Ecs. Corp.
Ferranti Electric, Inc.
Ferranti Electric, Inc.
General Instrument Corp., Dafense Products Div
General Railway Signal Co.
Gray & Kuhn, Inc.
Johnson Electronics, Inc.
NYT Electronics, Inc.
Orbitran Co., Inc.
Philco Corp., Government & Industrial Divs.
Pulse Engrg., Inc.
Skiatron Electronics Television Corp.
Technitrol Engrg., Co. Dafense Products Div. Skiatron Electronics & Tell Technitrol Engra, Co. Telectro Industries Corp. Tempo Instrument, Inc. Tobe Deutschmann Corp. Topper Mfg. Co., Inc. Tucson Instrument Corp. United Transformer Corp. Vanguard Elactronics Co. Waugh Engrg. Co.

## DEMODULATORS, COMPUTER

Burroughs Corp.
Celco-Constantine Engrg. Laboratories Co.
\*DATA-CONTROL SYSTEMS, INC.
Goodyear Aircraft Corp.
Hallamore Electronics Co. Haller Raymond & Brown, Inc. Chiprescope, Inc.
Philoo Corp., Government & Industrial Divs.
Radio Corporation of America, Defense Electronic Products
Telectro Industries Corp.

## DESTRUCTORS AND ASSOCIATED **MECHANISMS**

Elgin Micronics, West Coast Div.-Elgin National Watch Co. Hamilton Watch Co., Military Products Div.

McCormick Selph Associates Talco Engrg, Co., The Technical Oil Tool Corp. Telectro Industries Corp. Winchester-West, Div.-Olin Mathieson Chem.

## DETECTORS, MAGNETIC

Burroughs Corp.

\*DALMO VICTOR CO., DIV.TEXTRON, INC. Haller Raymond & Brown, Inc. Hammett Electric Co. Indiana Steel Products Co., Inc. Telectro Industries Corp.

## DETECTORS, SCINTILLATION

Baird-Atomic, Inc.
Farnsworth Electronics Co., Div.-Int'l Telephone
& Telegraph Corp.
Instruments Div.-Philips Electronics, Inc.
Gerard G. Leeds Co., Inc.
Menlo Research Lab.
Nuclear-Chicago Corp.
Skiatron Electronics & Television Corp.

\*WESTINGHOUSE ELECTRIC CORP.

## DIAL CRYSTALS

Lancaster Glass Corp. Sohl Co., The Spartan Marking Corp. Virginia Plak Co.

## DIALS, COMPLETE

DIALS, COMPLETE

Ackerman Engravers, Inc.

Acromark Co., The

Allied Engraving & Stamping Co.

Borg Equipment Div.-The George W. Borg Corp.

Canadian Radium & Uranium Corp.

Hamilton Watch Co., Military Products Div.

Jodee Plastics Co.

Lytle Engrg. & Mig. Co.

Print Loid, Inc.

Reeves Instrument Corp.

Sohl Co., The

Spartan Marking Corp.

Techniques, Inc.

Theta Instrument Corp.

United States Radium Corp.

Universal Unlimited, Inc.

Waldom Electronics, Inc.

## DIODES

DIODES

Boque Electric Mfg. Co.
Bomac Laboratories, Inc.
Clevite Transistor Products, Div.-Clevite Corp.
Corning Glass Works
Fansteel Metallurgical Corp.
Farnsworth Electronics Co., Div.-Int'l Telephone
& Telegraph Corp.
Gahagan, Inc.
General Instrument Corp., Defense Products Div.
Hoffman Electronics Corp., Semiconductor Div.
Hughes Products, Hughes Aircraft Co., Semiconductor Div.
Philoc Corp., Government & Industrial Divs.
Philoc Corp., Lansdale Tube Co. Div.
Sarkes Tarzian, Inc.
Telectro Industries Corp.
Transitron Electronic Corp.
United States Dynamics Corp.

\*WESTINGHOUSE ELECTRIC CORP.

## DIRECTION FINDERS

Collins Radio Co.
Electronic Communications, Inc.
Electronics Dept., Hamilton Standard Div.,
United Aircraft Corp.,
General Instrument Corp., Defense Products Div.
Haller Raymond & Brown, Inc.
Kearfoft Co., Inc.
Lane Electronics Mfg. Corp.
La Pointe Industries, Inc.
Lear, Inc.
Librascope, Inc.
Librascope, Inc.
Magnavox Co., The
Munston Mfg. & Service, Inc.
Servo Corp. of America
Skiatron Electronics & Television Corp.
Stromberg-Carlson, Electronics Div.
Sylvania Electronic Systems, Div.-Sylvania Electrolic Airc.
Telectro Industries Corp.
Wilcox Electron Lanc.

## DIRECTION FINDER ANTENNAS

Coaxial Connector Co., Inc.
Collins Radio Co.
Communications Co.
Defiance Engrg. & Microwave Corp.
Diamond Antenna & Microwave Corp.
General Instrument Corp., Defense Products Div.
Haller Raymond & Brown, Inc.
Kearfott Co., Inc.
La Pointe Industries, Inc.
Lear, Inc.
Magnavox Co., The
Shaw Metal Products Corp.
Sylvania Electronic Systems, Div-Sylvania Electric Products, Inc.

Technical Appliance Corp.
Telectro Industries Corp.
Thieblot Aviation Co., Div.-Vitro Corp. of
America
Westbury Electronics, Inc.

## DIRECTIONAL GYROS

\*AC SPARK PLUG DIV., GENERAL MOTOR CORP. Clary Dynamics Collins Radio Co. Eclipse-Pioneer Div., Bendix Aviation Corp. Geisler Labs.
General Electric Co., Appartus Sales Div.
Greenleaf Mfg. Co., The, Div.-Mandrel Indus-Greenleaf Mig. Co., The, Div.-Mandrel Industries, Inc.
Hamilton Watch Co., Military Products Div.
Kearfoff Co., Inc.,
La Pointe Industries, Inc.,
Lear, Inc.,
Grand Rapids Div.
Minneapolis-Honeywell Regulator Co., Aeronautical Div.
Minneapolis Honeywell Regulator Co., Boston Div. Div.
Pacific Scientific Co.
Reeves Instrument Corp.
Wave Particle Corp.
Whittaker Gyro, Div.-Telecomputing Corp.

## DIRECTORS, FLIGHT

Collins Radio Co. Eclipse-Pioneer Div., Bendix Aviation Corp. Kearfolt Co., Inc. Lear, Inc. Minneapolis-Honeywell Regulator Co., Boston Div. Stavid Engrg. Inc. Telectro Industries Corp.

## **DYNAMOMETERS**

Bogue Electric Mfg. Co,
Joe Davidson & Associates
W. C. Dillon & Co., Inc.
Eaton Mfg. Co.
Electric Auto-Lite Co., The
General Electric Co., Apparatus Sales Div.
Hamilton Watch Co., Military Products Div.
Kearfott Co., Inc.
Simpson Electric Co.
Telectro Industries Corp.
\*WESTINGHOUSE ELECTRIC CORP.

## ENGINE CONTROL SYSTEMS

Acoustica Associates, Inc.
American Electronics, Inc., Data-Tronics Div.
CDC Control Services, Inc.
COSCI Idaded Controls Corp.
Electronics Dept., Hamilton Standard Div.,
United Aircraft Corp.
\*GARRETT CORP., THE, AIRESEARCH MFG. DIVS.
Kearfoft Co., Inc.
Lear, Inc., Grand Rapids Div.
Marquardt Aircraft Co.
Mineapolis-Honeywell Regulator Co., Aeronautical Div.
Parameters, Inc.
Southwest Products Co.
Telectro Industries Corp.
Thieblot Aviation Co., Div.-Vitro Corp. of
America
Varo Mfg. Co.
\*WESTINGHOUSE ELECTRIC CORP., AIR ARM
DIV.

## EXITERS, FIELD

Bogue Electric Mfg. Co. Telectro Industries Corp.

## EXTENSIONS, SHAFT

Aerolite Electronics Corp.

## FILMS, CAPACITOR

Dilectrix Corp. Electron Products Inc.

## FILMS, PLASTIC FOR WOUND INSULATION

Allied Plastics Supply Corp.
Blaco Mfg. Co.
Dilectrix Corp.
Enflo Corp.
Sparta Mfg. Co.
Topper Mfg. Co., Inc.

## **FILTERS**

Airtron, Inc.
Aladdin Electronics, Div.-Aladdin Industries Inc.
Alto Scientific Co., Inc.
American Electronic Labs., Inc.
\*AMERICAN MACHINE & FOUNDRY CO.
American Research & Mig. Corp.
Applied Research Inc.
Canoga Corp. of California
Carad Corp.

Collins Engrg. Corp.
Corning Glass Works
Cuno Engrq. Corp., The
D & R. Ltd.
Daven Co., The
Defiance Engrg. & Microwave Corp.
Dwyer Engrg. Co., Inc.
Dever Engrg. Co., Inc.
Electron. Products Inc.
Electron. Products Inc.
Electron. Broducts Inc.
Electron. Broducts Inc.
Gabriel Co., The, Gabriel Electronics Div.
Goslin Electric & Mrg. Co.
Gudeman Co., The
Hermetic Seal Transformer Co., Div.-SouthWestern Industrial Electronics
Highland Engrg. Co.
Hycon Eastern Inc.
J-V-M Microwave Co.
J-V-M Microwave Co.
Lear, Inc.
Lear, Inc.
Lear, Inc.
Lenkurt Electric Co., Inc.
Munston Mrg. & Service, Inc.
NYT Electronics, Inc.
National Coil Co.
Ortha Filter Corp.
Polyphase Instrument Co.
Prodelin Inc.
Ram Electronics Inc.
Sage Laboratories, Inc.
Spectrum Instruments, Inc.
Superex Electric Corp.
Televiso Corp.
Telsor Electric Development Co., Inc.
Triad Transformer Corp.
Tuscon Instrument Corp.
Vanguard Electronics Co.
Varo Mrg. Co.
Warren Transformer Co., Inc.

## Antennas

Antennas

Adler Electronics, Inc.
Aerovox Corp.
Airtron, Inc.
Alto Scientific Co., Inc.
American Electronic Labs., Inc.
\*\*AMERICAN MACHINE FOUNDRY CO.
Applied Research Inc.
Canoga Corp. of California
Corning Glass Works
Daven Co., The
Defiance Engra. & Microwave Corp.
Diamond Antenna & Microwave Corp.
Diamond Antenna & Microwave Corp.
Diamond Antenna & Microwave Corp.
Diamond Iransformer Co., Inc.
Fuller Labs Inc.
General Instrument Corp., Defense Products Div.
Hycon Eastern Inc.
J.-V-M Microwave Co.
J. bnhson Co.
Johnson Electronics Inc.
Alford Industries Inc.
Microwave Electronics Div., Sperry Gyroscope
Co.
J. W. Miller Co.
Munston Mfg. & Service, Inc.
National Coil Co.
North Hills Electric Co., Inc.
Ortho Filter Corp.
Raiph M. Parsons Co., The, Electronics Div.
Polyphase Instrument Co.
Production Research Corp.
Standard Electronics Corp. Standard Electronics Div.,
Inc.
Superex Electronics Corp.
Technical Appliance Corp.
Telectro Industries Corp.
Tobe Deutschmann Corp.
Triad Transformer Corp.
Trix Mfg. Co., Inc.
United Transformer Corp.
Vanguard Electronics Co.
Varo Mfg. Co.
Warren Transformer Co.,
Wastern Coil Products Co.

## Audio

Aerovox Corp.
Airdesign Corp.
American Electronic Labs., Inc.
Browning Laboratories, Inc.
Burnell & Co., Inc.
Canoga Corp. of California
Chicago Electronic Engrg. Co., Inc.
D & R. Ltd. Chicago Electronic Engrg. Co., Inc. D & R. Ltd.

Da R. Ltd.

Da R. Ltd.

Daven Co., The Decorate Co., Inc. Decorate Co., The Decorate Co., Inc. Electronic Transformer Co., Inc. Fugle-Miller Labs Inc. General Instrument Corp., Defense Products Div. Goslin Electric & Mfg. Co.

Hermetic Seal Transformer Co., Div.-Southwestern Industrial Electronics

Highland Engrg. Co.

Johnson Electronics Inc.

La Pointe Industries Inc.

La Pointe Industries Inc.

Lenkurt Electric Co., Inc.

Lumen, Inc.

Munston Mfg. & Service, Inc.

NYT Electronics, Inc.
National Coil Co.
Orbitran Co., Inc.
Ortho Filter Corp.
Ryan Aeronautical Co.
Saraloga Industries
Spectrum Instruments, Inc.
Telectro Industries Corp.
Televiso Corp.
Televiso Corp.
Tensor Electric Development Co., Inc.
Tobe Deutschmann Corp.
Transformers, Inc.
Transonic, Inc.
Tresco, Inc.
Tresco, Inc.
Triad Transformer Corp.
Varo Mfg. Co.
Warren Transformer Co. Inc.
Western Electro-Acoustic Lab.

## Band Elimination

Band Elimination

Adler Electronics, Inc.
Aerovex Corp.
Airdesign Corp.
American Electronic Labs., Isc.
Applied Research, Inc.
Bulova Watch Co., Electric Div.
Burnell & Co., Inc.
Canoga Corp. of California
Carad Corp.
Chicago Electronic Engrg. Co., Inc.
D & R. Ltd.
\*\*DATA-CONTROL SYSTEMS, INC.
Daven Co., The
De Coursey Engrg. Lab.
Defiance Engrg. & Microwave Corp.
Diamond Antenna & Microwave Corp.
Entron, Inc.
Filtron Co., Inc.
Fugle-Miller Labs, Inc.
General Instrument Corp., Defense Products Div.
Hermetic Seal Transformer Co., Div.Southwestern Industrial Electronics
Hycon Eastern, Inc.
La Pointe Industries, Inc.
La Pointe Industries, Inc.
La Pointe Industries, Inc.
La Pointe Industries, Inc.
National Coil Co.
North Hills Electric Co., Inc.
Ortho Filter Corp.
Polyphase Instrument Co.
Poriter Co., The
Ram Electronics, Inc.
Sage Laboratories, Inc.
Saraloga Industries
Spectrum Instruments Inc.
Telectro Industries Corp.
Televiso Corp.
Tobe Deutschmann Corp.
Transformers, Inc.
Triad Transformer Corp.
Vano Mig. Co.
Warren Transformer Co., Inc.
Ovaro Mig. Co.
Warren Transformer Co., Inc.

## Band Pass

Chicago Electronic Engrg. Co., Inc., D & R., Ltd.

\*\*DATA-CONTROL SYSTEMS, INC.

Daven Co., The

De Coursey Engrg. Lab.

Defiance Engrg. & Microwave Corp.

Diamond Antenna & Microwave Corp.

Electronic Transformer Co., Inc.

Epsco, Inc.

Filtron Co., Inc.

Filtron Co., Inc.

General Instrument Corp., Defense Products Div.

Hermetic Seal Transformer Co., Div.
Southwestern Industrial Electronics

Highland Engrg. Co.

Hycon Eastern, Inc.

J.-W. Microwave Co.

Johnson Electronics, Inc.

Lenkurt Electric Co., Inc.

Microlab

J. W. Miller Co.

Munston Mfg. & Service, Inc.
NYT Electronics, Inc.
National Coil Co.
North Hills Electric Co., Inc.
Orbitran Co., Inc.
Orbitran Co., Inc.
Orbitran Co., Inc.
Orbitran Co., Inc.
Polyphase Instrument Co.
Polter Co., The
Pulse Engry., Inc.
Ram Electronics, Inc.
Ryan Aeronautical Co.
Sage Laboratories, Inc.
Saratoga Industries
Spectrum Instruments, Inc.
Standard Electronics Div., Radio Engrg. Labs,
Inc.
Inc.
Inc.
Inc.
Telectro Industries Corp.
Tobe Deutschmann Corp.
Topper Mfg. Co., Inc.
Transonic, Inc.
Tucson Instrument Corp.
United Electrodynamics, Div.-United Geophysical
Corp.
United Transformer Corp.
United Transformer Corp. United Electrodynamics, DIV. United Corp.
United Transformer Corp.
Vanguard Electronics Co.
Varo Mfg. Co.
Warren Transformer Co., Inc.
Western Coil Products Co.
Western Electro-Acoustic Lab.
WESTINGHOUSE ELECTRIC CORP.

Continuously Variable

Adler Electronics, Inc.
Defiance Engrg. & Microwave Corp.
Diamond Antenna & Microwave Corp.
Fugle-Miller Labs, Inc.
General Instrument Corp., Defense Products Div.
Johnson Electronics, Inc.
Microlab
Telectro Industries Corp.
Transformers, Inc.
Transonic, Inc.
Varo Mfg. Co.

Crystal

Bulova Watch Co., Electronics Div.
Burnell & Co., Inc.
Daven Co., The
Defiance Engrg. & Microwave Corp.
Diamond Antenna & Microwave Corp.
Hermetic Seal Transformer Co., Div.
Southwestern Industrial Electronics
Hycon Eastern, Inc.
James Knights Co., The
Lenkurt Electric Co., Inc.
McCoy Electronics Co
Midland Mfg. Co., Inc.
Ortho Filter Corp.
Spectrum Instruments, Inc.
Telectro Industries Corp.
Wright Electronics, Inc.

## Electric Wave Section

Burnell & Co., Inc. D & R. Ltd. Duriell & Co., Inc.
D & R., Ltd.

\*DATA-CONTROL SYSTEMS, INC.
Daven Co., The
Diamond Antenna & Microwave Corp.
Hermetic Seal Transformer Co., Div.Southwestern Industrial Electronics
J.-V.-M. Microwave Co.
NYT Electronics, Inc.
North Hills Electric Co., Inc.
Ortho Filter Corp.
Polyphase Instrument Co.
Spectrum Instruments, Inc.
Telectric Industries Corp.
Tensor Electric Development Co. Inc.
Tobe Deutschmann Corp.
Transonic, Inc. Transonic, Inc.
Triad Transformer Corp.
United Transformer Corp.

## High Pass

Adler Electronics, Inc.
Aerovox Corp.
Airdesign Corp.
Airdesign Corp.
Burnel Bectronic Labs., Inc.
American Research & Mfg. Corp.
Bullova Watch Co., Electronics Div.
Burnell & Co., Inc.
Canoga Corp. of California
Carad Corp.
Chicago Electronic Engrg. Co., Inc.
D & R. Ltd.
DATA-CONTROL SYSTEMS INC. D & R. Ltd.

\*PATA-CONTROL SYSTEMS, INC.
Daven Co., The
De Coursey Engrg, Lab.
Diamond Antenna & Microwave Corp.
Defiance Engrg. & Microwave Corp. Defiance Engrg. & Microwave Corp.
Ecs Corp.
Electronic Transformer Co., Inc.
Enfron, Inc.
Filfron Co., Inc.
General Instrument Corp., Defense Products, Div.
Hermetic Seal Transformer Co., Div.Southwestern Industrial Electronics
Highland Engrg. Co. J-V-M Microwave Co.
Johnson Electronics, Inc.
Lenkurt Electric Co., Inc.
Microlab
J. W. Miller Co.
Munston Migs. Service, Inc.
National Coil Co.
North Hills Electric Co., Inc.
Orbitran Co., Inc.
Sage Laboratories, Inc.
Sage Laboratories, Inc.
Superex Electronics Corp.
Ielectro Industries Corp.
Ielectro Industries Corp.
Ielenic Industries, Inc.
Tensor Electric Development Co., Inc.
Tobe Deutschmann Corp.
Transformers, Inc.
Transor, Inc.
Tucson Instrument Corp.
United Transformer Corp.
Vanguard Mig. Co.
Western Coil Products Co.
Western Electro-Acoustic Lab.

Aerovox Corp.

\*\*BAUSCH & LOMB OPTICAL CO.
Bulova Watch Co., Electronics Div.
Burnell & Co., Inc.
Canoga Corp. of California
Carad Corp.
Daven Co., The
De Coursey Engrg. Lab.
Dwyer Engrg. Co., Inc.
Fugle-Miller Co., Inc.
General Instrument Corp., Defense Products, Div.
Goslin Electric & Mfg. Co.
Gray & Kuhn, Inc.
Hycon Eastern, Inc.
Johnson Electronics, Inc.
J. W. Miller Co.
National Coil Co., North Hills Electric Corp.
Polyphase Instrument Co.
Potter Co., The
RS Electronics Corp.
Ram Electronics Corp.
Tensor Electronics Corp.
Vanguard Electronics Co.
Varo Mfg. Co.
Western Coil Products Co.

## Interference

Interference

Aerovox Corp.
Airborne Accessories Corp.
Airborne Accessories Corp.
American Electronic Labs., Inc.
Axel Electronics
De Coursey Engrg. Lab.
Eastman Kodak Co.
Electron Products, Inc.
Filtron Co., Inc.
Filtron Co., Inc.
Fugle-Miller Labs., Inc.
General Instrument Corp., Defense Products Div.
Gudeman Co., The
Hallett Mfg. Co.
Hermetic Seal Transformer Co., Div.Southwestern Industrial Electronics
Interference Measurement Laboratory, Inc.
Johnson Electronics, Inc.
Microlab
J. W. Miller Co.
Ortho Filter Corp.
Potter Co., The
Superex Electronics Corp.
Ielectro Industries Corp.
Ielectro Industries Corp.
Ieleviso Corp.
Tobe Deutschmann Corp.
Transonic, Inc.
United Transformer Corp.
Varo Mfg. Co.

## Low Pass

Adler Electronics, Inc.
Aerovox Corp.
Airdesign Corp.
Airdesign Corp.
American Electronic Labs., Inc.
American Research & Mfg. Corp.
Axel Electronics
Bulova Watch Co., Electronics Div.
Burnell & Co., Inc.
Canoga Corp. of California
Carad Corp.
Chicago Electronic Engrg. Co., Inc.
D & R. Ld.
Daven Co., The
De Coursey Engrg.
Lab.
Defiance Engrg. & Microwave Corp.



# UNION family of high-quality miniature relays is designed for dependable performance in guided missile environments

Do you need a relay to operate with unusual reliability under severe conditions of temperature, shock, and vibration? Or one that functions on low "dry-circuitry" loads? For AC or DC circuits? Or special applications? You can find almost any relay you need in the UNION line.

UNION Miniature Relays were originally developed for use in airborne and guided missile electronic equipment and meet or exceed the requirements of Mil-R-25018, Mil-R-6106C and Mil-R-5757C. Their reliability and small size have led to their use in many industrial applications such as traffic control systems, computers, resistance welders and other electronic equipment.

Look over the many types of UNION Miniature Relays available, as shown here, and write for our Bulletin 1014 containing complete information.

## **Outstanding Features**

1. Superior Contacts Standard HI-LO contacts permit high loads and low loads to be handled at the same time in one

relay. Dry-circuit contacts are available when utmost reliability is desired for low-level, dry-circuit loads.

- 2. Coil Resistances Available in standard case from .9 to 8750 ohms and in long case from 1.6 to  $13{,}600$  ohms.
- 3. Temperature Rating Class "A"  $-55^{\circ}$ C to  $+85^{\circ}$ C; Class "B"  $-65^{\circ}$ C to  $+125^{\circ}$ C.
- **4. AC** or **DC Models** Nominal operating voltages from 1.5 to 160 volts DC; 115 volts, 60 to 400 C.P.S., AC. AC relays incorporate built-in rectifiers and have same reliability as DC relays.
- 5. Types and Mountings All relays available in 6PDT or 4PDT models, plug-in or solder-lug connections, and all the usual mountings.
- **6.** Special Relays Slow-acting relays for applications requiring a differential between operate time of various relays; Plate-circuit relays which operate on less than 8 milliamperes; Double-coil relays with each coil enabling operation of the relay . . . available on special order.



UNION SWITCH & SIGNAL

DIVISION OF WESTINGHOUSE AIR BRAKE COMPANY

PITTSBURGH 18. PENNSYLVANIA

Diamond Antenna & Microwave Corp.
Douglas Microwave Co., Inc.
Ess Corp.
Electronic Transformer Co., Inc.
Epsco, Inc.
Filtron Co., Inc.
Fugle-Miller Labs., Inc.
General Instrument Corp., Defense Products Div.
Gudeman Co., The
Gulton Industries, Inc.
Hermetic Seal Transformer Co., Div.Southwestern Industriel Electronics
Highland Engrg. Co.
J.-V.M Microweve Co.
E. F. Johnson Co.
Johnson Electronics, Inc.
Lenkurt Electric Co., Inc.
Microleb Microwave Development Labs., Inc.
J. W. Miller Co.
Munston Mfg. & Service, Inc.
National Coil Co.
North Hills Electric Co., Inc.
Orbitien Co., Inc.
Orbitien Co., Inc.
Orbitien Co., Inc.
Orbitien Co., Inc.
Seratoga Industries
Spectrum Instrument Co.
Seratoga Industries
Spectrum Instruments, Inc.
Superex Electronics Corp.
Ielectro Industries Corp.
Ielectro Industries Corp.
Ielectro Industries Corp.
Ielectro Industries Corp.
Ielectro Industries, Inc.
Iose Deutschmenn Corp.
Iopper Mfg. Co., Inc.
Tucson Instrument Corp.
Varo Mfg. Co., Inc.
Trensonic, Inc.
Tucson Instrument Corp.
Varo Mfg. Co., Mestern Coil Products Co.
Western Coil Products Co.
Western Electro-Acoustic Lab.

Microwave

## Microwave

Aerovox Corp. Aircom, Inc. Aircom, Inc.
Alired Research & Engrg., Div.-Allied Record
Mfg. Co.
Applied Research, Inc.
Canoga Corp. of Californie
Continental Diamond Fibre Corp., Sub.—The Continental Diamond Fibre Corp., Sub.—The Budd Co.

\*DALMO VICTOR CO., DIV-TEXTRON, INC.
Defiance Engrg. & Microweve Corp.
Demornay-Bonardi
Diamond Antenna & Microweve Corp.
Douglas Microwave Co., Inc.
Dwyer Engrg. Co., Inc.
Dwyer Engrg. Co., Inc.
Thomas T. Fox Co.
General Instrument Corp., Defense Products Div.
John Gombos Co., Inc.
Hermetic Seal Transformer Co., Div.
Southwestern Industrial Electronics
J-V-M Microwave Co.
Johnson Electronics, Inc.
Le Pointe Industries, Inc.
Microlab
Microwave Electronics Div., Sperry Gyroscope Johnson Electronics, Inc.
Microlab
Microwave Electronics Div., Sperry Gyroscope
Co.
NYT Electronics, Inc.
Narda Microwave Corp., The
Polarad Electronics Corp.
Polyphase Instrument Co.
Radar Design Corp.
Ryan Aeronautical Co.
Sage Laboratories, Inc.
Sanders Associates, Inc.
Technical Appliance Corp.
Technical Appliance Corp.
Technicales, Inc.
Teletro Industries Corp.
Teletro Industries Corp.
Teletro Industries Corp.
Tobe Deutschmann Corp.
Transonic, Inc.
Uniwave, Inc.
Vanguard Electronics Co.
Varo Míg. Co.
Waveline, Inc.
Waveguide, Inc.

## Noise Suppressing

Aerovox Corp.
Airborne Accessories Corp.
Allied Witan Co., Inc.
Axel Electronics Axel Electronics
\*BAUSCH & LOMB OPTICAL CO.
Filtron Co., Inc.
Filtron Co., Inc.
General Instrument Corp., Defense Products Div.
General Sound Control, Inc.
Gudeman Co., The
Hallett Mfg. Co.
Hermetic Seal Transformer Co., Div.
Southwestern Industrial Electronics
Interference Measurement Laboratory, Inc. Johnson Electronics, Inc.
Le Pointe Industries Inc.
P. R. Mallory & Co. Inc.
Microlab
J. W. Miller Co.
Ortho Filter Corp.
Polyphase Instrument Co.
Potter Co., The
Spectrum Instruments, Inc.
Telectro Industries Corp.
Televiso Corp.
Tobe Deutschmann Corp.
United Transformer Corp.
Varo Mfg. Co.

## Polarizing

Dwyer Engrg. Co., Inc. General Instrument Corp., Defense Products Div. Telectro Industries Corp. Transonic, Inc.

## Radio

Aerovox Corp.
Browning Laboretories, Inc.
Bulova Watch Co., Electronics Div.
Fugle-Miller Labs Inc.
General Instrument Corp., Defense Products Div.
Johnson Electronics Inc.
Le Pointe Industries Inc.
J. W. Miller Co.
Nationel Coil Co.
Potter Co., The
Telectro Industries Corp.
Televiso Corp.
Tobe Deutschmann Corp.
Transonic, Inc.
Varo Mfg. Co.

## Radio Noise

Standard Electronics Div., ke Inc.
Telectro Industries Corp.
Televiso Corp.
Tobe Deutschmann Corp.
Vanguard Electronics Co.
Varo Mfg. Co.
Vibration Research Labs., Inc.

## R-F

Aerovox Corp.
Airborne Accessories Corp.
Airborne Accessories Corp.
Airborne Inc.
Air-Maze Corp.
Airtron, Inc.
American Electronic Labs., Inc.
Applied Research Inc.
Blonder-Tongue Labs., Inc.
Bulova Wetch Co., Electronics Div.
Canoga Corp. of Celifornia
Daven Co., The
Defiance Engrg. & Microwave Corp.
Diamond Antenna & Microwave Corp.
Dyer Engrg. Co., Inc.
Entron, Inc.
Filtron Co., Inc.
Fugle-Miller Labs
General Instrument Corp., Defense Products Div.
Gudeman Co., The
Hermetic Seal Transformer Co., Div.-Southwestern Industrial Electronics
J-V-M Microwave Corp.
E. F. Johnson Co.
Johnson Electronics Inc.
Microlab
J. W Miller Co. Aerovox Corp. Donson Co.
Johnson Co.
Johnson Electronics Inc.
Microlab
J. W. Miller Co.
NYT Electronics, Inc.
Nationel Coil Co.
North Hills Electric Co., Inc.
Ortho Filter Corp.
Polarad Electronics Corp.
Polyphase Instrument Co.
Potter Co., The
Ram Electronics Inc.
Sage Laboretories, Inc.
Telectro Industries Corp.
Televiso Corp.
Telonic Industries, Inc.
Tobe Deutschmann Corp.
United Transformer Corp. United Transformer Corp. Vero Mfg. Co. Vibretion Research Labs., Inc.

Western Coil Products Co.

## Telemetering

Adler Electronics, Inc. Aerovox Corp.
Airdesign Corp.
Aladdin Electronics Div.-Aladdin Industries Inc. Aladdin Electronics Div.-Aladdin Indus'
American Electronic Labs., Inc.
\*AVCO MFG. CORP., CROSLEY DIV.
Bulova Wetch Co., Electronics Div.
Burnell & Co., Inc.
Carad Corp.,
D & R, Ltd.
\*DATA-CONTROL SYSTEMS INC.
Datas Co. The \*DATA-CONTROL SYSTEMS INC.
Daven Co., The
De Coursey Engrg. Lab.
Elco Corp.
Electronic Transformer Co., Inc.
Electronic Transformer Co., Inc.
Electronic Seal Transformer Co.,
Western Industrial Electronics
Hycon Eastern Inc.
Johnson Electronics Inc.
La Pointe Industries Inc.
Lenkurt Electric Co., Inc.
Microlab
NYT Electronics, Inc.
Ortho Filter Corp.
Pacific Diversedix Aviation Corp.
Pluse Engrg., Inc.
Saraloga Industries Corp.
\*\*TELE-DYNAMICS INC.
Tobe Deutschmann Corp.
Transonic, Inc.
United Electrodynamics, Div.-United Geophysical Corp.
United Trensformer Corp.
Vanguard Electronics Co.
Varo Mig. Co.
\*\*WESTINGHOUSE ELECTRIC CORP. Uhf & Vhf

Uht & Vht

Aerovox Corp.
American Electronic Lebs., Inc.
\*AVCO MFG. CORP., CROSLEY DIV.
Canoge Corp. of Californie
Entron, Inc.
Filtron Co., Inc.
Generel Instrument Corp., Defense Products Div.
J-V-M Microwave Co.
Johnson Electronics Inc.
La Pointe Industries Inc.
Microlab
Nerda Microwave Corp., The
National Coil Co.
Ortho Filter Corp.
Polarad Electronics Corp.
Radar Design Corp.
Standard Electronics Div., Radio Engrg. Labs.
Inc. inc. Inc.
Telectro Industrial Corp.
Tobe Deutschmenn Corp.
Varo Mfg. Co.
Wright Zimmerman, Inc.

## Vacuum System

International Pump & Machine Works Spectrum Instruments, Inc. Telectro Industries Corp. Tensor Electric Development Co., Inc.

## Variable Electronic

Electronic Associates, Inc.
General Instrument Corp., Defense Products Div.
Johnson Electronics Inc.
La Pointe Industries Inc.
Ortho Filter Corp.
Standard Electronics Div., Radio Engrg. Labs. Inc.
Telectro Industries Corp.
Transonic, Inc.

## Vestigial Sideband

Bulova Wetch Co., Electronics Div.
Burnell & Co., Inc.
Canoga Corp. of Californie
D & R, Ltd.
Daven Co., The
Johnson Electronics Inc.
Ortho Filter Corp.
Standard Electronics Div., Radio Engrg. Labs.
Inc. Telectro Industries Corp. Transonic, Inc. United Transformer Corp.

## Wave Trap

Aerovox Corp.
Bulova Watch Co., Electronics Div.
Fugle-Miller Labs., Inc.
General Instrument Corp., Defense Products Div.
La Pointe Industries, Inc.
Microwave Development Lebs., Inc.
J. W. Miller Co.,
National Coil Co.

North Hills Electric Co., Inc. Ram Electronics, Inc. Techniques, Inc. Telectro Industries Corp. Tobe Deutschmann Corp. Transonic, Inc. United Transformer Corp. Vanguard Electronics Co. Western Coil Products Co.

## FLANGES, MICROWAVE

FLANGES, MICROWAVE

Ainslie Corp.
Aircom, Inc.
Airtron, Inc.
Bendix Aviation Corp., York Div.
Coavial Connector Co., Inc.
Connector Corp. of America
Co-Operative Industries, Inc.
Defiance Engrg. & Microwave Corp.
Demornay-Bonardi
Diamond Antenna & Microwave Corp.
Dithmore-Freimuth Corp.
Douglas Microwave Co., Inc.
John Gombos Co., Inc.
John Gombos Co., Inc.
JV-M Microwave Co.
Kearfott Co., Inc.
Prodelin, Inc.
Prodelin, Inc.
Radar Resign Corp.
Ryan Aeronautical Co.
Technical Appliance Corp.
Technical Opil Tool Corp.
Telectro Industries Corp.
\*\*TELERAD MFG. CORP.
Uniwave, Inc.
\*\*WASHINGTON ALUMINUM CO., INC.

\*\*WASHINGTON ALUMINUM CO., INC.

## FLIGHT DIRECTORS

Eclipse-Pioneer Div., Bendix Aviation Corp. Kearfott, Co., Inc. Kemlite Laboratories, Inc. Kemlite Laboratories, Inc. Lear, Inc. Minneapolis-Honeywell Regulator Co., Aeronautical Div.
Minneapolis-Honeywell Regulator Co., Boston Div. Stavid Engrg., Inc. Telectro Industries Corp. Thieblot Aviation Co., Div.-Vitro Corp. of America

## FLIGHT TERMINATION DEVICES

McCormick Selph Associates Minneapolis-Honeywell Regulator Co., Boston Div.
Telectro Industries Corp.
Ultradyne, Inc.
United Control Corp.

FREQUENCY METERS

FREQUENCY METERS

Adler Electronics, Inc.
Aircom, Inc.
Airtron, Inc.
Computer-Measurements Corp.

\*AMERICAN MACHINE & FOUNDRY CO.
Demornay-Bonardi
Diamond Antenna & Microwave Corp.
Douglas Microwave Co., Inc.
Dunlap Electronics, Inc.
Dynac, Inc.
Erie Resistor Corp.
General Communication Co.
General Electric Co., Apparatus Sales Div.
General Instrument Corp., Defense Products Div.
John Gombos Co., Inc.
Hammett Electric Co.
Hickok Electrical Instrument Co., The
Gerard G. Leeds Co., Inc.
Microwave Electronics Div., Sperry Gyroscope
Co.
National Coil Co.

Microwave Electronics Div., Sperr Co.
Co.
National Coil Co.
Potter Aeronautical Corp.
Radar Design Corp.
Sage Laboratories, Inc.
Telectro Industries Corp.
\*TELERAD MFG. CORP.
Varo Mfg. Co.
Wacline, Inc.
Waugh Engrg. Co.
\*WESTINGHOUSE ELECTRIC CORP.

## FUSES, INSTRUMENT

American Brass Co., The Bussmann Mig. Div., McGraw-Edison Co. Librascope, Inc. Sel-Rex Corp. Sighimaster Corp.-Mutual Electronic Industries, Inc. Inc.
Telectro Industries Corp.

## GERMANIUM

Accurate Specialties Co., Inc.
American Optical Co., Instrument Div.
Anchor Metal Co., Inc.
Bram Metallurgical & Chemical Co.
Bram Metallurgical & Chemical Co.
Eagle-Picher Co., The
Harmon, Lichtenstein & Co.
Hughes Products, Hughes Aircraft Co., Semiconductor Div.

Metals & Controls Corp. Sel-Rex Corp.

## GOLD

Accurate Specialties Co., Inc.
American Silver Co.
Anchor Metal Co., Inc.
Artleboro Refining Co., Inc.
Bram Metallurgical & Chemical Co.
Wilbur B. Driver Co.
Eastern Smelting & Refining Corp.
Engelhard Industries, Inc., D. E. Makepeace
Div.
General Findings & Supply Co., Industrial Div.
Goldsmith Brothers Smelting & Refining Co.
Hamilton Watch Co., Military Products Div.
Handy & Harman
Harper-Leader, Inc.
Leach & Garner Co., Industrial Div.
Metals & Controls Corp.
J. M. Ney Co., The
Thieblot Aviation Co., Div.-Vitro Corp. of
America
Tricon Mfg. Co.

GROUND LANDING SYSTEMS GROUND LANDING SYSTEMS

Air Logistics Corp.

\*AMERICAN MACHINE & FOUNDRY CO.

General Railway Signal Co.

Haller Raymond & Brown, Inc.

Irving Air Chute Co., Inc.

Minneapolis-Honeywell Regulator Co., Areonautical Div.

Motorola Inc., Military Marketing Div.

Radio Corporation of America, Defense Electronic Products

Reeves Instrument Corp.

Rean Aeronautical Co.

Skiatron Electronics & Television Corp.

Stewart-Warner Corp.

Sum Electric Corp.

Telectro Industries Corp.

Thieblot Aviation Co., Div.-Vitro Corp. of America

United Mfg. Co., The

Wilcox Electric Co., Inc.

## GUIDANCE EQUIPMENT, MISSILES

GUIDANCE EQUIPMENT, MISSILES

\*AC SPARK PLUG DIV., GENERAL MOTOR CORP.
Aeronautical & Instrument Div., RobertshawFulton Controls Co.
Airtron, Inc.

\*AMERICAN MACHINE & FOUNDRY CO.
American Research & Mfg. Corp.
Analogue Controls, Inc.
Arma Div.-American Bosch Arma Corp.
Burroughs Corp.
Cadillac Gage Co.
Consolidated Avionics Corp.
Cubic Corp.

\*PALMO VICTOR CO., DIV.-TEXTRON, INC.
Davidson Mfg. Co.
Dwyer Engrg. Co., Inc.
Eclipse-Pioneer Div., Bendix Aviation Corp.
Emerson Electric Mfg. Co., The, Electronics &
Avionics Div.
Farnsworth Electronics Co., Div.-Int'l Telephone
& Telegraph Corp.
\*GARREIT CORP., THE, AIRESEARCH MFG.
DIVS.
Geisler Labs.
General Precision Lab., Inc.
Greenleaf Mfg. Co., The, Div.-Mandrel Industries, Inc.
Gerdellaf Mfg. Co., The, Div.-Mandrel Industries, Inc.
Guided Missile Div.-De Havilland Aircraft of

Greenleaf Mfg. Co., The, Div.-Mandrel Industries, Inc.
Guided Missile Div.-De Havilland Aircraft of
Canada, Ltd.
Hallamore Electronics Co.
Haller Raymond & Brown, Inc.
\*\*HAYWARD SCIENTIFIC GLASS CORP.
Hazeltine Electronics Div.-Hazeltine Corp.
Iron Fireman Mfg. Co., Electronics Div.
Lear, Inc., Grand Rapids Div.
Librascope, Inc.
Machanical Div.-General Mills, Inc.
Minneapolis-Honeywell Regulator Co., Aeronautical Div.
Motorola, Inc., Military Marketing Div.
Nuclear Products-Erco, Div.-ACF Industries, Inc.
Patterson, Moos Div.-Universal Winding Co.,
Inc.

Nuclear Products-Erco, Div.-ACF Industries, Inc.
Patterson, Moos Div.-Universal Winding Co.,
Inc.
Perkin-Elmer Corp.
Radio Corporation of America, Defense Electronic Products
Reeves Instrument Corp.
Royal Industries, Inc.
Ryan Aeronautical Co.,
Sanders Associates, Inc.
Skiatron Electronics & Television Corp.
Stavid Engrg., Inc.
Stewart-Warner Corp.
Sylvania Electronic Systems, Div.-Sylvania Electric Corp.
Sylvania Electronic Systems, Div.-Sylvania Electric Corp.
Telectro Industries Corp.
\*\*TELE-DYNAMICS INC.
Thieblot Aviation Co., Div.-Vitro Corp. of America
Ultradyne, Inc.
Varo Mfg. Co.

Wave Particle Corp.
\*WESTINGHOUSE ELECTRIC CORP., AIR ARM

## **GUIDANCE SYSTEMS**

American Optical Co., Instrument Div.
Analogue Controls, Inc.
Atlantic Instrument Corp., Sub-American Electronics, Inc.
Autonetics, Div. North American Aviation, Inc.
\*\*BAUSCH & LOMB OPTICAL CO.
Burroughs Corp.
Canoga Corp. of California
Curtiss-Wright Corp., Industrial & Scientific
Products Div.
Thomas A. Edison Ind., Instrument Div.—McGrawEdison Co.
Electronic Communications, Inc.
Electronics Dept., Hamilton Standard Div.,
United Aircraft Corp.
Emerson Electric Mfg. Co., The, Electronics Avionics Div.
Farnsworth Electronics Co., Div.-Int'l Telephone
& Telegraph Corp.

& Telegraph Corp. \*GARRETT CORP., THE, AIRESEARCH MFG. DIVS.

\* lelegraph Corp.

\*\*ARRETT CORP., THE, AIRESEARCH MFG. DIVS.
Geisler Labs.
General Electric Co., Apparatus Sales Div.
General Precision Lab. Inc.
Goodyear Aircraft Corp.
Guided Missile Div.-De Havilland Aircraft of
Canada, Ltd.
Haller Raymond & Brown Inc.
Hamilton Watch Co., Military Products Div.
\*\*HATWARD SCIENTIFIC GLASS CORP.
Kearlott Co. Inc.
Lear, Inc.
Librascope Inc.
Mechanical Div.-General Mills, Inc.
Minneapolis-Honeywell Regulator Co., Aeronautical Div.
Motorola Inc., Military Marketing Div.
Nuclear Products-Erco, Div.—ACF Industries Inc.
Pacific Div.-Bendix Aviation Corp.
Patterson, Moos Div.-Universal Winding Co.,
Inc.
Corp. Government & Industrial Divs.

Patterson, Moos Div.-Universal Winding Co., Inc.
Philco Corp., Government & Industrial Divs.
Radio Corporation of America, Defense Electronic Products
Reeves Instrument Corp.
Ryan Aeronautical Co.
Sanders Associates, Inc.
Servomechanisms, Inc.
Skiatron Electronics & Television Corp.
Stavid Engrg, Inc.
Stavort-Warner Corp.
Sylvania Electronic Systems, Div.-Sylvania Electronic Systems, Div.-Sylvania Electronic Systems, Div.-Vitro Corp. of America
Wave Pacific Corp.
\*WESTINGHOUSE ELECTRIC CORP., AIR ARM
DIV.
Wilson, Electric Co., Inc.

DIV. Wilcox Electric Co., Inc.

## Infrared

American Optical Co., Instrument Div.
Analogue Controls, Inc.
Atlantic Instrument Corp., Sub-Amarican Electronics, Inc.
Barnes Engineering Co.
Barnes Engineering Co.
Barnes Engineering Co.
Electronic Communications, Inc.
Electronics Corp. of America
Electronics Corp. of America
Electronics Corp. of America
Electronics Corp. of Lamilton Standard Div.,
United Aircraft Corp.
General Precision Lab. Inc.
Guided Missile Div.-De Havilland Aircraft of
Canada, Ltd.
Aller Raymond & Brown Inc.
Hoffman Electronics Corp., Semiconductor Div.
Infrared Industries Inc.
Kepp Glass, Inc.
Kepp Glass, Inc.
Librascope Inc.
Kepnile Laboratories, Inc.
Kopp Glass, Inc.
Librascope Inc.
Mechanical Div.-General Mills, Inc.
Mineapolis-Honeywell Regulator Co., Aeronautical Div.,
Motorola Inc., Military Marketing Div.
Patterson, Moos Div.-Universal Winding Co.,
Inc.
Philico Corp., Government & Industrial Divs. Patterson, Moos Div.-Universal Winding Co., Inc.
Philco Corp., Government & Industrial Divs.
Q. O. S. Corp.
Ryan Aeronautical Co.
Skratron Electronics & Television Corp.
Stavid Engra, Inc.
Stewart-Warner Corp.
Sylvania Electronic Systems, Div.-Sylvania Electronic Telectron Corp.
Telectron Industries Corp.
Thieblot Aviation Co., Div.-Vitro Corp. of America

## Inertial

\*AC SPARK PLUG DIV., GENERAL MOTOR CORP. Analogue Controls, Inc. Arma Div.-American Bosch Arma Corp.

America
\*WESTINGHOUSE ELECTRIC CORP., AIR ARM
DIV.
Wollensak Optical Co.

Atlantic Instrument Corp., Sub-American Elec-Atlantic Instrument Corp., Sub-American Elec-tronics, Inc.
Autonetics, Div.-North American Aviation, Inc.
Burroughs Corp.
Daystrom Pacific Div., Daystrom Inc.
Eclipse-Pioneer Div., Bendix Aviation Corp.
Electronics Dept., Hamilton Standard Div.,
United Aircraft Corp.
Ford Instrument Corp. Fora Institution Gesisler Labs. General Electric Co., Apparatus Sales Div. Haller Raymond & Brown Inc. Kearfott Co., Inc. Haller Raymond & Brown Inc.
Kearfott Co., Inc.
Lear, Inc.,
Librascope Inc.,
W. L. Maxson Corp., The
Mechanical Div.- General Mills, Inc.
Minneapolis-Honeywell Regulator Co., Aeronautical Div.
Reeves Instrument Corp.
Skiatron Electronics & Television Corp.
Sylvania Electronic Systems, Div.-Sylvania Electric Products Inc.
Technical Oil Tool Corp.
Telestro Industries Corp.
M. Ten Bosch, Inc.
Thieblot Aviation Co., Div.-Vitro Corp of America
Wave Particle Corp.

## Radar

Airfron, Inc.
Analogue Controls, Inc.
Burroughs Corp.
Canoga Corp. of California
Coleman Engrg. Co., Inc.
\*DALMO VICTOR CO., DIV.-TEXTRON, INC.
Daystrom Instrument Div., Daystrom, Inc.
Demornay-Bonard:
Electronic Death \*DALMO VICTOR CO., DIV.-TEXTRON, INC.
Daystrom Instrument Div., Daystrom, Inc.
Demornay-Bonardi
Electronics Dept., Hamilton Standard Div.,
United Aircraft Corp.
Geisler Lebs.
General Instrument Corp., Defense Products Div.
General Precision Lab. Inc.
Goodyear Aircraft Corp.
Hazeltine Electronics Div.-Hazeltine Corp.
Hazeltine Electronics Div.-Hazeltine Corp.
Hazeltine Electronics Div.-Hazeltine Corp.
Haller Raymond & Brown Inc.
J.-V.-M Microwave Co.
Kearfott Co., Inc.
Librascope Inc.
Magnavox Co., The
Mcchanical Div.-General Mills, Inc.
Motorola Inc., Military Marketing Div.
Pacific Div.-Bendix Aviation Corp.
Philco Corp., Government & Industrial Divs.
Prodellin Inc.
RS Electronics Corp.
\*\*RADIATION, INC.
Reeves Instrument Corp.
Ryan Aeronautical Co.
Sanders Associates, Inc.
Stavid Engrg., Inc.
Stewart-Warner Corp.
Stavid Engrg., Inc.
Stewart-Warner Corp.
Stavid Engrg., Inc.
Stewart-Warner Corp.
Teletan Corp.
Teletan Corp.
Teletan Corp.
Teletan Director Corp.
Teletan Corp.
Thieblot Aviation Co., Div.-Vitro Corp. of
America
Wave Particle Corp.
\*\*WESTINGHOUSE ELECTRIC CORP., AIR ARM
DIV.

Radio

Amelco, Inc. Analogue Controls, Inc. Burroughs Corp. Coleman Engrg. Co., Inc. Collins Radio Co. Collins Radio Co.

\*\*COOPER DEYELOPMENT CORP.
Cubic Corp.
\*\*CATA-CONTROL SYSTEMS INC.
Electronic Communications, Inc.
Electronic Sopert., Hamilton Standard Div.,
United Aircraft Corp.
General Instrument Corp., Defense Products Div.
Haller Raymond & Brown Inc.
Kearfott Co., Inc.
Lear. Inc.
Lear. Inc. Kearfott Co., Inc.
Lear, Inc.
Librascope Inc.
Librascope Inc.
Mother Corp.
Mother Mother Corp.
Mother Mothe

\*WESTINGHOUSE ELECTRIC CORP.
Wilcox Electric Co., Inc.

Stellar

Analogue Controls, Inc.
Analogue Controls, Inc.
Autonetics, Div.-North American Aviation, Inc.
Davidson Mfg. Co.
Eclipse-Pioneer Div., Bendix Aviation Corp.
Electronic Communications, Inc.
Electronics Dept., Hamilton Standard Div.,
United Aircraft Corp.
Haller Raymond & Brown, Inc.
Kearfott Co., Inc.
Kollsman Instrument Corp., Sub.-Standard Coil
Products Co., Inc.
Librascope, Inc.
Mchanical Div.-General Mills, Inc.
Motorola, Inc., Military Marketing Div.
Reeves Instrument Corp.
Skiatron Electronics & Television Corp.
Felectro Industries Corp.
Thieblot Aviation Co., Div.-Vitro Corp. of
America

Pilotless Aircraft

Pilotless Aircraft

\*AC SPARK PLUG DIV., GENERAL MOTOR CORP.
ACF Industries, Inc., Advanced Products Div.
Amelco, Inc.
Analogue Controls, Inc.

\*COOPER DEVELOPMENT CORP.

\*\*DATA-CONTROL SYSTEMS, INC.
Eclipse-Pioneer Div., Bendix Aviation Corp.
Thomas A. Edison Ind., Instrument Div.—
McGraw-Edison Co.
Electronics Corp. of America
Electronics Corp. of America
Electronics Corp. Hamilton Standard Div.,
United Aircraft Corp.
Haller Raymond & Brown Inc.
Kearfott Co., Inc.
Lear, Inc.
Lear, Inc., Grand Rapids Div.
Librascope, Inc.
W. L. Maxson Corp., The
Minneapolis-Honeywell Regulator Co., Boston
Div., Motorola Inc. Military, Marketing Div.
Motorola Inc. Military, Marketing Div.
Motorola Inc. Military, Marketing Div. Minneapolis-Honeywell Kegulator Co.,
Div.
Div.
Motorola, Inc., Military Marketing Div.
Pacific Div.-Bendix Aviation Corp.
Philco Corp., Government & Industrial Divs.
Reeves Instrument Corp.
Ryan Aeronautical Corp.
Skiatron Electronics & Television Corp.
Tactair Valve Div.-Aicraft Products Co.
Telectro Industries Corp.
\*TELE-DYNAMICS, INC.

GUIDED MISSILE TELEMETERING AC SPARK PLUG DIV., GENERAL MOTOR CORP. Aircom, Inc.
Aircraft Armaments, Inc.
American Electronics, Inc.
American Electronics, Inc.
American Research & FOUNDRY CO.
American Research & Mig. Corp.
Bendix Aviation Corp., York Div.
Briggs Associates, Inc.
Burroughs Corp.
Consolidated Avionics Corp.
\*\*DATA-CONTROL SYSTEMS, INC.
Daystrom Instrument Div., Daystrom, Inc.
Dayer Engrg. Co., Inc.
Electronic Associates, Inc.
Electronic Associates, Inc.
Electronic Targo Co. of California
Electronics Cop., Hamilton Standard Div.,
United Aircraft Corp.
Fenske Fedrick & Miller Co.
Hallem Raymond & Brown, Inc.
Hamilton Watch Co., Military Products Div.
Hogan Laboratories, Inc.
Hoover Electronics Co.
Kearfott Co., Inc.
La Pointe Industries, Inc.
\*\*WALLACE O LEONARD, INC.
Magnavox Co., The
Milican Mills, Inc.
Minneapolis-Honeywell Regulator Co., Boston
Div.
Motorola, Inc., Military Marketing Div. \*AC SPARK PLUG DIV., GENERAL MOTOR CORP.

Minicapolis-noneywell Regulator Co., Bosic Div. Motorola, Inc., Military Marketing Div. Mycalex Corp. of America Pacific Div.-Bendix Aviation Corp. Pacific Scientific Co., Ralph M. Parsons Co., The Electronics Div. Philco Corp., Government & Industrial Divs. Polarad Electronics Corp.

Polarad Electronics Corp.
Prodelin, Inc.
\*RADIATION, INC.
Reeves Instrument Corp.
Resdel Engrg. Corp.
\*RESEARCH & ADVANCED DEVELOPMENT DIV.,
AVCO MFG. CO.
\*RHEEM MFG. CO., ELECTRONICS DIV.
Rome Cable Corp.
Ryan Aeronautical Co.
Seeburg Corp., The
Servomechanisms, Inc.
Skiatron Electronics & Television Corp.
Stavid Engrg., Inc.

Sylvania Electronic Systems, Div.-Sylvania Electric Products, Inc.
Talley Corp., The
Telectrone Mfg. Corp.
Telectro Industries Corp.
\*\*TELE-DYNAMICS, INC.
\*\*TELERAD MFG. CORP.
Thieblot Aviation Co., Div.-Vitro Corp. of
America
Ultradyne, Inc.
United Electrodynamics, Div.-United Geophysical
Corp.
Varo Mfg. Co.
Victory Engineering Corp.

**GYROS** 

\*AC SPARK PLUG DIV., GENERAL MOTOR CORP.
Aeroflex Corp., The, Aeroflex Labs. Div.
\*R. C. ALLEN BUSINESS MACHINES, INC., AIRCRAFT INSTRUMENTS DIV.
American Electronics, Inc.
\*AMERICAN MACHINE & FOUNDRY CO.
Autonetics, Div.-North American Aviation, Inc.
Clary Dynamics
Collins Engrg. Corp.
Joe Davidson & Associates
Daystrom Pacific Div., Daystrom, Inc.
Fairchild Controls Corp., Components Div.
\*BARRETT CORP., THE, AIRESEARCH MFG.
DIVS. GARRETT DIVS.

Geisler Labs.
General Electric Co., Apparatus Sales Div.
Globe Industries, Inc. Graflex, Inc. Greenleaf Mfg. Co., The, Div.-Mandrel Industries, Inc.
Ford Instrument Co., Div.-Sperry Rand Corp.
Hamilton Watch Co., Military Products Div. Humphrey, Inc.
Iron Fireman Mfg. Co., Electronics Div.
Kearfott Co., Inc. Rearrior Co., Inc. Lear, Inc. Minneapolis-Honeywell Regulator Co., Aeronau-tical Div. Minneapolis-Honeywell Regulator Co., Boston Div.
Reeves Instrument Corp.
Sanders Associates, Inc.
Wave Particle Corp.
Whittaker Gyro, Div.-Telecomputing Corp. Attitude

Aeroflex Corp., The, Aeroflex Labs, Div.
Autonetics, Div.-North American Aviation, Inc.
Clary Dynamics
Daystrom Pacific Div., Daystrom, Inc.
Eclipse-Pioneer Div., Bendix Aviation Corp.
Geisler Labs.
General Electric Co., Apparatus Sales Div.
Globe Industries, Inc.
Greenleaf Mfg. Co., The, Div.-Mandrel Industries Inc. Greenleaf Mfg. Co., The, Div.-Mandrel Industries, Inc.
Humphrey, Inc.
Humphrey, Inc.
Kearfott Co., Inc.
Lear, Inc.
Leaf, Inc., Grand Rapids Div.
Minneapolis-Honeywell Regulator Co., Aeronautical Div.
Minneapolis-Honeywell Regulator Co., Boston Div. Minneapons-runner Div. Pacific Scientific Co. Reeves Instrument Corp. Wave Particle Corp. Whittaker Gyro, Div.-Telecomputing Corp.

## Directional

Aeroflex Corp., The, Aeroflex Labs. Div.
Autonetics, Div.-North American Aviation, Inc.
Clary Dynamics
Daystrom Pacific Div., Daystrom, Inc.
Eclipse-Pioneer Div., Bendix Aviation Corp.
Geisler Labs.
General Electric Co., Apparatus Sales Div.
Globe Industries, Inc.
Greenleaf Mig. Co., The, Div.-Mandrel Industries, Inc.
Humphrey, Inc.
Humphrey, Inc.
Horn Fireman Mig. Co., Electronics Div.
Javelin Aircraft Co., Inc.
Kearfott Co., Inc.
Lear, Inc.,
Le Minneapon.
Div.
Pacific Scientific Co.
Wave Particle Corp.
Whittaker Gyro, Div.-Telecomputing Corp.

## Free

Aeroflex Corp., The, Aeroflex Labs, Div.
Atlantic Instrument Corp., Sub.—American Electronics, Inc.,
Clary Dynamics
Daystrom Pacific Div., Daystrom, Inc.
Eclipse-Pioneer Div., Bendix Aviation Corp.,
GARRETT CORP., THE, AIRESEARCH MFG. \*GARRETT DIVS. Geisler Labs.

General Electric Co., Apparatus Sales Div.
Globe Industries, Inc.
Greenleaf Mig. Co., The, Div.-Mandrel Industries, Inc.
Iron Fireman Mig. Co., Electronics Div.
Kearfoft Co., Inc.
La Pointe Industries, Inc.
Lear, Inc., Grand Rapids Div.
W. L. Maxson Corp., The
Minneapolis-Honeywell Regulator Co., Boston
Div. Minicapolis-rolls, March Div.
Div.
Wave Particle Corp.
Whittaker Gyro. Div.-Telecomputing Corp.

Integrating Aeroflex Corp., The Aeroflex Labs. Div. Atlantic Instrument Corp., Sub-American Elec-Atlantic Instrument Corp., Sub—American Electronics, Inc.
Daystrom Pacific Div., Daystrom, Inc.
For Instrument Co., Div.-Sperry Rand Corp.
Geisler Labs.
General Electric Co., Apparatus Sales Div.
Greenleaf Mfg. Co., The, Div.-Mandrel Industries, Inc.
Humphrey, Inc.
Learfoft Co., Inc.
Lear, Inc.
Minneapolis-Honeywell Regulator Co., Aeronautical Div.
Minneapolis-Honeywell Regulator Co., Boston Div. Reeves Instrument Corp. M. Ten Bosch, Inc. Wave Particle Corp.

## Missiles

\*AC SPARK PLUG DIV., GENERAL MOTOR CORP.
Aeroflex Corp., The, Aeroflex Labs Div.
\*R. C. ALLEN BUSINESS MACHINES, INC., AIRCRAFT INSTRUMENTS DIV.
Atlantic Instrument Corp., Sub.—American Elec-Atlantic Instrument Corp., Sub.—American Electronics, Inc.
Clary Dynamics
Daysfrom Pacific Div., Daystrom, Inc.
Eclipse-Pioneer Div., Bendix Aviation Corp.
Ford Instrument Co., Div.-Sperry Rand Corp.
Geisler Laberic Co., Apparatus Sales Div.
Greenleaf Mfg. Co., The, Div.-Mandrel Industires, Inc.
Humphrey, Inc.
Iron Fireman Mfg. Co., Electronics Div.
Kearfott Co., Inc.
Lear, Inc., Grand Rapids Div.
W. L. Maxson Corp., The
Minneapolis-Honeywell Regulator Co., Aeronautical Div.
Minneapolis-Honeywell Regulator Co., Boston
Div.

Div.
Pacific Scientific Co.
Reeves Instrument Corp.
Wave Particle Corp.
Whittaker Gyro, Div.-Telecomputing Corp.

Aeroflex Corp., The, Aeroflex Labs, Div. \*R. C. ALLEN BUSINESS MACHINES, INC., AIR-CRAFT INSTRUMENTS DIV. Atlantic Instrument Corp., Sub.—American Elec-Atlantic Instrument Corp., Sub.—American Electronics, Inc.
Cedar Engrg. Div.-Control Data Corp.
Clary Dynamics
Daystrom Pacific Div., Daystrom, Inc.
Eclipse-Pioneer Div., Bendix Aviation Corp.
Fairchild Controls Corp., Components Div.
Ford Instrument Co., Div.-Sperry Rand Corp.
Geisler Labs.
General Electric Co., Apparatus Sales Div.
Globe Industries, Inc.
Greenleaf Mfg. Co., The, Div.-Mandrel Industries, Inc.

Greenleaf Mfg. Co., The, Div.-Mandrel Industries, Inc.
Humphrey, Inc.
Humphrey, Inc.
Javelin Aircraft Co., Inc.
Keariott Co., Inc.
Lear, Inc.
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Minneapolis-nuncy...
Div.
Pacific Scientific Co.
Pacific Scientific Co.
Sanders Associates, Inc.
U. S. Gauge Div.-American Machine & Metals,
Inc.
Wave Particle Corp.
LICCTRIC CORP.

Inc.
Wave Particle Corp.
\*WESTINGHOUSE ELECTRIC CORP.
\*WESTINGHOUSE ELECTRIC CORP., AIR ARM
DIV.
Whittaker Gyro, Div.-Telecomputing Corp.

## **GYROSCOPES**

Aeroflex Corp., The, Aeroflex Labs. Div. American Electronics, Inc. Arma Div.-American Bosch Arma Corp. Cedar Engre, Div.-Control Data Corp. Clary Dynamics Eclipse-Pioneer Div., Bendix Aviation Corp. Ford Instrument Co., Div.-Sperry Rand Corp.

\*GARRETT CORP., THE, AIRESEARCH MFG., DIVS.
General Electric Co., Apparatus Sales Div.
Geenleaf Mfg. Co., The, Div.-Mandrel Indus-Geenleaf Mfg. Co., The Div.-Manufer Indo-tries, Inc. Hamilton Watch Co., Military Products Div. Iron Fireman Mfg. Co., Electronics Div. Kearfott Co., Inc., Lear, Mc., Grand Rapids Div. Minneapolis-Honeywell Regulator Co., Aeronau-tical Div. Reeves Instrument Corp. Reeves Instrument Corp. Whittaker Gyro, Div.-Telecomputing Corp.

## HARNESSES, ELECTRIC

HARNESSES, ELECTRIC

ACF Industries, Inc., Advanced Products Div. Advanced Electronics, Inc. Acrolite Electronics Corp. Aeronautical & Instrument Div., Robertshaw-Fulton Controls Co. Alden Products Co. Alden Products Co. American Super-Temperature Wires, Inc. Anchor Specialty Mfg. Co., Inc. Beaton & Corbin Mfg. Co., The Bliss Electroic Mfg., Co. Burroughs Corp. California Technical Industries, Div.-Textron, Inc. Coavial Connector Co., Inc. WCOOPER BYELOPMENT CORP. Dayton Aircraft Products, Inc. Div. First Electroic Sop., Inc. Eloc Corp. Electro Farts Corp. Electronics Dept., Hamilton Standard Div., United Aircraft Corp. Engine Electronics Co., Inc. Essex Mfg. Co., Inc. First Electronics Co., Inc. Hallett Mfg. Co., The, Div.-Mandrel Industries, Inc. Hallett Mfg. Co. Haron Electric Co. Haron Labs., Inc. Industrial Wiring & Cable Co. International Electric Industries, Inc. KAHN & CO., INC.
Kilgen Aircraft Div.-The Kilgen Organ Co. Kulka Electric Corp.
Lane Electronics Mfg. Corp.
Lear, Inc.
Lenkurt Electric Co., Inc.
Lettle Engra. & Mfg. Co.

Kulka Electric Corp.
Lane Electronics Mfg. Corp.
Lear, Inc.
Lenkurt Electric Co., Inc.
Lytle Engrg. & Mfg. Co.
Wilssille COMPONENTS GROUP, ELECTROSNAP SWITCH & MFG. CO.
Mutron Corp.
Nuclear Products-Erco, Div.-ACF Industries, Inc.
Packard Electric Div.-General Motors Corp.
Resdel Engrg. Corp.
Rowe Industries
Schaffer Air Industries, Inc.
Stytronics
Superex Electronics Corp.
Surprenant Mfg. Co.
Telectro Industries Corp.
Trensors Electric Development Co., Inc.
Tit-Dex Co.
Transvision, Inc.
Tit-Dex Co.
Tucson Instrument Corp.
Westbury Electronics, Inc.
Wilmar Mfg. Co., Inc.

## HEADS, COMPUTER

General Transistor Western Corp.
Norton Associates, Inc.
\*RESEARCH & ADVANCED DEVELOPMENT DIV.,
AVCO MFG. CORP.
Telectric Industries Corp
Tensor Electric Development Co., Inc.
Walkirt Co.

## HOLDERS, CHASSIS

Alden Products Co. G. M. Dykes Iron Works, Inc. Telectro Industries Corp. Tensor Electric Development Co., Inc. United Mfg. Co., The

## HOLDERS, CRYSTAL

Diamond Antenna & Microwave Corp.
Elm Mfg. Co., Inc.
Farnsworth Electronics Co., Div.-Int'l Telephone
& Telegraph Corp.
J-V-M Microwave Co.
Radar Design Corp.
Ryan Aeronautical Co.
Sage Laboratories, Inc.
Telectro Industries Corp.
Uniwave, Inc.
Waldom Electronics, Inc.

## HOLDERS, FUSE

Accurate Electronics Corp., Dept D Alden Products Co.

H. Braun Tool & Instrument Co., Inc.
Bussmann Mfg. Div., McGraw-Edison Co.
Garde Mfg. Co.
Hobson Brothers, Inc.
Kolton Electric Mfg. Co.
Kulka Electric Corp.
Molding Corp. of America
Narda Microwave Corp., The
Neosil Products Co.
Telectro Industries Corp.
Tensor Electric Development Co., Inc.

## HORNS, MICROWAVE

HORNS, MICROWAVE

Ainslie Corp.
Aircom, Inc.
Allied Research & Engrg., Div.-Allied Record
Mfg. Co.
Bogart Mfg. Corp.
Canoga Corp. of California
\*DALMO VICTOR CO., DIV.-TEXTRON, INC.
Demornay-Bonardi
Diamond Antenna & Microwave Corp.
Douglas Microwave Co., Inc.
Gabriel Co., The Gabriel Electronics Div.
General Communication Co.,
General Instrument Corp., Defense Products Div.
John Gombos Co., Inc.
Goodyear Aircraft Corp.
Hoover Electronics Co.
J.Y-M Microwave Co.
Microwave Electronics Div., Sperry Gyroscope
Co.
Cocanal Aska Lace

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Coc J-v-NMicrowave Electric
Co.
Omega Labs., Inc.
Radar Design Corp.
Ryan Aeronautical Co.
Sage Laboratories, Inc.
Iechnical Appliance Corp.
Iechnical Oil Tool Corp.
Ielectro Industries Corp.
IELERAD MFG. CORP.
Waveline, Inc.
Wavesquide, Inc.
Westbury Electronics Inc.

## HORNS. SPEAKER PROJECTOR

Telectro Industries Corp.

## INCLINOMETERS

Cadillac Gage Co. Crescent Engrg. & Research Co. Joe Davidson & Associates \*OPTO-METRIC TOOLS INC. Telectro Industries Corp.

## **INDICATORS**

INDICATORS

Allard Instruments Corp.
Analogue Controls, Inc.
Crescent Engrg. & Research Co.
General Railway Signal Co.
Grimes Mfg. Co.
Haydon Div.-General Time Corp.
Hickok Electrical Instrument Co., The
Industrial Electronic Engineers
E. F. Johnson Co.
\*KAHN & CO., INC.
Kearfott Co., Inc.
Leeds & Northrup Co.
\*WALLACE O. LEONARD, INC.
Master Specialities Co.,
Milman ngrg. Co.
Milman ngrg. Co.
Minneapolis-Honeywell Regulator Co., Aeronautical Div.
Mineapolis-Honeywell Regulator Co., Boston Div.
Size Control Co.
Star Engraving Co., Ltd.
Telectro Industries Corp.
Tempil Corp.
Ultradyne, Inc.
\*WNION SWITCH & SIGNAL, DIV.-WESTINGHOUSE AIR BRAKE CORP. ONION SWITCH & SIGNAL, DIV.-WESTING-HOUSE AIR BRAKE CORP. United Control Corp. Varo Mfg. Co. Wacline, Inc.

## INDUCTANCES, VARIABLE

NDUCTANCES, VARIABLE

Alto Scientific Co., Inc.
Burnell & Co., Inc.
CGS Labs., Inc.
Carad Corp.
Crescent Engrg. & Research Co.
General Instrument Corp., Defense Products Div.
Gray & Kuhn Inc.
E. F. Johnson Co.
Leeds & Northrup Co.
Magnetico, Inc.
J. W. Miller Co.
NYT Electronics Inc.
National Coil Co.
Superex Electronics Corp.
Telectro Industries Corp.
United Transformer Corp.
Vanguard Electronics Co.
Vari-L Co., Inc.
Vari-L Co., Inc.

## **INDUCTORS**

Aladdin Electronics, Div.-Aladdin Industries Inc. American Research & Mfg. Corp. Burnell & Co., Inc. Carad Corp.

Ferranti Electric Inc.
General Instrument Corp., Defense Products Div.
General Railway Signal Co.
E. F. Johnson Co.
Lenkurt Electric Co., Inc.
Magnetico, Inc.
J. W. Miller Co.
NYT Electronics, Inc.
National Coil Co.
Penta Labs, Inc.
Precision, Inc.
Sterling Transformer Corp.
Superex Electronics Corp.
Telectro Industries Corp.
Transformers, Inc.
Tresco, Inc. Tresco, Inc.
Tresco, Inc.
United Transformer Corp.
Vanguard Electronics Co.
\*WESTINGHOUSE ELECTRIC CORP.

INDUCTORS, COILS

NDUCTORS, COILS

Aladdin Electronics, Div. Aladdin Industries Inc.
American Research & Mfg. Corp.
Burnell & Co., Inc.
Carad Corp.
Ferranti Electric Inc.
General Instrument Corp., Defense Products Div.
General Railway Signal Co.
Goslin Electric & Mfg. Co.
Infrared Industries Co.
E. F. Johnson Co.
Lenkurt Electric Co., Inc.
Magnetico, Inc.
J. W. Miller Co.
NYT Electronics, Inc.
National Coil Co.
Superex Electronics Corp.
Telectro Industries Corp.
Telectro Industries Corp.
Tri-Dex Co.
Tri-Dex Co.
Vanguard Electronics Corp.
Vanguard Electronics Co.

INFRARED DETECTION SYSTEMS

American Optical Co., Instrument Div.
Baird-Atomic, Inc.
Barnes Engineering Co.
Coleman Engrg. Co., Inc.
Curtiss-Wright Corp., Industrial & Scientific
Products Div.
Davidson Mfg. Co.
Eastman Kodak Co.
Electronics Corp. of America
Electronics Corp. of America
Electronics Corp. of America
Electronics Corp. of America
Electronics Corp. Defense Products Div.
United Aircraft Corp.
Farnsworth Electronics Co., Div.-Int'1. Telephone
& Telegraph Corp.
Generel Instrument Corp., Defense Products Div.
Guided Missile Div.-De Havilland Aircraft of
Cenede, Ltd.
Haller Raymond & Brown Inc.
Infrared Industries Inc.
Minneapolis-Honeywell Regulator Co., Aeronautical Div. American Optical Co., Instrument Div. tical Div. Minneapolis Honeywell Reguletor Co., Ordnance Minneapolis-Honeywell Reguletor Co., Ordnance Div.
Minneapolis-Honeywell Reguletor Co., Ordnance Div.
Motorola Inc., Military Marketing Div.
Optomechanisms Inc.
Philoc Corp., Government & Industrial Divs.
Q. O. S. Corp.
Ryan Aeronautical Co.
Servo Corp. of America
Servomechanisms, Inc.
Skiatron Electronics & Television Corp.
Stavid Engrg., Inc.,
Stewart-Warner Corp.
Sylvania Electronic Systems, Div.-Sylvania Electric Products Inc.
Telectro Industries Corp.
Westinghouse Electric Corp.
\*WESTINGHOUSE ELECTRIC CORP., AIR ARM
DIV. DIV. Wollensak Optical Co.

INFRARED IMAGE CONVERTERS

Baird-Atomic, Inc.
Electronics Corp. of America
Farnsworth Electronics Co., Div.-Int'l. Telephone
& Talegraph Corp.
Generel Instrument Corp., Defense Products Div.
Haller Raymond & Brown Inc.
Inferred Industries Inc.,
Motorole Inc., Military Merketing Div.
Q. O. S. Corp.
Servomechanisms, Inc.
Skietron Electronics & Television Corp.
Telectro Industries Corp.
\*WESTINGHOUSE ELECTRIC CORP., AIR ARM
DIV.

INFRARED SYSTEMS, GUIDANCE

American Optical Co., Instrument Div.
Atlentic Instrument Corp., Sub. American Electronics, Inc.
Baird-Atomic, Inc.
Barnes Engineering Co.
\*\*BAUSCH & LOMB OPTICAL CO.
California Technical Industries, Div. Textron Inc.
Curtiss Wright Corp., Industrial & Scientific Products Div.

Davidson Mfg. Co.
Eastman Kodak Co.
Electronics Corp. of America
Electronics Dept., Hamilton Standard Div.,
United Aircraft Corp.
Farnsworth Electronics Co., Div. Int'l. Telephone
& Telegraph Corp.
General Instrument Corp., Defense Products Div.
Guided Missile Div. De Havilland Aircraft of Guided Missile Div. De Havilland Canada, Ltd. Haller Raymond & Brown Inc. Infrared Industries Inc. Kemlite Laboratories, Inc. Mechanical Div. General Mills, Inc. Mechanical Div.-General Mills, Inc.
Mechanical Div.-General Mills, Inc.
Methavac, Inc.
Minneapolis-Honeywell Regulator Co., Aeronautical Div.
Motorola Inc., Military Marketing Div.
Philco Corp., Government & Industrial Divs.
Q. O. S. Corp.
Ryan Aeronautical Co.
Servo Corp., of America
Servomechanisms, Inc.
Skiatron Electronics & Television Corp.
Stavid Engrg., Inc.
Stewart-Warner Corp.
Sylvania Electronic Systems, Div.-Sylvania Electroic Tric Products Inc.
Telectro Industries Corp.
Westinghouse Electric Corp.
\*WESTINGHOUSE ELECTRIC CORP., AIR ARM
DIV. DIV. Wollensak Optical Co.

INSTRUMENTS. ELECTRICAL MEASURING

MIEASUKING

Allegany Instrument Co., Inc.

Alto Scientific Co., Inc.

Associated Research, Inc.

Associated Research, Inc.

Barnes Development Co.

Barnes Development Corp.

Burroughs Corp.

Collins Engrg. Corp.

Consolidated Avionics Corp.

Consolidated Electrodynamics Corp.

Cubic Corp.

Davenport Mig. Co.

Dejur-Amsco Corp.

Dynac, Inc. Dejur-Amsco Corp.
Dynac, Inc.
Dynamic Instrument Co., Inc.
Electronics Dept., Hamilton Standerd Div.,
United Aircraft Corp.
Electro-Tech Equipment Co. Electro-Tech Equipment Co.
Epic, Inc.
Fenske Fedrick & Miller Co.
John Fluke Mig. Co., Inc.
General Communication Co.
General Electric Co., Apparetus Sales Div.
General Instrument Corp., Defense Products Div.
Hammett Electric Co.
Heiland Div.—Minneapolis-Honeywell
Hickok Electrical Instrument Co., The
Industrial Instruments, Inc.
Instrument Laboratories
\*KAHN & CO., INC.
Keithley Instruments, Inc.
Gerard G. Leeds Co., Inc.
Leeds & Northrup Co.
Librascope, Inc.
Marion Electrical Instrument Co.
Minneapolis-Honeywell Regulator Co., Industriel
Div. Minneapolis-Honeywell Regulator Co., Div.
National Coil Co.
Optimized Devices, Inc.
Phaostron Instrument & Electronic Co.
Precision Apparatus Co., Inc.
O. V S., Inc.
Reeves Instrument Corp.
Servomechanisms, Inc.
Southwestern Industrial Electronics Co.
Sun Electric Corp.
Telectric Industries Corp.
Tensor Electric Development Co., Inc.
Terminal Radio Corp.
Transvision, Inc.
Varo Mfg. Co.
Wascline, Inc. \*WESTINGHOUSE ELECTRIC CORP.

Ammeters

Ammeters

Assembly Products, Inc.
Cambridge Instrument Company, Inc.
Davenport Mfg. Co.
Dejur-Amsco Corp.
Electric Auto-Lite Co., The
Electric Design & Mfg. Co.
Electro-Tech Equipment Co.
Epic, Inc.
General Electric Co., Apparatus Sales Div.
Hammett Electric Co., Apparatus Sales Div.
Helipot Corp.
Hickok Electrical Instrument Co., The
Keithley Instruments, Inc.
Gerard G Leeds Co., Inc.
Marion Electrical Instrument Co.
Meters, Inc.
Minneapolis-Honeywell Regulator Co., Industrial
Div. Minneapolis-Honeywell Regulator Co., Div.
National Coil Co.
Phaostron Instrument & Electronic Co.
Precision Apparatus Co., Inc.,
Q. V. S., Inc.
ROCHESTER MFG. CO. INC.
Simpson Electric Co.

Southwestern Industrial Electronics Co. Stewart-Warner Corp.
Sun Electric Corp. Telectro Industries Corp. Tensor Electric Development Co., Inc. Terminal Radio Corp.
\*WESTINGHOUSE ELECTRIC CORP.

Audiometers

General Electric Co., Apparatus Sales Div.
Hammett Electric Co.
Narda Microwave Corp., The
Sun Electric Corp.
Telectric Corp.
Telectric Industries Corp.
Tensor Electric Development Co., Inc.
Terminal Radio Corp.
Varo Mfg. Co.
Western Electro-Acoustic Lab.

Bridges

Bridges

Aerovox Corp.
General Electric Co., Apparetus Sales Div.
Barnes Development Co.
James G. Biddle Co.
Boonton Electronics Corp.
Cal-Ohm Labs., Inc.
Cambridge Instrument Company, Inc.
Computer Instruments Corp.
Consolidated Electrodynamics Corp.
Electro-Measurements, Inc.
Electro-Tech Equipment Co.
Elm Mfg. Co., Inc.
General Electric Co., Apparatus Sales Div.
Gersch Products, Inc.
Gray Instrument Co.
Hammett Electric Co.
Industrial Instruments, Inc.
\*\*KAHN & CO., INC.
Leeds & Northrup Co.
Minneapolis-Moneywell Regulator Co., Boston
Div.
Minneapolis-Honeywell Regulator Co., Industrial Minneapolis-Honeywell Regulator Co., Industrial Div.
Minneapolis-Honeywell Regulator Co., Industrial Div.
Optimized Devices, Inc.
Southwestern Industrial Electronics Co.
Telectro Industrias Corp.
Tensor Electric Development Co., Inc.
Terminal Radio Corp.
Theta Instrument Corp. Theta Instrument Corp.
\*WESTINGHOUSE ELECTRIC CORP.

Calibrators

Allegany Instrument Co., Inc.
Ballantine Labs., Inc.
Consolidated Avionics Corp.
Consolidated Avionics Corp.
Consolidated Electrodynamics Corp.
Davenport Mig. Co.
Dunlap Electronics, Inc.
Dynamic Instrument Co., Inc.
Electric Auto-Lite Co., The
Fenske Fedrick & Miller Co.
John Fluke Mig. Co., Inc.
General Electric Co., Apperatus Sales Div.
General Electric Co., Apperatus Sales Div.
General Electric Co., Apperatus Sales Div.
General Instrument Corp., Defense Products Div.
Gersch Products, Inc.,
Gillmore Industries, Inc.,
Gray Instrument Co.,
Hallamore Electronics Co.
Hammett Electric Co.
Hickok Electrical Instrument Co., The
Hoover Electronics Co.
North Atlantic Industries, Inc.
Microwave Electronics Div., Sperry Gyroscope
Co.
Dotimized Devices, Inc.
Orbitran Co., Inc.
Servomechanisms, Inc.
Southwestern Industrial Electronics Co.
Telectro Industries Corp.
Tensor Electric Development Co., Inc.
Terminal Radio Corp.
Transvision, Inc. Calibrators

Comparators

Barnes Development Co.
Cambridge Instrument Company, Inc.
Cleveland Instrument Co.
Consolidated Avionics Corp. Consolidated Avionics Corp.
Dynac, Inc.
General Communication Co.
General Electric Co., Apparatus Sales Div.
Hammett Electric Co.
North Atlantic Industries, Inc.
Gerard G. Leeds Co., Inc.
Librescope, Inc.
Optimized Devices, Inc.
\*OPTO-METRIC TOOLS, INC.
Sanders Associetes, Inc.
Size Control Co.
Southwestern Industrial Electronics Co.
Telectro Industries Corp. Telectro Industrias Corp.
Tensor Electric Development Co., Inc.
Terminal Radio Corp.
Transvision, Inc.
Varo Mfg. Co.

Circuit Linearity Barnes Development Co. Computer Instruments Corp.
John Fluke Mfg. Co., Inc.
General Electric Co., Apparatus Sales Div.
Hammett Electric Co.
Servomechanisms, Inc.
Telectro Industries Corp.
Terminal Radio Corp.
Transvision, Inc.

## Comparators Voltage

Cubic Corp.
Davenport Mfg. Co.
Dynac, Inc.
Ceneral Electric Co., Apparatus Sales Div.
General Electrics Co.
Hallamore Electronics Co.
Hammett Electric Co.
Garard G. Leeds Co., Inc.
Non-Linear Systems, Inc.
Optimized Devices, Inc.
Owen Labs., Inc.
Southwestern Industrial Electronics Co.
Systron Corp.
Telectro Industries Corp.
Telectro Industries Corp.
Terminal Radio Corp.
Varo Mfg. Co.

## Galvanometers

Assembly Products, Inc.
James G. Biddle Co.
Cambridge Instrument Company, Inc.
Consolidated Electrodynamics Corp.
Electro-Tech Equipment Co. Consolidated Electrodynamics Corp. Electro-Tech Equipment Co. Epic, Inc. General Electric Co., Apparatus Sales Div. Hamilton Watch Co., Maithaway Instrument Div. Hamilton Watch Co., Military Products Div. Hammett Electric Co. Military Products Div. Hammett Electric Co., Hamilton Watch Co., Military Products Div. Hammett Electric Co., The Leeds & Northrup Co., Minneapolis-Honeywell Regulator Co., Boston Div. Minneapolis-Honeywell Regulator Co., Industrial Div. Owens Labs., Inc. Precision Apparatus Co., Inc. Q. V. S. Inc. Simpson Electric Co. Southwestern Industrial Electronics Co. Telectro Industries Corp. Terminal Radio Corp. Wacline, Inc.

## Magnetometers

Barnes Development Co.
Burroughs Corp.
General Electric Co., Apparatus Sales Div.
Hamment Electric Co.
Hickok Electrical Instrument Co., The
Telectro Industries Corp.
Terminal Radio Corp.

## Megohmmeters

Aegohmmeters
Associated Research, Inc.
James G. Biddle Co.
Brush Instruments, Div.-Clevite Corp.
Consolidated Airborne Systems, Inc.
Curliss-Wright Corp., Electronics Div.
Davenport Mfg. Co.
Electro-Tech Equipment Co.
Epic, Inc.
General Electric Co., Apparatus Sales Div.
Hammett Electric Co.
Industrial Instruments Inc.
Keithley Instruments, Inc.
Gerard G. Leeds Co., Inc.
Leeds & Northrup Co.
National Coil Co.
Precision Apparatus Co., Inc.
Southwestern Industrial Electronics Co.
Telectro Industrial Electronics Co.
Telectro Industrial Electronics Co.
Telectro Industrial Electronics Co.
Terminal Radio Corp.

## Microammeters

Assembly Products, Inc.,
Barnes Development Co.,
Computer Instruments Corp.,
Curliss-Wright Corp., Electronics Div.,
Dejur-Amsco Corp.,
Electric Design & Mfg. Co.,
Electric Design & Mfg. Co.,
Electric Electric Co.,
Apparatus Sales Div.,
Hammett Electric Co., Apparatus Sales Div.,
Hammett Electric Co., Instrument Co., The
Industrial Control Co.,
Keithley Instruments, Inc.,
Gerard G. Leeds Co., Inc.,
Leeds & Northrup Co.,
Lewis Engrg. Co., The
Marion Electrical Instrument Co.,
Meters Inc.,
Minneapolis-Honeywell Regulator Co., Industrial
Div.,
National Coil Co.,
Phaostron Instrument & Electronic Co.,
Precision Apparatus Co., Inc.

Q, V. S. Inc.
Simpson Electric Co.
Southwestern Industrial Electronics Co.
Sun Electric Corp.
Telectro Industries Corp.
Terminal Radio Corp.
Mactine. Inc. \*WESTINGHOUSE ELECTRIC CORP.

## Microfaradmeters

Ballantine Labs., Inc.
Barnes Development Co.
General Electric Co., Apparatus Sales Div.
General Instrument Corp., Defense Products Div.
Hammett Electric Co.
Gerard G. Leeds Co., Inc.
Telectro Industries Corp.
Terminal Radio Corp.

## Micro-Microammeters

Barnes Development Co. Barnes Development Co. Epic, Inc.
General Electric Co., Apparatus Sales Div.
Hamment Electric Co.
Hickok Electrical Instrument Co., The
Keithley Instruments, Inc.
Gerard G. Leeds Co., Inc.
Leeds & Northrup Co.
Minneapolis-Honeywell Regulator Co., Industrial
Div. Div.
National Coil Co.
Simpson Electric Co.
Telectro Industries Corp.
Terminal Radio Corp.
Wacline, Inc. Milliammeters

Assembly Products, Inc.
Dejur-Amsco Corp.
Electric Design & Mfg. Co.
Electric Design & Mg. Co.
Electric Design & Mg. Co.
Epic, Inc.
General Electric Co., Apparatus Sales Div.
Hammett Electric Co.
Hickok Electrical Instrument Co., The
Industrial Control Co.
Keithley Instruments, Inc.
Gerard G. Leeds Co., Inc.
Lewis Engra. Co., The
Marion Electrical Instrument Co.
Minneapolis-Honeywell Regulator Co., Industrial
Div. Minneapolis-Honeywell Regulator Co., Industrial Div.

National Coil Co.

Phostron Instrument & Electronic Co., Inc.

Precision Apparatus Co., Inc.

G. V. S. Inc.

Science House, Inc.

Simpson Electric Co.

Sun Electric Corp.

Telectro Industrias Corp.

Terminal Radio Corp.

Wacline, Inc. \*WESTINGHOUSE ELECTRIC CORP.

## Millivoltmeters

Alto Scientific Co., Inc.
Assembly Products, Inc.
Ballantine Labs., Inc.
Boonton Electronics Corp.
Curtiss-Wright Corp., Electronics Div.
Dejur-Amsco Corp.
Electric Design & Mfg. Co.
Electro-Tech Equipment Co.
Epic Inc. Electro-Tech Equipment Co.
Epic, Inc.
Fisher Research Lab., Inc.
John Fluke Mfg. Co., Inc.
General Electric Co., Apparatus Sales Div.
Gulton Industries, Inc.
Hallamore Electrorics Co.
Hammett Electric Co.
Hammett Electric Co.
Hickok Electrical Instrument Co., The
Industrial Control Co.
Keithley Instruments, Inc.
Gerard G. Leeds Co., Inc.
Leeds & Northrup Co.
Leeds & Northrup Co.
Leeds Engrg. Co., The
Marion Electrical Instrument Co.
Minneapolis-Honeywell Regulator Co., Industrial
Div. Merers Inc.

Minneapolis-Honeywell Regulator

Div.

National Coil Co.

Non-Linear Systems Inc.

Owen Labs, Inc.

Phaostron Instrument & Electranic Co.

Precision Apparatus Co., Inc.

Q. V. S. Inc.

Simpson Electric Co.

Southwestern Industrial Electronics Co.

Sout Blectric Corp.

Telectro Industries Corp.

Teleminal Radio Corp.

Thermo Electric Co., Inc.

Wacline, Inc.

Westinghouse Electric Corp.

## Ohmmeters

Alto Scientific Co., Inc. Associated Research, Inc. Bergen Labs.

James G. Biddle Co.
Cubic Corp.
Davenport Mfg. Co.
Electronic Auto-Life Co., The
Electronic Associates, Inc.
Electronic Electric Co.
General Electric Co., Apparatus Sales Div.
Gray Instrument Co., Hammett Electric Co.
Hammett Electric Co., Apparatus Co., The
Industrial Instruments Inc.
Gerard G. Leeds Co., Inc.
Leeds & Northrup Co.
Meters Inc.
Non-Linear Devices, Inc.
Optimized Devices, Inc.
Optimized Devices, Inc.
Cy. V. S. Inc.
Science House, Inc.
Science House, Inc.
Science House, Inc.
Science House, Inc.
Flectric Co.
Southwestern Industrial Electronics Co.
Telectro Industries Corp.
Terminal Radio Corp.
Transvision, Inc.

## Ratiometers

Allegany Instrument Co., Inc.
Computer-Measurements Corp.
Consolidated Avionics Corp.
Cubic Corp.
General Electric Co., Apparatus Sales Div.
Gertsch Products Inc.
Guardian Electric Mfg.
Hammert Electric Co., Hickok Electrical Instrument Co., The
Gerard G. Leeds Co., Inc.
Lewis Engrg. Co., The
Non-Linear Systems Inc.
Servomechanisms, Inc.
Telectro Industries Corp.
Terminal Radio Corp.

## Recorders

Airborne Instruments Lab., Inc.
Ailegany Instrument Co., Inc.
Antlab Inc.
Barton Instrument Corp.
Benson-Lehner Corp.
Benson-Lehner Corp.
Bergen Labs.
Brush Instruments, Div.-Clevite Corp.
Burroughs Corp.
Consolidated Electrodynamics Corp.
Curlis-Wright Corp., Electronics Div.
\*\*PALMO VICTOR CO., DIV.-TEXTRON INC.
Electric Auto-Life Co., The
Electro-Tech Equipment Co.
General Electric Co., Apparatus Sales Div.
Gilmore Industries Inc.
Guardian Electric Mfg. Co.
Hamilton Watch Co., Hathaway Instrument Div.
Hammett Electric Co.
Heiland Div.-Minneapolis-Honeywell
Hogan Laboratories, Inc.
Gerard G. Leeds Co., Inc.
Leeds & Northrup Co.
Librascope Inc.
Massa Labs., Inc.
J. A. Maurer, Inc.
Minneapolis-Honeywell
Laboratories Div.
Minneapolis-Honeywell
Laboratories Div.
Minneapolis-Honeywell
Regulator Co., Davies
Laboratories Div.
Minneapolis-Honeywell
Co.
Reeves Instrument Corp.
Senborn Co.
Skiatron Electronics & Television Corp.
Southwestern Industrial Electronics Co.
Telectro Industries Corp.
Terminal Radio Corp.

## Tracers, Signal

Feiler Engrg, & Mfg. Co.
General Electric Co., Apparatus Sales Div.
Hammett Electric Co.
Hickok Electrical Instrument Co., The
Telectro Industries Corp.
Tensor Electric Development Co., Inc.
Terminal Radio Corp.

## Voltmeters

Voltmeters
Alto Scientific Co., Inc.
\*\*AMERICAN MACHINE & FOUNDRY CO.
Assembly Products, Inc.
Ballantine Labs., Inc.
Bergen Labs.
Boonton Electronics Corp.
Consolidated Electrodynamics Corp.
Cubic Corp.
Daven Co. The
Daven Co. The
Davenport Mfg. Co.
Dejur-Amsco Corp.
Electric Auto-Life Co., The
Electric Pesign & Mfg. Co.
Electronic Associates, Inc.
Electronic Measurements Corp
Electro-Tech Equipment Co.

Epic, Inc.
Epsco Inc.
John Fluke Mfg. Co., Inc.
General Electric Co., Apparatus Sales Div.
Gulton Industries, Inc.
Hallamore Electronics Co.
Hammett Electric Co.
Helipot Corp.
Hickok Electrical Instrument Co., The
Industrial Control Co.
North Atlantic Industries, Inc.
Kay Electric Co.
Gerard G. Leeds Co., Inc.
Marion Electricial Instrument Co.
Meters Inc.
F. L. Moseley Co.
National Coil Co.
Non-Linear Systems Inc.
Phaostron Instrument & Electronic Co.
Precision Apparatus Co., Inc.
Q. V. S. Inc.
Reeves Instrument Corp.
Science House, Inc.
Simpson Electric Co.
Southwestern Industrial Electronics Co.
Sun Electric Corp.
Systron Corp.
Telectro Industries Corp.
Terminal Radio Corp.
Transvision, Inc.
Wactine, Inc.
Waveforms, Inc.
ELECTRIC CORP.

## Volt-Ohm-Millammeters

Bergen Labs.
Electro-Tech Equipment Co.
Epic, Inc.
Feller Engrg. & Mfg. Co.
General Electric Co., Apparatus Sales Div.
General Electric Co., Apparatus Products Div.
Hammett Electric Co., The Instrument Co., The Instrument Laboratories
Keithley Instruments, Inc.
Mational Coil Co.
Non-Linear Systems Inc.
Phaostron Instrument & Electronic Co.
Precision Apparatus Co., Inc.
Q. V. S. Inc.
Simpson Electric Co.
Southwestern Industrial Electronics Co.
Southwestern Industrial Electronics
Sun Electric Corp.
Terminal Radio Corp. Bergen Labs. Electro-Tech Equipment Co.

## Wattmeters

Vatimeters

Bergen Labs.

Cubic Corp.

Electro Impulse Lab., Inc.

Electro-Tech Equipment Co.

Epic, Inc.

John Fluke Mfg. Co., Inc.

General Electric Co., Apparatus Sales Div.

Hammett Electric Co., Co., Inc.

Cickok Electrical Instrument Co., The

Gerard G. Leeds Co., Inc.

Microwave Electronics Div., Sperry Gyroscope

Co. Microwave Electronics
Co.
Co.
National Coil Co.
Q. V. S. Inc.
Simpson Electric Co.
Sun Electric Corp.
Telectro Industries Corp.
Terminal Radio Corp.
\*WESTINGHOUSE ELECTRIC CORP.

## INSTRUMENTS, ELECTRICAL MEASURING METERS

MEASURING METERS

Alto Scientific Co., Inc.

\*AMERICAN MACHINE & FOUNDRY CO.

\*Amerac Inc.

Amerac Inc.

Boonton Research & Mfg. Corp.

Barnes Development Co.

Barton Instrument Corp.

Bergen Labs.

Boonton Radio Corp.

California Technical Industries, Div.-Textron Inc.

Consolidated Avionics Corp.

Consolidated Avionics Corp.

Consolidated Avionics Corp.

Cubic Corp.

Davenport Mfg. Co.

Dejur-Amsco Corp.

Dittmore-Freimuth Corp.

Dynac, Inc.

Electro-Measurements Inc.

Electro-Measurements Inc.

Electro-Tech Equipment Co.

General Communication Co.

General Communication Co.

General Electric Co.

Apparatus Sales Div.

General Instrument Corp., Defense Products Div.

Hammett Electric Co.

Hickok Electrical Instrument Co., The North Atlantic Industries, Inc., Gerard G. Leeds Co., Inc., Marconi Instruments Marion Electrical Instrument Co., Meters Inc., Minneapolis-Honeywell Regulator Co., Boston Div. Meters no.
Minneapolis-Honeywell Regulator
Div.
Moisture Register Co.
National Coil Co.
Phaostron Instrument & Electronic Co.
Precision Apparatus Co., Inc.
Q. V. S. Inc.
Reeves Instrument Corp.
Servomechanisms, Inc.
Simpson Electric Co.
Southwestern Industrial Electronics Co.
Southwestern Industrial Electronics Co.
Tensor Electric Corp.
Telectric Industries Corp.
Tensor Electric Development Co., Inc.
Terminal Radio Corp.
Transvision, Inc.
Varo Mig. Co.
Wacline, Inc.
\*\*WESTINGHOUSE ELECTRIC CORP.

## Electronic Capacitance

Aerovox Corp.

Aerovox Corp.

American Electronics, Inc.

Ballantine Labs., Inc.

Ballantine Labs., Inc.

Bonnes Development Co.

Boonton Electronics Corp.

Consolidated Airborne Systems, Inc.

Electro-Measurements Inc.

General Instrument Corp., Defense Products Div.

Hammett Electric Co.

Industrial Television Inc.

Gerard G. Leeds Co., Inc.

Marconi Linstruments

Optimized Devices, Inc.

Telectro Industries Corp.

Telectro Industries Corp.

Terminal Radio Corp.

Ternsvision, Inc. Transvision, Inc.

## Field Strength

Prelid Strength

Dunlap Electronics, Inc.
Empire Products Sales Corp.
Ferris Instrument Co.,
Hammert Electric Co.
Hickok Electrical Instrument Co., The
Nems Clarke Co., Div.-Vitro Corp. of America
\*KAHN & CO., INC.
Gerard G. Leeds Co., Inc.
Polarad Electronics Corp.
Saratoga Industries
Simpson Electric Co.
Telectro Industries Corp.
Terminal Radio Corp.

## F-M Deviation

Browning Laboratories, Inc.
Gertsch Products Inc.
Hammett Electric Co.
Lampkin Labs., Inc.
Gerard G. Leeds Co., Inc.
Marconi Instruments
Panoramic Radio Products, Inc.
Sun Electric Corp.
Telectro Industries Corp.
Terminal Radio Corp.

## Frequency

Frequency

Adler Electronics, Inc.
Aircom Inc.
Aircom Inc.
American Research & Mfg. Corp.
BJ Electronics, Borg-Warner Corp.
James G. Biddle Co.
Brush Instruments, Div.-Clevite Corp.
Computer-Measurements Corp.
Consolidated Airborne Systems, Inc.
Consolidated Avionics Corp.
Dunlap Electronics, Inc.
Dynac, Inc.
Electro Impulse Lab., Inc.
Electro Impulse Lab., Inc.
Electro Impulse Lab., Inc.
General Communication Co.
General Electric Co., Apparatus Sales Div.
General Instrument Corp., Defense Products Div.
Gertsch Products Inc.
Hammett Electric Co.
Helipot Corp.
Hickok Electrical Instrument Co., The
Kay Electric Co.
Lampkin Labs., Inc.
Lavoie Labs., Inc.
Lavoie Labs., Inc.
Geral G. Leeds Co., Inc.
Marconi Instruments
Microwave Electronics Div., Sperry Gyroscope
Cord. Microwave Corp., The
Saratoga Industries
Systron Corp.
Teletronical Radio Corp.
\*\*YELERAD MFG. CORP.
\*\*Terminal Radio Corp.
Varo Mig. Co.
\*\*WESTINGHOUSE ELECTRIC CORP.

Impedance

mpedance

Aito Scientific Co., Inc.
BJ Electronics, Borg-Warner Corp.
Barnes Development Co.
Boonton Radio Corp.
Electro-Measurements Inc.
General Instrument Corp., Defense Products Div.
Hammett Electric Co.
Hickok Electrical Instrument Co., The
North Atlantic Industries, Inc.
Kay Electric Co.
Gerard G. Leeds Co., Inc.
Leeds & Northrup Co.
Marconi Instruments
Microwave Electronics Div., Sperry Gyroscope
Co.
Narda Microwave Corp., The
Telectro Industries Corp.
Terminal Radio Corp.
Wacline, Inc.

## Modulation

Modulation

Browning Laboratories, Inc.
General Instrument Corp., Defense Products Div.
Hammett Electric Co.
Kay Electric Co.
Lampkin Labs., Inc.
Gerard G. Leeds Co., Inc.
Panoramic Radio Products, Inc.
Reeves Instrument Corp.
Southwestern Industrial Electronics Co.
Telectro Industries Corp.
Terminal Radio Corp.
Ultradyne, Inc.
Varo Mfg. Co.

## Null

Null

Advance Industries, Inc.
American Electronics, Inc.
Ballantine Labs., Inc.
Barnes Development Co.
Bornes Development Co.
Bornes Development Corp.
Computer Instruments Corp.
Curtiss-Wright Corp., Electronics Div.
John Fluke Mfg. Co., Inc.
Hallamore Electronics Co.
Hammett Electric Co.
Industrial Control Co.
North Atlantic Industries, Inc.
Leeds & Northrup Co.
Marion Electrical Instrument Co.
Leods & Northrup Co.
Marion Electrical Instrument Co.
Inc.
Led & Northrup Co.
Marion Electrical Instrument Co.
Leods & Northrup Co.
Marion Electrical Instrument Co.
Leods Instrument Corp.
Servomechanisms, Inc.
Lelectric Industries Corp.
Tensor Electric Development Co., Inc.
Ilectric Industries Corp.
Trio Laboratories, Inc.
Ultradyne, Inc.
Varo Mfg. Co.
Vemaline Products Co.
Wacline, Inc.
Weinschel Engrg.

## Output

American Electronics, Inc.
Daven Co., The
Dejur-Amsco Corp.
General Instrument Corp., Defense Products Div.
Hammett Electric Co.,
Marion Electrical Instrument Co.,
Minneapolis-Honeywell Regulator Co., Boston Minneapoils rious, inc.
Div.
Precision Apparatus Co., Inc.
O. V. S. Inc.
Simpson Electric Co.
Telectro Industries Corp.
Terminal Radio Corp.
Wacline, Inc.

## Panel

Assembly Products, Inc.
Assembly Products, Inc.
Dejur-Amsco Corp.
Electric Design & Mfg. Co.
General Electric Co., Apparatus Sales Div.
Hammett Electrical Instrument Co., The
Marion Electrical Instrument Co.
Precision Apparatus Co., Inc.
Q. V. S. Inc.
Simpson Electric Co.
Sun Electric Corp.
Telectro Industries Corp.
Tensor Electric Development Co., Inc.
Terminal Radio Corp.
Terminal Radio Corp.
Trio Laboratories, Inc.
Wacline, Inc.

## Phase Angle

Acton Laboratories Inc.
Bergen Labs.
\*DATA-CONTROL SYSTEMS INC.
General Electric Co., Apparatus Sales Div.
Gertsch Products Inc.
Hammett Electric Co.
Hickok Electrical Instrument Co., The

North Atlantic Industries, Inc.
Panoramic Radio Products, Inc.
Ryan Aeronautical Co.
Telectro Industries Corp.
Terminal Radio Corp.
Theta Instrument Corp.
Trio Laboratories, Inc.
Varo Mig. Co.
Vemaline Product Co.
\*WESTINCHOUSE ELECTRIC CORP.
Weston Hydraulics, Ltd.
Wintronics

## Power Factor

Acton Laboratories Inc.
Hammett Electric Co.
Hickok Electrical Instrument Co., The
North Aflantic Industries, Inc.
Telectro Industries Corp.
Terminal Radio Corp.
\*WESTINGHOUSE ELECTRIC CORP.

Boonton Radio Corp. Hammett Electric Co. Kay Electric Co. Marconi Instruments Telectro Industries Corp. Terminal Radio Corp.

## Rf Power

Rf Power

Aircom Inc.
BJ Electronics, Borg-Warner Corp.
Brunswick Instruments
Cubic Corp.
Electro Impulse Lab., Inc.
General Instrument Corp., Defense Products Div.
Hammett Electrica Co.
Hickok Electrica Instrument Co., The
Kay Electric Co.
Gerard G. Leeds Co., Inc.
Marconi Instruments
Radar Design Corp.
Sum Electric Corp.,
Telectro Industries
TELERAD MFG. CORP.
Terminal Radio Corp.
Wacline, Inc.

## Standing Wave Ratio

Standing Wave Ratio

Aircom Inc.
Aircom Inc.
Alto Scientific Co., Inc.
BJ Electronics, Borg-Warner Corp.
Browning Laboratories, Inc.
California Technical Industries, Div.-Textron Inc.
Cubic Corp.
\*DALMO VICTOR CO., DIV.-TEXTRON INC.
Demornay-Bonardi
Geisler Labs.
General Instrument Corp., Defense Products Div.
Hammett Electric Co.
E. F. Johnson Co.
Microwave Electronics Div., Sperry Gyroscope
Co.
Omega Labs., Inc.
Radar Design Corp.
Telectric Industries Corp.
\*TELERAD MFG. CORP.
Terminal Radio Corp.
Waveline, Inc.
Wave Particle Corp.

Microwave Electronics Div., Sperry Gyroscope
Co.
Diffmore-Freimuth Corp.
General Ceramics Corp.
Hi-Lo Manufacturing Corp.
Janco Corp.
Jan

## Wave

Amerac Inc.
General Communication Co.
Hammett Electric Co.
Kay Electric Co.
Marconi Instruments
Microwave Electronics Div., Sperry Gyroscope
Co. Co. Panoramic Radio Products, Inc. Telectro Industries Corp. Terminal Radio Corp. Uniwave, Inc. Wacline, Inc.

## X-Ray Intensity

Hammett Electric Co. Instruments Div.-Philips Electronics, Inc. Landsverk Electrometer Co. Telectro Industries Corp. Terminal Radio Corp.

## INSTRUMENTS, GRAPHIC RECORDING

Acton Laboratories Inc.
Airborne Instruments Lab., Inc.
Aldean Electronic & Impulse Recording Equip Co.
Aldean Electronic & Impulse Recording Equip Co.
Allegany Instrument Co., Inc.
Barnes Development Co.
Barnes Development Co.
Brush Instruments, Div.-Clevite Corp.
Burroughs Corp.
Coleman Engrg. Co., Inc.
Consolidated Avionics Corp.
Consolidated Avionics Corp.
Consolidated Electrodynamics Corp.
\*DALMO VICTOR CO., DIV.-TEXTRON INC.

Electric Auto-Lite Co., The Electric Auto-Lite Co., The, Wire & Cable Div. Electro-Tech Equipment Co. Fischer & Porter Co.

\*FLIGHT RESEARCH, INC.
General Electric Co., Apparatus Sales Div. Gilmore Industries Inc.
Hammett Electric Co. Herican Co., Hericand Div.-Minneapolis-Honeywell Hogan Laboratories, Inc.
Instruments, Corp., The
Kay Electric Co.
Leds & Northrup Co.
Librascope Inc.,
Massa Labs., Inc.
J. A. Maurer, Inc.
Minneapolis-Honeywell Regulator Co., Industrial Div.
F. L. Moseley Co.
Palmer Thermometers, Inc.
Reeves Instrument Corp.
Sanborn Co.
Skiatron Electronics & Television Corp.
Southwestern Industrial Electronics Co.
Telectro Industries Corp.
Vought Co.
\*WESTINGHOUSE ELECTRIC CORP.

## **INSULATORS**

NSULATORS
Allied Plastics Supply Corp.
Auburn Mfg. Co., The
Birnbach Radio Co., Inc.
Continental Diamond Fibre Corp., Sub.-The Budd
Wilbur B. Driver Co.
Dwyer Engry. Co., Inc.
Emerson Plastics Corp.
Enflo Corp.
Enflo Corp.
Epoxy Products, Inc., Div.-Joseph Waldman &
Sons
General Ceramics Corp.
Joclin Mfg. Co.
E. F. Johnson Co.
Walter Lee Chemical Corp.
Leeds & Northrup Co.
Litton Industries, Components Div.
Maryland Lava Co.
Palmer Theromometers, Inc.
Rubbercraft Corp. of California
Saxonburg Ceramics
Silicone Insulation, Inc.
Spruce Pine Mica Co.
D. M. Steward Mfg. Co.
Surpenant Mfg. Co.
Surpenant Mfg. Co.
Sylvania Electric Products Inc., Parts Div.
Synthane Corp.

Assemblies

Aerolite Electronics Corp.
Coaxial Connector Co. Inc.
Continental Diamond Fibre Corp., Sub.—The Budd
Co.
Dayton Aircraft Products, Inc.
Dittmore-Freimuth Corp.
Electric Auto-Lite Co., The
Garde Mfg. Co.
General Ceramics Corp.
Hi-Lo Manufacturing Corp.
Isolantite Mfg. Corp.
Janco Corp.
Jacolin Mfg. Co.
E. F. Johnson Co.
La Pointe Industries Inc.
Lapp Insulator Co., Inc., Radio Specialties Div.
Permax Products Div., Chisholm-Rydre Co., Inc.
Prodelin Inc.
D. M. Steward Mfg. Co.
Telectro Industries Corp.
Terminal Radio Corp.
Terminal Radio Corp.
Terminal Radio Corp.
Tricraft Products Corp.
Wind Turbine Co.

## Bead

Corning Glass Works
Emerson Plastics Corp.
General Ceramics Corp.
Isolantite Mig. Corp.
Walter Lee Chemical Corp.
Saxonburg Ceramics
Terminal Radio Corp.

## Bearing

Bound Brook Oil-Less Bearing Co. Cleveland Graphite Bronze Co. Div.—Clevite Corp.
Emerson Plastics Corp.
Walter Lee Chemical Corp.
Terminal Radio Corp.

Du-Co Ceramics Co. Terminal Radio Corp.

American Lava Corp. Auburn Spark Plug Co., Inc. Birnbach Radio Co., Inc. Corning Glass Works

Diamonite Products Mfg. Co.
Wilbur B. Driver Co.
Electric Auto-Lite Co., The
Electrical Refractories Co., The
Electronic Mechanics, Inc.
Erie Resistor Corp.
General Ceramics Corp.
Isolanitie Mfg. Corp.
Lapp Insulator Co., Inc., Radio Sspecialties Div.
Litton Industries, Components Div.
Maryland Lava Co.
Morgantite, Inc.
Chester Morton Electronics Corp.
Mycalex Corp. of America
National Ceramic Co.
Savonburg Ceramics
D. M. Steward Mfg. Co.
Sylvania Electric Products Inc., Parts Div.
Terminal Radio Corp.
Thermo Materials, Inc.
Western Gold & Platinum
\*WESTINGHOUSE ELECTRIC CORP.

## Cord

Auburn Mfg, Co., The
Terminal Radio Corp.
Coupling
Du-Co Ceramics Co.
Emerson Plastics Corp.
Enflo Corp.
Isolantite Mfg. Corp.
Valter Lee Chemical Corp.
Litton Industries, Components Div.
Telectro Industries Corp.
Terminal Radio Corp.

## Electric

Electric
Continental Diamond Fibre Corp., Sub.—The Budd Co.
Emerson Plastics Corp.
Hammert Electric Co.
Joclin Mfg. Co.
Lapp Insulator Co., Inc., Radio Specialties Div.
Walter Lee Chemical Corp.
Maryland Lava Co.
National Ceramic Co.
Peerless Products Industries
Saxonburg Ceramics
Saxonburg Ceramics
Saxonburg Ceramics
Silicone Insulation, Inc.
Surprenant Mfg. Co.
Telectro Industries Corp.
Terminal Radio Corp.

## Fabricated

Accurate Electronics Corp., Dept D
Aero Leather Products Co.
Aerolite Electronics Corp.
Allied Plastics Supply Corp.
Allied Plastics Supply Corp.
Album Mfg. Co., The
Continental Diamond Fibre Corp., Sub.—The
Budd Co.
Emerson Plastics Corp.
General Electric Co., Apparatus Sales Div.
General Electric Co., Apparatus Sales Div.
General Engravers Inc.
Joclin Mfg. Co.
Jodee Plastics Co.
Walter Lee Chemical Corp.
Maryland Lava Co.
Peerless Products Industries
Rogers Corp.
Seaman Products
Silicone Insulation, Inc.
Spaulding Fibre Co., Inc.
Spaulding Fibre Co.
Stevens Products, Inc.
Synthane Corp.
Telectro Industries Corp.
Tereminal Radio Corp.
Tri-Dex Co.
Tri-Point Plastics Inc.

## Feeder Spreader

Birnbach Radio Co., Inc.
General Ceramics Corp.
Isolantite Mfg. Corp.
E. F. Johnson Co.
Lapp Insulator Co., Inc., Radio Specialties Div.
National Ceramic Co.
Terminal Radio Corp.

## Feed Through

Aerolite Electronics Corp.
Birnbach Radio Co., Inc.,
Continental Diamond Fibre Corp., Sub.—The
Budd Co.,
Continental Diamond Fibre Corp., Sub.—The
Budd Co.,
Corning Glass Works
Diamonite Products Mfg. Co.
Dittmore-Freimuth Corp.
Electronic Mechanics, Inc.,
Emerson Plastics Corp.
Enflo Corp.
Garde Mfg. Co.,
General Ceramics Corp.
General Components Inc.,
Goe Engrg. Co.
Hobson Brothers, Inc.,
Isolantite Mfg. Corp.
Joclin Mfg. Co.,
E. F. Johnson Co.,
Lapp Insulator Co., Inc., Radio Specialties Div.

Walter Lee Chemical Corp.
Lithon Industries, Components Div.
Maryland Lava Co.
Chester Morton Electronics Corp.
National Ceramic Co.
Peerless Products Industries
Terminal Radio Corp.
Wind Turbine Co.

## Fused Quartz

Corning Glass Works Hammett Electric Co. Kemlite Laboratories, Inc. Kopp Glass, Inc. Terminal Radio Corp.

## Glass Bonded Mica

Allied Plastics Supply Corp. William Brand & Co., Inc. Electronic Mechanics, Inc. Mycalex Corp. of America Terminal Radio Corp.

## High Dielectric Paper

Allied Plastics Supply Corp.
Auburn Mfg. Co., The
William Brand & Co., Inc.
Continental Diamond Fibre Corp., Sub.—Tha
Budd Co.
General Gasket Inc.
L. O. F. Glass Fibers Co.
Rogers Corp.
Telectro Industries Corp.
Terminal Radio Corp.

## Hy Power Line

Contninetal Diamond Fibre Corp., Sub.-Tha Budd Co. Lapp Insulator Co., Inc., Radio Specialties Div. Telectro Industries Corp. Terminal Radio Corp.

## Laminated

Laminated

Accurate Electronics Corp., Dept D
Allied Plastics Supply Corp.
Calfibe Co., Inc.
Continental Diamond Fibre Corp., Sub.—The
Budd Co.
Dwyer Engrg. Co., Inc.
Emerson Plastics Corp.,
Gasket, Packing & Specialty Co., Inc.
General Electric Co., Apparatus Sales Div.
New England Laminates Co., Inc.
Penn Fibre & Specialty Co., Inc.
St. Regis Paper Co.,
Sealectric Switch & Relay Corp.
Silicone Insulation, Inc.
Spaulding Fibre Co., Inc.
Synthane Corp.
Terminal Radio Corp.
Tingsfol Corp.
Tingsfol Corp.
Tingsfol Corp.

## Metallized Bushing

Ceramaseal, Inc.
Diamonite Products Mfg. Co.
Filmohm Corp.
General Ceramics Corp.
Lapp Insulator Co., Inc., Radio Specialties Div.
Magnetic Shield Div.—Perfection Mica Co.
Chester Morton Electronics Corp.
National Ceramic Corp.
Terminal Radio Corp.

## Mica

Allied Plastics Supply Corp. William Brand & Co., Inc. Conector Corp. Continental Diamond Fibre Corp., Sub.—The Continental Trible Corp., Budd Co.
Mycalex Corp. of America
Syrvenia Electric Products Inc., Parts Div.
Terminal Radio Corp.

## Molded

Accurate Electronics Corp., Dept. D
Allied Plastics Supply Corp.
Biwax Corp.
Calfibe Co., Inc.
Connector Corp.
Continental Daimond Fibre Corp., Sub.—The
Budd Co.
Emerson Plastics Corp.
Enflo Corp.
Epoxy Products, Inc., Div.—Joseph Waldman
& Sons Entlo Corp.
Epoxy Products, Inc., Div.—Joseph
& Sons
Garde Mfg. Co.
Hays Mfg. Co.
Joclin Mfg. Co.
Joclin Mfg. Co.
Walter Lee Chemical Corp.
Litton Industries, Components Div

Roberts Toledo Rubber Co., The Rubbercraft Corp. of California St. Regis Paper Co. Silicone Insulation, Inc. Sylvania Electric Products Inc., Parts Div. Terminal Radio Corp. Westlake Plastics, CrystalX Corp.

## Plastic

Plastic

Accurate Electronics Corp., Dept. D
Allied Plastics Supply Corp.
Auburn Mfg. Co., The
Borden Chemical Co., The, Div.—The Borden
Co., Resinite Dept.
Calfibe Co., Inc.
Connector Corp.
Continental Diamond Fibre Corp., Sub.—The
Budd Co., Inc., The
Emeloid Co., Inc., The
Emeloid Co., Inc., The
Emeloid Co., Inc., The
Emerson Plastics Corp.
Enflocorp.
Enflocorp.
Enflocorp.
Engineered Plastics, Inc.
Epoxy Products, Inc., Div.-Joseph Waldman
& Sons
Franklin Fibre—Lamitex Corp.
Gasket, Packing & Specialty Co. Inc.
General Components Inc.
General Components Inc.
General Gasket Inc.
Hammett Electric Co.
Hays Mfg. Co.
Illumintronic Engrg. Co.
Joclin Mfg. Co.
Joden Plastics Co., Expression Components
Litton Industries, Components Div.
J. J. Monaghan Co., Inc.
New England Laminates Co., Inc.
New England Laminates Co., Inc.
New England Tape Co., Inc.
New England Tape Co., Inc.
Resdel Corp.
Rex Corp., The
Rogers Corp.
St. Regis Paper Co.
Silicone Insulation, Inc.
Spaulding Fibre Co., Inc.
Spaulding Fibre Co., Inc.
Surprenant Mfg. Co.
Sylvania Electric Products Inc., Parts Div.
Synthane Corp.
Terminal Radio Corp.

## Rods

Allied Plastics Supply Corp.
Auburn Mfg. Co., The
Borden Chemical Co., The, Div.—The Borden
Co., Resinite Dept.
Bram Metallurgical & Chemical Co.
Continental Diamond Fibre Corp., Sub.—The
Budd Co.
Corning Glass Works
Diamonite Products Mfg. Co.
Emerson Plastics Corp.
Enflo Corp.
Enflo Corp.
Engineered Plastics, Inc.
Franklin Fibre-Lamitex Corp.
Illumitronic Engra, Co.
Isolantite Mfg. Corp.
Jodee Plastics Co.
Lapp Insulator Co., Inc., Radio Specialties Div.
Walter Lee Chemical Corp.
Mycalex Corp. of America
Penn Fibre & Specialty Co., Inc.
Resdel Corp.
Rex Corp. of America
Penn Fibre & Specialty Co., Inc.
Regis Paper Co.
Silicone Insulation, Inc.
Spaulding Fibre Co., Inc.
Spaulding Fibre Co., Inc.
Kynthane Corp.
Ierminal Radio Corp.
Tir-Point Plastics, Inc.
Westlake Plastics, CrystalX Corp.
Wind Turbine Co.

## Sheets

Allied Plastics Supply Corp.
Auburn Mfg. Co., The
Borden Chemical Co., The, Div.—The Borden
Co., Resinite Dept.
Bram Metallurgical & Chemical Co.
William Brand & Co., Inc.
Calfibe Co., Inc.
Continental Diamond Fibre Corp. Continental Diamond Fibre Corp., Sub.—The Budd Co. Corning Glass Works Diamonite Products Mfg. Co. Emerson Plastics Corp. Englineered Plastics, Inc. Epoxy Products, Inc., Div.—Joseph & Sons Franklin Fibre-Lamitex Corp. General Gasket, Inc. Illumintronic Engra, Co. Jodee Plastics Co. Walter Lee Chemical Corp.

Magnetic Shield Div.—Perfection Mica Co.
Mycalex Corp. of America
New England Laminates Co., Inc.
Perfect & Specialty Co., Inc.
Rex Corp., The
Rogers Corp.
Rubbercraft Corp. of California
St. Regis Paper Co.
Silicone Insulation, Inc.
Synthana Corp.
Terminal Radio Corp.
Westlake Plastics, CrystalX Corp.

## Shock

Columbia Research Labs.
Penn Fibre & Specialty Co., Inc Rubbercraft Corp. of California Terminal Radio Corp. Westlake Plastics, CrystalX Corp.

## Sleeve

Allied Plastics Supply Corp.
William Brand & Co., Inc.
Continental Diamond Fibre Corp., Sub.—Tha
Budd Co.
Diamonite Products Mfg. Co.
Enflo Corp.
Epoxy Products, Inc., Div.—Joseph Waldman
& Sons
Walter Lee Chemical Corp.
Maryland Lava Co.
Mycalex Corp. of America
Peerless Products Industries
Surprenant Mfg. Co.
Terminal Radio Corp.
Wind Turbine Co.

## Standoff

Standoff

Aerolite Electronics Corp.
Alliced Plastics Supply Corp.
Birnbach Radio Co., Inc.
Continental Diamond Fibre Corp., Sub.—The
Budd Co.
Diamonite Products Mfg. Co.
Emerson Plastics Corp.
Enflo Corp.
Garde Mfg. Co.
General Ceramics Corp.
Goe Engrg. Co.
Hobson Brothers, Inc.
Isolantite Mfg. Corp.
Joclin Mfg. Co.
E. F. Johnson Co.
Lapp Insulator Co., Inc., Radio Specialties Div.
Litton Industries, Components Div.
Maryland Lava Co.
National Ceramic Co.
Permax Products Div., Chisholm-Ryder Co., Inc.
Spaulding Fibre Co., Inc.
Terminal Radio Corp.
Tri-Point Plastics, Inc.
Vanata

## Strain

Birnbach Radio Co., Inc.
General Ceramics Corp.
Hamilton Watch Co., Hathaway Instrument Div.
Isolantite Mfg. Corp.
E. F. Johnson Co.
Lapp Insulator Co., Inc., Radio Specialties Div.
National Ceramic Co.
Telectro Industries Corp.
Terminal Radio Corp.
Wind Turbine Co.

## Test Clip

Aerolite Electronics Corp. Birnbach Radio Co., Inc. Telectro Industries Corp. Terminal Ralio Corp.

## Thermal

Auburn Mfg. Co., The
Continental Diamond Fibre Corp., Sub.—The
Budd Co.
Du-Co Ceramics Co.
Emerson Plastics Corp.
Joseph Kaya & Co.
Walter Lea Chemical Corp.
Maryland Lava Co.
Rogers Corp.
Rubatex Div., Great American Industries, Inc.
Silicone Insulation, Inc.
Telectro Industries Corp.
Terminal Radio Corp.

## Thermocouple

\*AC SPARK PLUG DIV., GENERAL MOTOR CORP AC SPARK PLUG DIV., GEN Conax Corp., Electric Auto-Lite Co., The Harco Labs., Inc. Isolantite Mfg. Corp. Leeds & Northrup Co. Maryland Lava Co. Morgantite, Inc. Norton Co. Saxonburg Ceramics Telectro Industries Corp. Terminal Radio Corp. Thermo Electric Co., Inc.

Tower

Emerson Plastics Corp.
Lapp Insulator Co., Inc., Radio Specialties Div.
Walter Lee Chemical Corp.
National Ceramic Co.
Telectro Industries Corp.
Terminal Radio Corp.
Wind Turbine Co.

## Transmitting Antenna

Birnbach Radio Co., Inc., Continental Diamond Fibre Corp., Sub.—The Budd Co., SORNE & MARGOLIN, INC.
General Ceramics Corp.
E. F. Johnson Co., Lapp Insulator Co., Inc., Radio Specialties Div. Walter Lee Chemical Corp.
National Ceramic Co.
Prodelin, Inc., Telectro Industries Corp.
Teleminal Radio Corp.
Wind Turbine Co.

## Shock and Vibration

Auburn Mfg. Co., The
Columbia Research Labs.
Joe Davidson & Asociates
Federal Shock Mount Div.—The Korfund Co.
Robinson Aviation, Inc.
Ryan Aeronautical Co.
Seaman Products
Telectro Industries Corp.
Ucinite Co., The, Div.—United-Carr Fastener
Corp.
United Mfg. Co., The

## INTEGRATING GYROS

INTEGRATING GYROS

\*AC SPARK PLUG DIV., GENERAL MOTOR CORP. Atlantic Instrument Electronics, Inc.
Clary Dynamics Electronics Associates, Inc.
Geislar Labs.
General Electric Co., Apparatus Sales Div.
Greenlaaf Mfg. Co., The, Div.—Mandrel Industries, Inc.
Kearfott Co., Inc.
La Pointe Industries, Inc.
Minneapolis-Honeywell Regulator Co., Aeronautical Div.
Reaves Instrument Corp.
Telectro Industries Corp.
M. Ten Bosch, Inc.
Wave Particle Corp.

## INTEGRATORS, ELECTRONIC

NTEGRATORS, ELECTRONIC

Acromag, Inc.
Advance Industries, Inc.
Airborne Instrument Lab., Inc.
Allegany Instrument Lab., Inc.
Allegany Instrument Lab., Inc.
Allegany Instrument Lab., Inc.
Allegany Instrument Lab., Inc.
Andersen Laboratories, Inc.
Burroughs Corp.
Div. Dever Engrg. Co., Inc.
Goodyear Aircraft Corp.
Graenlaaf Mfg. Co., The, Div.—Mandrel Industries, Inc.
Hallamore Electronics Co.
Haller Raymond & Brown, Inc.
Hammeth Electric Co.
Kearfort Co., Inc.
Kelsey-Hayes Co.
Link Aviation, Inc.
Minneapolis-Honeywell Regulator Co., Boston
Div.
Motordyne, Inc.
Motorola, Inc., Military Marketing Div.
Philico Corp., Government & Industrial Divs.
Redmond Co., Inc.
Reeves Instrument Corp.
Servomechanisms, Inc.
Stromberg-Carlson, Electronics Div.
Telectro Industries Corp.

## **INVERTERS**

INVERTERS

Airborne Accessories Corp.

\*AMERICAN MACHINE & FOUNDRY CO.
American Research & Mfg. Corp.
American Television & Radio Co.
Avion Div., ACF. Industries, Inc.
Bendix Aviation Corp., Red Bank Div.
Bendix Aviation Corp., York Div.
Bogue Electric Mfg. Co.
Carter Motor Co.
Joe Davidson & Associates
Eicor Div.-F. L. Jacobs Co.
Electronic Associates, Inc.
Electronic Techniques Inc.
General Instrument Corp., Defense Products Div.
Guided Missile Div.-De Havilland Aircraft of
Canada, Ltd.
Hertner Electric Co., The
Mercury Electronic Co.
Motordyne Inc.
Ernst Norrman Laboratories
Opad Electric Co.
Sangamo Electric Co.,
Sun Electric Corp.

TKM Electric Corp.
Talley Corp., The
Telectro Industries Corp.
Varo Mfg. Co.
\*WESTINGHOUSE ELECTRIC CORP.

INVERTERS-DC-AC

Airborne Accessories Corp.
Alto Scientific Co., Inc.
\*\*AMERICAN MACHINE & FOUNDRY CO.\*\*
American Research & Mfg. Corp.
American Television & Radio Co.
Arnoux Corp.
Avion Div., ACF Industries, Inc.
Ballantine Labs., Inc.
Bendix Aviation Corp., Red Bank Div.
Bendix Aviation Corp., Red Bank Div.
Bendix Aviation Corp., York Div.
Bogue Electric Mfg. Co.
Carter Motor Co.
Crescent Engrg. & Research Co.
Electronic Associates, Inc.
Electronic Techniques, Inc.
Electronic Techniques, Inc.
General Electric Co., Apparatus Sales Div.
General Instrument Corp., Defense Products Div.
General Instrument Corp., Defense Products Div.
General Research & Brown, Inc.
Halmore Electric Co.
Haller Raymond & Brown, Inc.
Harmett Electric Co., The
\*\*INTERELECTRONICS CORP.
International Research Associates
Jordan Electronics Div.—Victoreen Instrument
Co.
Kaiser Aircraft & Electronics Div.—Kaiser In-**INVERTERS-DC-AC** Jordan Electronics, Div.—Victoreen Instrument Co.
Kaiser Aircraft & Electronics Div.—Kaiser Industries Corp.
Kurz & Root Co.
Magnavox Co., The Mercury Electronic Co.
Minneapolis-Honeywell Regulator Co., Ordnance Div. Mercury
Minneapolis-Honeywell Regulator Co., Crun
Div.
Motordyne, Inc., Military Marketing Div.
Opad Electric Co.
\*JOHN OSTER MFG. CO., AVIONIC DIV.
Pessoo Products Div.—Borg-Warner Corp.
Sangamo Electric Co.,
Sun Electric Corp.
TKM Electric Corp.
TKM Electric Corp.
The
Telectric Hodustries Corp.
Telkor, Inc.
Varo Mfg. Co.
\*WESTINGHOUSE ELECTRIC CORP.
Wincharger Corp.

## ION TRAPS

Telectro Industries Corp.

## ISOLATORS, MICROWAVE

Bogart Mfg. Corp. Continental Diamond Fibre Corp., Sub.-The Budd Bogart Mig. Co.B. Continental Diamond Fibre Corp., Subjetted State Continental Diamond Fibre Corp., Subjetted State Co. Joe Davidson & Associates Microwave Electronics Div., Sperry Gyroscope Co. Ryan Aeronautical Co. Sage Laboratories, Inc. Telectro Industries Corp.

## JACK PANEL ASSEMBLIES

ACCURATE Electronics Corp., Dept. D
Acrolite Electronics Corp., Dept. D
Aerolite Electronic Gorp.,
Amatom Electronic Hardware Co., Inc.
Coaxial Connector Co., Inc.
Empire Electronics Co., Inc.
Hallamore Electronics Co.,
Nems Clarke Co., Div.-Vitro Corp. of America
International Electric Industries, Inc.
Schaffer Air Industries, Inc.
Schaffer Air Industries, Inc.
Telectro Industries Corp.

## JEWELS, GLASS

Richard H. Bird & Co., Inc. General Electric Co., Apparatus Sales Div. Hamilton Watch Co., Military Products Div. Kopp Glass, Inc. Swiss Jewel Co. Telectro Industries Corp.

## JUNCTION BOXES AND PANELS

Accurate Electronics Corp., Dept. D Aerolite Electronics Corp. Airtron, Inc. Bendix Aviation Corp., Red Bank Div. Continental Diamond Fibre Corp., Sub.-The Budd Co.

\*COOPER DEVELOPMENT CORP.
General Railway Signal Co.
Greenleaf Mig. Co., The, Div.-Mandrel Industries, Inc.
Hallamore Electronics Co.
International Electric Industries, Inc.
Janco Corp
Kolton Electric Mig. Co.
La Pointe Industries, Inc.

Henry & Miller Industries, Inc. Schaffer Air Industries, Inc. Swedlow Plastics Co. Telectro Industries Corp. Telkor, Inc.

## JUNCTIONS, HYBRID, MICROWAVE

MICROWAYE

Bendix Aviation Corp., York Div.
Coaxial Connector Co., Inc.
Demornay-Bonardi
Douglas Microwave Co., Inc.
Goodyear Aircraft Corp.
Microwave Electronics Div., Sperry Gyroscope
Co.
Omega Labs., Inc.
Ryan Aeronautical Co.
Sage Laboratories, Inc.
Iechnical Appliance Corp.
Telectro Industries Corp.
\*TELERAD MFG. CORP.

## **KEYERS & COUPLERS**

Bendix Aviation Corp., York Div.
Coaxial Connector Co., Inc.
\*COOPER DEVELOPMENT CORP.
General Instrument Corp., Defense Products
Div.
Seaburg Corp. The Seeburg Corp., The Telectro Industries Corp.

## KEYERS

Advance Industries, Inc.
Consolidated Avionics Corp.
\*\*COOPER DEVELOPMENT CORP.
General Instrument Corp., Defense Products Div.
Instruments Corp., The
Jordan Electronics, Div.-Victoreen Instrument Co.
Telectrome Mfg. Corp.
Telectro Industries Corp.
Wilcox Electric Co., Inc.

## KEYS & CODING EQUIPMENT

Advance Industries, Inc. Instruments Corp., The Seeburg Corp., The Telectro Industries Corp.

## KILOVOLTMETERS

Associated Research, Inc.
Davenport Mig. Co.
Electric Design & Mig. Co.
Ferranti Electric Inc.
General Electric Co., Apparatus Sales Div.
Gertsch Products Inc.
Hammett Electric Co.
Keithley Instruments, Inc.
Opad Electric Co.
Telectro Industries Corp.
Wacline, Inc.

## LAMINATIONS, TRANSFORMER

Telectro Industries Corp. J. H. Winn Inc.

## LAMPS, INFRA-RED

Curtiss-Wright Corp., Industrial & Scientific Products Div.
Products Div.
Electronics Corp. of America Kemlite Laboratories, Inc.
Radiant Lamp Corp.
Telectro Industries Corp.
Thieblot Aviatoin Co., Div.-Vitro Corp. of \*WESTINGHOUSE ELECTRIC CORP.

## LANDING AIDS, ELECTRONIC

LANDING AIDS, ELECTRONIC

\*\*AMERICAN MACHINE & FOUNDRY CO.

\*Burroughs Corp.
Coleman Engrg. Co., Inc.
Edgerton, Germeshausen & Grier, Inc.
General Precision Lab. Inc.
Lear, Inc.
Minneapolis-Honeywell Regulator Co., Aeronautical Div.
Motorola Inc., Military Marketing Div.
Motorola Inc., Military Marketing Div.
Reeves Instrument Corp.
Redel Engrg. Corp.
Ryan Aeronautical Co.
Skiatron Electronics & Television Corp.
Star Engraving Co., Ltd.
Telectro Industries Corp.
Thieblot Aviation Co., Div.-Vitro Corp. of America
Wilcox Electric Co., Inc.

## LANDING SYSTEMS, INSTRUMENT

Lear, Inc.
Reeves Instrument Corp.
Ryan Aeronautical Co.
Skiatron Electronics & Television Corp.
Telectro Industries Corp.
Wilcox Electric Co., Inc.

## LENSES, R-F

Ainslie Corp.
American Opticel Co., Instrument Div.
Semon Beche & Co.
\*\*BAUSCH & LOMB OPTICAL CO.
Buhl Optical Co.
General Instrument Corp., Defense Products Div.
Goodyear Aircraft Corp.
Microwave Electronics Div., Sperry Gyroscope

Co.
Ryen Aeroneutical Co.
Telectro Industries Corp.
Wollensak Optical Co.

## LORAN SYSTEMS

Electronic Communications, Inc.
Electronics Dept., Hamilton Standerd Div.,
United Aircreft Corp.,
Generel Instrument Corp., Defense Products Div.
Polerad Electronics Corp.
Industries Corp.

## LUGS, CABLE-ELECTRIC

Amp Inc.
Ametom Electronic Hardware Co., Inc.
Birnbech Redio Co., Inc.
Birnbech Redio Co., Inc.
Birndy Corp., Ometon Div.
Hellett Mfg. Co.
Walter K. Jaros, Aircrafters
Kolton Electric Mfg. Co.

## MAGNETS, ELECTRO

Crucible Steel Co. of America
Jemes Cunningham Son & Co., Inc.
Cutler-Hammer, Inc.
General Electric Co., Apparatus Seles Div.
Hammett Electric Co., Indiane Steel Products Co., Inc.
Telectro Industries Corp.

## MAGNETS, FOCUSING

Arnold Engrg. Co., The
Cesco
Crucible Steel Co. of America
Indiana Steel Products Co., Inc.
Metallurgical Products Dept., General Electric
Company Corp.
Thomas & Skinner, Inc.

## MAGNETS, PERMANENT

AAnnold Engrg. Co., The
Barker Seles Co.
Crucible Steel Co. of America
Gabriel Co., The Gabriel Electronics Div.
Generel Electric Co., Apparatus Sales Div.
General Scientific Equipment Co.
Hamilton Wetch Co., Military Products Dic.
Indiana. Steel Products Co., Inc.
Le Pointe Industries, Inc.
Metallurgical Products Dept., General Electric
Co. Co.
Nerde Microwave Corp., The
Permeg Corp.
Telectro Industries Corp.
Thermo Meterials, Inc.
Thomas & Skinner, Inc.
\*\*WESTINGHOUSE ELECTRIC CORP.

## MICROWAVE ACCESSORIES

Ainslie Corp. Airborne Instruments Lab., Inc. Aircom Inc. Airton, Inc.
Allied Research & Engrg., Div.—Allied Record
Mfg. Co.
Bendix Avietion Corp. York Div.
Bogert Mfg. Corp.
Canoge Corp. of Celifornic
Chemalloy Electronics Corp.
Coaxial Connector Co., Inc.
Continental Diamond Fibre Corp., Sub.—The
Rudd Co. Continental Diamond Fibre Corp., Sub.—The Budd Co.

\*\*COOPER DEVELOPMENT CORP.

\*\*DALMO VICTOR CO., DIV.—TEXTRON INC.

Joe Davidson & Associates
Defiance Engrg. & Microwave Corp.

Demorney-Bonerdi

Douglas Microwave Co., Inc.

Driere, Inc.

Electro Impulse Leb., Inc.

Englehard Industries, Inc., D. E. Mekepeace

Div. Englehard Industries, Inc., D. E. Mekepeace Div. Generel Communication Co. Generel R-F Fittings, Inc. Goodyear Aircraft Corp. Hensen Electronics Co. John Gombos Co., Inc. International Research Associates Keerfott Co., Inc. Microwave Electronics Div.—Sperry Gyroscope

Nucleer Products-Erco, Div.—ACF Industries, Nucleer Products-Erco, Div.—ACF In Inc.
Omega Labs., Inc.
Paul & Beekman, Inc.
Polared Electronics Corp.
Prodelin Inc.
Radar Design Corp.
Ryen Aeronautical Co.
Sege Laboratories, Inc.
Sanders Asociates, Inc.
Technical Oil Tool Corp.
Technical Oil Tool Corp.
Telechrome Mfg. Corp.
Telechrome Mfg. Corp.
\*\*TELERAD MFG. CORP.
Tensor Electric Development Co., Inc.
Transco Products, Inc.
Uniweye, Inc. Uniweve, Wacline, Inc.
\*WASHINGTON ALUMINUM CO., INC.
Waveguide, Inc.

## **MONITORS**

MONITORS

Cedar Engrg, Div.—Control Data Corp. Thomas A. Edison Ind., Instrument Div.—
McGraw-Edison Co. Electro Impulse Leb., Inc.
Heller Raymond & Brown, Inc.
Lempkin Lebs., Inc.
Gererd G. Leeds Co., Inc.
\*\*RHEEM MFG. CO., ELECTRONICS DIV.
Setchell-Carlson Inc.
Telechrome Mfg. Corp.
Telectro Industries Corp.
Thermo Electric Co., Inc.
Thompson Products, Inc.
Varo Mfg. Co.

## MOTORS

Advanced Products Co., The
Airborne Accessories Corp.
Air-Merine Motors, Inc.

\*AMERICAN MACHINE & FOUNDRY CO.
Ashland Electric Products, Inc.
Bendix Aviation Corp., Red Benk Div.
Bodine Electric Co.
Bryant Gage & Spindle Div.—Bryant Chucking
Grinder Co.
Celco-Constantine Engrg. Leboratories Co.
Joe Davidon & Associates
Diehl Mig. Co.
Eastern Air Devices, Inc.
Eicor Div.—F. L. Jacobs Co.
Electric Auto-Life Co., The
Electric Indicator Co., Inc.
Generel Railway Signal Co.
Globe Industries, Inc.
Grided Missile Div.—De Hevilland Aircraft of
Canede, Ltd.
Hamilton Wetch Co., Military Products Div.
Hemmeth Electric Co.
Hernner Electric Co.
Hernner Electric Co., The
Instrument Motors
Jack & Heintz, Inc.
Lea, Inc.
L

Jeck & Heintz, Inc.
Lear, Inc.
Lear, Inc.
Master Applience Mfg. Co.
Minneapolis-Honeywell Regulator Co., Aeronautical Div.
Motordyne Inc.
National Pneumetic Co., Inc.
\*JOHN OSTER MFG. CO., AVIONIC DIV.
Rae Motor Corp.,
Redmond Co., Inc.
Rotron Mfg. Co.
Sundstrand Turbo Div.—Sundstrand Mechine
Tool Co.,
Telley Corp., The
Tesk Corp.
Vickers, Inc., Div.—Sperry Rend
\*WESTINGHOUSE ELECTRIC CORP.

## Electric

Electric

Advanced Products Co., The Airborne Accesories Corp. Air-Merine Motors, Inc., Allerd Instrument Corp. American Electronics, Inc., Amglo Corp., Ashland Electric Products, Inc., Barber-Colman Co., Bendix Avietion Corp., Red Bank Div., Bodine Electric Co., Bogue Electric Mfg., Co., Bryant Gage & Spindle Div.—Bryant Chucking Grinder Co., Celco-Constantine Engrg. Leboretories Co. \*CORNELIUS CO., THE Joe Davidson & Associetes Diehl Mfg., Co. Thomas A. Edison Ind., Instrument Div.—McGraw-Edison Co., Electric Indicator Co., Inc., \*GARREIT CORP., THE, AIRESEARCH MFG. DIVS.
General Electric Co., Apperatus Sales Div.

DIVS.
General Electric Co., Apperatus Sales Div.
General Reilway Signal Co.
Globe Industries, Inc.

Grey & Hulequard, Inc.
Guided Missile Div.—De Hevilland Aircraft
of Cenada, Ltd.
Hammett Electric Co.
Hansen Mig. Co., Inc.
Haydon Div.—General Time Corp.
Hether Electric Co., The
Hoover Electric Co. Instrument Motors Jeck & Heintz, In Kearfott Co., Inc. Regriot Co., Inc.
Leer, Inc.
Leer, Inc.
Minneepolis-Honeywell Reguletor Co., Aeronauticel Div.
Minneapolis-Honeywell Regulator Co., Boston nauticel Div.
Minneapolis-Honeywell Regulator Co., Boston Div.
Motordyne, Inc.
Motorsearch Co.
Netionel Pneumatic Co., Inc.,
Netonel Pneumatic Co., Inc.,
\*JOHN OSTER MFG. CO., AVIONIC DIV.
Peckerd Electric Div.—General Motors Corp.
Pesco Products Div.—Borg-Werner Corp.
Ree Motor Corp.
Redmond Co., Inc.,
Rotron Mig. Co.
Servomechenisms, Inc.,
Servomechenisms, Inc., Mechetrol Div.
Smell Motors, Inc., Inc., Malley Corp., The
Task Corp., The
Task Corp., The
Task Corp., The
MACHINERY HYDRAULICS DIV.
\*WESTINGHOUSE ELECTRIC CORP. Fluid

Hemmett Electric Co. Hemmer Electric Co. Leer, Inc. Oil-Dyne, Inc. Pesco Products Div.—Borg-Werner Corp. Sundstrand Aviation, Div.—Sundstrand Machine Tool Co. Vickers, Inc., Div.—Sperry Rand

## Fractional Hp

Advanced Products Co., T Airborne Accessories Corp. Air-Marine Motors, Inc. American Electronics, Inc.

Airborne Accessories Corp.
Air-Marie Motors, Inc.
American Electric Products, Inc.
AMBRICAN MACHINE & FOUNDRY CO.
Ashland Electric Products, Inc.
Barber-Colman Co.
Bendix Avietion Corp., Red Bank Div.
Bodine Electric Co.
Bryant Gege & Spindle Div.—Bryent Chucking
Grinder Co.
CORNELIUS CO., THE
Joe Davidson & Associetes
Kearfoft Co., Inc.
Diehl Míg. Co.
Estern Air Devices, Inc.
Eicor Div.—F. L. Jecobs Co.
Electric Indicator Co., Inc.
"GARRETT CORP., THE AIRESEARCH MFG. DIVS.
General Electric Co., Apperetus Seles Div.
Globe Industries, Inc.
Grey & Huleguerd, Inc.
Hammett Electric Co.
Instrument Motors
Jack & Heintz Inc.

Hammett Electric Co., Herner Electric Co., The Instrument Motors Jack & Heintz, Inc.
Lear, Inc.
Master Appliance Mfg. Co., Minneepolis-Honeywell Reguletor Co., Aeroneuticel Div.
Motordyne, Inc., Motoressearch Co., Motoressearch Co., National Pneumetic Co., Inc., National Pneumetic Co., Inc., National Pneumetic Co., Inc., National Pneumetic Co., Pecific Div.—Bendix Avietion Corp., Peckard Electric Div.—General Motors Corp., Red Motor Corp., Red Motor Corp., Red Motor Corp., Red Motor Corp., The Rotron Mfg. Co., Smell Motors Inc., Tellev Corp., The Rotron Mfg. Co., Smell Motors Inc.
Tellev Corp., The Tesk Corp., Vickers Inc., Div.-Sperry Rand
\*VICKERS INC., MARINE & ORDNANCE DEPT., MACHINERY HYDRAULICS DIV.

## Hysteresis

Hysteresis

Advanced Products Co., The
Air-Marine Motors, Inc.
American Electronics, Inc.
Ashland Electric Products, Inc.
Bodine Electric Co.
Bryant Gage & Spindle Div., Bryant Chucking
Grinder Co.
Cedar Engrg. Div.-Control Data Corp.
Cedco-Constentine Engrg. Laboratories Co.
Joe Devidson & Associates
Eestern Air Devices, Inc.
Electric Indicator Co., Inc.
Electric Indicator Co., Inc.
General Electric Co., Apparatus Seles Div.
Globe Industries, Inc.
Hammert Electric Co.
Heydon Div.-General Time Corp.
Hertner Electric Co., The
Instrument Motors
Minneappolis-Honeywell Reguletor Co., Aeronautical Div.

Minneapolis-Honeywell Regulator Co., Boston Minneapolist incl.
Div.
Motordyne Inc.
National Pneumatic Co., Inc.
\*JOHN OSTER MFG. CO., AVIONIC DIV.
Servomechanisms, Inc., Mechatrol Div.
Talley Corp., The

## Miniature

Miniature

Advanced Products Co., The Airborne Accessories Corp.
Air-Marine Motors, Inc.
Allard Instrument Corp.
American Electronics Inc.
Ashland Electric Products, Inc.
Barber-Colman Co.,
Bodine Electric Co.
Byant Gage & Spindle Div., Bryant Chucking Grinder Co.
Celco-Constantine Engrg. Leboratories Co.
\*\*CORNELIUS CO., THE
Joe Devidson & Associates
Diehl Mfg. Co. THE, ARESEARCH MFG. DIVS.
General Electric Co., Apparatus Sales Div.
Globe Industries, Inc.
Hamilton Watch Co., Military Products Div.
Hammett Electric Co.
Hansen Mfg. Co., Inc.
Haydon Div.-General Time Corp.
Instrument Motors
Kearfott Co., Inc.
Land-Aid, Inc., Sub.-California Eastern Aviation, Inc.
Minneapolis-Honeywell Regulator Co., Aeronautical Div.
Minneapolis-Honeywell Regulator Co., Boston
Div.
Motordyne Inc.
Motoresearch Co. Div. Motordyne Inc. Motordyne Inc. Motordyne Inc. Motoresearch Co. National Pneumatic Co., Inc. Oil-Dyne, Inc. Hollow Inc. Motoresearch Co., AVIONIC DIV. Raymond Engrg. Laboratory, Inc. Rotron Mfg. Co. Ryan Aeronautical Co. Small Motors, Inc. Talley Corp., Ine Task Corp. Vickers Inc., Div.-Sperry Rand Wacline, Inc.

## Hydraulic

Hydraulic

American Brake Shoe Co., Kellogg Div.

\*AMERICAN MACHINE & FOUNDRY CO.

Boque Electric Mfg. Co.

\*\*Boque Electric Mfg. Co., THE

Hammett Electric Co.

Hydraulic Press Mfg. Co., The, Div-Koehring Co.

Kearfott Co., Inc.

New York Air Brake Co., The, Watertown Div.

Oil-Dyne, Inc.

Pesco Products Div.—Borg-Warner Corp.

Sundstrand Aviation, Div.-Sundstrand Machine

Tool Co.

Sundstrand Turbo Div., Sundstrand Machine

Tool Co.

Task Corp.

Vickers Inc., Div.-Sperry Rand

\*\*WICKERS INC., MARINE & ORDNANCE DEPT.,

MACHINERY HYDRAULICS DIV.

## Instrument

nstrument

Advanced Products Co., The Allard Instrument Corp.
American Electronics, Inc.
Barber-Colman Co.
Bodine Electric Co.
Cedar Engra, Div.-Control Data Corp.
Diehl Mfg. Co.
Thomas A. Edison Ind., Instrument Div.—
McGraw-Edison Co.
General Electric Co., Apparatus Sales Div.
Globe Industries, Inc.
Haydon Div.-General Time Corp.
Hertner Electric Co., The Instrument Motors
Keaffott Co., Inc.
Land-Air, Inc., Sub.-California Eastern Aviatlon, Inc. Inc.
Lear, Inc.
Minneapolis-Honeywell Regulator Co., Boston Minneapolis-Honeywell Regulator Co., Div.
Motordyne Inc.
National Pneumatic Co., Inc.
\*JOHN OSTER MFG. CO., AVIONIC DIV.
Servomechanisms, Inc.
Small Motors, Inc.
Task Corp.
Wacline, Inc.

## MULTIPLIERS

America Inc.
American Research & Mfg. Corp.
Analogue Controls, Inc.
Consolidated Avionics Corp.
Exact Engrg. & Mfg., Inc.
Haller Raymond & Brown, Inc.
\*INTERELECTRONICS CORP.
Phaostron Instrument & Electric Co.
Resdel Engrg. Corp.
Telectro Industries Corp.
Terminal Radio Corp.

## Crystal

Aircom Inc.
Demornay-Bonardi
Haller Raymond & Brown, Inc.
Hunt Corp., The Murr Corp., The Microlab Microlab August E. Miller Laboratories Polarad Electronics Corp. Resdel Engrg. Corp. Terminal Radio Corp.

## Diode

Electronic Associates, Inc.
Haller Raymond & Brown Inc.
Hoffman Electronics Corp., Semiconductor Div.
\*NITERELECTRONICS CORP.
Polarad Electronics Corp.
Terminal Radio Corp.

## Electronic

American Research & Mfg. Corp.
Atlantic Research Corp.
Consolidated Avionics Corp.
Electronic Associates, Inc.
Gertsch Products Inc.
Haller Raymond & Brown Inc.
\*\*NTERELECTRONICS CORP.
Resdel Engrg. Corp.
Telechrome Mfg. Corp.
Terminal Radio Corp.

## Frequency

Adler Electronics, Inc. Aircom Inc. Amerac Inc.
American Research & Mfg. Corp.
Consolidated Avionics Corp.
\*COOPER DEVELOPMENT CORP. \*COOPER DEVELOPMENT CORP.

Demornay-Bonardi
Douglas Microwave Co., Inc.
Guided Missile Div.-De Havilland Aircraft of
Canada, Ltd.
Haller Raymond & Brown Inc.
Hycon Eastern Inc.
\*INTERELECTRONICS CORP.
Polarad Electronics Corp.
Resdel Engrq. Corp.
Telechrome Mig. Corp.
Terminal Radio Corp.
Varo Mig. Co.

## Magnetic

Acromag Inc.
American Research & Mfg. Corp.
D & R, Ltd.
General Magnetic Sinc.
Guided Missile Div. De Havilland Aircraft of
Canada, Ltd.
Haller Raymond & Brown Inc.
\*INTERELECTRONICS CORP. Lumen, Inc. Terminal Radio Corp.

## Servo

American Electronics, Inc., American Electronics, Inc., Data-Tronics Div. Analogue Controls, Inc., Electronic Associates, Inc., Exact Engrg. & Mfg. Inc., Exact Engrg. & Mfg. Inc., General Controls Co., Haller Raymond & Brown Inc., \*INTERELECTRONICS CORP. Kelsey-Hayes Co., Minneapolis-Honeywell Regulator Co., Boston Div. Minneapolis-Honeywell Div.
Oil-Dyne, Inc.
Servomechanisms, Inc.
Terminal Radio Corp.
Weston Hydraulics, Ltd.

## Meter

General Electric Co., Apparatus Sales Div. Haller Raymond & Brown Inc. Terminal Radio Corp. Thieblot Aviation Co., Div.-Vitro Corp. of America Varo Mfg. Co.

## NAVIGATION SYSTEMS

NAVIGATION SYSTEMS

\*AC SPARK PLUG DIV., GENERAL MOTOR CORP. Advance Industries, Inc.

\*AMERICAN MACHINE & FOUNDRY CO. Analogue Controls, Inc., Autonetics, Div.-North American Aviation, Inc., Burroughs Corp., Cubic. Corp., Dynavia Engrg. Corp., Eclipse-Pioneer Div., Bendix Aviation Corp., Electronic Communications, Inc., Electronic Corp., Hamilton Standard Div., United Aircraft Corp., Electronic Bepti, Mfg., Co., The, Electronics & Avionics Div., Fenske Fedrick & Miller Co., General Electric Co., Apparatus Sales Div., General Instrument Corp., Defense Products Div.

General Precision Lab. Inc.
General Railway Signal Co.
Geodyaer Aircraft Corp.
Haller Raymond & Brown Inc.
\*\*HAYWARD SCIENTIFIC GLASS CORP.
Kinevox-Hallen
Kollsman Instrument Corp., Sub.-Standard Coil
Products Co. Inc.
Lear, Inc.
Librascope Inc.
W. L. Masson Corp., The
Mechanical Div.-General Mills, Inc.
Minneapolis-Honeywell Regulator Co., Aeronautical Div.
Motorola Inc., Military Marketing Div.
Reeves Instrument Corp.
Reeves Instrument Corp.
Resdel Engrg, Corp.
Ryan Aeronautical Co.
Sanders Associates Inc.
Stavid Engrg., Inc.
Stromberg-Carlson, Electronics Div.
Sylvania Electronic Systems, Div.—Sylvania
Electric Products, Inc.
Technical Oil Tool Corp.
Telectro Industries Corp.
Telectro Industries Corp.
AIR ARM
DIV.
Wilcox Electric Co., Inc. DIV. Wilcox Electric Co., Inc.

## NUCLEAR BATTERIES

Elgin Micronics, West Coast Div. — Elgin National Watch Co. Nuclear Corp. of America, Inc. United States Radium Corp.

## **OMNIRANGE**

General Instrument Corp., Defense Products Div.
Haller Raymond & Brown, Inc.
Lavoie Labs., Inc.
Munstron Mfg. & Service, Inc.
Simpson Electric Co.
Telectro Industries Corp.
Wilcox Electric Co., Inc.

## OMNIRANGE RECEIVERS

General Instrument Corp., Defense Products General Instrument Co.P.,
Div.
Haller Raymond & Brown Inc.
Munston Mfg. & Service, Inc.
Telectro Industries Corp.
Wilcox Electric Co., Inc.

## **OSCILLATORS**

OSCILLATORS

Advance Industries, Inc.
Alpha Instrument Co., Inc.
Allo Scientific Co., Inc.
American Research & Mfg. Corp.
BJ Electronics, Borg-Warner Corp.
Bornton Radio Corp.
Boonton Radio Corp.
Borg Equipment Div.-The George W. Borg Corp.
Bullova Watch Co., Electronics Div.
J. H. Bunnell & Co.
Consolidated Avionics Corp.
Consolidated Electrodynamics Corp.
Dunlap Electronics, Inc.
Dynac, Inc.
Electronic Communications, Inc.
Electronic International Co.
General Instrument Corp., Defense Products
Div.
Haller Raymond & Brown Inc.
Highland Engra, Co.
\*INTERELECTRONICS CORP.
Johnson Electronics Inc.
M F Electronics Co.
McKenna Labs.
August E. Miller Laboratories
Minneapolis-Honeywell Regulator Co., Ordnance
Div.
Precision Apparatus Co., Inc. Div.
Precision Apparatus Co., Inc.
Precision Apparatus Co., Inc.
Southwestern Industrial Electronics Co.
Telectro Industrias Corp.
Tensor Electric Development Co., Inc.
Terminal Radio Corp.
Ultradyne, Inc.
Varo Mfg. Co.

## Audio

Audio
Alto Scientific Co., Inc.
Bulova Watch Co., Electronics Div.
J. H. Bunnell & Co.
Consolidated Electrodynamics Corp.
\*COOPER DEVELOPMENT CORP.
Dunlap Electronics, Inc.
Dynac, Inc.
Dynac, Inc.
Electromation Co.
Electronics International Co.
Elm Mfg. Co. Inc.
General Instrument Corp., Defense Products
Div. General Instrument Corp., Defense Products Div.
Gray Mfg. Co., The Haller Raymond & Brown Inc.
Hickok Electrical Instrument Co., The Highland Engrg. Co.
Holt Instrument Laboratories, Div.-Holt Hardwood Co., Inc.
\*INTERELECTRONICS CORP.
International Research Associates
Johnson Electronics Inc.

Kay Electric Co.
Kinevox-Hallen
La Pointe Industries Inc.
M F Electronics Co.
Munston Mfg. & Service, Inc.
Precision Apparatus Co., Inc.
Ryan Aeronautical Co.
Spectrum Instruments, Inc.
Telectric Industries Corp.
Tensor Electric Development Co., Inc.
Terminal Radio Corp.
Varo Mfg. Co.
Warren Transformer Co., Inc.
Waveforms, Inc.

## Audio Fork Controlled

Audio Fork Controlled

Antiab Inc.
Bell & Gossett Co.
Dunlap Electronics, Inc.
\*\*INTERELECTRONICS, INC.
International Research Associates
Johnson Electronics Inc.
M F Electronics Co.
Minneapolis-Honeywell Regulator Co., Ordnance
Div.
Southwestern Industrial Electronics Co.
Telectro Industrial Electronics Co.
Telectro Industrial Electronics Co.
Yaro Mig. Co.
Walkirt Co.

Audio Frequency

Audio Frequency

James G, Biddle Co.
Bulova Watch Co., Electronics Div.
J. H. Bunnell & Co.
Dunlap Electronics, Inc.
Dynac, Inc.
Electronics International Co.
General Instrument Corp., Defense Products
Div.
Haller Raymond & Brown Inc.
Hickok Electrical Instrument Co., The
Highland Engrg, Co.
\*\*INTERELECTRONICS CORP.
International Research Associates
Johnson Electronics Inc.
Kay Electric Co.
La Pointe Industries Inc,
M F Electronics Co.
Southwestern Industrial Electronics Co.
Spectrum Instruments, Inc.
Telectro Industries Corp.
\*\*TELE-DYNAMICS INC.
Terminal Radio Corp.
Varo Mfg. Co.
Waveforms, Inc.

## Cavity

Airborne Instruments Lab., Inc.
Aircom Inc.
Amerac Inc.
CGS Labs., Inc.
General Communication Co.
General Instrument Corp., Defense Products
Div.
JV-M Microwave Co.
Resdel Engrg. Corp.
Telectro Industries Corp.
Terminal Radio Corp.

## Code

Dunlap Electronics, Inc.
General Instrument Corp., Defense Products
Div.
Johnson Electronics Inc.
Skiatron Electronics & Television Corp.
Telectro Industries Corp.
Terminal Radio Corp.

## Crystal

Crystal

Billey Electric Co.
Borg Equipment Div.-The George W. Borg Corp.
Bulova Watch Co., Electronics Div.

\*\*COOPER DEVELOPMENT CORP.
General Instrument Corp., Defense Products
Div.
Hallamore Electronics Co.
Haller Raymond & Brown Inc.
Hupp Electronics Co.
Hupcon Eastern Inc.,
International Crystal Mfg. Co. Inc.
Kay Electric Co.
Manson Laboratories, Inc.
McCov Electronics Co.
August E. Miller Laboratories
Northern Engrg. Laboratories
Northern Engrg. Laboratories
Northern Engrg. Laboratories
Northern Engrg. Laboratories
Technolic Industries, Inc.
Terminal Radio Corp.
Walkirt Co.

## Grid Dip

Alto Scientific Co., Inc., General Instrument Corp., Defense Products Div. Telectro Industries Corp. Terminal Radio Corp.

## Grid Dip-High Frequency & Vhf

Boonton Electronics Corp.
General Instrument Corp., Defense Products Div.
Telectro Industries Corp.
\*TELERAD MFG. CORP.
Terminal Radio Corp.

## Microwave

Microwave

Airborne Instruments Lab., Inc.
Aircom Inc.
Aircom Inc.
Aircom Inc.
Airfred Electronics
Amerac Inc.
Bendix Aviation Corp., York Div.
CGS Labs., Inc.
California Technical Industries, Div.-Textron Inc.
Canoga Corp. of California
Demornay-Bonardi
Diamond Antenna & Microwave Corp.
Dynac, Inc.
Geisler Labs.
General Communication Co.
General Instrument Corp., Defense Products Div.
Haller Raymond & Brown Inc.
J-V-M Microwave Co.
Johnson Electronics Inc.
Kay Electric Co.
Gerard G., Leeds Co., Inc.
Manson Laboratories, Inc.
Microwave Electronics Div., Sperry Gyroscope
Co.
Polarad Electronics Corp.
Resdel Engrg. Corp.
Resdel Engrg. Corp.
Telectro Industries Corp.
Telectron Industries Corp.
\*TELERAD MFG. CORP.
Terminal Radio Corp.
Waveline, Inc.
Wave Particle Corp.
Weinschel Engrg.

## Oven Crystal Control

Jven Crystal Control

Bulova Watch Co., Electronics Div.
Dunlap Electronics, Inc.,
Hupp Electronics Co.,
Lavoie Labs., Inc.,
Manson Laboratories, Inc.,
August E. Miller Laboratories
Northern Engrg, Laboratories Inc.,
Resdel Engrg, Corp.,
Teledinstrument Electronics Corp.
Terminal Radio Corp.

## Pulse

Pulse

Alto Scientific Co., Inc.,
Amerac Inc.,
Bendix Aviation Corp., York Div.
Consolidated Avionics Corp.
Dunlap Electronics, Inc.
ECS Corp.
Electromation Co.
Electro-Dulse, Inc.
General Instrument Corp., Defense Products Div.
General Railway Signal Co.,
Haller Raymond & Brown Inc.
J-V-M Microwave Co.
Johnson Electronics Inc.
Kay Electric Co.
Kinevox-Hallen
Resdel Engr., Corp.
Telectro Industries Corp.
Terminal Radio Corp.

## Pushbutton

Consolidated Electrodynamics Corp. Telectro Industries Corp. Tel-Instrument Electronics Corp. Terminal Radio Corp.

## Radio Frequency

Radio Frequency

Alpha Instrument Co.
J. H. Bunnell & Co.
Consolidated Electrodynamics Corp.

\*\*COOPER DEYELOPMENT CORP.\*\*

Cubic Corp.
General Instrument Corp., Defense Products Div.
Haller Raymond & Brown Inc.
Hickok Electrical Instrument Co., The
J-V-M Microwave Co.
Johnson Electronics Inc.
Kay Electric Co.
Manson Laboratories, Inc.
Munston Mfg. & Service, Inc.
Ralph M. Parsons Co., The, Electronics Div.
Precision Apparatus Co., Inc.
Resdel Engrg. Corp.
Seeburg Corp., The

Telectro Industries Corp.
Tel-Instrument Electronics Corp.
Telonic Industries, Inc.
Terminal Radio Corp.

R-F

Advance Industries, Inc.

BJ Electronics, Borg-Warner Corp.
Boonton Radio Corp.
J. H. Bunnell & Co.
Canoga Corp. of California
Consolidated Electrodynamics Corp.
\*\*COOPER DEVELOPMENT CORP.

Cubic Corp.
Diamond Antenna & Microwave Corp.
Electronic Communications, Inc.
Geisler Labs,
General Communication Cor.
General Instrument Corp., Defense Products Div.
Haller Raymond & Brown Inc.
Hickok Electrical Instrument Co., The
\*\*INTERELECTRONICS CORP.
J.-Y.M Microwave Co.
E. F. Johnson Co.
Johnson Electronics Inc.
Kay Electric Co.
Lavoie Labs., Inc.
Manson Laboratories, Inc.
Ralph M. Parsons Co., The, Electronics Div.
Polarad Electronics Corp.
Precision Apparatus Co., Inc.
Redel Engra, Corp.
Seeburg Corp., The
Telectro Industries Corp.
Tel-Instrument Electronics Corp.

## Sweep

Alfred Electronics
Boonton Radio Corp.
Boonton Radio Corp.
Bullova Watch Co., Electronics Div.
Dynac, Inc.
Geisler Labs.
General Instrument Corp., Defense Products Div.
Haller Raymond & Brown Inc.
Kay Electric Co.
Gerard G. Leeds Co., Inc.
Panoramic Radio Products, Inc.
Polarad Electronics Corp.
Precision Apparatus Co., Inc.
Ielectro Industries Corp.
Tel-Instrument Electronics Corp.
Telonic Industries Inc.
Terminal Radio Corp.
Vari-L Co. Inc.
Wave Particle Corp.

## Tuning Fork

American Research & Mfg. Corp.
Bell & Gossett Co.
James G. Biddle Co.
Hamilton Watch Co., Military Products Div.
\*INTERELECTRONICS CORP.
Southwestern Industrial Electronics Co.
Telectro Industries Corp.
Terminal Radio Corp.
Thompson Products, Inc.
Varo Mfg. Co.
Walkirt Co.

## Ultra-Low Frequency

Bulova Watch Co., Electronics Div.
Haller Raymond & Brown Inc.
Johnson Electronics Inc.
\*\*INTERLECTRONICS CORP.
Kay Electric Co.
Southwestern Industrial Electronics Co.
Spectrum Instruments, Inc.
Telectro Industries Corp.
Terminal Radio Corp.
Yaro Mfq. Co.
Waveforms, Inc.

## Ultrasonic

Acoustica Associates, Inc.
Arenberg Ultrasonic Laboratory, Inc.
Curtiss-Wright Corp., Industrial & Scientific
Products Div.
D & R. Ltd.
General Instrument Corp., Defense Products Div.
Haller Raymond & Brown Inc.
\*INTERELECTRONICS CORP.
Johnson Electronics Inc.
Kay Electric Co.
Massa Labe. Inc. Kay Electric Co.
Massa Labs., Inc.
McKenna Labs.
Narda Ultrasonics Corp., The
Southwestern Industrial Electronics Co.
Spectrum Instruments, Inc.
Telectro Industries Corp.
Terminal Industries Corp.
Terminal Radio Corp.
Waveforms, Inc.

## Video Pattern

General Instrument Corp., Defense Products Div. Haller Raymond & Brown Inc., Hickok Electrical Instrument Co., The

Johnson Electronics Inc. Skiatron Electronics & Television Corp. Telectro Industries Corp. Terminal Radio Corp. Thompson Products, Inc.

## Video Range

Electronic Measurements Corp.
General Instrument Corp., Defense Products Div.
Haller Raymond & Brown Inc.
Hickok Electrical Instrument Co., The
Johnson Electronics Inc.
Kay Electric Co.
Skietron Electronics & Television Corp.
Technitrol Engrg. Co.
Telectro Industries Corp.
Terminal Radio Corp.

## **OSCILLOGRAPHS**

Acton Laboratories Inc.
Allegany Instrument Co., Inc.
Brush Instruments, Div.-Clevite Corp.
Consolidated Avionics Corp.
Consolidated Electrodynamics Corp.
Electro-Medical Lab., Inc. Consolidated Technolyminis Corp.

Electro-Medical Lab., Inc.
Epic, Inc.
Epic, Inc.
Epic, Inc.
Epic, Inc.
Epic, Inc.
General Electric Co., Apparatus Sales Div.
Hamilton Watch Co., Hathaway Instrument Div.
Heiland Div.—Minneapolis-Honeywell
Hickok Electrical Instrument Co., The
Hogan Laboratories, Inc.
Lavoie Labs., Inc.
Massa Labs., Inc.
Minneapolis-Honeywell Regulator Co., Industriel
Div.
Div.
Offiner Electronics Inc.
Precision Apparatus Co., Inc.
Railway Communications Inc.
Sanborn Co.
Sanborn Co.
Sylvatron Electronics & Television Corp.
Southwestern Industrial Electronics Co.
Telectro Industrial Electronics Co.
Telectro Industrial Electronics Co.
Terminal Radio Corp.

## OUTLETS, ANTENNA

Aerolite Electronics Corp.
Coaxial Connector Co. Inc.
Don-lan Electronics Co.
Haller Raymond & Brown Inc.
Prodelin Inc.
Technical Appliance Corp.
Telectro Industries Corp.

## PAINTS

Arro Co., The
Samuel Cabot Inc.
Drilube Co.
Krylon, Inc.
Krylon, Inc.
Midland Paint & Varnish Co., The
Shannon Luminous Materials Co.
L. Sonneborn & Sons, Inc., Building Products
Div.
Thieblot Aviation Co., Div.-Vitro Corp. of
America
United States Varnish Co.
Vorac Co., The
Waldom Electronics Inc.

## PANEL BOARDS, ELECTRIC

PANEL BOARDS, ELECTRIC

Accurate Electronics Corp., Dept. D
Aerolite Electronics Corp., Dept. D
Aerolite Electronics Corp., Dept. D
Aerolite Electronics Corp., Dir., Allied Plastics Supply Corp.
Coaxial Connector Co. Inc.
Allied Plastics Supply Corp.
Coaxial Connector Co. Inc.
Continental Diamond Fibre Corp., Sub.—The
Budd Co.
Cutler-Hammer Inc.
Devoc Engrg. Inc.
Eljay Corp., Franklin Fibre-Lamitex Corp.
General Railway Signal Co.
Guardian Electric Mfg. Co.
Guandian Electric Mfg. Co.
Guandian Electric Co.
\*KAHN & CO., INC.
Kasar Mfg. & Distributing Co., Inc.
Kilgen Aircraft Div.-The Kilgen Organ Co.
Kolton Electric Mfg. Co.
Scheffer Air Industries, Inc.
Star Engraving Co., Ltd.
Sun Electric Corp.
Telectro Industries Corp.
Thieblot Aviation Co., Div.-Vitro Corp. of
America
Tri-Point Plastics Inc.
Tucson Instrument Corp.
\*WASTINGHOUSE ELECTRIC CORP.

## **PANELS**

Accurate Electronics Corp., Dept. D Ackerman Engravers, Inc. Aerodex, Inc. Aerolite Electronics Corp. Allied Engraving & Stamping Co. Allied Plastics Supply Corp. Atlantic Engravers, Inc.

Cedar Engrg. Div.-Control Data Corp.
Continental Diamond Fibre Corp., Sub.—The
Budd Co.
Electronics Dept., Hamilton Standard Div.,
United Aircraft Corp.
Filay Corp.
Franklin Fibre-Lamitex Corp.
General Railway Signal Co.
\*KAHN & CO., INC.
\*MISSILE COMPONENTS GROUP, ELECTRO-SNAP
SWITCH & MFG. CO.
Sparlan Marking Corp.
Star Engraving Corp.
Star Engraving Co., Ltd.
Telectro Industries Corp.
\*WASHINGTON ALUMINUM CO., INC.

## Fibre

Accurate Electronics Corp., Dept. D Allied Engraving & Stamping Co. Allied Plastics Supply Corp. Continental Diamond Fibre Corp., Sub.—The Continental Diamond Fibre Corp., Sub.—The Budd Co. Fischer & Porter Co. Franklin Fibre-Lamitex Corp. \*MISSILE COMPONENTS GROUP, ELECTRO-SNAP SWITCH & MFG. CO. Penn Fibre & Specialty Co., Inc. Rogers Corp. Spartan Marking Corp. Star Engraving Co., Ltd. Telectro Industries Corp. Thieblot Aviation Co., Div.-Vitro Corp. of America

## Flight Instrument

Allied Plastics Supply Corp.
Canadian Radium & Uranium Corp.
Cleveland Metal Specialities Co.
Electronics Dept., Hamilton Standard Div.,
United Aircraft Corp.
Eljay Corp.
Lear, Inc.
Lumen, Inc.
MISSILE COMPONENTS GROUP, ELECTROSNAP SWITCH & MFG. CO.
Nuclear Products-Erco, Div.-ACF Industries, Inc.
Schaffer Air Industries, Inc.
Sightmaster Corp.-Mutual Electronics Industries
Inc. Signification Corp.

Sparian Marking Corp.
Star Engraving Co., Ltd.
Telectro Industries Corp.
Thieblot Aviation Co., Div.-Vitro Corp. of America

\*WASHINGTON ALUMINUM CO., INC.

## Instrument

Instrument

Acromark Co., The
Allied Engraving & Stamping Co.
Allied Plastics Supply Corp.
Canadian Radium & Uranium Corp.
Cedar Engrg. Div.-Control Data Corp.
Cleveland Metal Specialties Co.
Devco Engrg. Inc.
Electronics Dept., Hamilton Standard Div.,
United Aircraft Corp.
Elay Corp.
Falstrom Co.
Fischer & Porter Co.
Hallamore Electronics Co.
A. F. Holden Co., The
Industrial Engravers Inc.
\*KAHN & CO., INC.
Henry & Miller Industries, Inc.
\*MISSILE COMPONENTS GROUP. ELECTROSNAP SWITCH & MFG. CO.
Schaffer Air Industries, Inc.
Sightmaster Corp.-Mutual Electronic Industries,
Inc.
Snartan Marking Corp. Sightmaster Corp.-Murual Electronic Inc.
Sparlan Marking Corp.
Star Engraving Co., Ltd.
Sun Electric Corp.
Telectro Industries Corp.
United States Radium Corp.
Waldom Electronics Inc.
\*WASHINGTON ALUMINUM CO., INC.

## Jack

Accurate Electronics Corp., Dept. D Aerolite Electronics Corp. Eljay Corp. \*MISSILE COMPONENTS GROUP, ELECTRO-SNAP SWITCH & MFG. CO. Schaffer Air Industries, Inc. Star Engraving Co., Ltd. Telectro Industries Corp.

## Receiver & Transmitter

Communications Co. Electronics Dept., Hamilton Standard Div., United Aircraft Corp. United Aircreit Corp.
Ellay Corp.
Industrial Engravers Inc.
Lane Electronics Mfg. Corp.
MISSILE COMPONENTS GROUP, ELECTROSNAP SWITCH & MFG. CO.
Star Engraving Co., Ltd.
Telectro Industries Corp.

## Relay Rack

Aerodex, Inc.
G. M. Dykes Iron Works, Inc.
General Railway Signal Co.
J-V-M Microwave Co.
Lenkurt Electric Co., Inc.
WISSILE COMPONENTS GROUP, ELECTROSNAP SWITCH & MFG. CO.
Premier Metal Products Co.
Telectro Industries Corp.

## PARABOLAS, MICROWAVE

Ainsile Corp.
American Electronic Labs., Inc.
PDALMO VICTOR CO., DIV.-TEXTRON INC.
Dwyer Engrg. Co., Inc.
Gabriel Co., The Gabriel Electronics Div.
Goodyear Aircraft Corp.
Haller Raymond & Brown Inc.
D. S. Kennedy & Co.
La Pointe Industries Inc.
Microwave Electronics Div., Sperry Gyroscope
Co. Co.
\*PHOENIX PRODUCTS CO.
Prodelin Inc.
Ryan Aeronautical Co.

Sanders Associates, Inc.
Spincraft, Inc.
Technical Appliance Corp.
Technical Oil Tool Corp.
\*WASHINGTON ALUMINUM CO., THE

## PATCH CORDS, CONNECTORS

PATCH CORDS, CONNECTO
Alden Products Co.
Alden Products Co.
Belden Mfg. Co.
Belden Mfg. Co.
Binbach Radio Co., Inc.
Coaxial Connector Co. Inc.
Dunlap Electronics, Inc.
Electronic Techniques, Inc.
Electronic Techniques, Inc.
Hallamore Electronic Co., Inc.
Hallamore Electronic Co.
Internationel Electric Industries, Inc.
Joy Mfg. Co.
Pomona Electronics Co., Inc.
Switchcraft, Inc.
Telectro Industries Corp.
Western International Co.

## PATCH CORDS, STUDIO

Americen Super-Temperature Wires, Inc.
Belden Mfg. Co.
Dunlap Electronics, Inc.
Electronics Co., Inc.
Hallamore Electronics Co.
Hammett Electric Co., Inc.
Lenkurt Electric Co., Inc.
Pomona Electronics Co., Inc.
Switchcraft, Inc.
Telectro Industries Corp.
Western International Co.

## PATCH PANELS

AMP Inc.
Accurate Electronics Corp., Dept. D
Electronic Techniques, Inc.
General Railway Signal Co.
Goodyear Aircraft Corp.
Hallamore Electronics Co.
\*MISSILE COMPONENTS GROUP, ELECTRO-SNAP
SWITCH & MFG. CO.
Schaffer Air Industries, Inc.
Star Engraving Co., Ltd.
Stanley Aviation Corp.
Switchcraft, Inc.
Telectro Industries Corp.
Twix Mfg. Co., Inc.
United States Radium Corp.
Vector Electronic Co.

## PERMEAMETERS, HIGH H

Hammett Electric Co. Minneapolis-Honeywell Regulator Co., Industrial Div.

## PERMEATERS, R-F

Hammett Electric Co.

## PHOTO ETCHED COMPONENTS

Advance Industries, Inc.
Bendix Aviation Corp., York Div.
Cleveland Metal Specialties Co.
Cubic Corp.
Dwyer Engrg. Co., Inc.
Keil Engrg. Products
La Ponite Industries Inc.
Pacific Universal Products Corp.
Precision Circuits, Inc.
Radar Design Corp.
Sanders Associates, Inc.
Telectro Industries Corp.
Zenith Optical Laboratory

## PILOTS, AUTOMATIC

PILOTS, AUTOMATIC

American Research & Mfg. Corp.
Eclipse-Pioneer Div., Bendix Aviation Corp.
Electronics Dept., Hamilton Standard Div.,
United Aircraft Corp.
Globe Industries, Inc.,
Goodyear Aircraft Corp.
Javelin Aircraft Co., Inc.
Kearfott Co., Inc.
Lear, Inc., Grand Rapids Div.
Mineapolis-Honeywell Regulator Co., Aeronautical Div.
Ryan Aeronautical Co.
Sanders Associates, Inc.
Tactair Valve Div.-Aircraft Products Co.
\*WESTINGHOUSE ELECTRIC CORP., AIR ARM
DIV.

## PITOT TUBES

Aero Instrument Co. Aero Research Instrument Co. Inc. E. Vernon Hill & Co. Kemp Aero Products, Div. Kemp Inc. Task Corp.

## PLOTTERS, X-Y

Analogue Controls, Inc.
Antlab Inc.
Benson-Lehner Corp.
Chesapeake Instrument Corp.
Electronic Associates, Inc.
Fenske Fedirick & Miller Co.
Gilmore Industries Inc.
Leeds & Northrup Co.
Minneapolis-Honeywell Regulator Co., Industrial
Div. Minneapolis-Honeywell Regulator Co., Div.
F. L. Moseley Co.
Reeves Instrument Corp.
Sanders Associates, Inc.
Skiatron Electronics & Television Corp.
Telectro Industries Corp.

## PLUG-IN-CIRCUIT UNITS

PLUG-IN-CIRCUIT UNITS

Advance Industries, Inc., Alden Products Co, American Electronics, Inc., Data-Tronics Div. Autonetics, Div.-North American Aviation, Inc. BJ Electronics, Borg-Warner Corp., Bendix Aviation Corp., York Div. Continental Connector Corp.

Bendix Aviation Corp., York Div. Continental Connector Corp.

Cubic Corp.

Doty Acoustica Electronic Labs.

Dunlap Electronics, Inc.

Dwyer Engrg. Co., Inc.

Electronic Engrg. Co. of California

Electronic Processes Corp. of California

Electronic Techniques, Inc.

General Railway Signal Co.

Goodyear Aircraft Corp.

International Electric Industries, Inc.

La Pointe Industries Inc.

Lytle Engrg. & Mig. Co.

Methode Mig. Corp.

MISSILE COMPONENTS GROUP, ELECTRO-SNAP

SWITCH & MFG. CO.

Motorla Inc., Millfary Marketing Div.

NYT Electronics, Inc.

Precision Circuits, nc.

Ryan Aeronautical Co.

Skiatron Electronics Systems, Div.-Sylvania Electronic Telectronics Systems, Div.-Sylvania Electronic Co.

Walkirt Co.

PLILICS

## PLUGS

Accurate Electronics Corp., Dept. D
Advance Industries, Inc.
Alden Products Co.
Birnbach Radio Co., Inc.
Burndy Corp., Omaton Div.
Circon Component Corp.
Coaxial Connector Co., Inc.
Continental Connector Corp.
Garde Mfg. Co.,
General Railway Signal Co.
E. F. Johnson Co.
Librascope Inc.
Sylvania Electric Products Inc., Parts Div.
Vector Electronic Co.

## Computer Board

Continental Diamond Fibre Corp., Sub.-The Budd Co. Librascope Inc. P. R. Malory & Co. Inc. Methode Mfg. Corp. Telectro Industries Corp.

## Connector

Accurate Electronics Corp., Dept. D. Alden Products Co.

Birnbach Radio Co., Inc.
Burndy Corp., Omaton Div.
Cal-Ohm Labs., Inc.
Circon Component Corp.
Coaxial Connector Co., Inc.
Continental Connector Corp.
R. C. Dudek & Co.
Fleo Corp.
Flectronic Techniques, Inc.
Garde Mig. Co.
Hobson Brothers, Inc.
Walter K. Jaros, Aircrafters
E. F. Johnson Co.
Kulka Electric Corp.
P. R. Malory & Co. Inc.
Methode Mig. Corp.
Pyle-National Co., The
Scintilla Div., Bendix Aviation Corp.
Star Engraving Co., Ltd.
Sylvania Electric Products Inc., Parts Div.
Telectro Industries Corp.
Ucinite Co., The,—United-Carr Fastener Corp.

## Dehydrator

Driaire, Inc. Walter K. Jaros, Aircrafters Telectro Industries Corp. Universal Dynamics Corp.

## Expansion

Continental Diamond Fibre Corp., Sub.-The Budd Co.
Walter K. Jaros, Aircrafters
Telectro Industries Corp.

## Hardware

Aaroldra Aaroldra Electronics Corp.
Amatom Electronic Hardware Co. Inc.
American Brass Co., The
Birnbach Radio Co., Inc.
Carroll Pressed Metal, Inc.
Circon Component Corp.
Corbin Products Div.
Dumont Aircraft Fitting Co.
Kasar Mtg. & Distributing Co., Inc.
Litton Industries, Components Div.
Telectro Industries Corp.

## Metallic

American Brass Co., The Dumont Aircraft Fitting Co. Kasar Mfg. & Distributing Co., Inc. Keystone Electronics Corp. Paul & Beekman, Inc. Telectro Industries Corp.

## Non Metallic

Circon Component Corp.
Continental Diamond Fibre Corp., Sub.—The Budd Co.
Electronic Techniques, Inc.
Emerson Plastics Corp.
Kasar Mfg. & Distributing Co., Inc.
Mica Fabricating Co.
Mica Fabricating Co.
Tubbercraft Corp. of California
Telectro Industries Corp.
Truxton Industries, Inc.
Yector Electronic Co.

## Printed Circuit

Advance Industries, Inc.
Cal-Ohm Labs., Inc.
Cal-Ohm Labs., Inc.
Circon Component Corp.
Cleveland Metal Specialties Co.
Confinental Connector Corp.
Dunlap Electronics, Inc.
Elec Corp.
Electronics Dept., Hamilton Standard Div.,
United Aircraft Corp.
Garde Mfg. Co.
\*KOONTZ-WAGNER ELECTRIC CO., INC.
La Pointe Industries Inc.
Litton Industries Inc.
Litton Industries, Components Div.
Methode Mfg. Corp.
Milmanco

Methode Mrg. Corp.
Milmanco
Star Engraving Co., Ltd.
Sylvania Electric Products Inc., Parts Div.
Techniques, Inc.
Telectro Industries Corp.
Ucinite Co., The, Div.—United-Carr Fastener Corp.
United-Carr Fastener Corp.

## Telephone

Alden Products Co.
Birnbach Radio Co., Inc.
Continental Connector Corp.
Emerson Plastics Corp.
P. R. Mallory & Co Inc.
Richards Electrocraft, Inc.
Switchcraft, Inc.
Western International Co.

## Terminal

Accurate Electronics Corp., Dept. D Amatom Electronic Hardware Co. Inc.

American Brass Co., The Birnbach Radio Co., Inc. Burndy Corp., Omaton Div. Continental Connector Corp. Electronic Techniques, Inc. Emerson Plastics Corp. Garde Mfg. Co. General Railway Signal Co. Hydro Molding Co. Inc. Kulka Electric Corp. Litton Industries, Components Div. P. R. Mallory & Co. Inc. Vinson Mfg. Co. Inc.

## PNEUMATIC CONTROLS AND

PNEUMATIC CONTROLS AND SYSTEMS

Aeronautical & Instrument Div., Robertshaw-Fulton Controls Co.
\*AMERICAN MACHINE & FOUNDRY CO.
Auto-Control Labs., Inc.
Autonetics, Div.-North American Aviation, Inc. Bridgwater Machine Co.
Cadillac Gage Co.
Consolidated Controls Corp.
\*COOPER DEVELOPMENT CORP.
\*CORNELIUS CO., THE
Devo. Engrg. Inc.
Dynamic Controls Corp.
Eaton Mfg. Co., Inc., Fredric Flader Div.
Electronics Dept., Hamilton Standard Div.,
United Aircraft Corp.
Fischer & Porter Co.
Futurecraft Corp.
G. W. Galloway Co.
\*ARRETT CORP, THE, AIRESEARCH MFG. DIVS.
General Controls Co.
Guided Missile Div.-De Havilland Aircraft of Canada, Ltd.
Hydra-Power Corp.
\*KAHN & CO., INC.
Kemp Aero Products, Div.-Kemp Inc.
Walter Kidde & Co., Inc., Aviation Div.
Koehler Aircraft Froducts Co., Inc.
Lear, Inc.
Marquardt Aircraft Co.
\*WALLACE O. LEONARD, INC.
Lyndon Aircraft, Inc.
Ozone Metal Products Corp.
Parker Aircraft Co.
Powers Regulator Co., The
Progressive Research & Development Co., Inc.
Research Controls
Ryan Aeronautical Co.
Scientific Instrument Co.
Scientific Instrument Co.
Sun Electric Corp.
Tactair Valve Div.-Aircraft Products Co.
Telectro Industries Corp.
Thieblot Aviation Co., Div.-Vitro Corp. of
America
Transco Products, Inc.
United Control Corp.
Vap-Air Div., Vapor Heating Corp.
Varo Mfg. Co.
Waldorf Instrument Co., Div.-F. C. Huyck &
Sons
Weston Hydraulics, Ltd.
Whittaker Controls, Div.-Telecomputing Corp. Sons
Weston Hydraulics, Ltd.
Whittaker Controls, Div.-Telecomputing Corp.

## POSTS, BINDING

Accurate Electronics Corp., Dept. D
Aerolite Electronics Corp.
Affiliated Screw Products Co.
Birnbach Radio Co., Inc.
Coavial Connector Co. Inc.
Corbin Products Div.
Elco Corp.
E. F. Johnson Co.
Litton Industries, Components Div.
Malco Tool & Mfg. Co.
Telectro Industries Corp.
Waldom Electronics Inc.

## POTENTIOMETER TRIMMERS

POTENTIOMETER TRIMMERS

Ace Electronics Associates, Inc.
Anton Electronic Labs., Inc.
Borg Equipment Div.-The George W. Borg Corp.
Cal-Ohn Labs., Inc.
Chicago Telephone Supply Corp.
Clarostat Mfg. Co., Inc.
Dale Products, Inc.
Joe Davidson & Associates
Edcliff Instruments
Fairchild Controls Corp., Components Div.
General Controls Co.
Hammett Electric Co.
Helipot Corp.
Gerard G. Leeds Co., Inc.
Narda Microwave Corp., The
Precision Line Inc.
\*\*SCHWEBER ELECTRONICS
Telectro Industries Corp.
Tucson Instrument Corp.

## **POTENTIOMETERS**

Ace Electronics Associates, In Allegany Instrument Co., Inc. American Electronics, Inc. Analogue Controls, Inc.

Anton Electronic Labs., Inc.
Borg Equipment Div.-The George W. Borg Corp.
Brush Instruments, Div.-Clevite Corp.
Chicago Telephone Supply Corp.
Clarostat Mig. Co., Inc.
F. W. Corbett Science Labs.
Dale Products, Inc.
Daven Co., The
Joe Davidson & Associates
Dejur-Amsco Corp.
Dwyer Engrg. Co., Inc.
Electronath Corp.
Electro-Measurements Inc.
Electro-Measurements Inc.
Electro-Mec Lab. Inc.
Electronics Corp. of America
Electro-Mec Lab. Inc.
General Electric Co., Apparatus Sales Div.
General Controls Corp., Components Div.
General Controls Co.
Hammett Electric Co.

## High Resistance

Aigh Resistance

Ace Electronics Associates, Inc.
Anton Electronic Labs., Inc.
Clarostat Mfg. Co., Inc.
P. W. Corbett Science Labs.
Dale Products, Inc.
Dejur-Amsco Corp.
Electromath Corp.
Electromath Corp.
Electro-Mec Lab. Inc.
Elektro-Serv Co.
General Controls Co.
Hammett Electric Co.
Helipot Corp.
Humphrey, Inc.
Gerard G. Leeds Co., Inc.
Markite Corp.
Precision Line Inc.
Servonic Instruments, Inc.
Tucson Instrument Corp.

## High Voltage

Ace Electronics Associates, Inc.
Anton Electronic Labs., Inc.
Clarostat Mig. Co., Inc.
Dejur-Amsco Corp.
Electromath Corp.
Hammett Electric Co.
Helipot Corp.
Markite Corp.
Servonic Instruments, Inc.
Tucson Instrument Corp.

## Induction

American Electronics, Inc. G. L. Collins Corp. Diehl Mfg. Co. Electro-Measurements Inc. Hammett Electric Co. Helipot Corp. Perkin-Elmer Corp. Reeves Instrument Corp.

## Linear & Non-Linear Precision Carbon

Computer Instruments Corp. F. W. Corbett Science Labs. Dwyer Engrg. Co., Inc. Elektro-Serv Co. Hammett Electric Co. Gerard G. Leeds Co., Inc.

## Linear & Non-Linear Precision Wire Wound

Wound

Ace Electronics Associates, Inc.
American Electronics, Inc.
Analogue Controls, Inc.
Anton Electronic Labs., Inc.
Borg Equipment Div.-The George W. Borg Corp.
Cal-Ohn Labs., Inc.
Clarostat Mfg. Co., Inc.
F. W. Corbett Science Labs.
Dale Porducts, Inc.
Joe Davidson & Associates
Daystrom Pactific Div., Daystrom Inc.
Dejur-Amsco Corp.
Electro-Measurements Inc.
Electro-Measurements Inc.
Electro-Mesurements Inc.
Fairchild Controls Corp., Components Div.
General Controls Co.
Hammett Electric Co.
Helipot Corp.
Humphrey, Inc. Humphrey, Inc.

Gerard G. Leeds Co., Inc.
Leeds & Northrup Co.
P. R. Mallory & Co. Inc.
Osborne Electronic Sales Corp.
Pacific Scientific Co.
Perkin-Elmer Corp.
Precision Line Inc.
Sevonic Instruments, Inc.
Spectrol Electronics Div., Carrier Corp.
Topper Mfg. Co., Inc.
Tucson Instrument Corp.

## Metallic Film

Chicago Telephone Supply Corp.
F. W. Corbett Science Labs.
Dale Products, Inc.
Fairchild Controls Corp., Components Div.
Hammett Electric Co.
Helipot Corp.
Gerard G. Leeds Co., Inc.
Zenith Optical Laboratory

## Portable Instrument

Portable Instrument
Ace Electronics Associates, Inc.
Allegany Instrument Co., Inc.
F. W. Corbett Science Labs.
Dale Products, Inc.
R. C. Dudek & Co.
Gray Instrument Co.,
Hammett Electric Co.
Humphrey, Inc.
Leeds & Northrup Co.
Minneapolis-Honeywell Regulator Co., Industrial
Div.
Non-Linear Systems Inc.
General Electric Co., Apparatus Sales Div.
Sun Electric Corp.
Telectro Industries Corp.
Tucson Instrument Corp.

## Precision

Precision

Allegany Instrument Co., Inc.
American Electronics Inc.
Analogue Controls, Inc.
Analogue Controls, Inc.
Anton Electronic Labs., Inc.
Borg Equipment Div.-The George W. Borg Corp.
Clarostat Mfg. Co., Inc.
Computer Instruments Corp.
F. W. Corbett Science Labs.
Dale Products, Inc.
Joe Davidson & Associates
Daystrom Pacific Div., Daystrom Inc.
Dejur-Amsco Corp.
Electromath Corp.
Electro-Measurements Inc.
Electro-Measurements Inc.
Electro-Measurements Inc.
Electro-Measurements Inc.
Electro-Serv Co.
Gray Instrument Co., Apparatus Sales Div.
General Controls Corp.
Conceral Controls Co.
Gray Instrument Co.
Hammett Electric Co.
Hammett Electric Co.
Hammett Electric Co.
Hammett Electric Co.
Markire Corp.
Humphrey, Inc.
Gerard G. Leeds Co., Inc.
Leeds & Northrup Co.
Markire Corp.
Minneapolis-Honeywell Regulator Co., Industrial
Div.
Non-Linear Systems Inc.
Osborne Electronics Sales Corp.
Precision Line Inc.
Spectrol Electronics Div., Carrier Corp.
Tucson Instruments Inc.
Spectrol Electronics Div., Carrier Corp.
Tucson Instruments Inc.
Spectrol Electronics Div., Carrier Corp.
Tucson Instrument Corp.
U. S. Gauge Div.-American Machine & Metals, Inc.

## Precision Auto-Transformer

F. W. Corbett Science Labs. R. C. Dudek & Co. Electro-Measurements Inc. Electro-Measurements Inc.
Gertsch Products Inc.
Goslin Electric & Mfg. Co.
Hammett Electric Co.
Minco Products, Inc.
Perkin-Elmer Corp.
Saratoga Industries

## Precision Carbon Film

Computer Instruments Corp.
F. W. Corbett Science Labs.
Dwyer Engrg. Co., Inc.
Elektro-Serv Co.
Hammett Electric Co.
Gerard G. Leeds Co., Inc.
Phaostron Instrument & Electronic Co.

## Printed Circuit

Ace Electronics Associates, Inc.
American Printed Circuits Co., Inc.
F. W. Corbett Science Labs.
Dale Products, Inc.
Dwyer Engrg. Co., Inc.
Hammett Electric Co.
Humphrey, Inc.
Gerard G. Leeds Co., Inc.
P. R. Mallory & Co. Inc.

Milmanco Precision Line Inc. Servonic Instruments Inc. Zenith Optical Laboratory

## Rectilinear

Ace Electronics Associates, Inc.
Analogue Controls, Inc.
Clarostat Mfg. Co., Inc.
Computer Instruments Corp.
F. W. Corbett Science Labs.
Dejur-Amsco Corp.
Edcliff Instruments
Electromath Corp.
Elektro-Serv Co.
Fairchild Controls Corp., Components Div.
General Controls Co.
Hammett Electric Co.
Humphrev. Inc. Hammert Electric Co. Humphrey, Inc. Gerard G. Leeds Co., Inc. Markite Corp. Minco Products, Inc. Precision Line Inc. Tucson Instrument Corp.

## Slidewire

Aerovox Corp.
Analogue Controls, Inc.
F. W. Corbett Science Labs.
Dejur-Amsco Corp.
Gensral Controls Co.
Hammett Electric Co.
Helipot Corp.
Micro-Wire Tungsten & Molybdenum Products
Model Rectifier Corp.
Precision Line Inc.

\*AC SPARK PLUG DIY., GENERAL MOTOR CORP.

## POWER SUPPLIES

POWER SUPPLIES

\*AC SPARK PLUG DIV., GENERAL MOTOR CORP.
Amp Inc.
Acme Electric Corp.
Advance Industries, Inc.
Aerovox Corp.
Airtron, Inc.
Airtron, Inc.
Airtron, Inc.
Alfred Electronics
Allegany Instrument Co., Inc.
Allegany Instrument Co., Inc.
American Electronics, Inc.
\*AMERICAN MACHINE & FOUNDRY CO.
American Research & Mfg. Corp.
American Television & Radio Co.
Amplifier Corp. of America
Amoux Corp.
Associated Research, Inc.
Avion Div., ACF Industries, Inc.
\*\*BEHLMAN ENGRG. CO.
Bendix Aviation Corp., York Div.
Bogue Electric Mfg. Co.
J. H. Bunnell & Co.
Burroughs Corp.
Communications Co.
Computer Engrg. Associates Inc.
Communications Co.
Communications Co.
Communications Co.
Communications Co.
Communications Co.
Communications Co.
Computer Engrg. Associates Inc.
Consolidated Electrodynamics Corp.
Frank R. Cook Co.
\*\*COOPER DEVELOPMENT CORP.
\*\*DATA-CONTROL SYSTEMS INC.
Joe Davidson & Associates
Del Electronics Corp.
Eston Mfg. Co., Inc., Fredric Flader Div.
Ecor Div.-F. L. Jacobs Co.
Electronic Techniques, Inc.
Electronic Communications, Inc.
Electronic Techniques, Inc.
Fairfield Engineering Corp.
Fansteel Metallurgical Corp. Engineered Magnetics, Div.-Gulton Industries, Inc.
Fairfield Engineering Corp.
Fansteel Metallurgical Corp.
Ferranti Electric, Inc.
Food Instrument Co., Div.-Sperry Rand Corp.
\*GARRETT CORP., THE, AIRESEARCH MFG. DIVS.
Geisler Labs.
General Electric Co., Apparatus Sales Div.
General Instrument Corp., Defense Products Div.
General Precision Lab. Inc.
General Railway Signal Co.
Goodyear Aircraft Corp.
Gray Mfg. Co., The
Green Rectifier. To.
Guided Missile Div.-De Havilland Aircraft of
Canada, Ltd.
Hallamore Electronics Co.
Hernner Electric Co.
Hernner Electric Co.
Hernner Electronics Co.
Hoover Electronics Co.
Hoover Electronics Co.
Hover Electronics Co.
Hover Electronics Co.
HINTERLECTRONICS CORP. \*KAHN & CO., INC.
Kinevox-Hallen

Kurz & Root Co. Land-Air, Inc., Sub.-California Eastern Aviation, Land-Air, Inc., Sub-California Eastern Aviation, Inc.
Gerard G. Leeds Co., Inc.
Leeds & Northrup Co.
Magnavox Co., The
P. R. Mallory & Co., Inc.
Masson Laboratories, Inc.
Master Specialties Co.
Minneapolis-Honeywell Regulator Co., Boston Div.
Minneapolis-Honeywell Regulator Co., Ordnanca
Div.

Minneapolis-Honeywell Regulator Co., Sosiol Minneapolis-Honeywell Regulator Co., Ordnanca Div.

MOTOR GENERATOR CORP.

Motordyne, Inc.
Motoresearch Co., Motoresearch Co., Motorola Inc., Military Marketing Div.
Multi-Amp Corp.
Munston Mfg. & Service, Inc.
NJE Corp.
NYT Electronics, Inc.
Neutronic Associates
North Hills Electric Co., Inc.
Opad Electric Co.
Orbitran Co., Inc.
Oven Labs., Inc.
Peschel Electronics, Inc.
Peschel Electronics, Inc.
Peschel Electronics, Inc.
Peschel Electronics, Inc.
Potiter Co., The
Power Sources, Inc.
One Capacitors, Inc.
Potiter Co., The
Power Sources, Inc.
One Sources, I

Sun Electric Corp.
Sundstrand Turbo Div., Sundstrand Machine Tool
Co.
Task Corp.
Telectro Industries Corp.
Telectro Industries Corp.
Telelkor, Inc.
Telenstrument Electronics Corp.
Telelkor, Inc.
Tensor Electric Development Co., Inc.
Transistor Devices, Inc.
Ultradyne, Inc.
Ultradyne, Inc.
Ultradyne, Inc.
United Electrodynamics, Div.-United Geophysical
Corp.
Universal Electronics Co.
Varo Míg. Co.
Vibration Research Labs., Inc.
\*VICKERS INC., MARINE & ORDNANCE DEPT.,
MACHINERY HYDRAULICS DIV.
Wave Particla Corp.
\*WESTINGHOUSE ELECTRIC CORP.
Wickes Engrg. & Construction Co., Inc.
Wincharger Corp.

PRINTED CIRCUITS PRINTED CIRCUITS

\*\*AC SPARK PLUG DIV., GENERAL MOTOR CORP.
Advance Industries, Inc.,
Airron, Inc.
American Electronics, Inc., Data-Tronics Div.
American Frinted Circuits Co., Inc.,
Autonetics, Div.-North American Aviation, Inc.
BJ Electronics, Borg-Warner Corp.
Bendix Aviation Corp., York Div.
Bomyte Co., The
Brubaker Electronics, Inc., Sub.-Telecomputing
Corp.
Circon Component Corp.
Cleveland Metal Specialities Co.
Consolidated Electrodynamics Corp.
Dale Products, Inc.
Dunlap Electronics Corp.
Edgerton, Germeshausen & Grier, Inc.
Electronic Sorp.
Electronic Associates, Inc.
Electronic Associates, Inc.
Electronic Associates, Inc.
Electronic Associates, Inc.
Electronic Sorp.
General Components, Inc.
General Instrument Corp.
General Components, Inc.
General Instrument Corp.
General Precision Lab. Inc.
B. F. Goodrich Aviation Products
Goodyear Aircraft Corp.
Haller Raymond & Brown, Inc.
Hammatt Electric Co.
Hansen Electronics Co.
Joclin Mig. Co.
Keil Engrg. Products
A Pointe Industries, Inc.
Litton Industries, Components Div.
Lyttle Engrg. & Mig. Co.
Methode Mig. Corp. \*AC SPARK PLUG DIV., GENERAL MOTOR CORP.
Advance Industries. Inc.

Milmanco
Motorola Inc., Military Marketing Div.
Mycalex Corp. of America
Naz-Dar Co.
Onondaga Pottery Co., Electronics Div.
Pacific Moulded Products Co.
Precision Circuits, Inc.
Printed Electronics Corp.
Radio Industries, Inc.
Printed Electronics Corp.
Radio Industries, Inc.
RRESEARCH & ADVANCED DEVELOPMENT DIV.,
AVCO MFG. CORP.
Rogers Corp.
Ryan Aeronautical Co.
St. Regis Paper Co.
Sanders Associates, Inc.
Skiatron Electronics & Television Corp.
Sohl Co., The
Star Engraving Co., Ltd.
Stromberg-Carlson, Electronics Div.
Superex Electronics Corp.
Sylvania Electric Products Inc., Parts Div.
Techniques, Inc. Sylvania Electric Products Inc., Fairs Div. Techniques, Inc.
Telectro Industries Corp.
Tri-Point Plastics Inc.
Ucinite Co., The, Div.—United-Carr Fastener
Corp.
United-Carr Fastener Corp.

## **PROBES**

Aero Research Instrument Co. Inc.
E-Z-Hook Test Products
Narda Microwave Corp., The
Phaostron Instrument & Electronic Co.
Precision Apparatus Co., Inc.
Sage Laboratories, Inc.
Task Corp.
Telectro Industries Corp.
Tensor Electric Development Co., Inc.
Transvision, Inc.

## Crystal

Aircom Inc.
Baird-Atomic, Inc.
Baird-Atomic, Inc.
Diamond Antenna & Microwave Corp.
Precision Apparatus Co., Inc.
Radiation Counter Labs., Inc.
Sage Laboratories, Inc.
Telectro Industries Corp.
Tensor Electric Development Co., Inc.
Transvision, Inc.
Wacline, Inc.

## High Frequency

Electro Impulse Lab., Inc. Electro Impulse Lab., Inc.
Kay Electric Co.
Photobell Co., Inc.
Precision Apparatus Co., Inc.
Sylvania Electronic Systems, Div.-Sylvania Electric Products Inc.
Electron Industries Corp. Telectro Industries Co \*TELERAD MFG. CORP

## Transvision, Inc. High Voltage

Massa Labs., Inc.
Potter Co., The
Precision Apparatus Co., Inc.
Sylvania Electronic Systems, Div.-Sylvania Electtric Products Inc.
Telectro Industries Corp.
Tensor Electric Development Co. Inc.
Transvision, Inc.

## Measurement

Allegany Instrument Co., Inc.
Aro Equipment Corp., The
Kennametal Inc.
Precision Apparatus Co., Inc.
Telectro Industries Corp.
\*\*\*TELERAD MFG. CORP.
Tensor Electric Development Co., Inc.
Transvision, Inc.
Victory Engineering Corp.

## Pitot Static

Advanced Electronics, Inc.
Aero Research Instrument Co. Inc.
Eclipse-Pioneer Div., Bendix Aviation Corp.
Narda Microwave Corp., The
Pioneer-Central Div., Bendix Aviation Corp.
Rosemount Engry. Co.
Servomechanisms, Inc.
Task Corp.
Telectro Industries Corp.
Transvision, Inc.

## Microwave

Aircom Inc.
Airton, Inc.
Airton, Inc.
Atco Pully Corp., York Div.
Canaga Corp. of California
Defiance Engrg. & Microwave Corp.
Demornay-Bonardi
Diamond Antenna & Microwave Corp.
Electro Impulse Lab., Inc.
John Gombos Co., Inc.
J.Y-M Microwave Co.
Microwave Electronics Div., Sperry Gyroscope
Co.
Omega Labs., Inc. Aircom Inc.

Radar Design Corp.
Ryan Aeronautical Co.
Sage Laboratories, Inc.
Technical Appliance Corp.
Telectro Industries Corp.
\*TELERAD MFG. CORP.
Transvision, Inc.
Uniwave, Inc.
Wacline, Inc.
Wacline, Inc.
Waveline, Inc.

## PULSATION CONTROL

Eagler Signal Corp. \*HOUDAILLE INDUSTRIES, INC., BUFFALO HYDRAULICS DIV. Motorola Inc., Military Marketing Div. Skiatron Electronics & Television Corp.

## RADAR, AIRBORNE

Airtron, Inc.
\*AMERICAN MACHINE & FOUNDRY CO.
American Printed Circuits Co., Inc.
Autonetics, Div.-North American Aviation, Inc.
Bendix Radio Div.-Shendix Aviation Corp.
Brubaker Electronics, Inc., Sub.—Telecomputing Bendix Radio Div.Bendix Aviation Corp.
Brubaker Electronics, Inc., Sub.—Telecomputing Corp.
Canoga Corp. of California
Callins Radio Co.
PALMO VICTOR CO., DIV.TEXTRON INC.
Emerson Electric Mfg. Co., The, Electronics & Avionics Div.
Farnsworth Electronics Co., Div.Int'l. Telephone & Telegraph Corp.
Geisler Labs.
General Communication Co.
General Instrument Corp., Defense Products Div.
General Precision Lab. Inc.
Goodyear Aircraft Corp.
Gray Mg. Co., The
Haller Raymond & Brown Inc.
Hazeltine Electronics Div.Hazeltine Corp.
La Pointe Industries Inc.
Lavoie Labs., Inc.
Magnavox Co., The
W. L. Maxson Corp., The
Motorola Inc., Military Marketing Div.
Pacific Div.Bendix Avietion Corp.
Philco Corp., Government & Industrial Divs.
Resdel Engrg. Corp.
Resdel Engrg. Corp.
Stewart-Wanner Corp.
Stromberg-Carlson, Electronics Div.
Sylvania Electronic Systems Div.-Sylvania Electronic Products Inc.
Technical Oil Tool Corp.
Telectro Industries Corp.
\*\*\*TELERAD MFG. CORP.
\*\*\*WASHINGTON ALUMINUM CO., INC.
Wase Parlicle Corp.
\*\*WESTINGHOUSE ELECTRIC CORP., AIR ARM DIV.

RADAR, PRECISION APPROACH

## RADAR, PRECISION APPROACH

Airtron, Inc. Bendix Radio Div. Bendix Aviation Corp. Brubaker Electronics, Inc., Sub.—Telecomputing Brubaker Electronics, Inc., Sub.—Telecomputing Corp.
Electronics Dept., Hamilton Standard Div., United Aircraft Corp.
Emerson Electric Mfg. Co., The, Electronics & Avionics Div.
General Instrument Corp., Defense Products Div.
Haller Raymond & Brown Inc., Motorola Inc., Military Marketing Div.
Philco Corp., Government & Industrial Divs.
Radio Corporation of America, Defense Electronic Products
Reeves Instrument Corp.
Ryan Aeronautical Co.
Sylvania Electronic Systems, Div.-Sylvania Electric Products Inc.
\*WASHINGTON ALUMINUM CO., INC.
Wunderich Radio Co.

## RADAR, SURVEILLANCE

Airtron, Inc. Bendix Radio Div.-Bendix Aviation Corp. Brubaker Electronics, Inc., Sub.-Telecomputing Bendix Radio Div.-Bendix Aviation Corp.
Brubaker Electronics, Inc., Sub.-Telecomputing
Corp.
Cancpa Corp. of California
\*\*DALMO VICTOR CO., DIV.-TEXTRON INC.
Electronics Dept., Hamilton Standard Div.,
United Aircraft Corp., Hamilton Standard Div.,
Cenerson Electric Mfg. Co., The, Electronics &
Avionics Div.
General Instrument Corp., Defense Products Div.
Haller Raymond & Brown Inc.
Hazeltine Electronics Div.-Hazeltine Corp.
Lavoie Labs., Inc.
W. L. Masson Corp., The
Motorola Inc., Military Marketing Div.
Philico Corp., Government & Industrial Divs.
Radio Corporation of America, Defense Electronic Products
Sanders Associates, Inc.
Skiatron Electronics & Television Corp.
Stavid Engrg., Inc.
Stromberg-Carlson, Electronics Div.
Sylvania Electronic Systems, Div.-Sylvania Electronic Tystems, Div.-Sylvania Electronic Tystems, Div.-Sylvania Electronic Corp.

\*WASHINGTON ALUMINUM CO., INC. Westinghouse Electric Corp.
\*WESTINGHOUSE ELECTRIC CORP., AIR ARM Wunderlich Radio Co.

#### RADIO DIRECTION FINDERS

ADIO DIRECTION FINDERS

Bendix Radio Div.-Bendix Aviation Corp.
Collins Radio Co.
Electronic Communications, Inc.
Electronics Dept., Hamilton Standard Div.,
United Aircraft Corp., Defense Products Div.
Haller Raymond & Brown Inc.
Lear, Inc.
Magnavox Co., The
Munston Mfg. & Service, Inc.
Phillo Corp., Government & Industrial Divs.
Stimmonds Aerocessories, Inc.
Stromberg-Carlson, Electronics
Winder Aircraft Corp. of Fla.
Wunderlich Radio Co.

#### RADIO COMPASS INDICATORS

Collins Radio Co.
Eclipse-Pioneer Div.-Bendix Aviation Corp.
General Instrument Corp., Defense Products Div.
Instruments Div.-Philips Electronics, Inc.
Magnavox Co., The
Winder Aircreft Corp. of Fla.
Wunderlich Radio Co.

#### RADIOSONDES

American Printed Circuits Co., Inc.

\*COOPER DEVELOPMENT CORP.
General Instrument Corp., Defense Products Div.
Simmonds Aerocessories, Inc.
Sylvania Electronic Systems, Div.-Sylvania Electronic Systems,
Telectro Industries Corp.
Victory Engineering Corp.

#### **RADOMES**

Coleman Engrg, Co., Inc.
Continental Diamond Fibre Corp., Sub.—The
Budd Co.
Corning Glass Works
PDALMO VICTOR CO. DIV.-TEXTRON INC.
Diamond Antenna & Microwave Corp.
Dwyer Engrg. Co., Inc.
Electric Auto-Lite Co., The
Elektro-Serv Co.
Emerson & Cuming, Inc.
Emerson Plastics Corp., Defense Products Div.
Hastings Plasties Inc.
Irving Air Chute Co., Inc., Aviation Div.
McMillan Industrial Corp.
Microwave Electronics Div., Sperry Gyroscope
Co.
Mycalex Corp. of America
Pacific Moulded Products Co.
Prodelin Inc.
Resdel Corp.
Ryan Aeronautical Co.
Sanders Associates, Inc.
Silicione Insulation, Inc.
\*\*TELERAD MFc. CORP.
Universal Unlimited, Inc.

PATE GYPOS

#### RATE GYROS

RATE GYROS

\*AC SPARK PLUG DIV.-GENERAL MOTOR CORP.
Cedar Engrg. Div.-Control Data Corp.
Clary Dynamics
Clary Div. Bendix Aviation Corp.
Fairchild Controls Corp., Components Div.
\*GARRETT CORP., THE, AIRESEARCH MFG. DIVS.
Geisler Labs.
General Electric Co., Apparatus Sales Div.
Globe Industries, Inc.
Greenleaf Mfg. Co., The, Div.-Mandrel Industries, Inc.
Humphrey, Inc.
Iron Fireman Mfg. Co., Electronics Div.
Javelin Aircraft Co. Inc.
Lear, Inc.
Lear, Inc.
Lear, Inc.
Minneapolis-Honeywell Regulator Co., Boston
Div.
Minneapolis-Honeywell Regulator Co., Boston
Div.
Paeves Instrument Corp. Minneapois-Huiseywein Logistics
Div.
Reeves Instrument Corp.
Sanders Associates, Inc.
Wave Particle Corp.
Westinghouse Electric Corp.
\*WESTINGHOUSE ELECTRIC CORP., AIR ARM

Whittaker Gyro, Div.-Telecomputing Corp.

#### RECEIVERS

Alto Scientific Co., Inc.
\*AMERICAN MACHINE & FOUNDRY CO.
Applied Research Inc.
Browning Laboratories, Inc.
Dwyer Engrg. Co., Inc.
Electronic Communications, Inc.
Farnsworth Electronics Co. Div.-Int\*I. Telephone
& Telegraph Corp.

General Communication Co.
General Instrument Corp., Defense Products Div.
General Railway Signal Co.
Haller Raymond & Brown Inc.
Hazelfine Electronics Div.-Hazelfine Corp.
Nems Clarke Co., Div.-Vitro Corp. of America
Maico Electronics, Inc.
Manson Laboratories, Inc.
Manson Instruments
Motorola Inc., Military Marketing Div.
Munston Mfg. & Service, Inc.
Philoc Corp., Government & Industrial Divs.
RS Electronics Corp.
Radio Corporation of America, Defensa Electronic Products
Republic Aviation Corp., Guided Missiles Div.
Specific Products
Sylvania Electronic Systems, Div.-Sylvania Electronic Products
Sylvania Electronic Development Co., Inc.
Transvision, Inc.
Wilcox Electric Co., Inc.
Winder Aircraft Corp. of Fla.

#### A-M Fixed Frequency

Adler Electronics, Inc. Adler Electronics, Inc.
Amelco, Inc.
Amelco, Inc.
American Electronic Labs., Inc.
Bendix Radio Div-Bendix Aviation Corp.
Browning Laboratories, Inc.
Canoga Corp. of California
Collins Radio Co.
Communications Co.
General Instrument Corp., Defense Products Div.
General Railway Signal Co.
Haller Raymond & Brown Inc.
Nems Clarke Co., Div-Vitro Corp. of America Industrial Television Inc.
Land-Air, Inc., Sub.—California Eastern Aviation Inc. Industrial
Land-Air, Inc., Sub—Callottial
Land-Air, Inc., Sub—Callottial
Magnavox Co., The
Motorola Inc., Military Marketing Div.
Munston Mig. & Service, Inc.
National Electronics Laboratories, Inc.
Philco Corp., Government & Industrial Divs.
RS Electronics Corp.
Resdel Engrg. Corp.
Simmonds Aerocessories, Inc.
Skiatron Electronics & Television Corp.
Stromberg-Carlson, Electronics Div.
Telectro Industries Corp.
Tensor Electric Development Co., Inc.
\*\*WESTINGHOUSE ELECTRIC CORP.
Wilcox Electric Co., Inc.
Winder Aircraft Corp. of Fla.

#### A-M & F-M Communication

Adler Electronics, Inc.
Amelican Electronic Labs., Inc.
Bendix Radio Div.-Bendix Aviation Corp.
Bendix Radio Div.-Bendix Aviation Corp.
Browning Laboratories, Inc.
Canoga Corp. of California
Collins Radio Co.
Communications Co.
General Instrument Corp., Defense Products Div.
Haller Raymond & Brown Inc.
Nems Clarke Co., Div.-Vitro Corp. of America
Marconi Instruments
Motorola Inc., Military Marketing Div.
Munston Mig. & Service, Inc.
Philoc Corp., Government & Industrial Divs.
RS Electronics Corp.
Skiatron Electronics & Television Corp.
Stromberg-Carlson, Electronics Div.
Telectro Industries Corp.
Tensor Electric Development Co., Inc.
Wilcox Electric Co., Inc.
Winder Aircraft Corp. of Fla. Adler Electronics, Inc.

#### Automatic Radio Alarm

Communications Co. General Instrument Corp., Defense Products Div. Haller Raymond & Brown Inc. Skiatron Electronics & Television Corp. Telectro Industries Corp. Vinder Aircraft Corp. of Fla.

#### Binaural

American Electronics, Inc.
Browning Laboratories, Inc.
Communications Co.
General Instrument Corp., Defense Products Div.
Haller Raymond & Brown Inc.
Telectro Industries Corp.
Transvision, Inc.

#### Communication and Amateur

Amelco, Inc.
Collins Radio Co.
Collins Radio Co.
Magnavox Co., The
Marconi Instruments
Motorola Inc., Military Marketing Div.
Munston Mg. & Service, Inc.
Philco Corp., Government & Industrial Divs.
Skiatron Electronics & Television Corp.
Stromberg-Carlson, Electronics Div.
Telectro Industries Corp.
Varo Mfg. Co.

Wilcox Electric Co., Inc. Winder Aircraft Corp. of Fla. Wunderlich Radio Co.

#### Direction Finding, Navigation

Direction Finding, Navigation

Advance Industries, Inc.
Bendix Radio Div. Bendix Aviation Corp.
Collins Radio Co.
Communications Co.
Electronic Communications, Inc.
General Instrument Corp., Defense Products Div.
Haller Raymond & Brown Inc.
Lear, Inc.
Magnavox Co., The
Munston Mfg. & Service, Inc.
Philico Corp., Government & Industrial Divs.
Simmonds Aerocessories, Inc.
Skiatron Electronics & Television Corp.
Stromberg-Carlson, Electronics Div.
Sylvania Electronic Systems, Div.-Sylvania Electronic Tondustries Corp.
Wilcox Electric Co., Inc.
Winder Aircraft Corp. of Fla.

#### Distance Measuring, Navigation

Distance Measuring, Navigation

Advance Industries, Inc.
Applied Research Inc.
Applied Research Inc.
Bendix Aviation Corp., York Div.
Bendix Aviation Corp.,
Bendix Radio Div. Bendix Aviation Corp.
Collins Radio Co.
Communications Co.
Electronic Communications, Inc.
General Instrument Corp., Defense Products Div.
Haller Raymond & Brown Inc.
Motorola Inc., Military Marketing Div.
Philco Corp., Govenment & Industrial Divs.
Skiatron Electronics & Television Corp.
Stromberg-Carlson, Electronics Div.
Stylvania Electronic Systems, Div.-Sylvania Electronic Telectro Industries Corp.
Winder Aircraft Corp. of Fla.

#### Diversity

Collins Radio Co.
Communications Co.
General Instrument Corp., Defense Products Div.
Haller Raymond & Brown Inc.
Philco Corp., Government & Industrial Divs.
Skiatron Electronics & Television Corp.
Telectro Industries Corp.
Winder Aircraft Corp. of Fla.

#### Facsimile

Alden Electronic & Impulse Recording Equip.
Co.
Browning Laboratories, Inc.
Communications Co.
Electronic Communications, Inc.
General Instrument Corp., Defense Products Div.
Haller Raymond & Brown Inc.
Hogan Laboratories, Inc.
Hogan Laboratories, Inc.
Philco Corp., Government & Industrial Divs.
Skiatron Electronics & Television Corp.
Stewart-Warner Corp.
Telectro Industries Corp.
Winder Aircraft Corp. of Fla. Alden Electronic & Impulse Recording Equip.

#### Fixed Frequency

Fixed Frequency

Adler Electronics, Inc.
Ariborne Instruments Lab., Inc.
Amelco, Inc.
Amelco, Inc.
Amelco, Inc.
American Electronic Labs., Inc.
Bendix Radio Div.Bendix Aviation Corp.
Browning Laboratories, Inc.
Canoga Corp. of California
Collins Radio Co.
Communications Co.
Electronic Communications, Inc.
General Instrument Corp., Defense Products Div.
Haller Raymond & Brown Inc.
Nems Clarke Co., Div. Vitro Corp. of America
National Electronics Laboratories Inc.
Philico Corp., Government & Industrial Divs.
RS Electronics Corp.
Resdel Engrg. Corp.
Skiatron Electronics & Television Corp.
Telectro Industries Corp.
Tensor Electric Development Co., Inc.
Varo Mfg. Co.
\*WESTINGHOUSE ELECTRIC CORP.
Wilcox Electric Co., Inc.
Winder Aircraft Corp. of Fla.

#### F-M

Adler Electronics, Inc.
Advance Industries, Inc.
Amelco, Inc.
Bendix Radio Div.-Bendix Aviation Corp.
Blonder-Tongue Labs., Inc.
Browning Laboratories, Inc.
Communications Co.
Electronic Communications, Inc.
General Instrument Corp., Defense Products Div.
Haller Raymond & Brown Inc.
Mems Clarke Co., Div.-Vitro Corp. of America
Marconi Instruments

Motorola Inc., Military Marketing Div.
Philoc Corp., Government & Industrial Divs.
Polarad Electronics Corp.
RS Electronics Corp.
Skiatron Electronics & Television Corp.
Stromberg-Carlson, Electronics Div.
Telechrome Mig. Corp.
Telectron Industries CORP. \*WESTINGHOUSE ELECTRIC CORP.

# F-M Multiplex

Advance Industries, Inc.
Amelco, Inc.
Browning Laboratories, Inc.
Communications Co.
General Instrument Corp., Defense Products Div.
Haller Raymond & Brown Inc.,
Motorola Inc., Military Marketing Div.
National Electronics Laboratories, Inc.
Philco Corp., Government & Industrial
Sklatron Electronics & Television Corp.
Telectro Industries Corp.

#### Frequency Shift

Amelco, Inc.
Collins Radio Co.
Communications Co.
Electronic Communications, Inc.
Electronic Communications, Inc.
General Instrument Corp., Defense Products Div.
General Railway Signal Co.
Haller Raymond & Brown Inc.
Skiatron Electronics & Television Corp.
Telectro Industries Corp.

#### Glide Slope, Navigation

Bendix Radio Div.-Bendix Aviation Corp.
Canoga Corp. of California
Collins Radio Co.
Electronics Dept., Hamilton Standard Div.,
United Aircraft Corp.
General Instrument Corp., Defense Products Div.
Haller Raymond & Brown Inc. Halle Roy, Inc.
Reyan Aeronautical Co.
Ryan Aeronautical Co.
Skiatron Electronics & Television Corp.
Telectro Industries Corp.
Transvision, Inc.
Wilcox Electric Co., Inc.

#### Infra-Red, Navigation

nfra-Red, Navigation

Analogue Controls, Inc.
Barnes Engineering Co.
Curtiss-Wright Corp., Industrial & Scientific
Products Div.
Eastman Kodak Co.
Electronic Communications Inc.
Electronics Dept., Hamilton Standard Div.,
United Aircraft Corp.
General Instrument Corp., Defense Products Div.
Haller Raymond & Brown Inc.
Industrial Television Inc.
Infrared Industries Inc.
Motorola Inc., Military Marketing Div.
Philco Corp., Government & Industrial Divs.
Skiatron Electronics & Television Corp.
Telectro Industries Corp.

#### Loran

Canoga Corp. of California
Electronics Depth, Hamilton Standard Div.,
United Aircraft Corp.
General Instrument Corp., Defense Products Div.
Haller Raymond & Brown Inc.
Philco Corp., Government & Industrial Divs.
Polarad Electronics Corp.
Telectro Industries Corp.

#### Microwave

Advance Industries, Inc. Airborne Instruments Lab., Inc. Aircom Inc. Airtron, Inc. Airtron, Inc.
Amelco, Inc.
American Electronic Labs., Inc.
Bendix Aviation Corp., York Div.
Bendix Radio Div.-Bendix Aviation Corp.
Canoga Carp. of California
Collins Radio Do.
Demornay-Bonardi
Dwyer Engra, Co., Inc.
Electronic Communications, Inc.
Empire Products Sales Corp.
Farnsworth Electronics Co., Div.-Int'l. Telephone
& Telegraph Corp.
Geisler Labs.
General Communication Co.
General Instrument Corp., Defense Products Div.
General Precision Lab. Inc.
Goodyear Aircraft Corp.
Haller Raymond & Brown Inc.
J-V-M Microwave Co.
Lavoie Labs., Inc.
Microwave Electronics Div., Sperry Gyroscope
Co.
Motorola Inc., Military Marketing Div.
Philco Corp., Government & Industrial Divs. Amelco Inc

Polarad Electronics Corp.
RS Electronics Corp.
RS Electronics Corp.
Reeves Instrument Corp.
Reside Engrg., Corp.
Ryan Aeronaulical Co.
Sanders Associates, Inc.
Stavid Engrg., Inc.
Stavid Engrg.
Technical Oil Tool Corp.
Technical Oil Tool Corp.
Teletra MFG. CORP.
Uniwave, Inc.
Wave Particle Corp.
Wave Particle Corp.
Wunderlich Radio Co.

#### Mobile

Mobile

Amelco, Inc.
Bendix Radio Div.-Bendix Aviation Corp.
Collins Radio Co.
Communications Co.
\*CRAIG SYSTEMS, INC.
General Instrument Corp., Defense Products Div.
Haller Raymond & Brown Inc.
Motorola Inc., Military Marketing Div.
National Electronics Laboratories, Inc.
Philco Corp., Government & Industrial Divs.
Simmonds Aerocessories, Inc.
Stromberg-Carlson, Electronics Div.
Telectro Industries Corp.
Wunderlich Radio Co.

#### Panoramic

Amelco, Inc.
CGS Labs., Inc.
General Instrument Corp., Defense Products Div.
Haller Raymond & Brown Inc.
Panoramic Radio Products, Inc.
Polarad Electronics Corp.
Simmonds Aerocessories, Inc.
Telectro Industries Corp.

#### Portable & Mobile

Amelco, Inc.

Bendix Radio Div.-Bendix Aviation Corp.
Communications Co.

\*CRAIG SYSTEMS, INC.
General Instrument Corp., Defense Products Div.
Haller Raymond & Brown Inc.,
Motorola Inc., Military Marketing Div.
Philco Corp., Government & Industrial Divs.
Production Research Corp.
Research & Advanced Development Div., Avco
Mfg. Corp.
Stromberg-Carlson, Electronics Div.
Telectro Industries Corp.
\*\*TellERAD MFG. CORP.\*\*
Varo Mfg. Co.

#### Radar

Advance Industries Inc.
Airtron, Inc.
American Electronic Labs., Inc.
Bendix Radio Div.-Bendix Aviation Corp.
Canoga Corp. of California
Electronics Dept., Hamilton Standard Div.,
United Aircraft Corp.
Emerson Electric Mig. Co., The, Electronics &
Avionics Div.
Parnsworth Electronics Co., Div.-Int'l. Telephone
& Telegraph Corp.
General Communication Co.
General Communication Co.
General Railway Signal Co.
General Railway Signal Co.
Goodyear Aircraft Corp.
Haller Raymond & Brown Inc.
J-V-M Microwave Co.
Lavoie Labs., Inc.
Magnavox Co., The
Motorola Inc., Military Marketing Div.
Pacific Div.-Bendix Aviation Corp.
Philico Corp., Government & Industrial Divs.
Polarad Electronics—Corp.
RS Electronics Corp.
Radio Corporation of America, Defense Electronic Products
Reeves Instrument Corp.
Resdel Engrg., Corp.
Ryan Aeronautical Co.
Sanders Associates, Inc.
Stromberg-Carlson, Electronics Div.
Sylvania Electronic Systems, Div.-Sylvania Electronic Inc.
Stromberg-Carlson, Electronic Systems, Div.-Sylvania Electronic System

#### Radiation

Barnes Engineering Co.
Electronics Dept., Hamilton Standard Div.,
United Aircraft Corp.
Farnsworth Electronics Co. Div.-Int'l. Telephone
& Telegraph Corp.
Haller Raymond & Brown Inc.
RS Electronics Corp.
Stanley Avaition Corp.
Telectro Industries Corp.

#### Radio Communication

Radio Communication

Amelco, Inc.
Collins' Radio Co.
Communications Co.
Electronic Communications, Inc.
General Instrument Corp., Defense Products Div.
Haller Raymond & Frown Inc.
Nems Clarke Co., Div.-Vitro Corp. of America
Lea, Inc.
Lenkurt Electric Co., Inc.
Magnavox Co., The
Marconi Instruments
Motorola Inc., Military Marketing Div.
Munston Mfg. & Service, Inc.
National Electronics Laboratories, Inc.
Production Research Corp.
\*\*RESEARCH & ADVANCED DEVELOPMENT DIV.
AVCO MFG. CORP.
Simmonds Aerocessories, Inc.
Steward-Warner Corp.
Stromberg-Carlson, Electronics Div.
Telectro Industries Corp.
Varo Mfg. Co.
Wilcox Electric Co., Inc.
Wunderlich Radio Co.

#### Radio, Hand Powered Emergency

Amelco, Inc.
Frank R. Cook Co.
General Instrument Corp., Defense Products Div.
Haller Raymond & Brown Inc.
Simmonds Aerocessories, Inc.
Telectro Industries Corp.

#### Radio Navigation

Amelo, Inc.

Amelo, Inc.

AMERICAN MACHINE & FOUNDRY CO.

Bendix Radio Div.-Bendix Aviation Corp.

Collins Radio Co.

Communications Co.

Electronic Communications, Inc.

General Instrument Corp., Defense Products Div.

Haller Raymond & Brown Inc.

Lear, Inc.

Magnavox Co., The

Motorola Inc., Military Marketing Div.

Philico Corp., Government & Industrial Divs.

Ryan Aeronautical Co.

Simmonds Aerocessories, Inc.

Stavid Engrg., Inc.

Stavid Eng

#### Remote Pickup, Fixed

Communications Co.
Frank R. Cook Co.
Haller Raymond & Brown Inc.
Motorola Inc., Military Marketing Div.
Simmonds Aerocessories, Inc.
Telectro Industries Corp.
Varo Mfg. Co.
Winder Aircraft Corp. of Fla.

#### Selective Signalling, Navigation

Advance Industries, Inc.
Bell & Gossett Co.
Bendix Radio Div.-Bendix Aviation Corp.
Collins Radio Co.
General Instrument Corp., Defense Products Div.
Motorola Inc., Military Marketing Div.
Stromberg-Carlson, Electronics Div.
Telectro Industries Corp.
Varo Mfg. Co.

#### Short Wave, Fixed

Amelco, Inc.
Collins Radio Co.
Communications Co.
Frank R. Cook Co.
General Instrument Corp., Defense Products Div.
Haller Raymond & Brown Inc.
Motorola Inc., Military Marketing Div.
Resdel Engrg. Corp.
Stromberg-Carlson, Electronics Div.
Telectro Industries Corp.

#### Short Wave, Portable

Amelco, Inc.
Collins Radio Co.
General Instrument Corp., Defense Products Div.
Haller Raymond & Brown Inc.
Motorola Inc., Military Marketing Div.
Telectro Industries Corp.

#### Single Side Band

Adler Electronics, Inc.
Amelco, Inc., Canoga Corp. of California
Collins Radio Co.
Electronic Communications, Inc.
General Instrument Corp., Defense Products Div.
Haller Raymond & Brown Inc.
Kaiser Aircraft & Electronics Div.-Kaiser Industries Corp.
Motorola Inc., Military Marketing Div.
Philco Corp., Government & Industrial Divs.

\*RESEARCH & ADVANCED DEVELOPMENT DIV.,
AVCO MFG. CORP.
Stewart-Warner Corp.
Stromberg-Carlson, Electronics Div.
Telectro Industries Corp.
\*WESTINGHOUSE ELECTRIC CORP.
Wilcox Electric Co., Inc.
Wunderlich Radio Co.

#### Transistor Operated

Alto Scientific Co., Inc.
Amelco, Inc.,
Amelco, Inc.,
Amelco, Inc.,
Canaga Corp. of California
Collins Radio Co.,
Doty Acoustica Electronic Labs.
Electronic Communications, Inc.
Electronics Dept., Hamilton Standard Div.,
United Aircraft Corp.,
General Instrument Corp., Defense Products Div.
Haller Raymond & Brown Inc.,
Industrial Television Inc.,
Industrial Television Inc.,
International Research Associates
Magnavox Co., The
Maico Electronics, Inc.,
Motorola Inc., Military Marketing Div.,
Philco Corp., Government & Industrial Divs.,
Ressarch & Advanced Development Div., Avco.
Mfg. Corp.
RS Electronics Corp.
Ryan Aeronautical Co.,
Simmonds Aerocessories, Inc.,
Standard Electronics Div., Radio Engrg. Labs.
Inc.,
Stromberg-Carlson, Electronics Div. Standard Electronics Div.
Inc.
Stromberg-Carlson, Electronics Div.
Superex Electronics Corp.
Telectro Industries Corp.
\*WESTINGHOUSE ELECTRIC CORP.

#### Uhf

Jhf
Aircom Inc.
American Electronic Labs., Inc.
Applied Research Inc.
Bergen Labs.
Blonder-Tongue Labs., Inc.
Canoga Corp. of California
Collins Radio Co.
Frank R. Cook Co.
Frank R. Cook Co.
Frank R. Cook So.
Frank R. Cook Co.
Frank R. Cook Co.
Haller Raymond & Brown Inc.
General Instrument Corp., Defense Products Div.
General Railway Signal Co.
Haller Raymond & Brown Inc.
Nems Clarke Co., Div.-Vitro Corp. of America
Lear, Inc.
Magnavox Co., The
Marconi Instruments
Mctorola Inc., Military Marketing Div.
National Electronics Laboratories, Inc.
Philoc Corp., Government & Industrial Divs.
Polarad Electronics Corp.
Simmonds Aerocessories, Inc.
Standard Electronics Div., Radio Engrg. Labs.
Inc.
Stavid Engra. Inc. Inc.
Stavid Engrg., Inc.
Stavid Engrg., Inc.
Stromberg-Cerlson Electronics Div.
Sylvania Electronic Systems, Div.-Sylvania Electric Products Inc.
Telectro Industries Corp.

Aircom Inc.
American Electronic Labs., Inc.
Applied Research Inc.
Canega Corp. of California
Collins Radio Co.
Frank R. Cook Co.
General Instrument Corp., Defense Products Div.
General Railway Signal Co.
Haller Raymond & Brown Inc.
Nems Clarke Co., Div.-Vitro Corp. of America
International Research Associates
Lear. Inc. International Research Associates
Lear, Inc.
Lenkurt Electric Co., Inc.
Marconi Instruments
Motorola Inc., Military Marketing Div.
Philco Corp., Government & Industrial Divs.
Polarad Electronics Corp.
Resdel Engrg. Corp.
Simmonds Aerocessories, Inc.
Stavid Engrg., Inc.
Stromberg-Carlson, Electronics Div.
Sylvania Electronic Systems, Div.-Sylvania Electrotic Products Inc.
Telectro Industries Corp.
Varo Mfg. Co.

#### Wwv

Aircom Inc.
Browning Laboratories, Inc.
Canoga Corp. of California
Haller Raymond & Brown Inc.
Lavoie Labs., Inc.
Specific Products
Telechrome Mfg. Corp.
Telectro Industries Corp.

#### RECEIVING EQUIPMENT, VHF OMNIRANGE

Bendix Radio Div.-Bendix Aviation Corp. Collins Radio Co.

General Instrument Corp., Defense Products Div. Haller Raymond & Brown Inc. Lear, Inc., Motorola Inc., Military Marketing Div. Telectro Industries Corp. Wilcox Electric Co., Inc.

#### RECORDERS, AIRBORNE FILM

CONDITION, AIRBURNE FILM
Consolidated Electrodynamics Corp.
Edgerton, Germeshausen & Grier, Inc.
General Precision Lab. Inc.
Geodyear Aircraft Corp.
Haller Raymond & Brown Inc.
J. A. Maurer, Inc.
Optomechanisms Inc.
Skiatron Electronics & Television Corp.
Specialties, Inc.
Specialties, Inc.
Specialties, Inc.
Specialties, Inc.
Telectronic Mig. Corp.
Telectronic Mig. Corp.
Telectronic Airburner
Vought Co.

#### RECORDERS, AIRBORNE MAGNETIC

American Electronics, Inc., Data-Tronics Div. American Electronics, Inc., Data-Tronics Div. Autonetics, Div., North American Aviation, Inc. Consolidated Electrodynamics Corp. Electromation Co. General Precision Lab, Inc. Gray Mfg. Co., The Haller Raymond & Brown Inc. Kinevox-Hallen Minneapolis-Honeywell Regulator Co., Industrial Div.

Minneapois-Floheywell Rogard Rogard Div.,

\*RESEARCH & ADVANCED DEVELOPMENT DIV.,

AVCO MFG. CORP.

Sklatron Electronics & Television Corp.

Stancil-Hoffman Corp., The

Telectro Industries Corp.

#### RECTIFIERS

RECTIFIERS

Bogue Electric Mfg. Co.
Conant Laboratories
Davenport Mfg. Co.
General Electric Co., Apparatus Sales Div.
General Instrument Corp., Defense Products Div.
General Nuclear Corp.
General Railway Signal Co.
General Railway Signal Co.
Hammett Electric Co.
Hammett Electric Co.
Hammett Electric Co.
Rectico, Inc.
Sel-Rex Corp.
Terminal Radio Corp.
\*UNION SWITCH & SIGNAL, DIV.-WESTINGHOUSE AIR BRAKE CORP.
United States Dynamics Corp.
Winder Aircraft Corp. of Fla.

#### Copper Oxide

Conper Oxide

Conant Laboratories
General Electric Co., Apparatus Sales Div.
General Instrument Corp., Defense Products Div.
General Railway Signal Co.
Hammett Electric Co.
Highland Engrg. Co.
P. R. Mallory & Co., Inc.
Opad Electric Co.
Rectico, Inc.
Schauer Mfg. Corp.
Sel-Rex Corp.
Terminal Radio Corp.
\*\*UNION SWITCH & SIGNAL, DIV-WESTING-HOUSE AIR BRAKE CORP.

#### Electronic Tube

Clark Electronic Laboratories
General Electric Co., Apparatus Sales Div.
General Instrument Corp., Defense Products Div.
General Enctric Co.
Hammett Electric Co.
Highland Engrg. Co.
Opad Electric Co.
Terminal Radio Corp.
Vacuum Tube Products Co. Inc.
Varo Mfg. Co.
\*WESTINGHOUSE ELECTRIC CORP.

#### Germanium

Clark Electronic Laboratories
General Electric Co., Apparatus Sales Div.
General Instrument Corp., Defense Products Div.
General Nuclear Corp.
Hammett Electric Co.
Sel-Rex Corp.
Terminal Radio Corp.

#### Mercury Arc

General Electric Co., Apparatus Sales Div. Hammett Electric Co. Opad Electric Co. Rectico, Inc. Terminal Radio Corp.

#### Metallic Oxide

Clark Electronic Laboratories General Electric Co., Apparatus Sales Div. General Instrument Corp., Defense Products Div. Hammett Electric Co. Opad Electric Co. Rectico, Inc.
Sanford Miller Co.
Schauer Mfg. Corp.
Sel-Rex Corp.
Terminal Radio Corp.

#### Metallic, Power Supplies

Metallic, Power Supplies

Bogue Electric Mfg. Co.
Davenport Mfg. Co.
Fansteel Metallurgical Corp.
General Electric Co., Apparatus Sales Div.
General Instrument Corp., Defense Products Div.
General Nuclear Corp.
General Nuclear Corp.
General Rectifier Co.
Hammett Electric Co.
Motoressearch Co.
Opad Electric Co.
Rectico, Inc.
Sanford Miller Co.
Schauer Mfg. Corp.
Sel-Rex Corp.
Terminal Radio Corp.
Varo Mfg. Co.
Winder Aircraft Corp. of Fla.

#### Metallic Stack

Metallic Stack
Fansteel Metallurgical Corp.
General Electric Co., Apparatus Sales Div.
General Instrument Corp., Defense Products Div.
General Nuclear Corp.
Green Rectifier Co.
Hammert Electric Co.
Opad Electric Co.
Rectico, Inc.
Sarkes Tarzian, Inc.
Schauer Mfg. Corp.
Terminal Radio Corp.

#### Metal Sulphide

Clark Electronic Laboratories Hammett Electric Co. G. H. Leland, Inc. Opad Electric Co. Rectico, Inc. Terminal Radio Corp.

#### Selenium

Selenium

Bogue Electric Mfg. Co.
Clark Electronic Laboratories
Conant Laboratories
Conant Laboratories
Electro-Tech Eqiupment Co.
Fansteel Metallurgical Corp.
General Electric Co., Apparatus Sales Div.
General Instrument Corp., Defense Products Div.
General Nuclear Corp.
Green Rectifier Co.
Hammert Electric Co.
Opad Electric Co.
Rection, Inc.
Sanford Miller Co.
Sarks Tarzian, Inc.
Sel-Rex Corp.
Terminal Radio Corp.
\*WESTINGHOUSE ELECTRIC CORP.

#### Silicon

Silicon

Bogue Electric Mfg. Co.
Electro-Tech Equipment Co.
Fansteel Metallurgical Corp.
General Electric Co., Apparatus Sales Div.
General Instrument Corp., Defense Products Div.
General Nuclear Corp., Defense Products Div.
General Nuclear Corp., Defense Products Div.
General Nuclear Corp., Semiconductor Div.
Hammert Electric Co.
Hoffman Electronics Corp., Semiconductor Div.
Hughes Products, Hughes Aircraft Co., Semiconductor Div.
Motorola Semiconductor Products Div.
Opad Electric Co.
Sanford Miller Co.
Sarkes Tarzian, Inc.
Sel-Rex Corp.
Terminal Radio Corp.
United States Dynamics Corp.
\*\*WESTINGHOUSE ELECTRIC CORP.

#### Titanium

Hammett Electric Co. Opad Electric Co. Sarkes Tarzian, Inc. Terminal Radio Corp.

Clark Electronic Laboratories
General Electric Co., Apparatus Sales Div.
General Instrument Corp., Defense Products Div.
General Corp.,
Hammett Electric Co.
Opad Electric Co.
Penta Labs, Inc.

Sarkes Tarzian, Inc.
Terminal Radio Corp.
Vacuum Tube Products Co. Inc.
Varo Mig. Co.
\*WESTINGHOUSE ELECTRIC CORP.

#### Tube Rectifying Units

Bogue Electric Mfg. Co.
Beneral Electric Co., Apparatus Sales Div.
General Instrument Corp., Defense Products Div.
Green Rectifier Co.,
Hamment Electric Co.
Instruments Div.-Phillips Electronics, Inc.
Opad Electric Co.
Sarkes Tarzion, Inc.
Schauer Mfg. Corp.
Terminal Radio Corp.
Varo Mfg. Co.

#### REGULATORS, BATTERY CHARGING

Bendix Aviation Corp., Red Bank Div. Electric Auto-Lite Co., The Electric Regulator Corp. General Nuclear Corp. Green Rectifier Co. Hamment Electric Co. Hammett Electric Co. \*INTERELECTRONICS CORP. \*\*NIERELEGIKONICS CORP.
Opad Electric Co.
\*\*RHEEM MFG. CO., ELECTRONICS DIV.
Sel-Rex Corp.
Sun Electric Corp.
Telectro Industries Corp.
Terminal Radio Corp.
Wickes Engrg. & Construction Co. Inc.
Winder Aircraft Corp. of Fla.

#### REGULATORS, FREQUENCY

American Electronics, Inc.
American Research & Mfg. Corp.
Bendix Aviation Corp., Red Bank D'v.
Bogue Electric Mfg. Co.
Electric Regulator Corp.
\*GARRETT CORP., THE, AIRESEARCH MFG.
DIVS.

FGARRETT CORP., THE, AIREDEANCH DIVS.
Giuded Missile Div. De Havilland Aircraft of Canada, Ltd.
Hammeth Electric Co.
\*INITERELECTRONICS CORP.
Gerard G. Leeds Co., Inc.
Opad Electric Corp.
Sun Electric Corp.
Telectric Industries Corp.
Terminal Radio Corp.
Varo Mfg. Co.
Wacline, Inc.
Wickes Engrg. & Construction Co. Inc.
Winder Aircraft Corp. of Fla.

#### REGULATORS, GENERATOR

American Electronics, Inc.
Bendix Aviation Corp., Red Bank Div.
Electric Auto-Lite Co., The
Electric Regulator Corp.
\*GARRETT CORP., THE, AIRESEARCH MFG.
DIVS.

GAKKETI CORP., THE, AIRESEARCH MFG. DIVS. General Electric Co., Apparatus Sales Div. Guided Missile Div.-De Havilland Aircraft of Canada, Ltd. Hammett Electric Co. Helipot Corp.

\*INTERELECTRONICS CORP.

Kurz & Root Co. Gerard G. Leeds Co., Inc. Minneapolis-Honeywell Regulator Co., Ordance

Div.
Sun Electric Corp.
Telectro Industries Corp.
Terminal Radio Corp.
Varo Mfg. Co.
Wacline, Inc.

\*WESTINGHOUSE ELECTRIC CORP.
Wickes Engrg. & Construction Co. Inc.

#### RELAYS

RELAYS

Aemco Inc.
Advanced Products Co., The
Airtron, Inc.
Airtron, Inc.
Alto Scientific Co., Inc.
\*\*AMERICAN MACHINE & FOUNDRY CO.
Assembly Products, Inc.
Automatic Electric Sales Corp.
Automatic Switch Co.
C. P. Clare & Co.
Couch Ordnance, Inc.
Electro-Mechanical Specialties Co., Inc.
Elegin National Watch Co.
General Electric Co., Apparatus Sales Div.
General Railway Signal Co.
Guardian Electric Mig. Co.
HARTMAN ELECTRICAL MFG. CO., THE
\*\*A. W. HAYDON CO., THE
\*\*Haydon Div.-General Time Corp.
Iron Fireman Mig. Co., Electronics Div.
Kurman Electric Co., Div.-Norbute Corp.
Leach Corp.
Mara Electronics, Inc.

Nemeth, Inc.
Joseph Pollak Corp.
Standard Electromagnetics, Inc.
Stromberg-Carlson, Electronics Div.
Telectro Industries Corp.
Tensor Electric Development Co., Inc.
Terminal Radio Corp.
Varo Mfg. Co.

#### Audio Operated

Advanced Electronics, Inc.
\*AMERICAN MACHINE & FOUNDRY CO. AMERICAN MACHINE & FOUNDRY CO. Bell & Gossett Co. General Electric Co., Apparatus Sales Div. Kurman Electric Co., Div.-Norbute Corp. Opad Electric Co. Div.-Norbute Corp. Standard Electromagnetics, Inc. Telectro Industries Corp. Tensor Electric Development Co., Inc. Terminal Radio Corp. Varo Mfg. Co.

#### Capacitance

\*AMERICAN MACHINE & FOUNDRY CO. Photobell Co., Inc. Telectro Industries Corp. Terminal Radio Corp.

#### Coaxial

Advance Relays, Electronics Div., Elgin National Watch Co.

\*AMERICAN MACHINE & FOUNDRY CO. Elgin National Watch Co. General Communication Co. Kurman Electric Co., Div.-Norbute Corp. Nemeth, Inc. Joseph Pollak Corp. Price Electric Corp. Relay Sales Inc. Standard Electromagnetics, Inc. Telectro Industries Corp. Terminal Radio Corp. Terminal Radio Corp. Thompson Products, Inc. Transco Products, Inc.

#### Contact

Aemco Inc. Advance Relays, Electronics Div., Elgin National Watch Co.

Watch Co.
Airtron, Inc.
\*AMERICAN MACHINE & FOUNDRY CO.
Cutier-Hammer Inc.
Electro Tec Corp.
Elgin National Watch Co.
Engelhard Industries Inc., D. E. Makepeace Div.
General Railway Signal Co.
Guardian Electric Mig. Co.
Harman Electronics Corp.
Jaidinger Mig. Co., Inc.
Kurman Electronics Corp.
Jaidinger Mig. Co., Inc.
Kurman Electric Co., Div.-Norbute Corp.
Leach Corp.
\*MISSILE COMPONENTS GROUP, ELECTRO-SNAP
SWITCH & MFG. CO.
Nemeth, Inc.
Price Electric Corp.
Relay Sales Inc.
Standard Electromagnetics, Inc.
Stevens-Amold Inc.
Ielectro Industries Corp.
Terminal Radio Corp.
Vap-Air Div., Vapor Heating Corp.

#### Cross-Bar

\*AMERICAN MACHINE & FOUNDRY CO.
Advance Relays, Electronics Div.-Elgin National
Watch Co.
James Cunningham Son & Co., Inc.
Electro-Mechanical Specialties Co., Inc.
Elgin National Watch Co.
Engelhard Industries Inc., D. E. Makepeace Div.
Hillburn Electronic Prods. Co.
\*MISSILE COMPONENTS GROUP, ELECTRO-SNAP
SWITCH & MFG, CO.
North Electric Co.
RBM Div.-Essex Wire Corp.
Standard Electromagnetics, Inc.
Telectro Industries Corp.
Terminal Radio Corp.

#### D Arsonval

\*AMERICAN MACHINE & FOUNDRY CO. AMERICAN MACHINE & FOUNDRY CO.
Assembly Products, Inc.
Thomas A. Edison Ind., Instrument Div.—McGraw-Edison Co.
Kurman Electric Co., Div.-Norbute Corp.
Leach Corp.
Nemeth, Inc.
Simpson Electric Co.
Telectro Industries Corp.
Tensor Electric Development Co., Inc.
Terminal Radio Corp.
Wacline. Inc. \*WESTINGHOUSE ELECTRIC CORP.

#### Differential

Abrams Instrument Corp.
Advance Relays, Electronics Div., Elgin National
Watch Co.
\*AMERICAN MACHINE & FOUNDRY CO.

Automatic Electric Sales Corp. Automatic Switch Co. Thomas A. Edison Ind., Instrument Div.—Mc-Graw-Edison Co. Electro-Mechanical Specialties Co., Inc.

Electro-Mechanical Specialties Co., Inc., Filtors, Inc., General Automatic Corp., General Electric Co., Apparatus Sales Div., \*HARTMAN ELECTRICAL MFG. CO., THE Kurman Electric Co., Div-Norbute Corp. Mars Electronics, Inc., \*MISSILE COMPONENTS GROUP, ELECTRO-SNAP SWITCH & MFG. CO.
Joseph Pollak Corp., Relay Sales Inc., Standard Electromagnetics, Inc., Telectro Industries Corp., Terminal Radio Corp.

Electronic, Resistance Activated

AMERICAN MACHINE & FOUNDRY CO.
Brubaker Electronics, Inc., Sub.—Telecomputing
Corp.
Comar Electric Co.
Cutler-Hammer Inc.
Electro-Mechanical Specialties Co., Inc.
Electro-Radar Products
Kurman Electric Co., Div.-Norbute Corp.
Leach Corp.
M F Electronics Co.
Nametric Co. M F Electronics Co.
Nemeth, Inc.
North Electric Co.
Opad Electric Co.
Peschel Electronics, Inc.
RBM Div.-Essex Wire Corp.
Standard Electromagnetics, Inc.
Telectro Industries Corp.
Terminal Radio Corp.
Victory Engineering Corp.

Frequency Selective
Advance Relays, Electronics Div., Elgin National
Watch Co.

Watch Co.
Airtron, Inc.
\*AMERICAN MACHINE & FOUNDRY CO.
Automatic Switch Co.
James G. Biddle Co.
General Automatic Corp.
General Electric Co., Apparatus Sales Div.
General Railway Signal Co.
\*HARTMAN ELECTRICAL MFG. CO., THE
Jaidinger Mfg. Co., Inc.
Leach Corp.
Stevens-Amold Inc.
Telectro Industries Corp.
Terminal Radio Corp.
Varo Mfg. Co.

Varo Mfg. Co.

\*WESTINGHOUSE ELECTRIC CORP.

#### High Voltage

Aemco Inc.
Airtron, Inc.
Airtron, Inc.
AMERICAN MACHINE & FOUNDRY CO.
Culter-Hammer Inc.
Electro-Mechanical Specialties Co., Inc.
Elgin National Watch Co.
Filtors, Inc.
Jennings Radio Mfg. Corp.
Kurman Electric Co., Div.-Norbute Corp.
Leach Corp.
Mare Electronics, Inc.
Opad Electronics, Inc.
Opad Electronics, Inc.
Joseph Pollak Corp.
Potter & Brumfield Inc.
RBM Div.-Essex Wire Corp.
Relay Sales Inc.
Standard Electromagnetics, Inc.
Telectro Industries Corp.
Tensor Electric Development Co., Inc.
Terminal Radio Corp.
Vap-Air Div., Vapor Heating Corp.
\*WESTINGHOUSE ELECTRIC CORP. Aemco Inc.

Impulse

Impulse

\*AMERICAN MACHINE & FOUNDRY CO.
Automatic Electric Sales Corp.
Comar Electric Co.
Elgin National Watch Co.
Filtors, Inc.
General Electric Co., Apparatus Sales Div.
General Railway Signal Co.
Guardian Electric Mfg. Co.
Hillburn Electroin Prods. Co.
Kurman Electric Co., Div.-Norbute Corp.
Mara Electroincs, Inc.
North Electroincs, Inc.
North Electroincs, Inc.
North Electroincs, Inc.
Standard Electromagnetics, Inc.
Telectro Industries Corp.
Terminal Radio Corp.
\*\*WESTINGHOUSE ELECTRIC CORP.

#### Keying and Break-In

Advance Relays, Electronics Div., Elgin National Watch Co. Airtron, Inc. \*AMERICAN MACHINE & FOUNDRY CO.

Automatic Electric Sales Corp.
C. P. Clare & Co.
Comar Electric Co.
Elgin National Watch Co.
Hillburn Electronic Prods. Co.
E. F. Johnson Co.
Kurman Electric Co., Div.-Norbute Corp.
Mara Electronics, Inc.
Nemeth, Inc.
North Electric Co.
Potter & Brumfield Inc.
Relay Sales Inc.
Signa Instruments, Inc.
Simpson Electric Co.
Standard Electromagnetics, Inc.
Telectro Industries Corp.
Terminal Radio Corp.

#### Time Delay

Time Delay

Abrams Instrument Corp.,
Advanced Products Co., The
Atto Scientific Co., Inc.

\*\*AMERICAN MACHINE & FOUNDRY CO.\*

Amglo Corp.

Automatic Electric Sales Corp.

Automatic Electric Sales Corp.

Automatic Switch Co.

Baso Inc.

Blonder-Tongue Labs., Inc.

C. P. Clare & Co.

Jense Cunningham Son & Co., Inc.

Cutler-Hammer Inc.

Joe Davidson & Associates

Dunlap Electronics, Inc.

Thomas A. Edison Ind., Instrument Div.—Mc
Graw-Edison Co.

Electro-Mechanical Specialties Co., Inc.

Electronic Techniques Inc.

Electronic Techniques Inc.

Electronic Techniques Inc.

Electron-Tech Equipment Co.

Eligin National Wartch Co.

G-V Controls Inc.

General Automatic Corp.

General Automatic Corp.

General Railway Signal Co.

Globe Industries, Inc.

\*\*A. W. HAYDON CO., THE

Haydon Div.-General Time Corp.

Hillburn Electronic Prods. Co.

Iron Fireman Mfg. Co., Electronics Div.

Jordan Electronics, Div.-Victoreen Instrument Co.

Kurnan Electronics, Div.-Victoreen Instrument Co.

Kurnan Electronics, Inc.

Magnecraft Electric Co.

Magnecraft Electric Co.

Magnecraft Electric Co.

Fire Electronics, Inc.

North Electronics, Inc.

North Electronics, Inc.

Raymond Engrg. Laboratory, Inc.

Relay Sales Inc.

Simpson Electric Co.

Technical Oil Tool Corp.

Telectro Industries Corp.

Tempon Instrument Inc.

Terminal Radio Corp.

Thempson Products, Inc.

\*Westing House Electric Corp.

General Radio Corp.

Thempson Products, Inc.

\*Westing House Electric Corp.

General Radio Corp.

Thempson Products, Inc.

\*Westing House Electronic Corp.

Thempson Products Co.

\*Westing House Products Co.

\*Westing House Products Co.

\*Westing Hous

#### Timing

Timing

Abrams Instrument Corp.
Advance Relays, Electronics Div., Elgin National Watch Co.
Advanced Products Co., The
\*\*AMERICAN MACHINE & FOUNDRY CO.
Amglo Corp.
Cutler-Hammer Inc.
M. Ducommun Co.
Electronic Techniques, Inc.
Electro-Tech Equipment Co.
Elgin National Watch Co.
Exact Engrg. & Mfg. Inc.
General Electric Co., Apparatus Sales Div.
General Railway Signal Co.
\*\*A. W. HAYDON CO., THE
Haydon Div.-General Time Corp.
Jordan Electronics, Div.-Victoreen Instrument Co.
Kurman Electronic Corp.
Leach Corp.
Livingston Electronic Corp.
Nemeth, Inc.
Price Electric Corp.
Relay Sales Inc.
Technical Oil Tool Corp.
Telectro Industries Corp.
Tempo Instrument Inc.
Terminal Radio Corp.
Vemaline Products Co.
\*WESTINGHOUSE ELECTRIC CORP.
G. C. Wilson & Co.

Under Frequency

\*AMERICAN MACHINE & FOUNDRY CO. Cutler-Hammer Inc. Electro-Mechanical Specialties Co., Inc. Elgin National Watch Co. General Electric Co., Apparatus Sales Div.

\*HARTMAN ELECTRICAL MFG. CO., THE
Jordan Electronics, Div.-Victoreen Instrument Co.
Leach Corp.
Livingston Electronic Corp.
Livingston Electronic Corp.
Opad Electric Co.
Telectro Industries Corp.
Terminal Radio Corp.
Varo Mfg. Co.
VWESTINGHOUSE ELECTRIC CORP.

Vacuum Contact

\*AMERICAN MACHINE & FOUNDRY CO.
C. P. Clare & Co.
Gordos Corp.
Jennings Radio Mfg. Corp.
Livingston Electronic Corp.
Penta Labs., Inc.
Philadelphia Scientific Glass Co.
Relay Sales Inc.
Telectro Industries Corp.
Terminal Radio Corp.

Vibrating Reed Type \*AMERICAN MACHINE & FOUNDRY CO. American Television & Radio Co. Amglo Corp.
Automatic Electric Sales Corp.
Bell & Gossett Co.
James G. Biddle Co.
Cutler-Hammer Inc.
Gordos Corp.
Iron Fireman Mfg. Co., Electronics Div.
Jaidinger Mfg. Co., Inc.
Livingston Electronic Corp.
North Electric Co.
Stevens-Arnold Inc.
Telectro Industries Corp.
Telkor, Inc.
Terminal Radio Corp.
\*WESTINGHOUSE ELECTRIC CORP. \*AMERICAN MACHINE & FOUNDRY CO. American Television & Radio Co.

Latching

Latching

Aemco Inc.
Advance Relays, Electronics Div., Elgin National Watch Co.
Allard Instrument Corp.
\*\*AMERICAN MACHINE & FOUNDRY CO.
Automatic Electric Sales Corp.
Automatic Switch Co.
C. P. Clare & Co.
C. P. Clare & Co.
C. P. Clare & Co.
C. Utler-Hammer Inc.
Electro-Tech Equipment Co.
Elgin National Watch Co.
Filtors, Inc.
General Automatic Corp.
Guardian Electric Mig. Co.
\*\*HARTMAN ELECTRICAL MFG. CO., THE
Hillburn Electronic Prods. Co.
Jaidinger Mig. Co., Inc.
Jannings Radio Mig. Corp.
Leach Corp.
Leach Corp.
Livingston Electronic Corp.
Magnecraft Electric Co.
Mars Electronics, Inc.
\*\*MISSILE COMPONENTS GROUP, ELECTRO-SNAP
SWITCH & MFG. CO.
North Electric Co.
Potter & Brumfield Inc.
Price Electric Corp.
Relay Sales Inc.
Sigma Instruments, Inc.
Sigma Instruments, Inc.
Sigma Instruments Inc.
Sigma Electric Co.
Standard Electromagnetics, Inc.
Telectro Industries Corp.

Mercury

\*AMERICAN MACHINE & FOUNDRY CO. Automatic Electric Sales Corp. C. P. Clare & Co. Electron-Radar Products Electro-Tech Equipment Co. Gordos Corp. Livingston Electronic Corp. Mercury Contacts, Inc. Philadelphia Scientific Glass Co. Relay Sales Inc. Telectro Industries Corp. Terminal Radio Corp. \*WESTINGHOUSE ELECTRIC CORP.

#### Meter

\*AMERICAN MACHINE & FOUNDRY CO.
Beede Electrical Instrument Co. Inc.
Thomas A. Edison Ind., Instrument Div.—McGraw-Edison Co.
Electro-Tech Equipment Co.
Livingston Electronic Corp.
Telectro Industries Corp.
Terminal Radio Corp.
Wacline, Inc.

#### Microwave

Airtron, Inc.
\*AMERICAN MACHINE & FOUNDRY CO.
Demornay-Bonardi
Electron-Radar Products
Engelhard Industries Inc., D. E. Makepeace Div.
Geisler Labs.

J-V-M Microwave Co.
Livingston Electronic Corp.
Microwave Development Labs., Inc.
Prodelin Ind.
Telectro Industries Corp.
Terminal Radio Corp.
Thompson Products, Inc.
Uniwave, Inc.
Wave Particle Corp.

Overfrequency

Overfrequency

Advance Relays, Electronics Div., Elgin National Watch Co.

\*AMERICAN MACHINE & FOUNDRY CO.
Bendix Aviation Corp., Red Bank Div.
Electro-Mechanical Specialties Co., Inc.
Elgin National Watch Co.
G-V Controls Inc.
General Electric Co., Apparatus Sales Div.

\*HARTMAN ELECTRICAL MFG. CO., THE
Jordan Electric Co., Div.-Victoreen Instrument Co.
Kurman Electric Co., Div.-Norbute Corp.
Leach Corp.
Livingston Electronic Corp.
Opad Electric Co.
Terminal Radio Corp.
Varo Mfg. Co.

Overload

Overload

Advance Relays, Electronics Div., Elgin National Watch Co.

\*\*AMERICAN MACHINE & FOUNDRY CO.
Bendix Aviation Corp., Red Bank Div.
Cutler-Hammer Inc.
Electro-Mechanical Specialties Co., Inc.
Elgin National Watch Co.
G-V Controls Inc.
General Automatic Corp.
General Electric Co., Apparatus Sales Div.
General Railway Signal Co.
\*\*HARTMAN ELECTRICAL MFG. CO., THE
Hillburn Electronic Prods. Co.
Jaidinger Mfg. Co., Inc.
Jennings Radio Mfg. Corp.
Kurman Electric Co., Div.-Norbute Corp.
Leach Corp.
Livingston Electronic Corp.
Magnecraft Electric Co.
Metals & Controls Corp.
North Electric Co.
Opad Electric Corp.
RBM Div.-Essex Wire Corp.
Relay Sales Inc.
Tempo Instrument Inc.
Terminal Radio Corp.

Overvoltage & Undervoltage

Overvoltage & Undervoltage

Advance Relays, Electronics Div., Elgin National Watch Co.

\*AMERICAN MACHINE & FOUNDRY CO.

Automate Switch Co.

Bendix Aviation Corp., Red Bank Div.

Cutler-Hammer Inc.

Dunlap Electronics, Inc.

Thomas A, Edison Ind., Instrument Div.—Mc
Graw-Edison Co.

Elgin National Watch Co.

Elgin National Watch Co.

Fiftors, Inc.

G-V Controls Inc.

General Automatic Corp.

General Railway Signal Co.

\*HARTMAN ELECTRICAL MFG. Co., THE

Jordan Electric Co., Div.-Norbute Corp.

Lumen, Inc.

Magnecraft Electric Co.

North Electric Co.

Opad Electric Co.

Opad Electric Co.

Opad Electric Co.

Joseph Pollak Corp.

Price Electric Corp.

Tempo Instrument Inc.

Terminal Radio Corp.

Prace Electric Corp.

Price Electric Corp.

#### Photoelectric

AMERICAN MACHINE & FOUNDRY CO.
Autotron, Inc.
C. P. Clare & Co.
Thomas A. Edison Ind., Instrument Div.—Mc-Graw-Edison Co.
Electron-Radar Products
Electro-Tech Equipment Co.
General Electric Co., Apparatus Sales Div.
Hi-Spec Electronics Corp.
Kurman Electric Co., Div.-Norbute Corp.
Livingston Electronic Corp.
Nemeth, Inc.
Opad Electric Co.
Optomechanisms Inc.
Photobell Co., Inc.
Robot Appliances Inc.
Sigma Instruments, Inc.
Standard Electromagnetics, Inc.
Terminal Radio Corp. \*AMERICAN MACHINE & FOUNDRY CO.

#### Plate Circuit

Aemco Inc.
Advance Relays, Electronics Div., Elg'n National
Watch Co.
Airtron, Inc.
\*AMERICAN MACHINE & FOUNDRY CO.
Automatic Electric Sales Corp.
Brubaker Elctronics, Inc., Sub.—Telecomputing Automatic Electronics, Inc.,
Brubaker Electronics, Inc.,
Corp.,
C. P. Clare & Co.
Comar Electric Co.
Couch Ordnance, Inc.,
Thomas A. Edison Ind., Instrument Div.—McFlectro-Mechanical Specialties Co., Inc.
Electro-Tech Equipment Co.
Eligin National Watch Co.
Filipros, Inc.
General Automatic Corp.
Guardian Electric Mfg. Co.
Hilburn Electronics Frods. Co.
Hilburn Electronics Corp.
Iron Fireman Mfg. Co., Electronics Div.
Jaidinger Mfg. Co., Inc.
Jannings Radio Mfg. Corp.
Kurman Electric Co., Div.-Norbute Corp.
Livingston Electronic Corp.
Magnecraft Electric Co.
Mara Electronics, Inc.
E. V. Naybor Labs., Inc.
Nemeth, Inc.
Patter & Brumfield Inc.

E. V. Naybor Labs., Inc.
Nemeth, Inc.
Potter & Brumfield Inc.
Price Electric Corp.
Relay Sales Inc.
Sohl Co., The
Standard Electromagnetics, Inc.
Terado Co.
Terminal Radio Corp.
UNION SWITCH & SIGNAL,
HOUSE AIR BRAKE CORP.

#### Polarized

\*AMERICAN MACHINE & FOUNDRY CO.
Automatic Electric Sales Corp.
Barber-Colman Co.
Bendix Aviation Corp., Red Bank Div.
C. P. Clare & Co.
Thomas A. Edison Ind., Instrument D'v.—McGraw-Edison Co.
Elgin National Watch Co.
General Railway Signal Co.
\*\*HARTMAN ELECTRICAL MFG. CO., THE
Kurman Electric Co., Div.-Norbute Corp.
Leach Corp.
Livingston Electronic Corp.
Magnetic Devices, Inc.
Mara Electronics, Inc.
\*\*MISSILE COMPONENTS GROUP. ELECTRO-\*\*

Maria Electronics, Inc.
\*MISSILE COMPONENTS GROUP, ELECTROSNAP SWITCH & MFG. CO.
E. V. Naybor Labs., Inc.
Nemeth, Inc.
North Electric Co.
Potter & Brumfield Inc.
Relay Sales Inc.
Sigma Instruments, Inc.
Stevens-Arnold Inc.
Terminal Radio Corp.

#### Power

Aemco Inc.
Advance Relays, Electronics Div., Elgin National
Watch Co.
\*AMERICAN MACHINE & FOUNDRY CO.
\*MESTINGHOUSE ELECTRIC CORP.
Automatic Switch Co.
Bendix Aviation Corp., Red Bank Div.
Culter-Hammer inc.
Electro-Mechanical Specialties Co., Inc.
Electro-Electro-Egyipment Co.
Elgin National Watch Co.
Filtors. Inc. Elgin National Waren Co.
Filtors, Inc.
General Electric Co., Apparatus Sales Div.
General Railway Signal Co.
Guardian Electric Mfg. Co.
\*HARIMAN ELECTRICAL MFG. CO., THE

HARÍMAN ELECTRICAL MFG. CO., THE
Hillburn Electronic Prods. Co.
Hi-Spec Electronics Corp.
Jennings Radio Mfg. Corp.
Kurman Electric Co., Div.-Norbute Corp.
Leach Corp.
Livingston Electronic Corp.
Magnecraft Electric Co.
Mara Electronics, Inc.
MISSILF COMPONENTS GROUP ELECTRO

Mara Electronics, Inc.
\*MISSILE COMPONENTS GROUP, ELECTROSNAP SWITCH & MFG. CO.
Philadelphia Scientific Glass Co.
Joseph Pollak Corp.
Potter & Brumfield Inc.
Price Electric Corp.
RBM Div.-Essex Wire Corp.
Relay Sales Inc.
Standard Electromagnetics, Inc.
Terminal Radio Corp.
Vap-Air Div., Vapor Heating Corc.
\*WESTINGHOUSE ELECTRIC CORP.

#### Reverse Current

Reverse Current

\*AMERICAN MACHINE & FOUNDRY CO.
Automatic Electric Sales Corp.
Automatic Switch Co.
Bendix Aviation Corp., Red Bank Div.
Cutler-Hammer Inc.
Thomas A. Edison Ind., Instrument Div.—McGraw-Edison Co.
Elgin National Watch Co.
General Electric Co., Apparatus Sales Div.
General Railway Signal Co.
Guardian Electric Mfg. Co.
\*HARTMAN ELECTRICAL MFG. CO., THE
Leach Corp.
Livingston Electronic Corp.
Mara Electronics, Inc.
Master Specialties Co.
Terminal Radio Corp.

Advance Relays, Electronics Div., Elgin National Watch Co.
\*AMERICAN MACHINE & FOUNDRY CO. AMERICAN MACHINE & FOUNDRY CO.
Geisler Labs.
Gordos Corp.
Hillburn Electronic Prods. Co.
J.-V.M Microwave Co.
Jennings Radio Mfg. Corp.
E. F. Johnson Co.
Kurman Electric Co., Div.-Norbute Corp.
Livingston Electronic Corp.
Mara Electronic, Inc.
E. V. Naybor Labs., Inc.
Nemeth, Inc.
Price Electric Corp.
Relay Sales Inc.
Telectro Industries Corp.
Terminal Radio Corp.
Wave Particle Corp.

#### Rotary

Advance Relays, Electronics Div., Elgin National Watch Co.

Watch Co.
Airtron. Inc.
\*AMERICAN MACHINE & FOUNDRY CO.
Brubaker Electronics, Inc., Sub.—Telecomputing
Corp.
Couch Ordnance, Inc.
Thomas A. Edison Ind., Instrument Div.—McGraw-Edison Co.
Electro-Mechanical Specialties Co., Inc.
Elgin National Watch Co.
Engelhard Industries Inc., D. E. Makepeace Div.
Exact Engrg. & Mfg. Inc.
Filtors. Inc. Engefhard Industries Mig. Inc.
Filtors, Inc.
Globe Industries, Inc.
Globe Industries, Inc.
Guardian Electric Mfg. Co.
Hi-G, Inc.
Jaidinger Mfg. Co., Inc.
G. H. Leland, Inc.
Livingston Electronic Corp.
Magnetraft Electric Co.
Magnetic Devices, Inc.
Mars Electronics, Inc.
\*MISSILE COMPONENTS GROUP, ELECTROSNAP SWITCH & MFG. CO.
E. V. Naybor Labs., Inc.
Nameth, Inc.
North Electric Co.
Price Electric Corp.
Relay Sales Inc.
Terminal Radio Corp.
\*UNION SWITCH & SIGNAL, DIV.-WESTINGHOUSE AIR BRAKE CORP.

#### Sensitive

Aemco Inc.
Advance Relays, Electronics Div., Elgin National
Watch Co.
Aerolite Electronics Corp. Watch Co.
Aerolite Electronics Corp.
\*AMERICAN MACHINE & FOUNDRY CO.
Assembly Products, Inc.
Automatic Electric Sales Corp.
Automatic Switch Co.
Baso Inc.
Comar Electric Co.
Couch Ordnance, Inc.
Cutler-Hammer Inc.
Intomas A. Edison Ind., Instrument Div.-McGraw-Edison Co.
Electro-Tech Equipment Co.
Jaidinger Mig. Co., Electronics Div.
Jaidinger Mig. Co., Inc.
Kurman Electric Co., Div.-Norbute Corp.
Leach Corp.
Livingston Electronic Corp.

Kurman Electric Co., Div.-Leach Corp. Livingston Electronic Corp. Lumen, Inc., Magnecraft Electric Co. Magnetic Devices, Inc. Mara Electronics, Inc. Nemeth, Inc.

North Electric Co.
Phaostron Instrument & Electronic Co.
Philadelphia Scientific Glass Co.
Joseph Pollak Corp.
Potter & Brumfield Inc.
Price Electric Corp.
RBM Div.-Essex Wire Corp.
Relay Sales Inc.
\*SCHWEBER ELECTRONICS
Science Instruments Inc. \*SCHWEBER ELECTRONICS
Sigma Instruments, Inc.
Standard Electromagnetics, Inc.
Tempo Instrument Inc.
Terado Co.
Terminal Radio Corp.
\*UNION SWITCH & SIGNAL, DIV.-WESTINGHOUSE AIR BRAKE CORP.
Victory Engineering Corp.

#### Sequence

Sequence
Airtron, Inc.
\*AMERICAN MACHINE & FOUNDRY CO.
Auotmatic Electric Sales Corp.
Cutler-Hammer Inc.
Electro-Tech Equipment Co.
Elgin National Watch Co.
General Electric Co., Apparatus Sales Div.
Geuardian Electric Mfg. Co.
Hamilton Watch Co., Military Products Div.
\*A. W. HAYDON CO., THE
Leach Corp.
Livingston Electronic Corp.
Mars Electronics, Inc.
Master Specialties Co.
\*MISSILE COMPONENTS GROUP, ELECTROSNAP SWITCH & MFG. CO.
Nemeth, Inc.
North Electric Co.
Relay Sales Inc.
Terminal Radio Corp.

#### Stepping

Stepping
Advance Relays, Electronics Div., Elgin National Watch Co.
\*\*AMERICAN MACHINE & FOUNDRY CO.
Automatic Electric Sales Corp.
Bergen Labs.
C. P. Clare & Co.
Cutler-Hammer Inc.
Elgin National Watch Co.
General Railway Signal Co.
General Railway Signal Co.
Guardian Electric Mig. Co.
Hamilton Watch Co., Military Products Div.
\*\*A. W. HAYDEN CO. THE
Leach Corp.
G. H. Leland, Inc.
Livingston Electronic Corp.
Mara Electronics, Inc.
\*\*MISSILE COMPONENTS GROUP, ELECTRO-SNAP
SWITCH & MFG. CO.
North Electric Corp.
North Electric Corp.
Relay Sales Inc.
Standard Electromagnetics, Inc.
Telectro Industries Corp.
Tensor Electric Development Co., Inc.
Terminal Radio Corp.

#### Subminiature

Aemco Inc. Ace Electronics Associates, Inc. Advance Relays, Electronics Div., Elgin National Watch Co.

Airtron, Inc.

\*AMERICAN MACHINE & FOUNDRY CO.

Baso Inc.

Brubaker Electronics, Inc., Sub.—Telecomputing
Corp.
C. P. Clare & Co.
Comar Electric Co.
Couch Ordnance, Inc.
Electro Tec Corp.
Elgin National Watch Co.
Engelhard Industries Inc., D. E. Makepeace Div.
Filtors, Inc.
General Railway Signal Co.
Guardian Electric Mfg. Co.
Hi-G, Inc.
Iron Fireman Mfg. Co., Electronics Div.
Jaidinger Mfg. Co., Inc.
Kurman Electric Co., Div.-Norbute Corp.
Leach Corp.
Livingston Electronic Corp.
Magnecraft Electric Co.
Mara Electronics, Inc.

\*MISSILE COMPONENTS GROUP, ELECTRO-SNAP
SWITCH & MFG. CO.
E. V. Naybor Labs., Inc.
North Electric Co.
Phaostron Instrument & Electronic Co.
Pabator & Brumfield Inc.

\*\*Electronics Co.
Pabator & Brumfield Inc.

\*\*Electronic \*AMERICAN MACHINE & FOUNDRY CO.

North Electric Co.
Phaostron Instrument & Electronic Co.
Potter & Brumfield Inc.
Price Electric Corp.
Relay Sales Inc.
\*SCHWEBER ELECTRONICS
Simpson Electric Co.
Standard Electromagnetics, Inc.
Telectro Industries Corp.
Tempo Instrument Inc.
Terado Co.

Terminal Radio Corp.
\*UNION SWITCH & SIGNAL, DIY.-WESTING-HOUSE AIR BRAKE CORP.
Victory Engineering Corp.

Synchronizing, Transfer \*HARTMAN ELECTRICAL MFG. CO., THE

#### Telephone

Telephone

American Brass Co., The

\*AMERICAN MACHINE & FOUNDRY CO.
Automatic Electric Sales Corp.
C. P. Clare & Co.
Comar Electric Co.
Electro-Hechanical Specialties Co., Inc.
Electro-Tech Equipment Co.
Elgin National Watch Co.
G-V Controls Inc.
General Automatic Corp.
Guardian Electric Mfg. Co.
Hillburn Electronic Prods. Co.
Kurman Electric Co., Div.-Norbute Corp.
Leach Corp.
Livingston Electronic Corp.
Magnecraft Electronic Corp.
Magnecraft Electronic Co.
North Electric Co.
North Electronic Co.
Joseph Pollak Corp.
Potter & Brumfield Inc.
Price Electric Corp.
RBM Div.-Essex Wire Corp.
Relay Sales Inc.
Standard Electromagnetics, Inc.
Ierminal Radio Corp.

Temperature Compensated \*AMERICAN MACHINE & FOUNDRY CO.

\*AMERICAN MACHINE & FOUNDRY CO.
Assembly Products, Inc.
Automatic Electric Sales Corp.
Baso Inc.
Thomas A. Edison Ind., Instrument Div.-McGraw-Edison Co.
Elgin National Watch Co.
G-V Controls Inc.
General Electric Co., Apparatus Sales Div.
General Railway Signal Co.
\*HARTMAN ELECTRICAL MFG. CO., THE
E. Vernon Hill & Co.
Leach Corp.
Livingston Electric Corp.
Joseph Pollak Corp.
Sigma Instruments, Inc.
Terminal Radio Corp.

#### Thermal

Thermal

Advance Relays, Electronics Div., Elgin National Watch Co.

\*AMERICAN MACHINE & FOUNDRY CO.
Blonder-Tongue Labs., Inc.
Cutler-Hammer Inc.
Thomas A. Edison Ind., Instrument Div.-Mc-Graw-Edison Co.
Electron-Radar Products
Elgin National Watch Co.
G-V Controls Inc.
General Automatic Corp.
General Electric Co., Apparatus Sales Div.
General Railway Signal Co.
Leach Corp.
Livingston Electronic Corp.
Relay Sales Inc.
Telectro Industries Corp.
Terminal Radio Corp.
Terminal Radio Corp.
Terminal Radio Corp.
Vap-Air Div., Vapor Heating Corp.
Victory Engineering Corp.

Thermostatic Delay

\*AMERICAN MACHINE & FOUNDRY CO.
Thomas A. Edison Ind., Instrument Div.-Mc-Graw-Edison Co.
Electron-Radar Products
Iron Fireman Mfg. Co., Electronics Div.
George Ulanet Co.
Relay Sales Inc.
Telectro Industries Corp.
Vap-Air Div., Vapor Heating Corp.

#### REMOTE PICKUP, AUDIO

Magnasvnc Mfg. Co., Ltd. Motorola Inc., Military Marketing Div. Telectro Industries Corp. Varo Mfg. Co. Western Electro-Acoustic Lab.

#### REPEATERS. MICROWAVE

Geisler Labs.
Kaiser Aircraft & Electronics Div.-Kaiser Industries Corp.
Motorola Inc., Military Marketing Div.
Philico Corp., Government & Industrial Divs.
Telectro Industries Corp.
\*\*TELERAD MFG. CORP.
Wave Particle Corp.

#### REPEATERS, PASSIVE, MICROWAVE Film

Ainslie Corp. Ainslie Corp.
Demornay-Bonardi
Gabriel Co., The Gabriel Electronics Div.
Geisler Labs.
Motorola Inc., Military Marketing Div.
Philco Corp., Government & Industrial Divs.
Prodelin Inc.
Telectro Industries Corp.
Uniwave, Inc.
Wave Particle Corp.

# RESISTANCE THERMOMETER

Cardinal Instrumentation Corp.
Thomas A, Edison Ind., Instrument Div.—Mc-Graw-Edison Co.
Minco Products, Inc.
United Control Corp.

#### RESISTORS

Alliad Plastic Supply Corp.
Alliad Plastic Co.
Chicago Telephone Supply Corp.
Clarostat Mfg. Co., Inc.
F. W. Corbett Science Labs.
Dale Products, Inc.
Dayer Engrg. Co., Inc.
General Railway Signal Co.
Globar Plant, Refractories Div.-The Carborundum Co.
Gray Instrument Co.
Leeds & Northrup Co.
Mepco Inc.
Ohio Carbon Co., The
Phaostron Instrument & Electronic Co.
Precision Resistor Co., Inc.
Terminal Radio Corp.

#### Boroncarbon

Aerovox Corp. Key Resistor Corp. Mepco Inc. Terminal Radio Corp.

#### Carbon Film

Aerovox Corp.
Cal-Ohm Labs., Inc.
Clarostat Mfg. Co., Inc..
Computer Instruments Corp.
Continental Carbon, Div.-Wirt Co.
Dale Products, Inc..
Electra Mfg. Co.
Eric Resistor Corp.
Key Resistor Corp.
Key Resistor Corp.
Phaostron Instrument & Electronic Co.
Pyrofilm Resistor Co., Inc.
Terminal Radio Corp.

#### Decade

Aerovox Corp.
Dale Products, Inc.
Dmeter Mfg. Co., Inc.
Electro-Measurements, Inc.
Fidelity Amplifier Co.
Industrial Instruments Inc.
Key Resistor Corp.
Mepco Inc.
Pacific Resistor Co.
Precision Resistor Co. Inc.
Terminal Radio Corp.

#### Deposited Carbon

Aerovox Corp.
Clarostat Mig. Co., Inc.
Continental Carbon, Div.-Wirt Co.
Dale Products, Inc.
Electra Mig. Co.
Electra Mig. Co.
Electra Stistor Corp.
Key Resistor Corp.
P. R. Mallory & Co. Inc.
Mepco Inc.
Morganite, Inc.
Phaostron Instrument & Electronic Co.
Pyrofilm Resistor Co., Inc.
Terminal Radio Corp.

#### Encapsulated

Encapsulated

Axel Electronics
Cal-Ohm Labs, Inc.
Clarostat Mig. Co., Inc.
Continental Carbon, Div-Wirt Co.
F. W. Corbett Science Labs.
Dale. Products, Inc.
Dwyer Engrg. Co., Inc.
Electra Mig. Co.
Gordos Corp.
Key Resistor Corp.
Mepco Inc.
Pacific Resistor Co., Precision, Inc.
Pyrofilm Resistor Co., Inc.
Pyrofilm Resistor Co., Inc.
Pyrofilm Resistor Co., Inc.
Pyrofilm Resistor Cop.
Transformers, Inc.

Aerovox Corp.
Allied Plastics Supply Corp.
Cal-Ohm Labs., Inc.
Clarostat Mfg. Co., Inc.,
Continental Carbon, Div.-Wirt Co.
Corning Glass Works
Dale Products, Inc.
Electra Mfg. Co.
Eric Resistor Corp.
Filmohm Corp.
Key Resistor Corp.
Mepco Inc.
Metavac, Inc.
Terminal Radio Corp.

#### Fixed Wire-Wound

ixed Wire-Wound

Axel Electronics
Bradford Components, Inc.
Cal-Ohm Labs., Inc.
Chicago Telephone Supply Corp.
Clarostat Mfg. Co., Inc.
Continental Carbon, Div.-Wirt Co.
F. W. Corbett Science Labs.
Dale Products, Inc.
Dmeter Mfg. Co., Inc.
Electro-Elex Heat, Inc.
Electro-Mesurements Inc.
Electro-Mesurements Inc.
Electro-Mesurements Inc.
Electro-Mesurements Inc.
Ceneral Electric Co., Apparatus Sales Div.
General Railway Signal Co.
Gray Instrument Co.
P. R. Mallory & Co. Inc.
Mepco Inc.
Mepco Inc.
Mel Lingas Systams Inc. Gray Instrument Co.
P. R. Mallory & Co. Inc.
Mepco Inc.
Non-Linear Systems Inc.
Ohio Carbon Co., The
Pacific Resistor Co.
Precision, Inc.
Precision, Inc.
Precision Co. Inc.
Sage Electronics Corp.
Tell-Labs., Inc.
Tepro Electric Co.
Terminal Radio Corp.
Transformers, Inc.
\*WESTINGHOUSE ELECTRIC CORP.

#### Fuse

Bradford Components, Inc. Clarostat Mfg. Co., Inc. Mepco Inc. Ohio Carbon Co., The Terminal Radio Corp.

#### Glass

Corning Glass Works Filmohn Corp. Key Resistor Corp. Mepco Inc. Metavac, Inc. Morganite, Inc. Pyroillm Resistor Co., Inc. Terminal Radio Corp.

#### High Frequency

Allied Plastics Supply Corp.
Corning Glass Works
Dale Products, Inc.
Electra Mfg. Co.
Electro Impulse Lab., Inc.
Electromath Corp. Filmohm Corp. Globar Plant, Refractories Div.-The Carborundum Co.
Hansen Electronics Co.
Key Resistor Corp.
Mepco Inc.
Ohio Carbon Co., The
Terminal Radio Corp.

#### High Temperature

Abrams Instrument Corp.
Abrams Instrument Corp.
Allied Plastics Supply Corp.
Carbone Corp., The
Corning Glass Works
Dale Products, Inc.
Dwyer Engrg. Co., Inc.
Electra Mfg. Co.,
Electramth Corp.
Globar Plant, Refractories Div.-The Carborundum
Co.
Humphrey, Inc.
Key Resistor Corp.
Mepco Inc.
Metavac, Inc. Mejavac, Inc.
Pacific Resistor Co.
Pyrofilm Resistor Co., Inc.
Sage Electronics Corp.
Tepro Electric Co.
Terminal Radio Corp.

#### High Voltage

Allied Plastics Supply Corp. Dale Products, Inc. Electromath Corp. Erie Resistor Corp. Mepco Inc.

Morganite, Inc. Ohio Carbon Co., The Precision Resistor Co. Inc. Pyrofilm Resistor Co., Inc. Terminal Radio Corp. \*WESTINGHOUSE ELECTRIC CORP.

#### Miniature Variable

Chicago Telephone Supply Corp.
Clark Electronic Laboratories
Clarostat Mfg. Co., Inc.
Continental Carbon, Div.-Wirt Co.
Dale Products, Inc.
Electromath Corp.
Electro-Mech Lab. Inc.
General Controls Co.
P. R. Mallory & Co. Inc.
Precision Line Inc.
Spectrol Electronics Div., Carrier Corp.
Terminal Radio Corp.

#### Photo Sensitive

Eastman Kodak Co. Terminal Radio Corp.

#### Plug-In-Tube

Cal-Ohm Labs., Inc. Key Resistor Corp. Mepco Inc. Terminal Radio Corp.

#### Precision

Precision

Aerovox Corp.
Atlas Resistor Co.
Axel Electronics
Bradford Components, Inc.
Carbone Corp., The
Chicago Telephone Supply Corp.
Clarostat Mfg. Co., Inc.
Continental Carbon, Div.-Wirt Co.
F. W. Corpett Science Labs.
Corning Glass Works
Dale Products, Inc.
Dmeter Mfg. Co., Inc.
Dwyer Engrg. Co., Inc.
Electro-Measurements
Electro-Measurements Inc.
Filmohm Corp.
Gray Instrument Co.
Humphrey, Inc. Gray Instrument Co.
Humphrey, Inc.
Leeds & Northrup Co.
Mepco Inc.
Melavac, Inc.
Miller Electro-Research Labs.
Non-Linear Systems Inc.
Pacific Resistor Co.
Precision, Inc.
Sage Electronics Corp.
Spectrol Electronics Div., Carrier Corp.
Tepro Electric Co.
Terminal Radio Corp.
Transformers, Inc.
\*WESTINGHOUSE ELECTRIC CORP.

#### Printed Circuit

Aerovox Corp.
Allied Plastics Supply Corp.
Continental Carbon, Div.-Wirt Co.
Dale Products, Inc.
Dwyer Engrg. Co., Inc.
Filmohm Corp.
Hansen Electronics Co.
P. R. Mallory & Co. Inc.
Mepco Inc.
Memory Memor Mepco Inc.
Milmanco
Naz-Dar Co.
Non-Linear Systems Inc.
Onondaga Pottery Co., Electronics Div.
Terminal Radio Corp.
United-Carr Fastener Corp.

#### RECTILINEAR

Clarostat Mfg. Co., Inc. F. W. Corbett Science Labs. Electromath Corp. General Controls Co. Hansen Electronics Co. Mepco Inc. Precision Line Inc. Terminal Radio Corp.

#### Silicone

F. W. Corbett Science Labs. Dale Products, Inc. Filmohm Corp. Globar Plant, Refractories Div.-The Carborundum Co. Key Resistor Corp. Mepco Inc.

Morganite, Inc. Pacific Resistor Co. Sage Electronics Corp. Tepro Electric Co. Terminal Radio Corp.

#### Subminiature

Cal-Ohm Labs., Inc. Dale Products, Inc. Dwyer Engrg. Co., Inc. Electra Mfg. Co. Electromath Corp. Globar Plant, Refractories Div.-The Carbonundum Hansen Electronics Co. Humphrey, Inc.
Mepco Inc.
Pacific Resistor Co. Pacific Resistor Co.
Precision, Inc.
Sage Electronics Corp.
Tepro Electric Co.
Terminal Radio Corp.

#### Temperature Sensitive

Allied Plastics Supply Corp. Axel Electronics Cal-Ohm Labss, Inc. Carbone Corp., The Green Rectifier Co. Metavac, Inc.
Precision, Inc.
Terminal Radio Corp.
Victory Engineering Corp.

#### Tape

Allied Plastics Supply Corp. Dwyer Engrg. Co., Inc. Hansen Electronics Co. Terminal Radio Corp.

#### Variable Composition

Ace Electronics Associates, Inc. Chicago Telephone Supply Corp. Clark Electronic Laboratories Clarostat Mfg. Co., Inc. Terminal Radio Corp.

#### Variable, Miniature

Ace Electronics Associates, Inc. Ace Electronics Associates, Inc.
Aerovox Corp.
Cal-Ohm Labs, Inc.
Chicago Telephone Supply Corp.
Clarostat Mfg. Co., Inc.
Dale Products, Inc.,
Edcliff Instruments
Electromath Corp.
General Controls Co. Humphrey, Inc.
Key Resistor Corp.
P. R. Mallory & Co. Inc. P. R. Mallory & Co. Inc.
Mepco Inc.
Mepco Inc.
Pacific Resistor Co.
Precision Line Inc.
Spectro Eectronics Div., Carrier Corp.
Terminal Radio Corp.

#### Wire Wound

Wire Wound

Ace Electronics Associates, Inc.
Atlas Resistor Co.
Avel Electronics
Bradford Components, Inc.
Cal-Ohn Labs., Inc.,
Chicago Telephone Supply Corp.
Clarostat Mig. Co., Inc.,
Continental Carbon, Div-Wirt Co.
F. W. Corbett Science Labs.
Dale Products, Inc.
Denter Mig. Co., Inc.
Electro-Hex Heat, Inc.
Electro-Measurements Inc.
Eectro-Measurements Inc.
Eectro-Measurements Inc.
General Electric Co., Apparatus Sales Div.
General Railway Signal Co.
Gray Instrument Co.
Humphrey, Inc.
P. R. Mallory & Co., Inc.
Mepco Inc.
Ohio Carbon Co., The
Pacific Resistor Co.
Precision, Inc.
Precision Line Inc.
Sage Electronics Corp.
Spectrol Electronics Div., Carrier Corp.
Tepro Electric Co.
Terminal Radio Corp.

#### RESOLVERS

American Electronics, Inc. Burroughs Corp. Cedar Engrg. Div.-Control Data Corp. Computer Instruments Corp. Diehl Mfg. Co.

Eclipse-Pioneer Div., Bendix Aviation Corp. Farnsworth Electronics Co., Div.-Int'l Telephone & Telegraph Corp. Helipot Corp. Kearfott Co., Inc. Kollsman Instrument Corp., Sub. Standard Coil Products Co. Inc., Lear, Inc., Grand Rapids Div. Reeves Instrument Corp., Terminal Radio Corp.

#### RHFOSTATS

RHEOSTATS

Analogue Controls, Inc.
Anton Electronic Labs., Inc.
James G, Biddle Co.
Cedar Engrq. Div.-Control Data Corp.
Clarostat Mfg. Co., Inc.
Continental Carbon, Div.-Wirt Co.
Cutler-Hammer Inc.
Dejur-Amsco Corp.
Electro-Ene Equipment Co.
General Electric Co., Apparatus Sales Div.
Grimes Mfg. Co.
Hammet Electric Co.,
P. R. Mallory & Co. Inc.
Superior Electric Co., The
Tucson Instrument Corp.
Vinson Mfg. Co. Inc.

# SERVO MECHANISM CONTROL

SERVO MECHANISM CONTROL

SYSTEMS

Airtron, Inc.

Acoustica Associates, Inc.
Acromag Inc.
Advance Industries, Inc.
Advance Industries, Inc.
Advance Industries, Inc.
Advance Industries, Inc.
Aircraft Armaments, Inc.
Aircraft Armaments, Inc.
All American Aircraft Products, Inc.
American Electronics, Inc.
American Research & Mig. Corp.
Analogue Controls, Inc.
Atlantic Instrument Corp., Sub.American Electronics, Inc.
Atlantic Instrument Corp., Sub.American Electronics, Inc.
Autonetics, Div.-North American Aviation, Inc.
Barber-Colman Co.
Bowe Electric Mig. Co.
Bowmar Instrument Corp.
Burroughs Corp.
CDC Control Services, Inc.
Cadillac Gage Co.
Consolidated Controls Corp.
Frank R. Cook Co.

"DALMO VICTOR CO., DIV.-TEXTRON INC.
"EASTERN INDUSTRIES, INC.
Eclipse-Pioneer Div., Bendix Aviation Corp.
Thomas A. Edison Ind., Instrument Div.-McGraw-Edison Co.
\*ELECTROL INC.
Electronic Associates, Inc.
Exact Engrg. & Mig. Inc.
Feedback Controls, Inc.
Ford Instrument Co., Div.-Sperry Rand Corp.
FOARRETT CORP., THE, AIRESEARCH MFG.
DIVS.
General Precision Lab, Inc.
General Precision Lab, Inc.
General Precision Lab, Inc.
General Mig. Co., The, Div.-Mandrel Industries Inc.
Guided Missile Div.-De Havilland Aircraft of
Canada, Ltd.
Hallamore Electronics Co.
North Atlantic Industries, Inc.

Hallamore Electronics Co.
Hydra-Power Corp.
Industrial Controlo.
North Atlantic Industries, Inc.
Javelin Aircraft Co. Inc.
Kearfoft Co., Inc.
Kearfoft Co., Inc.
Kelsey-Hayes C. Co., Inc., Aviation Div.
Kollsman Instrument Corp., Sub.—Standard Coil
Products Co. Inc.
Lear, Inc.,
Lear, Inc.,
Lear, Inc.,
Lear, Inc.,
Link Aviation, Inc.
J. A. Maurer, Inc.
Mechanical Div.-General Mills, Inc.
Mercury International Industries Inc. Mechanical Div.-General Mills, Inc.
Mercury International Industries Inc.
Mercury Inc.
Parameters, Inc.
Parameters, Inc.
Servo Corp. Guided Missiles Div.
Republic Aviation Corp., Guided Missiles Div.
Ryan Aeronautical Co.
Sanders Associates, Inc.
Servo Corp. of America
Servomechanisms, Inc.
Southwestern Industries, Inc.
Spectrol Electronics Div., Carrier Corp.
Stavid Engrg., Inc.

Stavid Engrg., Inc.

Sundstrandt Aviation, Div.-Sundstrand Machine Sundstrandt Aviation, Div.-Sundstrand Tool Co.
Talley Corp., The Telectro Industries Corp.
Teleflex Inc.
M. Ten Bosch, Inc.
Topper Mfg. Co., Inc.
United Control Corp.
Varo Mfg. Co.
Vickers Inc., Div.-Sperry Rand
Wacline, Inc.
Weighing & Control Components, Inc.
Weston Hydraulics, Ltd.

#### SERVOS, MEASUREMENT

Advance Industries, Inc.
Brush Instruments, Div.-Clevite Corp.
CDC Controls, Inc.
Datran Electronics, Div.-Mid-Continent Mfg., Inc.
Eclipse-Pioneer Div., Bendix Aviation Corp.
Thomas A. Edison Ind., Instrument Div.-McGraw-Edison Co.
Exact Engrg. & Mfg. Inc.
Ceneral Controls Co.
North Atlantic Industries, Inc.
Kearfort Co., Inc.
Kelsey-Hayes Co.
Gerard G. Leeds Co., Inc.
Librascope Inc.
Minneapolis-Honeywell Regulator Co., Boston
Div. Minneapolis-Honeywell Regulator Co., Boston Div. Minneapolis-Honeywell Regulator Co., Industrial Div. Republic Aviation Corp., Guided Missiles Div. Republic Aviation Corp., Guided Missiles Div. Reyon Aeronautical Co. Servomechanisms, Inc. Sheffield Corp., The, Sub.-Bendix Aviation Corp. Telectro Industries Corp. Theta Instrument Corp. Thieblot Aviation Co., Div.-Vitro Corp. of America United Control Corp. Weighing & Control Components, Inc.

SHEETS, METAL CLAD, PRINTED CIRCUIT

Allied Plastics Supply Corp.
Continental Diamond Fibre Corp., Sub.—The Budd Co.
Dwyer Engrg. Co., Inc.
B. F. Goodrich Aviation Products
La Pointe Industries Inc.
Magnetic Shield Div.-Perfection Mica Co.
New England Laminates Co., Inc.
St. Regis Paper Co.
Techniques, Inc.
Thieblot Aviation Co., Div.-Vitro Corp. of America

#### SHIELDING, COIL

Emerson Plastics Corp. Hallett Mfg. Co. Magnetic Shield Div.-Perfection Mica Co. Silicone Insulation, Inc.

#### SHIELDING, ELECTROSTATIC

American Brass Co., The
Auburn Mfg. Co., The
Belden Mfg. Co.
General Cable Corp.
Hallett Mfg. Co.
Magnetic Shield Div.-Perfection Mica Co.
Merix Chemical Co.
Newark Wire Cloth Co.
Tensor Electric Development Co., Inc.

#### SHIELDING, TRANSFORMER

Emerson Plastics Corp.
Kling Metal Spinning & Stamping Co.
Magnetic Shield Div.-Perfection Mica Co.
Silicone Insulation, Inc.
Swedlow Plastics Co,
Tensor Electric Development Co., Inc.
United Transformer Corp.

#### SHIELDING, TUBE

Allied Plastics Supply Corp.
American Brass Co., The
Atlas E-E Corp.
Beaton & Corbin Mfg. Co., The
Belden Mfg. Co.
Connector Corp.
Gasket, Packing & Specialty Co. Inc.
General Cable Corp.
Kling Metal Spinning & Stamping Co.
Livingston Electronic Corp.
Magnetic Shield Div.-Perfection Mica Co.
Methode Mfg. Corp.

#### SHUNTS, METER

Electro-Tech Equipment Co. General Electric Co., Apparatus Sales Div.

Narda Microwave Corp., The Minneapolis-Honeywell Regulator Co., Industrial Div. Sun Electric Corp. Wacline, Inc. \*WESTINGHOUSE ELECTRIC CORP.

#### SHUTTERS, MICROWAVE

Canoga Corp. of California
Continental Diamond Fibre Corp., Sub.—The
Budd Co.
Defiance Engrg. & Microwave Corp.
Demornay-Bonardi
Goodyear Aircraft Corp.
Omega Labs., Inc.
Ryan Aeronautical Co.
\*\*FELERAD MFG. CORP.
Waveline, Inc.

#### SLIDING LOADS, MICROWAVE

Bogart Mfg. Corp.
Defiance Engrg. & Microwave Corp.
Demornay-Bonardi
Douglas Microwave Co., Inc.
J-V-M Microwave Co.
Omega Labs., Inc.
Sage Laboratories, Inc.

#### SOLDER, PRINTED CIRCUIT

Accurate Specialties Co. Inc. Alpha Metals, Inc. Alpha Metals, Inc. Anchor Metal Co. Inc. Bow Solder Products Co., Inc. Johnson Mfg. Co., Inc. La Pointe Industries Inc.

#### SOLDER, SILVER

Accurate Specialties Co. Inc.
All-State Welding Alloys Co., Inc.
American Brazing Alloys Co., Inc.
American Silver Co., Inc.
American Silver Co., Inc.
Ander Metal Co. Inc.
Attleboro Refining Co. Inc.
Dalweld Co. Inc.
Eastern Smelting & Refining Corp.
Eastern Smelting & Refining Corp.
Engelhard Industries Inc., D. E. Makepeace Div.
General Findings & Supply Co., Industrial Div.
Goldsmith Brothers Smelting & Refining Co.
Handy & Harman
Walter K. Jaros, Aircrafters
Leach & Garmer Co., Industrial Div.
Metals & Controls Corp.
J. M. Ney Co., The
Standard Metals Corp.
Tricon Mfg. Co.

#### SOLDER, RINGS AND PREFORMS

Accurate Specialties Co. Inc.
All-State Welding Alloys Co., Inc.
American Brazing Alloys Co., Inc.
American Silver Co.
American Silver Co.
American Silver Co.
Anchor Metal Co. Inc.
Art Wire & Stamping Co.
W. L. Barrett Co., The
Dalweld Co. Inc.
Division Lead Co.
Engelhard Industries Inc., D. E. Makepeace Div.
Gasket, Packing & Specialty Co., Inc.
General Findings & Supply Co., Industrial Div.
Handy & Harman
Johnson Mfg, Co., Inc.
La Pointe Industries Inc.
Leach & Garner Co., Industrial Div.
Standard Metals Corp.
Tricon Mfg, Co.
Western Gold & Platinum

#### SOLENOID VALVES

Aeronautical & Instrument Div., Robertshaw-Fulton Controls Co.
Automatic Switch Co.
Clary Dynamics
Conax Corp.
Electronics Dept., Hamilton Standard Div., United
Aircraft Corp.
Electro-Tech Equipment Co.
Fulturecraft Corp.
General Controls Co.
Gray & Huleguard, Inc.
Walter J. Hyalt Co., The
Hydra-Power Corp.
Johnson Electronics Inc.
\*KOONTZ-WAGNER ELECTRIC CO., INC.
Gerard G. Leeds Co., Inc.
Lyndon Aircraft Inc.
Mar Vista Engra. Co.
Jas. P. Marsh Corp.
Minneapolis-Honeywell Regulator Co., Industrial
Div.
Pacific Div.-Bendix Aviation Corp.
Parker Aircraft Co.
Paeu-Hydro Valve Corp.
Skinner Electric Valve Div., The Skinner Chuck
Tactar Valve Div.-Aircraft Products Co.
Talley Corp., The
\*\*UNITED AIRCRAFT PRODUCTS, INC.
\*\*VALCOR ENGRG. CORP.
Vickers Inc., Div.-Sperry Rand
Weston Hydraulics, Ltd.

#### SOLENOIDS

SOLENOIDS

A.P.W. Co.
Advanced Electronics, Inc.
Aerolite Electronics Corp.
Automatic Switch Co.
Cannon Electric Co.
Clary Dynamics
Comar Electric Co.
Cuttler-Hammer Inc.
Electrical Windings, Inc.
Electronics Dept., Hamilton Standard Div., United
Aircraft Corp.
Electro-Tech Equipment Co.
Elgin National Watch Co.
Engelberg Huller Co., Inc.
General Electric Co., Apparatus Sales Div.
General Railway Signal Co.
Guardian Electric Mg. Co.
Hillburn Electronic Prods. Co.
Walter J. Hyatt Co., The
Johnson Electronics Inc.
\*KOONTZ-WAGNER ELECTRIC CO., INC.
Leetronics, Inc.
G. H. Leland, Inc.
Mar Vista Engrg. Co.
Mara Electronics, Inc.
J. A. Maurer, Inc.
Nemeth, Inc.
Parker Aircraft Co.
Pickering & Co., Inc.
Precision, Inc.
Relay Sales Inc.
Electro Industries Corp.
Tri-Dex Co.
Wactine, Inc.
Western Coil Products Co.
Western Radio Co.

#### SONAR

Acoustica Associates, Inc.
Analogue Controls, Inc.
Dwyer Engrg. Co., Inc.
Dwyer Engrg. Co., Inc.
Avionics Div.
A Pointe Industries Inc.
Librascope Inc.
Missa Labs., Inc.
Minneapolis-Honeywell Regulator Co., Ordnance
Div. \*WESTINGHOUSE ELECTRIC CORP.

#### SQUIBS

American Rocket Co.
Librascope Inc.
McCormick Selph Associates
Propellex Chemical Corp.
Raymond Engrg. Laboratory,
Turbo Dynamics Corp.
Winchester-West. Div.-Olin
Corp.
Mathieson Chem.

#### **STANDARDS**

Allegany Instrument Co., Inc.
Barnes Development Co.
Holf Instrument Laboratories, Div.-Holf Hardwood Co., Inc.
Leeds & Northrup Co.
Marconi Instruments
Specific Products
Vero Mfq. Co.
Winder Aircraft Corp. of Fla.

#### Capacitance

Barnes Development Co.
Boonton Electronics Corp.
Consolidated Airborne Systems, Inc.
Leeds & Northrup Co.
Simmonds Areocessories, Inc.
Telectro Industries Corp.
Winder Aircraft Corp. of Fla.

#### Frequency

James G. Biddle Co.
Demornay-Bonardi
Dunlap Electronics, Inc.
Gertsch Products Inc.
Hycon Eastern Inc.
Marconi Instruments
August E. Miller Laboratories
Ernst Norman Laboratories
Specific Products
Varo Mfq. Co.
Winder Aircraft Corp. of Fla.

#### Inductance

Leeds & Northrup Co. United Transformer Corp. Winder Aircraft Corp. of Fla.

#### Laboratory Time

Allegany Instrument Co., Inc. Dunlap Electronics, Inc. Electro-Tech Equipment Co. Ernst Norrman Laboratories Specific Products Winder Aircraff Corp. of Fla.

#### Phase

Varo Mfg. Co. Winder Aircraft Corp. of Fla. Wintronics

#### Resistance

Barnes Development Co.
James G. Biddle Co.
Consolidated Airborne Systems, Inc.
Electro-Measurements Inc.
Gray Instrument Co.
Leeds & Northrup Co. Minneapolis-Honeywell Regulator Co., Industrial Div. Winder Aircraft Corp. of Fla.

#### STANDS, WAVEGUIDE

Aircom Inc.
Ballymore Co.
Defiance Engrg. & Microwave Corp.
Demornay-Bonardi
Douglas Microwave Co., Inc.
J-V-M Microwave Co.
La Pointe Industries Inc.
Narda Microwave Corp., The
Omega Labs., Inc.
Uniwave, Inc.

\*WASHINGTON ALUMINUM CO., INC.

#### STATIC, ELIMINATORS

Farnsworth Electronics Co., Div.-Int'l Telephone & Telegraph Corp. Merix Chemical Co. United States Radium Corp.

#### STATORS, MOTOR & GENERATOR

Bendix Aviation Corp., Red Bank Div. Bogue Electric Mfg. Co. Kurz & Root Co. Precision, Inc.

#### STRIPS, MOUNTING

Aerolite Electronics Corp. Allied Plastics Supply Corp. Birnbach Radio Co., Inc. Continental Diamond Fibre Corp., Sub.—The Continental Diamona Fibre Con, Budd Co. Electronic Techniques, Inc. Elm Mfg. Co. Inc. Emerson Plastics Corp. Kulka Electric Corp. Litton Industries, Components Div.

#### SUBMINIATURIZATION SERVICES

Bergen Labs.
Collins Radio Co.
\*COOPER DEVELOPMENT CORP.
Electronic Techniques, Inc.
Johnson Electronics Inc.
Librascope Inc.
Maico Electronics, Inc.
Mechanical Div.-General Mills, Inc.
\*MISSILE COMPONENTS GROUP, ELECTRO-SNAP
SWITCH & MFG, CO.
Motorola Inc., Military Marketing Div.
Precision, Inc.
Resdel Engrg, Corp.
Ryan Aeronautical Co.
Sanders Associates, Inc.
Telectrone Mfg, Corp.
Telectro Industries Corp.
Topper Mfg, Co., Inc.

#### SUPPRESSORS, NOISE

Farnsworth Electronics Co., Div.-Int'l Telephone & Telegraph Corp.
Hallett Mfg. Co.
Telectro Industries Corp.
Televiso Corp.

#### SWITCH, GUARDS

Allied Plastics Supply Corp.
Butler-Hammer Inc.
Grimes Mfg. Co.
\*MISSILE COMPONENTS GROUP, ELECTRO-SNAP
SWITCH & MFG. CO.
Neosil Products Co.

#### SWITCH INERTIA

\*INERTIA SWITCH DIV .- SAFE LIGHTING INC.

#### **SWITCHES**

Advanced Products Co., The
Airtron, Inc.
Amatom Electronic Hardware Co. Inc.
Arnoux Corp.
Beckman & Whitley, Inc., Missile Products Div.
Bogart Mig. Corp.
Burroughs Corp.
Carling Electric, Inc.
Clarostat Mfg. Co., Inc.
Cole-Hersee Co.
Consolidated Controls Corp.

F. W. Corbett Science Labs. Cutler-Hammer Inc. General Railway Signal Co. Greenleaf Mfg. Co., The, Div.-Mandrel Indus-

Greenleaf Mrg. Co., Ine, Div.-Mandrel Industries Inc.
\*A. W. HAYDON CO., THE
\*KAHN & CO., INC.
Leeds & Northrup Co.
Markite Corp.
Micro Switch, Div.-Minneapolis-Honeywell Reg.

Co. Co. Minneapolis-Honeywell Regulator Co., Aeronautical Div. Minneapolis-Honeywell Regulator Co., Ordnance

\*MISSILE COMPONENTS GROUP, ELECTRO-SNAP SWITCH & MFG. CO.
Philadelphia Scientific Class Co.
Raymond Engrg. Laboratory, Inc.
Sage Laboratories, Inc.
Sure Brothers, Inc.
Stromberg-Carlson, Electronics Div.
Unimax Switch Div.
U. S. Gauge Div.-American Machine & Metals, Inc.

Inc.
Universal Circuit Controls Corp.
Winder Aircraft Corp. of Fla.

#### Acceleration

Beckman & Whitley, Inc., Missile Products Div. Bergen Labs.
Carleton Aviation Co., Inc.
Consolidated Controls Corp.
Exact Engra, & Mg., Inc.
Greenleaf Mfg. Co., The, Div.-Mandrel Industrials of the Control of the Con Greenleaf Mrg. Co., The, Divisional Massives tries Inc. Haydon Switch, Inc. Humphrey, Inc. Magnavox Co., The Micro Switch, Div.—Minneapolis-Honeywell Reg.

Co. Minneapolis-Honeywell Regulator Co., Boston

\*MISSILE COMPONENTS GROUP, ELECTRO-SNAP SWITCH & MFG. CO. Pacific Scientific Co. Raymond Engrg. Laboratory, Inc. Servomechanisms, Inc. Southwestern Industries, Inc. U.S. Gauge Div.—American Machine & Metals, Inc. Vap-Air Div., Vapor Heating Corp.

#### Air Ram

Air Nam

Aerotec Corp., The Bergen Labs.
Consolidated Controls Corp.
Henry G. Dietz Co., Inc., The Essex Mfg. Co., Inc., The Essex Mfg. Co., Inc., The Essex Mfg. Co., The, Div.—Mandrel Industries, Inc.
Kollsman Instrument Corp., Sub.—Standard Coil Products Co., Inc., Marquardt Aircraft Co.
\*MISSILE COMPONENTS GROUP, ELECTRO-SNAP SWITCH & MFG. CO.
Pioneer-Central Div., Bendix Aviation Corp.
U.S. Gauge Div.—American Machine & Metals, Inc.

#### Aneroid

Aerotec Corp., The Consolidated Controls Corp. Friez Instrument Div.—Bendix Aviation Corp. Kollsman Instrument Corp., Sub.—Standard Coil Products Co., Inc.
\*WALLACE O. LEONARD, INC.
Minneapolis-Honeywell Regulator Co., Ordnance

Div.
Div.

\*MISSILE COMPONENTS GROUP, ELECTROSNAP SWITCH & MFG. CO.
Pioneer-Central Div., Bendix Aviation Corp.
U. S. Gauge Div.-American Machine & Metals,

Consolidated Controls Corp. Gutler-Hammer Inc. Magnetrol, Inc. Micro Switch, Div.-Minneapolis-Honeywell Reg.

Co.
\*MISSILE COMPONENTS GROUP, ELECTRO-SNAP SWITCH & MFG. CO.
Philadelphia Scientific Glass Co.
Recora Co., Inc., The
Sealectric Switch & Relay Corp.
Vap-Air Div., Vapor Heating Corp.
Winder Aircraft Corp. of Fla.

#### Automatic

Airtron, Inc.
Arnoux Corp.
Automatic Switch Co.
Culler-Hammer Inc.
Eagle Signal Corp.
\*KAHN & CO., INC.
P. R. Mallory & Co. Inc.
Micro Switch, Div.-Minneapolis-Honeywell Reg.

\*MISSILE COMPONENTS GROUP, ELECTRO-SNAP SWITCH & MFG. CO. Raymond Engrg. Laboratory, Inc. Relay Sales Inc. Sealectric Switch & Relay Corp.

Servomechanisms, Inc.

#### Crossbar

James Cunningham Son & Co., Inc.
Engelhard Industries Inc., D. E. Makepeace Div.
MISSILE COMPONENTS GROUP, ELECTRO-SNAP
SWITCH & MFG. CO.
North Electric Co.

#### Control

Control

Airtron, Inc.
Consolidated Controls Corp.
Cuffer-Hammer Inc.
W. C. Dillon & Co., Inc.
Thomas A. Edison Ind., Instrument Div.-McGraw-Edison Co.
Electron-Radar Products
Engelhard Industries Inc., D. E. Makepeace Div.
Exact Engrg. & Mig. Inc.
General Electric Co., Apparatus Sales Div.
Greenleaf Mig. Co., The, Div.-Mandrel Industries Inc.
Guardian Electric Mig. Co.
\*KAHN & CO., INC.
\*WALLACE O. LEONARD, INC.
P. R. Mallory & Co. Inc.
Marco Industries Co.
Micro Switch, Div.-Minneapolis-Honeywell Reg.

Micro Switch, Div.-Minneapolis-Honeywell Reg.

Minneapolis-Honeywell Regulator Co., Boston

Minneapolis-Honeywell Regulator Co., Boston Div.

\*MISSILE COMPONENTS GROUP, ELECTRO-SNAP SWITCH & MFG. CO.
Raymond Engra. Laboratory, Inc.
Richards Electrocraft, Inc.
Servomechanisms, Inc.
\*STEYENS MFG. CO., INC.
United-Carr Fastener Corp.
Universal Circuit Controls Corp.
Winder Aircraft Corp. of Fla.

#### Contact

Aerolite Electronics Corp.
Airtron, Inc.
Burroughs Corp.
Clarostal Mfg. Co., Inc.
F. W. Corbett Science Labs.
Cutter-Harmer Inc.
Electron-Radar Products
Engelhard Industries Inc., D. E. Makepeace Div.
General Railway Signal Co.
Guardian Electric Mfg. Co.
Micro Switch, Div.-Minneapolis-Honeywell Reg.
Co.

\*MISSILE COMPONENTS GROUP, ELECTRO-SNAP SWITCH & MFG. CO.
Richards Electrocraft, Inc.
Sealectric Switch & Relay Corp.
Switchcraft, Inc.

F. W. Corbett Science Labs,
Industrial Instruments Inc,
Leeds & Northrup Co.
\*MISSILE COMPONENTS GROUP, ELECTRO-SNAP
SWITCH & MFG. CO.
Joseph Pollak Corp.

#### Duplex

\*MISSILE COMPONENTS GROUP, ELECTRO-SNAP SWITCH & MFG. CO. Oil-Dyne, Inc. G. C. Wilson & Co.

#### Electronic

Advanced Electronics, Inc.

Advanced Electronics, Inc.
Airtron, Inc.
Airtron, Inc.
Arnoux Corp.
Bendix Aviation Corp., York Div.
Bergen Labs.
Burroughs Corp., Electronic Tube Div.
Consolidated Airborne Systems, Inc.
Consolidated Airborne Systems, Inc.
Consolidated Controls Corp.
F. W. Corbett Science Labs.
Henry G. Dietz Co., Inc., The
Don-Lan Electronics Co.
Electron-Radar Products
Electronic Associates, Inc.
Epsco Inc.
Greenleaf Mfg. Co., The, Div.-Mandrel Industries Inc.
Hammett Electric Corp.
Gerard G. Leeds Co., Inc.
P. R. Mallory & Co. Inc.
P. R. Mallory & Co. Inc.
Micro Switch, Div.-Minneapolis-Honeywell Reg.
Co.
Minneapolis-Honeywell Regulator Co., Boston
Div.
MISSILE COMPONENTS GROUP. ELECTRO-SNAP

Div.

MISSILE COMPONENTS GROUP, ELECTRO-SNAP SWITCH & MFG. CO.
Panoramic Radio Products, Inc.
Peschel Electronics, Inc.
Peschel Electronics, Inc.
Resdel Engrg. Corp.
Sealectric Switch & Relay Corp.
Servomechanisms, Inc.
Skiatron Electronics & Television Corp.
Telechrome Mfg. Corp.
Unimax Switch Div.

United Carr Fastener Corp. Walkirt Co. Winder Aircraft Corp. of Fla.

#### Float

Aero Supply Mfg. Co., Inc.
Aerotec Corp., The
Culler-Hammer Inc.
Electro-Tech Equipment Co.
Essex Mfg. Co., Inc.
Geisler Labs.
General Electric Co., Apparatus Sales Div.
Magnetrol, Inc.
\*MISSILE COMPONENTS GROUP, ELECTRO-SNAP
SWITCH & MFG.
To.
Telectro Industries Corp.
United Control Corp.
Vemaline Products Co.
Wave Particle Corp.

#### Foot

Carling Electric, Inc.
Cole-Hersee Co.
Cutler-Hammer Inc.
Electro-Tech Equipment Co.
Thomas T. Fox Co.
General Controls Co.
Micro Switch, Div.-Minneapolis-Honeywell Reg.
Co.

Co.

\*Co.

\*Co.

\*MISSILE COMPONENTS GROUP, ELECTRO-SNAP SWITCH & MFG. CO.

Recora Co., Inc., The Robot Appliances Inc.

Teletro Industries Corp.

\*WESTINGHOUSE ELECTRIC CORP.

#### Hermetically Sealed

Hermetically Sealed

Airtron, Inc.
Automatic Electric Sales Corp.
Carleton Aviation Co., Inc.
Consolidated Controls Corp.
Cutler-Hammer Inc.
Eagle Signal Corp.
Thomas A. Edison Ind., Instrument Div.—McGraw-Edison Co.
Electron-Radar Products
Exact Engrg. & Mig. Inc.
Gordos Corp.
Hamilion Watch Co., Military Products Div.
Hamilin, Inc.
Haydon Switch, Inc.
Licon Div.—Hilinois Tool Works
Licon & Spiroid Divs., Illinois Tool Works
P. R. Mallory & Co. Inc.
Metals & Controls Corp.
Micro Switch, Div.—Minneapolis-Honeywell Reg.
Co.
Miller-Robinson Co.
Milneapolis-Honeywell Regulator Co., Boston
Div.
MISSILE COMPONENTS GROUP, ELECTRO-SNAP

Minneapolis-Honeywell Regulator Co., Boston Div.

\*MISSILE COMPONENTS GROUP, ELECTRO-SNAP SWITCH & MFG. CO.
Ozone Metal Products Corp.
Raymond Engrg. Laboratory, Inc.
Recora Co., Inc., The Sealectric Switch & Relay Corp.
Spencer Thermostat Div.-Metals & Controls Corp.
Telectro Industries Corp.
U. S. Gauge Div.-American Machine & Metals, Inc.

#### Hydraulic

Hydraulic

Aerotec Corp., The
Carleton Aviation Co., Inc.
Consolidated Controls Corp.
General Controls Corp.
WALLACE O. LEONARD, INC.
\*WASLIE COMPONENTS GROUP, ELECTRO-SNAP
SWITCH & MFG. CO.
Oil-Dyne, Inc.
Recora Co., Inc., The
U. S. Gauge Div.-American Machine & Metals,
Inc.
\*VICKERS INC., MARINE & ORDNANCE DEPT.,
MACHINERY HYDRAULICS DIV.
Whittaker Controls, Div.-Telecomputing Corp.

#### Ignition

Cole-Hersee Co.
Hammett Electric Co.
\*MISSILE COMPONENTS GROUP, ELECTROSNAP SWITCH & MFG. CO.
Joseph Pollak Corp.
Scintilla Div.-Bendix Aviation Corp.

Impact

Impact
Columbia Research Labs.
Dale Products, Inc.
Elgin Micronics, West Coast Div.-Elgin National
Warch Co.
Exact Engrg. & Mfg. Inc.
Humphrey, Inc.
Ideal-Aerosmith, Inc.
Walter Kidde & Co., Inc., Aviation Div.
Micro Switch, Div.-Minneapolis-Honeywell Reg.
Co.
\*MISSILE COMPONENTS GROUP, ELECTROSNAP SWITCH & MFG. CO.
Pacific Scientific Co.
Raymond Engrg. Laboratory, Inc.

#### Indicating

Aero Supply Mfg. Co., Inc.
Airtron, Inc.
Bergen Labs.
Cutler-Hammer Inc.
Eact Engrg. & Mfg. Inc.
Micro Switch, Div.-Minneapolis-Honeywell Reg.

MICRO SWITCH, DIV.-MINNEAPOIIS-HONEYWEIL K
Co.
\*MISSILE COMPONENTS GROUP, ELECTROSNAP SWITCH & MFG. CO.
O & S Research, Inc.
Unimax Switch Div.
\*WESTINGHOUSE ELECTRIC CORP.

Automatic Electric Sales Corp. C. P. Clare & Co. P. R. Mallory & Co. Inc. Minneapolis-Honeywell Regulator Co., Industrial

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#### Key

Automatic Electric Sales Corp.
Capitol Machine Co., The
F. W. Corbert Science Labs.
Cutler-Hammer Inc.
P. R. Mallory & Co. Inc.
Micro Switch, Div.-Minneapolis-Honeywell Reg.
Co.
Minneapolis-Honeywell Regulator Co., Industrial

Minneapolis-Honeywell Regulator Co., Indust Div. \*MISSILE COMPONENTS GROUP, ELECTRO-SNAP SWITCH & MFG. CO. North Electric Co. Switchcraft, Inc. Telectro Industries Corp. Universal Circuit Controls Corp.

#### Knife

Alden Electronic & Impulse Recording Equip. Co.

Birnbach Radio Co., Inc.
General Electric Co., Apparatus Sales Div.
Kolton Electric Mig. Co.
\*MISSILE COMPONENTS GROUP, ELECTROSNAP SWITCH & MFG. CO.
Telectro Industries Corp.
\*WESTINGHOUSE ELECTRIC CORP.

#### Limit

Limit
Airtron, Inc.
Arch Gear Works Inc.
Automatic Electric Sales Corp.
Cutler-Hammer Inc.
Electro-Tech Equipment Co.
Exact Engrg. & Mfg. Inc.
General Controls Co.
General Electric Co., Apparatus Sales Div.
Haydon Switch, Inc.
Janco Corp.
Licon Div.-Illinois Tool Works
Licon & Spiroid Divs., Illinois Tool Works
Magnetrol, Inc.
Metals & Controls Corp.
Micro Switch, Div.-Minneapolis-Honeywell Reg.
Co.
Minneapolis-Honeywell Regulator Co., Boston
Div.

Minimed points in the way of the control of the con M. Ten Bosch, Inc.
Unimax Switch Div.
\*WESTINGHOUSE ELECTRIC CORP.

Liquid Oxygen Control

Consolidated Airborne Systems, Inc.
\*MISSILE COMPONENTS GROUP, ELECTROSNAP SWITCH & MFG. CO.
Pioneer-Central Div., Bendix Aviation Corp.
Progressive Research & Development Co., Inc.
United Control Corp.

#### Mach Limit

Cutler-Hammer Inc.
Eclipse-Pioneer Div.-Bendix Aviation Corp.
Kollsman Instrument Corp., Sub.—Standard Coil
Products Co. Inc.
WALLACE O. LEONARD, INC.
Marquardt Aircraft Co.
MISSILE COMPONENTS GROUP, ELECTROSNAP SWITCH & MFG. CO.
Pioneer-Central Div., Bendix Aviation Corp.
Specialties, Inc.

#### Mechanical Control

Airtron, Inc. Cole-Hersee Co. Engelhard Industries Inc., D. E. Makepeace Div. Exact Engrg. & Mfg. Inc.

Greenleai Mig. Co., The, Div.-Mandrel Industries Inc.

\*KAHN & CO., INC.
Licon & Spiroid Divs., Illinois Tool Works
Micro Switch, Div.-Minneapolis-Honeywell Reg. Minneapolis Honeywell Regulator Co., Boston

Minneapolis-Homeyweii Rogulla British Div.

\*MISSILE COMPONENTS GROUP, ELECTROSNAP SWITCH & MFG. CO.
Joseph Pollak Corp.
Raymond Engrg. Laboratory, Inc.
Robot Appliances Inc.
Techanical Oil Tool Corp.
Universal Circuit Controls Corp.

#### Mercury

Anchor Metal Co. Inc.
Ebert Electronics Corp.
Electron-Radar Products
Electro-tech Equipment Co.
General Controls Co.
Gordos Corp.
Hamlin, Inc.
E. Vernon Hill & Co.
Mercury Contacts, Inc.
Micro Switch, Div.-Minneapolis-Honeywell Reg.
Co. Micro Switch, Co.
Co.
Robot Appliances Inc.
Servomechanisms, Inc.
Telectro Industries Corp.
United-Carr Fastener Corp.
Vap-Air Div., Vapor Heating Corp.

#### Microphone

Canoga Corp. of California Thomas T. Fox Co. Micro Switch, Div.-Minneapolis-Honeywell Reg. Micro Switch, DIV.-Millineapons-Holloys Co.

\*MISSILE COMPONENTS GROUP, ELECTROSNAP SWITCH & MFG. CO.
Roflan Co., The
Shure Brothers, Inc.

#### Microwave

Microwave

Airtron, Inc.
Canoga Corp. of California
Joe Davidson & Associates
Demornay-Bonardi
Diamond Antenna & Microwave Corp.
Douglas Microwave Cor, Inc.
Electron-Radar Products
Engelhard Industries Inc., D. E. Makepeace Div.
General Communication Co.
Goodyear Aircraft Corp.
Gerard G. Leeds Co., Inc.
Marco Industries Co.,
Microwave Electronics Div., Sperry Gyroscope
Co.
Radar Design Corp.
Ryan Aeronautical Co.
Sage Laboratories, Inc.
\*\*TELERAD MFG. CORP.
Transco Products, Inc.
Uniwave, Inc.
Waveline, Inc.

#### Miniature

Miniature

Airtron, Inc.
Amatom Electronic Hardware Co. Inc.
Carling Electric, Inc.
Clarostat Mfg. Co., Inc.
Cutler-Hammer Inc.
Thomas A. Edison Ind., Instrument Div.—McGraw-Edison Co.
Electro-Tech Equipment Co.
Engelhard Industries Inc., D. E. Makepeace Div.
Exact Engrg. & Mfg. Inc.
Haydon Switch, Inc.
Licon Div.—Willinois Tool Works
Licon & Spiroid Divs., Illinois Tool Works
P. R. Mallory & Co. Inc.
Metals & Controls Corp.
Micro Switch, Div.-Minneapolis-Honeywell Reg.
Co.
MISSILE COMPONENTS GROUP ELECTRO.

\*MISSILE COMPONENTS GROUP, ELECTRO-SNAP SWITCH & MFG. CO.
Oil-Dyne, Inc.
Joseph Pollak Corp.
Poly-Scientific Corp.
Recora Co., Inc., The
Switchcraft, Inc.
Unimax Switch Div.
United-Carr Fastener Corp.

#### Oil Immersed

General Electric Co., Apparatus Sales Div. Haydon Switch, Inc. Micro Switch, Div.—Minneapolis-Honeywell Reg. MICRO SMICH,
CO.
CO.
VINITIAN SWITCH DIV.
UNITIAN SWITCH DIV.
WACHINERY HYDRAULICS DIV.
\*WESTINGHOUSE ELECTRIC CORP.

#### Plunger

Carline Electric, Inc. Gordos Corp. Haydon Switch, Inc.

Licon Div.-Illinois Tool Works P. R. Mallory & Co. Inc. Micro Switch, Div.—Minneapolis-Honeywell Reg.

\*MISSILE COMPONENTS GROUP, ELECTRO-SNAP SWITCH & MFG. CO.

Philadelphia Scientific Glass Co.

Spencer Thermostat Div.-Metals & Controls Corp.
Unimax Switch Div.
Unimax Switch Div.
United-Carr Fastener Corp.
\*VICKERS INC., MARINE & ORDNANCE DEPT.,
MACHINERY HYDRAULICS DIV.

#### Pressure

Pressure

Aero Supply Mfg. Co., Inc.
Aerotec Corp., The
Barksdale Valves
Carleton Aviation Co., Inc.
Cole-Hersee Co.
Consolidated Controls Corp.
\*CORNELIUS CO., THE
Cutler-Hammer Inc.
Henry G. Dietz Co., Inc.
Henry G. Dietz Co., Inc.
Elgin Micronics, West Coast Div.-Elgin National
Watch Co.
Essex Mfg Co., Inc.
Friez Instrument Div.-Bendix Aviation Corp.
General Controls Co.
General Controls Co.
Sp. F. Goodrich Aviation Products
Greenleaf Mfg. Co., The, Div.-Mandrel Industries Inc. Greenleat Mtg. Co., The, Div.-Manarel industries Inc.
Halax Corp.
Ideal-Aerosmith, Inc.
Kemp Aero Products, Div.-Kemp Inc.
Walter Kidde & Co., Inc., Aviation Div.
Kollsman Instrument Corp., Sub.—Standard Coil
Products Co. Inc. Products Co. Inc.
Lear, Inc.
Licon Div.-Illinois Tool Works
Meletron Corp.
Miller-Robinson Co.
Miller-Robinson Co.
Minneapolis-Honeywell Regulator Co., Industrial

Div.

\*MISSILE COMPONENTS GROUP, ELECTRO-SNAP SWITCH & MFG. CO.
Oil-Dyne, Inc.
Pioneer-Central Div., Bendix Aviation Corp.
Robot Appliances Inc.
Ryan Aeronautical Co.
Sealectric Switch & Relay Corp.
Southwestern Industries, Inc.
U. S. Gauge Div.-American Machine & Metals, Inc.

\*VICKERS INC., MARINE & ORDNANCE DEPT., MACHINERY HYDRAULICS DIV. Waldorf Instrument Co., Div.-F. C. Huyck & Sons Whittaker Controls, Div.-Telecomputing Corp.

#### Printed Circuit

Airtron, Inc.
American Printed Circuits Co., Inc.
Cleveland Metal Specialties Co.
Dale Products, Inc.
Elgin Micronics, West Coast Div.-Elgin National
Watch Co.
P. R. Mallory & Co. Inc.
Milmanco Milmanco
\*MISSILE COMPONENTS GROUP, ELECTRO-SNAP
SWITCH & MFG. CO.
Precision Circuits, Inc.
Rogers Corp. Rogers Corp.
Ryan Aeronautical Co.
Spectrol Electronics Div., Carrier Corp.
Star Engraving Co., Ltd.
Techniques, Inc.
Ucinite Co., The, Div.-United-Carr Fastener Corp.
United-Carr Fastener Corp.

#### Pulse

Airtron, Inc. Gordos Corp. Micro Switch, Div.-Minneapolis-Honeywell Reg. \*MISSILE COMPONENTS GROUP, ELECTRO-SNAP SWITCH & MFG. CO. Skiatron Electronics & Television Corp.

#### Pushbutton

Amatom Electronic Hardware Co. Inc.
American Brass Co., The
Automatic Electric Sales Corp.
Birnbach Radio Co., Inc.
Capitol Machine Co., Inc.
Cole-Hersee Co.
F. W. Corbett Science Labs.
Cutler-Hammer Inc.
General Electric Co., Apparatus Sales Div.
General Railway Signal Co.
Haydon Swirch, Inc.
Leeds & Northrup Co.

Licon Div.-Illinois Tool Works Licon & Spiroid Divs., Illinois Tool Works P. R. Mallory & Co. Inc. Marco Industries Co. Metals & Controls Corp. Micro Switch, Div.-Minneapolis-Honeywell Reg. Co.

\*\*MISSILE COMPONENTS GROUP, ELECTRO-SNAP SWITCH & MFG. CO.
North Electric Co.
O & S Research, Inc.
Richards Electroraft, Inc.
Robot Appliances Inc.
Robot Appliances Inc.
For Thermostat Div.-Metals & Controls Roflan Co., The Spencer Thermostat Div.-Corp. Star Engraving Co., Ltd. Switchcraft, Inc. Telectro Industries Corp. Unimax Switch Div. United Supply Co. United Carr Fastener Corp. Universal Circuit Controls Universal Circuit Controls Corp.

\*WESTINGHOUSE ELECTRIC CORP.

#### Radio

American Brass Co., The Birnbach Radio Co., Inc. Carling Electric, Inc. Cutler-Hammer Inc. Cutler-Hammer Inc.
\*DATA-CONTROL SYSTEMS INC.
General Cement Mfg. Co., Div.-Textron Inc.
General Communication Co.
Hycon Eastern Inc.
P. R. Mallory & Co. Inc.
Micro Switch, Div.-Minneapolis-Honeywell Reg.
Co.

\*MISSILE COMPONENTS GROUP, ELECTRO-SNAP SWITCH & MFG. CO. Telectro Industries Corp. Ucinite Co., The, Div.-United-Carr Fastener Corp. Winder Aircraft Corp. of Fla.

#### Remote Control

Remote Control
Automatic Switch Co.
Automotive & Aircraft Div.-American Chain &
Cable Co., Inc.
James Cunningham Son & Co., Inc.
Cuffer-Hammer Inc.
PATA-CONTROL SYSTEMS INC.
Electronics Dept., Hamilton Standard Div.,
United Aircraft Corp.
General Communication Co.
\*KAHN & CO., INC.
Micro Switch, Div.--Minneapolis-Honeywell Reg.
Co.

Co. Minneapolis-Honeywell Regulator Co., Boston

Div.

\*MISSILE COMPONENTS GROUP, ELECTRO-SNAP SWITCH & MFG. CO.
Powers Regulator Co., The Robot Appliances Inc.
Telectro Industries Corp.
Teleflex Inc.
Varo Mfg. Co.
Winder Aircraft Corp. of Fla.
Zenith Electric Co.

#### Reset

Advanced Products Co., The
Airflyte Electronics Co.
Curler-Hammer Inc.
Elgin Micronics Div.-Elgin National Watch Co.
General Electric Co., Apparatus Sales Div.
Licon Div-Illinois Tool Works
Licon & Spiroid Divs., Illinois Tool Works
P. R. Mallory & Co. Inc.
Micro Switch, Div.—Minneapolis-Honeywell Reg.
Co.

\*MISSILE COMPONENTS GROUP, ELECTRO-SNAP SWITCH & MFG, CO. Nemeth, Inc. Sealectric Switch & Relay Corp. Unimax Switch Div.

Rotary

Rotary

Airflyte Electronics Co.
Airfton, Inc.
Amatom Electronic Hardware Co. Inc.
Birnbach Radio Co., Inc.
Carling Electric, Inc.
Clarostał Mfg. Co., Inc.
Cole-Hersee Co.
Computer Instruments Corp.
Cutler-Hammer Inc.
Elektro-Serv Co.
Elgin Micronics, West Coast Div.-Elgin National
Watch Co.
Engelhard Industries Inc., D. E. Makepeace Div.
General Cement Mfg. Co., Div.-Textron Inc.
General Communication Co.
General Electric Co., Apparatus Sales Div.
\*\*GRAPHIE METALLIZING CORP.
\*\*Hamilton Watch Co., Military Products Div.
Hammett Electric Co.
Industrial Instruments Inc.
Instrument Development Laboratories, Inc.
Iron Fireman Mfg. Co., Electronics Div.

Janco Corp.
Leeds & Northrup Co.
Licon Div.Illinois Tool Works
Licon & Spiroid Divs., Illinois Tool Works
Magnavox Co., The
P. R., Mallory & Co. Inc.
Markite Corp.
Metals & Controls Corp.
Micro Switch, Div.—Minneapolis-Honeywell Reg.
Co. \*\*MISSILE COMPONENTS GROUP, ELECTRO-SNAP SWITCH & MFG. CO.
North Electric Co.
Joseph Pollak Corp.
Poly-Scientific Corp.
Relay Sales Inc.
Robot Appliances Inc.
Sealectric Switch & Relay Corp.
Spencer Thermostat Div.-Metals & Controls Corp.
Switchcraft, Inc.
Ucinite Co., The, Div.—United-Carr Fastener
Corp.

#### Rotary Chopper

Rotary Chopper

Airflyte Electronics Co.
Computer Instruments Corp.
Electro Tec Corp.
Elektro-Serv Co.
\*GRAPHITE METALLIZING CORP.
Hammett Electric Co.
Magnavox Co., The
Markite Corp.
\*MISSILE COMPONENTS GROUP, ELECTRO-SNAP
SWITCH & MFG.
ON
Wycalex Corp. of America
Nemeth, Inc.
Poly-Scientific Corp.
Telectro Industries Corp.
Uniwave, Inc.

Uniwave, Inc.

#### Rotary Sampling

Airflyte Electronics Co.
Computer Instruments Corp.
Electro Tec Corp.
Elektro-Serv Co.
Hammett Electric Co.
Instrument Development Laboratories, Inc.
Magnavox Co., The
Markite Corp.

Markite Corp.

\*MISSILE COMPONENTS GROUP, ELECTRO-SNAP

SWITCH & MFG. CO.

Mycalex Corp. of America

Nemeth, Inc.

Poly-Scienific Corp.

Telectro Industries Corp.

#### Rotary Selector

Kofary Selector

Airtron, Inc.
Clarostat Mig. Co., Inc.
Computer Instruments Corp.
Cutler-Hammer Inc.
Electro Development Co.
Electro Tec Corp.
Essex Mig. Co., Inc.
General Railway Signal Co.
Hammett Electric Co.
Janco Corp.
G. H. Leland, Inc.
Lewis Engra. Co., The
Magnavox Co., The
P. R. Mallory & Co. Inc.
Micro Switch, Div.—Minneapolis-Honeywell Reg.
Co.

Co.

\*MISSILE COMPONENTS GROUP, ELECTRO-SNAP SWITCH & MFG. CO.

Joseph Pollak Corp.
Thompson Products, Inc.
Ucinite Co., The, Div.-United-Carr Fastener

\*WESTINGHOUSE ELECTRIC CORP.

#### Safety

Beckman & Whitley, Inc., Missile Products Div. Cole-Hersee Co. Cutler-Hammer Inc. Licon Div.-Illinois Tool Works Micro Switch, Div.—Minneapolis-Honeywell Reg. \*MISSILE COMPONENTS GROUP, ELECTRO-SNAP SWITCH & MFG. CO. Recora Co., Inc., The Unimax Switch Div. \*WESTINGHOUSE ELECTRIC CORP.

#### Slide

Slide

Birnbach Radio Co., Inc.
Carling Electric, Inc.
Cole-Hersee Co.
Continental Carbon, Div.-Wirt Co.
Cutler-Hammer Inc.
Elain Micronics, West Coast Div.-Elgin National
Watch Co.
P. R. Mallory & Co. Inc.
Marco Industries Co.
Micro Switch, Div.—Minneapolis-Honeywell Reg.
Co.
\*MISSILE COMPONENTS GROUP, ELECTRO-SNAP
SWITCH & MFG. CO.

#### Snap Action

Amatom Electronic Hardware Co. Inc.
Atlas E-E Corp.
Carling Electric, Inc.
Clarestat Mfg. Co., Inc.
Cole-Herse Co.
Cutler-Hammer Inc.
Ebert Electronics Corp.
Electro-Tech Equipment Co.
General Controls Co.
General Electric Co., Apparatus Sales Div.
Haydon Switch, Inc.
Kulka Electric Corp.
Licon Div., Illinois Tool Works
Licon & Spiroid Divs., Illinois Tool Works
P. R. Mallory & Co. Inc.
Metals & Controls Corp.
Micro Switch, Div.—Minneapolis-Honeywell Reg.
Co.
Missile COMPONENTS GROUP ELECTRO \*MISSILE COMPONENTS GROUP, ELECTROSNAP SWITCH & MFG, CO.
Nemeth, Inc.
Network Mfg, Corp.
George Ulanet Co.
Joseph Pollack Corp.
Recora Co., Inc., The
Scalectric Switch & Relay Corp.
Ucinite Co., The, Div.—United-Carr Fastener
Corp.

Corp.
Unimax Switch Div.
United Supply Co.
\*WESTINGHOUSE ELECTRIC CORP.

#### Specialty

Actron, Inc.
C. P. Clare & Co.
James Cunningham Son & Co., Inc.
Cutler-Hammer, Inc.
Elektro-Serv Co.
Elejin Micronics, West Coast Div.—Elgin National
Watch Co.
Gordos Corp.
Licon Div.—Illinois Tool Works
Micro Switch, Div.—Minneapolis-Honeywell Reg.
Co. Co. Minneapolis-Honeywell Regulator Co., Boston

Minneapolistrineywork
Div.

\*MISSILE COMPONENTS GROUP, ELECTROSNAP SWITCH & MFG. CO.
Nemeth, Inc.
Raymond Engrg. Laboratory, Inc.
Sealectric Switch & Relay Corp.
Ucinite Co., The, Div.—United-Carr Fastener Corp.
Corp.
United Supply Co.
Universal Circuit Controls Corp.

#### Step Type

Automatic Electric Sales Corp. Automatic Electric Sales Corp.
Bergen Labs.
Cutler-Hammer, Inc.
Hamilton Watch Co., Military Products Div.
Land-Air, Inc., Sub.—California Eastern Aviation, Inc.
G. H. Leland, Inc.
P. R. Mailory & Co., Inc.
Micro-Switch, Div.—Minneapolis-Honeywell Reg.

#### Sub-Miniature

Airtron, Inc.
Amatom Electronic Hardware Co., Inc.
Cutler-Hammer, Inc.
Elektro-Serv Co.
Englehard Industries, Inc., D. E. Makepeace Div.
Hamilton Watch Co., Military Products Div.
Haydon Switch, Inc.
Licon Div.—Illinois Tool Works
Licon & Spiroid Divs.—Illinois Tool Works
P. R. Mallory & Co., Inc.
Micro Switch, Div.—Minneapolis-Honeywell Reg.
Co.

Micro Switch, Div.—Minneapolis-Honeywell Reg. Co.

\*MISSILE COMPONENTS GROUP, ELECTROSNAP SWITCH & MFG. CO.
Poly-Scientific Corp.
Recora Co., Inc., The
Richards Electrocraft, Inc.
Sealectric Switch & Relay Corp.
Spencer Thermostat Div.—Metals & Controls
Corp. Corp. Unimax Switch Div.

#### Tap

Cutler-Hammer, Inc.
Electro-Tech Equipment Co.
Hammert Electric Co.
Micro Switch, Div.—Minneapolis-Honeywell Reg.

\*MISSILE COMPONENTS GROUP, ELECTRO-SNAP SWITCH & MFG. CO. Joseph Pollak Corp. Universal Circuit Controls Corp. \*WESTINGHOUSE ELECTRIC CORP.

#### Telemetering

American Printed Circuits Co., Inc.
Arnoux Corp.
Burroughs Corp., Electronic Tube Div.
Computer Instruments Corp.
Consolidated Electrodynamics Corp.
\*\*PATA-CONTROL SYSTEMS, INC.
Electro Tec Corp.
Electronic Techniques, Inc.
Elektro-Serv Co.
Ejexco, Inc.
\*\*A. W. HAYDON CO., THE
Instrument Development Laboratories, Inc.
Iron Fireman Mfg. Co., Electronics Div.
Micro Switch, Div.—Minneapolis-Honeywell Reg.
Co.

\*MISSILE COMPONENTS GROUP, SNAP SWITCH & MFG. CO.
Mycalex Corp. of America
Pacific Div.—Bendix Aviation Corp.
Poly-Scientific Corp.
Talley Corp., The
Uniwave, Inc.
\*WESTINGHOUSE ELECTRIC CORP.

#### Temperature Control

Atlantic Instrument., Sub.-American Electronics, Inc.
Consolidated Controls Corp. Consolidated Comings Corp.
Fenwal, Inc.
G-V Controls, Inc.
Kennametal, Inc.
Metals & Controls Corp.
Micro Switch, Div.—Minneapolis-Honeywell Reg. Co.
August E. Miller Laboratories
Minneapolis-Honeywell Regulator Co., Inustrial Minneapolis-Honeywell Regulator Co., Missile COMPONENTS GROUP, SNAP SWITCH & MFG. CO. George Ulanet Co., The Scientific Instrument Co. \*STEVENS MFG. CO., INC. Talley Corp., The United Control Corp. The United Control Corp. \*WESTINGHOUSE ELECTRIC CORP. Wilcolator Co., The

#### Thermal

hermal

Blonder-Tongue Labs., Inc.
Consolidated Controls Corp.
Cutler-Hammer, Inc.
Ebert Electronics Corp.
Thomas A, Edison Ind., Instrument Div.—McGraw-Edison Co.
Electron-Radar Products
G-V Controls, Inc.,
Hammett Electric Co.
E. Vernon Hill & Co.
Micro Switch, Div.—Minneapolis-Honeywell Reg.
Co.
Minneapolis-Honeywell Regulator Co., Aeronautical Div.
Nemeth, Inc.
George Ulanet Co.
United Control Corp.
Universal Circuit Controls Corp.
Vap-Air Div., Vapor Heating Corp.
Wilcolator Co., The

#### Timing

Timing

Abrams Instrument Corp.
Advanced Products Co., The
Cutter-Hammer, Inc.
Joe Davidson & Associates
Henry G. Dietz Co., Inc., The
Dimco-Gray Co.
Eagle Signal Corp.
Thomas A. Edison Ind., Instrument Div.—McGraw-Edison Co.
Eigin National Watch Co.
Exact Engrg. & Mfg., Inc.,
Friez Instrument Div.—Bendix Aviation Corp.
General Electric Co., Apparatus Sales Div.
Greenleaf Mfg. Co., The, Div.—Mandrel Industries, Inc.
Hammert Electric Co.
\*A. W. HAYDON CO., THE
Haydon Div.—General Time Corp.
Industrial Electronic Engineers
\*KAHN & CO., INC.
P. R. Mallory & Co., Inc.
Micro Switch, Div.—Minneapolis-Honeywell Reg.
Co.
Minneapolis-Honeywell Regulator Co., Ordnance Co. Minneapolis-Honeywell Regulator Co., Ordnance Minneapolis-Honeywell Regulator Co., Ordinated Div.

MISSILE COMPONENTS GROUP,
SNAP SWITCH & MFG. CO.
George Ulanet Co.
Poly-Scientific Corp.
Raymond Engra, Laboratory, Inc.
Reliance Automatic Lighting Co.
Technical Oil Tool Corp.
Tempo Instrument, Inc.
Vemaline Products Co.

\*WESTINGHOUSE ELECTRIC CO.
G. C. Wilson & Co.
Zenith Electric Co.

#### Toggle

Amatom Electronic Hardware Co., Inc.
Birnbach Radio Co., Inc.
Carling Electric, Inc.
Cole-Hersee Co.
Cutter-Hammer, Inc.
Electro-Tech Equipment Co.
Essex Mfg. Co., Inc.
General Electric Co., Apparatus Sales Div.
Haydon Switch, Inc.
Kulka Electric Corp.
Lear, Inc.
Licon Div.—Illinois Tool Works
Licon & Spiroid Divs., Illinois Tool Works
Master Appliance Mfg. Co.
Micro Switch, Div.—Minneapolis-Honeywell Reg.
Co.
\*MISSILE COMPONENTS GROUP, ELECTROSNAP SWITCH & MFG. CO.
Network Mfg. Corp.
Robot Appliances, Inc.
Spencer Thermostat Div.—Metals & Controls
Corp.

#### Transformer

Corp.
Western International Co.

Eisler Engrg. Co., Inc.
General Electric Co., Apparatus Sales Div.
Hammett Electric Co.
\*MISSILE COMPONENTS GROUP, ELECTROSNAP SWITCH & MFG. CO.
Transonic, Inc.

#### Transistor

Cutler-Hammer, Inc.
Electronic Techniques, Inc.
Hughes Products,
Lughes Products,
Lughes Products,
Conductor Div.
\*MISSILE COMPONENTS GROUP,
SNAP SWITCH & MFG. CO.
\*WESTINGHOUSE ELECTRIC CORP.

#### Vacuum

Vacuum

Barksdale Valves
Consolidated Controls Corp.

\*CORNELIUS CO., THE
Cutler-Hammer, Inc.
Henry G. Dietz Co., Inc., The
Gordos Corp.
Green Rectifier Co.
High Vacuum Equipment Corp.
Jemings Radio Mig. Corp.
Philadelphia Scientific Glass Co.
Pioneer-Central Div., Bendix Aviation Corp.
Research Appliance Co.
Vacuum Tube Products Co., Inc.
Veco Vacuum Corp.

#### Wavechange Receiver

Demornay-Bonardi

#### Wavechange Transmitter

Demornay-Bonardi

#### Waveguide

#### Waveguide Microwave

Airfron, Inc.
Bogart Mig. Corp.
Canoga Corp. of California
Joe Davidson & Associates
Defiance Engrg. & Microwave Corp.
Demornay-Bonardi
Diamond Antenna & Microwave Corp.
Don-Lan Electronics Co.
Donylas Microwave Co., Inc.
Engelhard Industries Inc., D. E. Makepeace Div.
J.-V-M Microwave Co.
Microwave Electronics Div., Sperry Gyroscope
Co. Co.
Polarad Electronics Corp.
Radar Design Corp.
Ryan Aeronautical Co.

Sage Laboratories, Inc. Technical Oil Tool Corp. \*TELERAD MFG. CORP. Thompson Products, Inc. Uniwave, Inc. Waveline, Inc. Westbury Electronics, Inc.

#### SWITCHING EQUIPMENT. ANTENNA

ANTENNA

Airtron, Inc.
Autonetics, Div.—North American Aviation, Inc.
Bogart Mfg. Corp.
Collins Radio Co.
James Cunningham Son & Co., Inc.
Don-Lan Electronics Co.
General Communication Co.
General Communication Co.
Goodyear Aircraft Corp.
La Pointe Industries, Inc.
Microwave Electronics Div., Sperry Gyroscope Co.
MISSILE COMPONENTS GROUP, ELECTROSNAP SWITCH & MFG. CO.
Prodelin, Inc.
Ryan Aeronautical Co.
Ryan Aeronautical Co.
Technical Appliance Corp.
Telectro Industries Corp.
Tielectro Industries Corp.
Thieblot Aviation Co.,
Jiv.—Vitro Corp. of
America.
Transco Products, Inc.
Washury Electronics, Inc.
Wilcox Electric Co.,
Wind Turbine Co.

#### **SYNCHROS**

Clifton Precision Products Co., Inc.

#### TARGET DEVICES

Infra-red, radar \*COOPER DEVELOPMENT CORP.

#### TERMINAL BLOCKS

Accurate Electronics Corp., Dept. D
Aerolite Electronics Corp., Dept. D
Aerolite Electronics Corp.
Amatom Electric Sales Corp.
Bundy Corp., Omaton Div.
Cole-Hersee Co.
Continental Connector Corp.
Continental Diamond Fibre Corp., Sub.—The
Budd Co.
Cutler-Hammer Inc.
Emerson Plastics Corp.
Emilia Corp.
Garde Mig. Co.
General Components Inc.
General Components Inc.
General Components Inc.
General Corp.
Walter K. Jaros, Aircrafters
Joelin Mig. Co.
Jodee Plastics Co.
Hobson Brothers, Inc.
Walter K. Jaros, Aircrafters
Joelin Mig. Co.
Joee Plastics Co.
Kuka Electric Corp.
Litton Industries, Components Div.
Molding Corp. of America
National Tel-Tronics Corp.
Clympic Plastics Co., Inc.
Stromberg-Carlson, Electronics Div.
Sub.—The
Sundy Corp., Omaton Div.
Continental Connector Corp.
Electronic Techniques, Inc.
General Components Inc.
Walter K. Jaros, Aircrafters
Keystone Electronics Corp.
Kuka Electric Corp.
Litton Industries, Components Div.
National Tel-Tronics Corp.
Alden Products Co.
Amatom Electronics Corp.
Alden Products Co.
Amatom Electronics Corp.
Alden Products Co.
American Brass Co., The
Automotive & Aircraft Div.-American Cha
Cable Co., Inc.
Stromberg-Carlson, Electronics Div.
Stromberg-Carlson, Electronics Div.
Stromberg-Carlson, Electronic Div.
Stromberg-Carlson, Electronic Co.
Waldom Electronics Inc.
Walter K. Jaros, Aircrafters
Keystone Electronics Corp.
Litton Industries, Components Div.
National Tel-Tronics Corp.
Alden Products Co.
Amatom Electronics Corp.
Alden Products Co.
Amatom Electronics Corp.
Alden Products Co.
Continental Connector Corp.
Altertonic Herthics Div.
Amatom Electronics Corp.
Dalmore Cor

#### TERMINAL BOARDS

Accurate Electronics Corp., Dept D
Aerolite Electronics Corp.
Alden Products Co.
Amatom Electronic Hardware Co. Inc.
Anchor Specially Mfg. Co. Inc.
Cal-Ohm Labs., Inc.
Cole-Hersee Co.
Continental Connector Corp.
Continental Diamond Fibre Corp., Sub.—The
Budd Co. Continental Diamond Fibre C Budd Co. Dalmore Corp. Electronic Techniques, Inc. Elm Mig. Co. Inc. Elm Mig. Co. Inc. Elm Group. Enflo Corp. Garde Mig. Co. General Components Inc. General Railway Signal Co. General Laboratorias Gunnar Laboratorias
Hobson Brothers, Inc.
Walter K. Jaros, Aircrafters

Jodee Plastics Co.
Howard B. Jones Div.-Cinch Mfg. Corp.
Kasar Mfg. & Distributing Co., Inc.
Keystone Electronics Corp.
Kulka Electric Corp.
Litton Industries, Components Div.
Methode Mfg. Corp.
Molding Corp. of America
National Tel-tronics Corp.
Olympic Plastics Co., Inc.
Republic Aviation Corp., Guided Missiles Div.
St. Regis Paper Co.
Silicone Insulation, Inc.
Star Engraving Co., Ltd.
Stromberg-Carlson, Electronics Div.
Superior Carbon Products, Inc.
Techniques, Inc.
Telectro Industries Corp.
Tingstol Co.
Tri-Dex Co.
Vector Electronic Co.

#### TERMINAL, STRIPS

TERMINAL, STRIPS

Accurate Electronics Corp., Dept. D

Aerolite Electronics Corp., Dept. D

Aerolite Electronics Corp., Dept. D

Aerolite Electronics Corp.

Amatom Electronic Hardware Co. Inc.

Automatic Electric Sales Corp.

Birnbach Radio Co., Inc.

Burndy Corp., Omaton Div.

Cal-Ohm Labs., Inc.,

Continental Connector Corp.

Electronic Techniques, Inc.,

Electro-Tech Equipment Co.

Elim Mfg. Co. Inc.,

Emerson Plastics Corp.

Emilo Corp.

Federal Screw Products Inc.

Garde Mfg. Co.

General Components Inc.

General Components Inc.

General Railway Signal Co.

Houst Sales Components Inc.

General Railway Signal Co.

General Railway Signal Co.

General Railway Signal Co.

General Railway Signal Co.

General Components Inc.

General Railway Signal Co.

General Components Div.

Houst Sales Components Div.

Houst Electric Corp.

Litton Industries, Components Div.

Maltonal Gel-Tonics Corp.

Olympic Plastics Co., Inc.

Silicone Insulation, Inc.

Sar Engraving Co., Ltd.

Sar Engraving Co., Ltd.

Sirombarg-Carlson, Electronics Div.

Tingstol Co.

Tit-Dex Components Inc.

Accurate Electronics Corp., Dept. D
Aerolite Electronics Corp., Dept. D
Aerolite Electronics Corp.,
Alden Products Co.
Amatom Electronic Hardware Co. Inc.
American Brass Co., The
Automotive & Aircraft Div.-American Chain &
Cable Co., Inc.
Birnbach Radio Co., Inc.
Brighton Tool & Die Co.
Continental Connector Corp.
Dejur-Amsco Corp.
Dejur-Amsco Corp.
Diamonite Products Mfg. Co.
Electrical Industries, Div.-Philips Electronics, Inc.
Enflo Corp.
Federal Screw Products Inc.
Fusite Corp.
Garde Mfg. Co.
General Cement Mfg. Co., Div.-Textron Inc.
General Cement Mfg. Co., Div.-Textron Inc.
General Components Inc.
Walter K. Jaco. Aircrafters
Joclin Mfg. Co., Aircrafters
Joch Marshall Associates, Inc.
Molding Corp. of America
National Tel-Tronics Corp.
Stromberg-Carlson, Electronics Div.
Waldom Electronics Inc.

Hermetically Sealed

## Hermetically Sealed

Ceramaseal, Inc. L. L. Constantin & Co. Continental Connector Corp. Corning Glass Works Diamonite Products Mfg. Co.

Electrical Industries, Div.-Philips Electronics, Inc.
Enflo Corp.
Fusite Corp.
Garde Mig. Co.
General Ceramics Corp.
Joclin Mig. Co.
Keystone Electronics Corp.
Lundy Associates Inc.
McCormick Selph Associates
Molding Corp. of America
Chester Morton Electronics Corp.
Strat-O-Seal Mig. Co.
Thermo Materials, Inc.
Vemaline Products Co.
Winchester Electronics, Inc.

#### Miniature & Subminiature -

Miniature & Subminiature Accurate Electronics Corp., Dept. D
Alden Products Co.
Amatom Electronic Hardware Co. Inc.
Cal-Ohm Labs., Inc.
Circon Component Corp.
Continental Connector Corp.
Diamonite Products Mfg. Co.
Electrical Industries, Div.-Philips Electronics, Inc.
Electronic Techniques, Inc.
Enflo Corp.
Garde Mfg. Co.
General Components Inc.
Goe Engrg. Co.
Jaclin Mfg. Co.
Keystone Electronics Corp.
Kulka Electric Corp.
Lundy Associates Inc.
Malco Tool & Mfg. Co.
Molding Corp. of America
North Electric Co.
Straf-O-Seal Mfg. Co.
Thermo Materials, Inc.
Vemaline Products Co.
Vinchester Electronics, Inc.

Kulka Electric Corp. John Marshall Associates, Inc.

#### Solderless

Amp Inc.
Amp Inc.
Amption Electronic Hardware Co. Inc.
Brighton Tool & Die Co.
Brighton Tool & Die Co.
Brighton Tool & Co.
Dejur-Amsco Corp.
Garde Mig. Co.
General Components Inc.
Hobson Brothers, Inc.
Kolton Electric Mig. Co.
Malco Tool & Mig. Co.
Waldom Electronics, Inc.
Winchester Electronics, Inc.

#### Standoff

Standoff

Aerolite Electronics Corp.
Alden Products Co.
Alden Products Co.
Alden Products Co.
Amalom Electronic Hardware Co. Inc.
Birnbach Radio Co., Inc.
Continental Connector Corp.
Continental Diamond Fibre
Budd Co.
Dejur-Amsco Corp.
Electronic Techniques, Inc.
Enflo Corp.
Fusite Corp.
Garde Mig. Co.
General Components Inc.
Goe Engry. Co.
Hallamore Electronics Co.
Hobson Brothers, Inc.
Isolantite Mfg. Corp.
Litton Industries, Components
Div.
Molding Corp. of America
Strat-O-Seal Mig. Co.
Tri-Point Plastics, Inc.
Winchester Electronics, Inc.
Winchester Electronics, Inc.

#### Wire and Cable

Wire and Cable

Aerolite Electronics Corp.
All American Aircraft Products, Inc.
Belden Mig. Co.
Benden Mig. Co.
Burndy Corp., Omaton Div.
Ceromaseal, Inc.
Cole-Hersee Co.
ESC Corp.
Electric Auto-Lite Co., The, Wire & Cable Div.
Freeman Co., The
Hallamore Electronics Co.
Hallett Mig. Co.
Joclin Mig. Co.
Kolton Electric Mig. Co.
Malco Tool & Mig. Co.
Polyphase Instrument Co.
Standard Electronics Div., Radio Engrg. Labs.,
Inc.
Inc.
Tensor Electric Development Co., Inc.
Victor Electric Wire & Cable Corp.
Waldom Electronics, Inc.

#### **TRANSFORMERS**

Acme Electric Corp. Acro Products Co. Advance Industries, Inc. Airdesign Corp. Airdesign Corp.
Airtron Inc.
Airdesign Corp.
Airtron Inc.
Alto Scientific Co., Inc.
Alto Scientific Co., Inc.
American Welding & Mig. Co., The
Bogue Electric Mig. Co.
Burroughs Corp.
Carad Corp.
Carad Corp.
Celco-Constantine Engrg. Laboratories Co.
Central Coil Co., Inc.
Central Transformer Co.
Chicago Standard Transformer Corp.
Coil Co. of American
Del Electronics Corp.
Dinion Coil Co. Inc.
Eigler Engrg. Co., Inc.
Eigler Engrg. Co., Inc.
Electro Engrg. Works
Electronic Transformer Co., Inc.
Epoc Products, Inc.
General Railway Signal Co.
Gostin Electric & Mig. Co.
Gostin Electric Co.
Halmanor Electronics Co.
Harmetic Seal Transformer Co., Div.—Southwestern Industrial Electronics
Hevi-Duty Electric Electronics
Hevi-Duty Electronics
Hevi-Duty Electronics
Horizon Froducts Co.
Magnetico. Inc.
Mara Electronics, Inc.
Mara Electronics, Inc.
Now York Transformer Co., Inc.
Orhor Filter Corp.
Orhor Filter Corp.
San Electronics Corp.
Olyphase Instrument Co.
Ram Electronics, Inc.
Ram Electronics, Inc.
Signal Transformer Corp.
Standard Electronics Div., Radio Engrg. Labs.,
Inc.
Signal Transformer Corp.
Superex Electronics Corp. Airfron, Inc. Aladdin Electronics, Div.—Aladdin Industries,

Standard Electronics Div., Radio Engrg. Labs., Inc.
Sterling Tranformer Corp.
Superex Electronics Corp.
Telectro Industries Corp.
Terminal Radio Corp.
Transonic, Inc.
Tresco, Inc.
Tried Tranformer Corp.
United Transformer Corp.
Varo Mfg. Co.
Vibration Research Labs., Inc.
Warren Transformer Co., Inc.
Warren Transformer Co., Inc.
Waren Electronic Corp., Sub.—Sperry Rand
Corp.

Acme Electric Corp.
Acro Products Co.
Advanced Electronics, Inc.
Bogue Electronic Mig. Co.
Carad Corp.
Celco-Constantine Engrg. Laboratories Co.
Central Coil Co., Inc.
Central Transformer Co.
Coil Co. of Anerica
Del Electronic Corp.
Dinion Coil Co. onc.
Electronic Del Electronic Co.
Dinion Coil Co. onc.
Electrical Wirdings Inc.
Electronic Transformer Co., Inc.
Electronic Transformer Co., Inc.
Electronic Transformer Co., Div.—Southwestern Industrial Electronics
Heyn-Duty Electric Co.
Highland Engra.
Highland Output

RS Electronics Corp.
Ram Electronics, Inc.
Ryan Aeronautical Co.
Sangamo Electric Co.

Saratoga Industries
Signal Transformer Co.
Southwestern Industrial Electronics Co.
Standard Electronics Div.-Radio Engrg. Labs.
Inc.
Standard Transformer Co.
Sterling Transformer Corp.
Telectro Industries Corp.
Telectro Industries Corp.
Tenson Electric Development Co., Inc.
Terminal Radio Corp.
Todd Products Co., Inc.
Transformers, Inc.
Transformer, Inc.
Transformer Corp.
United Transformer Corp.
United Transformer Corp.
Varo Mig. Co.
Wibration Research Labs., Inc.
Warren Transformer Co., Inc.
Wheeler Electronic Corp., Sub.—Sperry Rand
Corp.

#### Power

Power

Acme Electric Corp.
Acro Products Co.
Advance Industries, Inc.
Advanced Electronics, Inc.
Airdesign Corp.
Airtron, Inc.
Bogue Electric Mfg, Co.
Celco-Constantine Engrg, Laboratories Co.
Central Transformer Co.
Chicago Electronic Engrg, Co., Inc.
Chicago Standard Transformer Corp.
Coil Co. of America
Del Electronics Corp.
Dinion Coil Co., Inc.
ESC Corp.
Electrical Windings, Inc.
Electro Engrg, Works
General Electric Co., Apparatus Sales Div.
General Railway Signal Co.
Goslin Electric & Mfg, Co.
Green Rectifier Co.
Guided Missile Div.-De Havilland Aircraft of Canada, Ltd.
Hermetic Seal Transformer Co., Div.—Southwestern Industrial Electronics
Hevi-Duty Electric Co.
Highland Engrg, Co.
Hindle Transformer Co., Inc.
\*\*NTERELECTRONICS CORP.
Keystone Products Co.
Magnetico, Inc.
D. J. Monaghan Co., Inc.
Munston Mfg, & Service, Inc.
NYT Electronics, Inc.
New York Coil Co., Inc.
New York Transformer Co., Inc.
Osborne Electronic Sales Corp.
Polyphase Instrument Co.
Sangamo Electronic Soles Corp.
Ryan Aeronautical Co.
Sangamo Electric Co.
Sandard Electronics Div., Radio Engrg, Labs.,
Inc.
New Aeronautical Co.
Sandard Electronics Div., Radio Engrg, Labs.,
Inc.
Transformer Corp.
Superior Electric Corp.
Sindard Transformer Co.
Southwestern Industrial Electronics Co.
Sterling Transformer Corp.
Superior Electric Corp.
Tensor Electronic Soles Corp.
Tensor Electronic Sol

#### Precision Voltage Dividing

Acro Products Co.
Acromag Inc.
Airtron, Inc.
Carad Corp.
Celco-Constantine Engrg. Laboratories Co.
Central Transformer Co.
Coil Co. of America
Del Electronics Corp.
Electronic Transformer Co., Inc.
Epoc Products Inc.
General Precision Lab. Inc.
General Caradian Co.
Hornest Seal Transformer Co., Div.-Southwestern
Industrial Electronics
Hevi-Duy Electric Co.
Highland Engra Co.
\*\*NITERLECTRONICS CORP.
Keystone Products Co.
Magnetico, Inc. Acro Products Co.

J. J. Monaghan Co., Inc.
New York Transformer Co. Inc.
Osborne Electronic Sales Corp.
Polyphase Instrument Co.
Quick Charge Corp.
Ryan Aeronautical Co.
Saratoga Industries
Signal Transformer Co.
Southwestern Industrial Electronics Co.
Standard Electronics Div., Radio Engrg. Labs.
Inc. Standard Electronics Div., Radio Engrg. Labs.
Inc.,
Standard Transformer Co.,
Electro Industries Corp.
Terminal Radio Corp.
Transformers, Inc.
Transonic, Inc.
Transformer Corp.
United Transformer Corp.
Varo Mfg. Co.
Warren Transformer Corp., Inc.,
Wheeler Electronic Corp., Sub.—Sperry Rand
Corp.

#### Pulse

Pulse

Acme Electric Corp.
Advance Industries, Inc.
Airdesign Corp.
Airdron, Inc.
Aladdin Electronics, Div.-Aladdin Industries Inc.
Allad Electronics, Div.-Aladdin Industries Inc.
Allad Scientific Co., Inc.
Bendix Avviation Corp., York Div.
Burroughs Corp.
Carad Corp.
Carad Corp.
Chicago Standard Transformer Corp.
Digitronics Corp.
Digitronics Corp.
Digitronics Corp.
Electronic Transformer Co., Inc.
Esco Corp.
Electronic Transformer Co., Inc.
Esco Corp.
Electronic Transformer Co., Div.-Southwestern Industrial Electronics
Hevi-Duty Electric Co., Div.-Southwestern Industrial Electronics Inc.
J. J. Monaghan Co., Inc.
NYE Electronics, Inc.
NYE Electronics, Inc.
NYE Electronics, Inc.
Osborne Electronic Sales Corp.
Pearson Electronics
Polyphase Instrument Co.
Pulse Engra, Inc.
Ram Electronics Corp.
Ram Electronics Corp.
Ram Electronics Inc.
Ryan Aeronautical Co., Saratoga Industries
Signal Transformer Co.
Standard Electronics Div., Radio Engrg. Labs.
Inc.
Technitrol Engrg. Co.
Telectro Engrg. Co. Standard Electronics Div., Radio Engrg. Labs.
Inc.,
Technitrol Engrg. Co.,
Telectro Industries Corp.
Tensor Electric Development Co., Inc.
Terminal Radio Corp.
Transformers, Inc.
Transonic, Inc.
Tresco, Inc.
Triad Transformer Corp.
Varo Mfg. Co.
Warren Transformer Corp., Sub.—Sperry Rand
Corp.

#### R-f and I-f

Airtron, Inc.
Aladdin Electronics, Div.-Aladdin Industries Inc.
Carad Corp.
Epco Products Inc.
Fugle-Miller Labs Inc.
General Instrument Corp., Defense Products Div.
General R-F Fittings, Inc.
General R-F Fittings, Inc.
Goslin Electric & Mrg. Co.
Hermetic Seal Transformer Co., Div.-Southwestern
Industrial Electronics
Johnson Electronics Inc.
Keystone Products Co.
Lenkurt Electric Co., Inc.
J. W. Miller Co.
J. J. Monaghan Co., Inc.
NYT Electronics, Inc.
North Hills Electric Co.,
North Hills Electric Co.,
North Hills Electric Co.,
Redman Electronics Sales Corp.
RS Electronics Corp.
Ram Electronics Corp.
Ram Electronics Corp.
Ryan Aeronautical Co.
Signal Transformer Co.
Signal Transformer Co.
Signax Radio Products
Southwestern Industrial Electronics Corp.
Telectro Industries Corp.
Telectronical Corp.
Vanguard Electronics Co.

Varo Mfg. Co. Western Coil Products Co.

#### Ultrasonic

Acoustica Associates, Inc.
Central Transformer, Co.
Chicago Standard Transformer Corp.
Electronic Transformer Co., Inc.
Goslin Electric & Mfg. Co.
Hermetic Seal Transformer Co., Div.-Southwestern
Industrial Electronics
\*INTERELECTRONICS CORP.

Industrial Electronics

INTERLECTRONICS CORP.

McKenna Labs.

J. J. Monaghan Co., Inc.

NYT Electronics, Inc.

New York Transformer Co., Inc.

Osborne Electronic Sales Corp.

Polyphase Instrument Co.

Ryan Aeronautical Co.

Southwestern Industrial Electronics Co.

Sterling Transformer Corp.

Telectro Industries Corp.

Telectro Industries Corp.

Terminal Radio Corp.

Todd Products Co., Inc.

Transonic, Inc.

Transonic, Inc.

Transonic, Inc.

Transonic, Inc.

Warren Transformer Corp.

Var Mfg. Co.

Warren Transformer Corp.

Warren Transformer Co., Inc.

Wheeler Electronic Corp., Sub.—Sperry Rand

Corp.

#### TRANSISTOR, ANALYZERS

American Electronics, Inc. Baird-Atomic, Inc.
Barnes Development Co.
Consolidated Avionics Corp. Consolidated Avionics Corp.

Qubic Corp.

General Instrument Corp., Defense Products Div.

Haller Raymond & Brown Inc.

Kay Electric Co.

Owen Labs., Inc.

Ryan Aeronautical Co.

Sonex, Inc.

Telectro Industries Corp.

Terminal Radio Corp.

Terms Electronics, Inc.

Ultradyne, Inc.

#### TRANSISTORS

Bendix Aviation Corp., Red Bank Div.
Bogue Electric Mfg. Co.
Clevite Transistor Products, Div. Clevite Corp.,
General Instrument Corp., Defense Products Div.
\*INTERELECTRONICS CORP.
Minneapolis-Honeywell Regulator Co., Semiconductor Products Div.
Motorola Inc., Military Marketing Div.
Philico Corp., Government & Industrial Divs.
Philico Corp., Lansdale Tube Co. Div.
Terminal Radio Corp.

#### Germanium

Germanium

Bendix Aviation Corp., Red Bank Div.
Clevite Transistor Products, Div.-Clevite Corp.
General Instrument Corp., Defense Products Div.
Hughes Products, Hughes Aircraft Co., Semiconductor Div.
Minneapolis-Honewell Regulator Co., Semiconductor Products Div.
Motorola Inc., Military Marketing Div.
Motorola Semiconductor Products Div.
Philico Corp., Government & Industrial Divs.
Philico Corp., Lansdale Tube Co. Div.
Terminal Radio Corp.
Transitron Electronic Corp.
\*WESTINGHOUSE ELECTRIC CORP.

#### Germanium, Power

Bendix Aviation Corp., Red Bank Div. Clevite Transistor Products, Div.-Clevite Corp., General Instrument Corp., Defense Products Div. Minneapolis-Honeywell Regulator Co., Semiconductor Products Div. Motorola Inc., Military Marketing Div. Philico Corp., Government & Industrial Divs. Philico Corp., Lansdale Tube Co. Div. Terminal Radio Corp. \*\*WESTINGHOUSE ELECTRIC CORP.

#### Junction

Bendix Aviation Corp., Red Bank Div.
Clevite Transistor Products, Div.-Clevite Corp.,
General Instrument Corp., Defense Products Div.
Minneapolis-Honeywell Regulator Co., Semiconductor Products Div.
Motorola Inc., Military Marketing Div.
Philco Corp., Government & Industrial Divs.
Philco Corp., Lansdale Tube Co. Div.
Terminal Radio Corp.

Clevite Transistor Products, Div.-Clevite Corp. Terminal Radio Corp.

#### Point-Contact

General Instrument Corp., Defense Products Div. Philco Corp., Government & Industrial Divs. Terminal Radio Corp.

#### Power

Bogue Electric Mfg. Co.
Clevite Transistor Products, Div.—Clevite Corp.
General Instrument Corp., Defense Products Div.
Minneapolis-Honeywell Regulator Co., Semiconductor Products Div.
Motorola, Inc., Military Marketing Div.
Motorola Semi-conductor Products Div.
Philico Corp., Government & Industrial Divs.
Philico Corp., Lansdale Tube Co., Div.
Terminal Radio Corp.

#### Selenium

General Instrument Corp., Defense Products Div.
Terminal Radio Corp.
\*WESTINGHOUSE ELECTRIC CORP.

#### Silicon

Bogue Electric Mfg. Co. General Instrument Corp., Defense Products Div. Hughes Products, Hughes Aircraft Co., Semi-Hughes Products, Hughes Aircraft Co., Semi-conductor Div.

Motorola, Inc., Military Marketing Div.
Philico Corp., Government & Industrial Divs.
Philico Corp., Lansdale Tube Co. Div.
Terminal Radio Corp.
Transitron Electronic Corp.
\*WESTINGHOUSE ELECTRIC CORP.

#### Silicon, Power

Bogue Electric Mfg. Co.
General Instrument Corp., Defense Products Div.
Motorola, Inc., Military Marketing Div.
Philco Corp. Government & Industrial Divs.
Terminal Radio Corp.
\*WESTINGHOUSE ELECTRIC CORP.

#### Surface Barrier

Philoo Corp., Government & Industrial Divs. Philoo Corp., Lansdale Tube Co. Div. Terminal Radio Corp.

#### Switching

Clevite Transistor Products, Div.—Clevite Corp. Helipot Corp.
\*INTERELECTRONICS CORP. INTERELECTRONICS CORP.
Minneapolis-Honeywell Regulator Co., Semiconductor Products Div.
Motorola Semiconductor Products Div.
Philico Corp., Government & Industrial Divs.
Philico Corp., Lansdale Tube Co. Div.
Terminal Radio Corp.,
Transitron Electronic Corp.

#### Tetrode

Minneapolis-Honeywell Regulator Co., Semi-conductor Products Div. Terminal Radio Corp.

#### TRANSMITTERS

Acoustica Associates, Inc.
Adder Electronics, Inc.
Advance Industries, Inc.
American Printed Circuits Co., Inc.
Alfred W. Barber Labs.
J. H. Bunnell & Co.
Collins Radio Co.
Communications Co.
Du Kane Corp.
Electronic Communications, Inc.
General Instrument Corp., Defense Products Div.
General Railway Signal Co.
Hazeltine Electronics Div.—Hazeltine Corp.
E. F. Johnson Co.
Kaiser Aircraft & Electronics Div.—Kaiser Industries Corp.
Manson Laboratories, Inc.
Motorola, Inc., Military Marketing Div.
Munston Mfg. & Service, Inc.
National Electronics Laboratories, Inc.
Raiph M. Parsons Co., The Electronics Div.
\*\*RADIATION, INC.
Radio Corporation of America, Defense Electronics Products
Reeves Instrument Corp.
Republic Aviation Corp., Guided Missiles Div.
Ressearch & ADVANCED DEVELOPMENT DIV.,
AVCO MFG. CORP.
Ryan Aeronautical Co.
Sarkes Tarzian, Inc.
Skiatron Electronics & Television Corp.

Standard Electronics Div., Radio Engrg. Labs., Inc.
Stewart-Warner Corp.
Stewart-Warner Corp.
Sylvania Electronic Systems, Div.—Sylvania
Electric Products, Inc.
Electrone Mfg. Corp.
Telectro Industries Corp.
Terminal Radio Corp.
United Electrodynamics, Div.—United Geophysical Corp.
Varo Mfg. Co.

Varo Mfg. Co. \*WESTINGHOUSE ELECTRIC CORP. Wilcox Electric Co., Inc. Winder Aircraft Corp. of Fla. Wunderlich Radio Co.

#### TUBE

Beaton & Corbin Mfg. Co., The Enflo Corp. Sylvania Electric Products, Inc., Parts Div. Terminal Radio Corp.

#### Cooling Units

Collins Radio Co. Collins Radio Co.
Dunham-Bush, Inc.
General Cable Corp.
Ryan Aeronautical Co.
Terminal Radio Corp.
\*UNITED AIRCRAFT PRODUCTS, INC.

#### Pin Straighteners

Hickok Electrical Instrument Co., The Terminal Radio Corp.

#### Pullers

Terminal Radio Corp.

#### Seal Leads

Sylvania Electric Products, Inc., Parts Div. Terminal Radio Corp.

#### Shields

American Brass Co., The Atlas E-E Corp. Beaton & Corbin Mfg. Co., The Connector Corp. Connector Corp.
Elco Corp.
Gasket, Packing & Specialty Co., Inc.
General Cable Corp.
Magnetic Shield Div.—Perfection Mica Co.
Sylvania Electric Products, Inc., Parts Div.
Terminal, Radio Corp.
Vector Electronic Co.
Waldom Electronics, Inc.

#### Sockets

Alden Products Co. American Brass Co., The Connector Corp. Eitel-McCullough, Inc. Eitel-McCullougn, Inc.
Elco Corp.
Enflo Corp.
Enflo Corp.
Livingston Electronic Corp.
Mycalex Corp. of America
Sylvania Electric Products, Inc., Parts Div.
Terminal Radio Corp.
Vector Electronic Co.
Waldom Electronics, Inc.

Burroughs Corp.
Farnsworth Electronics Co., Div.-Int'l Telephone
& Telegraph Corp.
Minneapolis-Honeywell Regulator Co., Ordnance Div.
Terminal Radio Corp.
United Electronics Co.

#### Atr

Bomac Laboratories, Inc. Nuclear Corp. of America, Inc. Terminal Radio Corp.

#### Backward Wave

Bendix Aviation Corp., Red Bank Div. Geisler Labs. Huggins Labs., Inc. Nuclear Corp. of America, Inc. Polarad Electronics Corp. Terminal Radio Corp. Wave Particle Corp.

#### Ballast

Nuclear Corp. of America, Inc. Philoo Corp., Lansdale Tube Co. Div. Terminal Radio Corp.

#### Battery Charger

Christie Electric Corp. Gordos Corp. Hammett Electric Co. Terminal Radio Corp.

#### Balometer

Microwave Electronics Div., Sperry Gyroscope Co. Terminal Radio Corp.

#### Cathode Ray

Cathode Ray

Edgerton, Germeshausen & Grier, Inc.
Farnsworth Electronics Co., Div.-Int'l Telephone
& Telegraph Corp.
Ferranti Electric Inc.
Kaiser Aircraft & Electronics Div.-Kaiser Industries Corp.
National Union Electric Corp.
Philoc Corp., Government & Industrial Divs.
Philoc Corp., Lansdale Tube Co. Div.
Skiatron Electronics & Television Corp.
Terminal Radio Corp.
Yacuum Tube Products Co. Inc.
\*WESTINGHOUSE ELECTRIC CORP.

American Lava Corp.
Bendix Aviation Corp., Red Bank Div.
Edgerton, Germeshausen & Grier, Inc.
Electrical Refractories Co., The
Geisler Labs.
Isolantite Mfg. Corp.
Polarad Electronics Corp.
Skiatron Electronics & Television Corp.
Terminal Radio Corp.
United Electronics Co.
Wave Particle Corp.

#### Computer, Storage

Farnsworth Electronics Co., Div.-Int'l Telephone & Telegraph Corp. National Union Electric Corp. Skiatron Electronics & Television Corp. Terminal Radio Corp.

#### Counter Beam

Burrougs Corp.
Burroughs Corp., Electronic Tube Div.
Nuclear Corp. of America, Inc.
Skiatron Electronics & Television Corp.
Terminal Radio Corp.

#### Electrometer

Ferranti Electric Inc. Nuclear Corp. of America, Inc. Terminal Radio Corp.

#### Electron Multiplier

Farnsworth Electronics Co., Div.-Int'l Telephone & Telegraph Corp. National Union Electric Corp. Terminal Radio Corp.

#### Gamma Ray, Nuclear

Anton Electronic Labs., Inc. Nuclear Corp. of America, Inc. Radiation Counter Labs., Inc. Terminal Radio Corp.

#### Glow or Discharge

Amglo Corp.
Anton Electronic Labs., Inc.
Baird-Atomic, Bectric Inc.
Gordos Corp.
Kemlite Laboratories, Inc.
National Union Electric Corp.
Nuclear Corp. of America, Inc.
Philco Corp., Lansdale Tube Co. Div.
Signalite Inc. Signalite Inc. Terminal Radio Corp. Veeco Vacuum Corp.

#### lanitron

Beaton & Corbin Mfg. Co., The Hammett Electric Co. Terminal Radio Corp. \*WESTINGHOUSE ELECTRIC CORP.

#### Infrared

Farnsworth Electronics Co., Div.-Int'l Telephone & Telegraph Corp. Infrared Industries Inc. Kemlite Laboratories, Inc. Minneapolis-Honeywell Regulator Co., Ordnance Div. Philo Corp., Government & Industrial Divs. Terminal Radio Corp.

#### Ionization

Amglo Corp.
Central Electronic Mfgrs., Inc.
Green Rectifier Co.
NRC Equipment Corp.
Nuclear Corp. of America, Inc.
Terminal Ratio Corp.
Vacuum Tube Products Co. Inc.
Vecco Vacuum Tube Products Co. Inc.

#### Klystron

Bendix Aviation Corp., Red Bank Div.
Bomac Laboratories, Inc.
Demornay-Bonardi
Eitel-McCullough, Inc.
Ferranti Electric Inc.
Geisler Labs.
Hammert Electric Co.
Polarad Electronics Corp.
Ryan Aeronautical Co.
Terminal Radio Corp.

#### Magnetron

Bomac Laboratories, Inc.
Demornay-Bonardi
Ferranti Electric Inc.
Geisler Labs.
Polarad Electronics Corp.
Terminal Radio Corp.
\*WESTINGHOUSE ELECTRIC CORP.

#### Miniature

Bendix Aviation Corp., Red Bank Div. National Union Electric Corp. Philico Corp., Government & Industrial Divs. Philco Corp., Lansdale Tube Co. Div. Jerminal Radio Corp.

#### Noise Source

Bendix Aviation Corp., Red Bank Div.
Bomac Laboratories, Inc.
Burroughs Corp.
Burroughs Corp., Electronic Tube Div.
Central Electronic Migrs., Inc.
Ferranti Electronic Migrs., Inc.
Geisler Labs.
Nuclear Corp. of America, Inc.
Philco Corp., Lansdale Tube Co. Div.
Terminal Radio Corp.

#### Phototubes

Central Electronic Mfgrs., Inc.
Edgerton, Germeshausen & Grier, Inc.
Electron-Radar Products
Farnsworth Electronics Co., Div.-Int'l Telephone
& Telegraph Corp.
Gordos Corp.
Nuclear Corp. of America, Inc.
Terminal Radio Corp.

#### Phototubes, Multiplier

Farnsworth Electronics Co., Div.-Int'l Telephone & Telegraph Corp. Terminal Radio Corp.

#### Pirani

Green Rectifier Co. NRC Equipment Corp. Terminal Radio Corp. Vacuum Tube Products Co. Inc. Veeco Vacuum Corp.

#### Power Amplifier

Bendix Aviation Corp., Red Bank Div.
Central Electronic Mfgrs., Inc.
Eitel-McCullough, Inc.
Hammetr Electric Co.
Nuclear Corp. of America, Inc.
Penta Labs, Inc.
Philtos Corp., Government & Industrial Divs.
Terminal Radio Corp.
United Electronics Co.
\*WESTINGHOUSE ELECTRIC CORP.

#### Receiving

Bendix Aviation Corp., Red Bank Div.
Eitel-McCullough, Inc.
National Union Electric Corp.
Philico Corp., Government & Industrial Divs.
Philico Corp., Lensdale Tube Co. Div.
Terminal Radio Corp.
\*WESTINGHOUSE ELECTRIC CORP.

#### Rectifying, Gas Filled Type

Central Electronic Mfgrs., Inc. Edgerton, Germeshausen & Grier, Inc. Eitel-McCullough, Inc. Eitel-McCullough, Inc.
Gordos Corp.
Hammett Electric Co.
Philico Corp., Lansdale Tube Co. Div.
Terminal Radio Corp.
United Electronics Co.
Vacuum Tube Products Co, Inc.
\*WESTINGHOUSE ELECTRIC CORP.

#### Rectifying, Transmitting

Central Electronic Migrs., Inc.
Eitel-McCullough, Inc.
Hammert Electric Co,
National Union Electric Corp.
Nuclear Corp. of America, Inc.
Terminal Radio Corp.
United Electronics Co,
Vaccuum Tube Products Co. Inc.
Vaccuum Tube Products Co. Inc.

#### Rectifying, Vacuum Type

Centryling, Yacuum 1 ype
Central Electronic Mfgrs., Inc.
Eitel-McCullough, Inc.
Hammett Electric Co.
National Union Electric Corp.
Nuclear Corp. of America, Inc.
Philco Corp., Lansdale Tube Co. Div.
Terminal Radio Corp.
United Electronics Co.
Yacuum Tube Products Co. Inc.
\*WESTINGHOUSE ELECTRIC CORP.

#### Scintillation

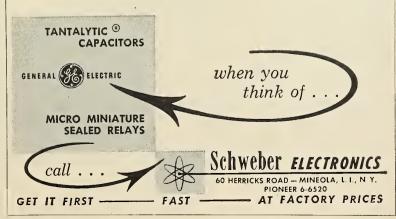
Farnsworth Electronics Co., Div.-Int'J Telephone & Telegraph Corp. Radiation Counter Labs., Inc. Terminal Radio Corp.

#### Scintillation, Nuclear

Radiation Counter Labs., Inc. Terminal Radio Corp. \*WESTINGHOUSE ELECTRIC CORP.

#### Sparkgap

Bendix Aviation Corp., Red Bank Div. Bomac Laboratories, Inc. Edgerton, Germeshausen & Grier, Inc. Graflex, Inc.



Kemlite Laboratories, Inc. Terminal Radio Corp.

#### Strobe

Amglo Corp. Edgerton, Germeshausen & Grier, Inc. Kemlite Laboratories, Inc. Terminal Radio Corp.

#### Subminiature

Bendix Aviation Corp., Red Bank Div. Philco Corp., Government & Industrial Divs. Philco Corp., Lansdale Tube Co. Div. Terminal Radio Corp.

#### Switching

Bendix Aviation Corp., Red Bank Div.
Burroughs Corp.
Burroughs Corp., Electronic Tube Div.
Edgerton, Germeshausen & Grier, Inc.
Eitel-McCullough, Inc.
National Union Electric Corp.
Nuclear Corp. of America, Inc.
Philco Corp., Government & Industrial Divs.
Terminal Radio Corp.
Vacuum Tube Products Co. Inc.

#### Thyratron

Edgerton, Germeshausen & Grier, Inc.
Eitel-McCullough, Inc.
Hammett Electric Co.
Penta Labs, Inc.
Philico Corp., Government & Industrial Divs.
Philico Corp., Lansdale Tube Co. Div.
Terminal Radio Corp.
United Electronics Co.
Vacuum Tube Products Co. Inc.

Bomac Laboratories, Inc. Central Electronic Mfgrs., Inc. Ferranti Electric Inc. Nuclear Corp. of America, Inc. Terminal Radio Corp.

#### Transducer

Acoustica Associates, Inc. Crescent Engrg. & Research Co. Polyphase Instrument Co. Terminal Radio Corp.

#### Transmitting

Acoustica Associates, Inc.
Central Electronic Mfgrs., Inc.
Eitel-McCullough, Inc.
Nuclear Corp. of America, Inc.
Ryan Aeronautical Co.
Terminal Radio Corp.
United Electronics Co. \*WESTINGHOUSE ELECTRIC CORP.

#### Transmitting-Receiving

Bomac Laboratories, Inc.
Terminal Radio Corp.
United Electronics Co.
\*WESTINGHOUSE ELECTRIC CORP.

#### Traveling Wave

Faveling vave

Bendix Aviation Corp., Red Bank Div.

Bomac Laboratories, Inc.

Demornay-Bonardi

Edgerton, Germeshausen & Grier, Inc.

Eitel-McCullough, Inc.

Geisler Labs.

Huggins Labs., Inc.

Marconi Instruments

Terminal Radio Corp.

United Electronics Co.

#### Ultra-Violet

Central Electronic Mfgrs., Inc. Gordos Corp.
Kemlite Laboratories, Inc.
Nuclear Corp. of America, Inc.
Terminal Radio Corp.

#### Vacuum

Bendix Aviation Corp., Red Bank Div. Burroughs Corp., Electronic Tube Div. Eitel-McCullough, Inc. National Union Electric Corp. Penta Labs, Inc.

Philco Corp., Government & Industrial Divs.
Terminal Radio Corp.
United Electronics Co.
Vacuum Tube Products Co. Inc.
\*WESTINGHOUSE ELECTRIC CORP.

## Voltage Reference or Regulating

Anton Electronic Labs., Inc.
National Union Electric Corp.
Philico Corp., Government & Industrial Divs.
Philico Corp., Lansdale Tube Co. Div.
Signalite Inc.
Superior Electric Co., The
Terminal Radio Corp.

#### X-ray

Bracke-Seib X-Ray Co., Inc.
Ferranti Electric Inc.
Instruments Div.-Philips Electronics, Inc.
Terminal Radio Corp.
\*WESTINGHOUSE ELECTRIC CORP.

#### TUBING. WAVEGUIDE

TUBING, WAVEGUIDE

Airtron, Inc.
Allied Research & Engrg., Div.—Allied Record
Mig. Co.
American Brass Co., The

\*AMERICAN MACHINE & FOUNDRY CO.
Central Electronic Migrs., Inc.
Chase Brass & Copper Co., Inc.
Co-Operative Industries, Inc.
Defiance Engrg. & Microwave Corp.
Demornay-Bonardi
Engelhard Industries, Inc., D. E. Makepeace Div.
Goodyear Aircraft Corp.
J-V-M Microwave Co.
Metals & Controls Corp.
Microwave Development Labs., Inc.
Nuclear Corp. of America, Inc.
Superior Tube Co.
Technical Oil Tool Corp.
\*\*TELERAD MFG. CORP.
Terminal Radio Corp.
Tube Methods, Inc.
Wacline, Inc.
Waveguide, Inc.

#### **TUNERS**

Airtron, Inc.
Bogart Mfg. Corp.
Diamond Antenna & Microwave Corp.
Electronic Communications, Inc.
General Instrument Corp., Defense Products Div.
Terminal Radio Corp.

#### Automatic

Electronic Communications, Inc.
General Instrument Corp., Defense Products Div.
Polarad Electronics Corp.
Telectro Industries Corp.
Wilcox Electric Co., Inc.

#### F-m & A-m

General Instrument Corp., Defense Products Div. J. W. Miller Co.
Philos Corp., Government & Industrial Divs.
Polarad Electronics Corp.
Telectro Industries Corp.
Terminal Radio Corp.

#### Klystron

#### Microwave

Aircom, Inc.
Airton, Inc.
Airton, Inc.
Bendix Aviation Corp., York Div.
Bogart Mig. Corp.
Demornay-Bonardi
Diamond Antenna & Microwave Corp.
Electronic Communications, Inc.
Empire Products Sales Corp.
Engelhard Industries, Inc., D. E. Makepeace Div.
General Instrument Corp., Defense Products Div.

John Gombos Co., Inc.
J.Y-M Microwave Co.
Microlab Microwave Electronics Div., Sperry Gyroscope
Co.
Co.
Electronics Corp. Polarad Electronics Corp. Prodelin, Inc.
Radar Design Corp.
Ryan Aeronautical Co.
Technical Oil Tool Corp.
Telectro Industries Corp.
TELERAD MFG, CORP.
Terminal Radio Corp.
Uniwave, Inc.
Weinschel Engrg.

#### Permeability

General Instrument Corp., Defense Products Div. Telectro Industries Corp. Terminal Radio Corp.

#### Uhf

Bendix Aviation Corp., York Div. Electronic Communications, Inc. General Instrument Corp., Defense Products Div. J.Y-M, Microwave Co. J.V.M. Microwave Co. Microlab Philco Corp., Government & Industrial Divs. Polarad Electronics Corp. Polarad Electronics Corp.
Prodelin, Inc.
Radar Design Corp.
Technical Oil Tool Corp.
Telectro Industries Corp.
Terminal Radio Corp.
Weinschel Engrg.

#### TUNING DEVICES

FUNING DEVICES

Bendix Aviation Corp., York Div.
Canaga Corp. of California
Empire Products Sales Corp.
General Instrument Corp., Defense Products Div.
General Railway Signal Co.
P. R. Mallory & Co., Inc.
Ryan Aeronautical Co.
Technical Appliance Corp.
Technical Oil Tool Corp.
Telecto Industries Corp.
Terminal Radio Corp.
Uniwave, Inc.
Wilcox Electric Co., Inc.

#### TUNING UNITS, ANTENNA

Airtron, Inc.
Canoga Corp. of California
\*DALMO VICTOR CO., DIV.—TEXTRON, INC.
General Instrument Corp., Defense Products Div.
Microwave Electronics Div., Sperry Gyroscope Co.
Prodelin, Inc.
Ryan Aeronautical Co.
Technical Appliance Corp.
Technical Oil Tool Corp.
Telectro Industries Corp.
Terminal Radio Corp.
Wilcox Electric Co., Inc.

#### VIBRATION CONTROLS

Barry Controls, Inc.
Columbia Research Labs.
Consolidated Electrodynamics Corp.
Federal Shock Mount Div.—The Korfund Co.
Finn Aeronautical Div., T. R. Finn & Co., Inc.
#HOUDAILLE INDUSTRIES, INC., BUFFALO HYDRAULICS DIV.
Walter Kidde & Co., Inc., Aviation Div.
Massa Labs., Inc.
Robinson Aviation, Inc.
Ryan Aeronautical Co.
Terminal Radio Corp.

#### WINDINGS, TRANSFORMER

WINDINGS, TRANSFORMER

Advance Industries, Inc.
Advanced Electronics, Inc.
Airtron, Inc.
Associated Valve Co.
ESC Corp.
Ferranti Electric, Inc.
General Railway Signal Co.
Goslin Electric & Mfg, Co.
Green Rectifier Co.
Johnson Electronics, Inc.
Modelectric Products Corp.
J. J. Monaghan Co., Inc.
Multi-Amp Corp.
Multi-Amp Corp.
Munton Mfg, & Service, Inc.
National Coil Co.
Saratoga Industries
Southwestern Industrial Electronics Co.
Terminal Radio Corp.
Varo Mfg. Co.

# CHECKOUT EQUIPMENT

This equipment determines prior to launching whether all portions of the missile will or will not perform as intended. It is used to check out warhead, guidance, control and propulsion systems.







#### TYPE A\* Semi-enclosed

unusual number of basic design types . . . various terminal arrangements and mounting provisions . . . different temperature ranges and performance characteristics. In addition, Stemco thermostats feature small cubage, light weight and proven reliability—at a production price.

> So get the Stemco story first. Write, call or wire now while your product is in the planning stage.

> > \*Refer to Guide 400 EO for U.L. and C. S. A. opproved ratings.



TYPE C Hermetically sealed

Electrically identical to semi-enclosed Type C but sealed in crystol can. Also



TYPE M\*



#### TYPE A

#### Hermetically sealed

Electrically identical ta semi-enclosed Type A. Tem-peratures from —10° to



#### Semi-enclosed



manufacturing company, inc.

> Lexington and Mansfield, Ohio

**THERMOSTATS** 



#### TYPE M

#### Hermetically sea

# CHECKOUT EQUIPMENT

#### **ACCELEROMETERS**

America Car & Foundry Div., ACF Industries, America Car & Foundry Div., ACF Industries, Inc., American Electronics, Inc., Data-Tronics Div. Arma Div.—American Bosch Arma Corp. Autotron, Inc. B & F Instruments, Inc. Bergen Labs. Brush Instruments, Div.—Clevite Corp. Cadillac Gage Co. Chesapeake Instrument Corp. Clark Electronic Laboratories Columbia Research Labs. Computer Instruments Corp. Joe Davidson & Associates Eclipse-Pioneer Div., Bendix Aviation Corp. Edcliff Instruments Elgin Micronics, West Coast Div.—Elgin National Watch Co. Endevo Corp.

Watch Co. Endevo Corp.
Enic, Inc.
Endevo Corp.
Epic, Inc.
Enichid Controls Corp., Components Div.
\*GARRETT CORP., THE, AIRESEARCH MFG. DIVS.
General Electric Co., Apparatus Sales Div.
Gray Mfg. Co., The
Greenleaf Mfg. Co., The. Div.—Mandrel Industries, Inc.
Hamilton Watch Co., Military Products Div.
Humphrey Inc.
Kearlott Co., Inc.
\*WALLAGE O. LEONARD, INC.
Massa Labs., Inc.
Miljan Div., Paul Omohundro Co.
Minneapolis-Honeywell Regulator Co., Aeronautical Div.
Minneapolis-Honeywell Regulator Co., Boston
Div.
Northam Electronics, Inc.
Pacific Scientific Co.
Pickering & Co., Inc.
Reeves Instrument Corp.
Sanders Associates, Inc.
Enevers Instrument Corp.
Sanders Associates, Inc.
Thieblot Aviation Co., Div.—Vitro Corp. of
America
Ultradyne, Inc.
Warren Mfg. Div., Warren Brothers Roads Co.

#### ADAPTERS, LAMP SOCKET

Kulka Electric Corp. Frank W. Morse Co.

#### ADAPTERS, PHASE

Phaostron Instrument & Electronic Co. Varo Mfg. Co.

#### ALARM SYSTEMS

\*ALARM STSTEMS

\*AVCO MFG. CORP., CROSLEY DIV.
Bendix Aviation Corp., York Div.
Devoc Engra, Inc.
Thomas A. Edison Ind., Instrument Div.—McGrawEdison Co.
Femwal, Inc.
Fischer & Porter Co.
Food Machinery & Chemical Corp., Ordnance
Div.
Hallamore Electronics Co.
\*KAHN & CO., INC.
Star Engraving Co., Ltd.
Thompson-Ramo-Wooldridge Products Co., The
Tucsson Instrument Corp.
Wickes Engrg. & Construction Co., Inc.

#### ALARMS, AUTO

Bendix Aviation Corp., York Div.
Devoo Engrg., Inc.
Electric Auto-Lite Co., The
Hallamore Electronics Co.,
Telectro Industries Corp.
Thompson-Ramo-Wooldridge Products Co., The

#### AMMETERS

Assembly Products, Inc. Electric Auto-Lite Co., The

Electric Design & Mfg. Co.
Electro-Tech Equipment Co.
General Electric Co., Apparatus Sales Div.
Hammett Electric Co.
Helipot Corp.
Hickok Electrical Instrument Co., The
Gerard G. Leeds Co., Inc.
\*\*ROCHESTER MFG. CO. INC.
Simpson Electric Corp.
Wacline, Inc.
\*\*WESTINGHOUSE ELECTRIC CORP.

#### **AMPLIFIERS**

AMPLIFIERS

Acro Products Co.
Airborne Accessories Corp.
Allegany Instrument Co., Inc.
Allegany Instrument Co., Inc.
Allegany Instrument Co., Inc.
American Research & Mfg. Corp.
Atlantic Research Corp.
Brush Instruments, Div.—Clevite Corp.
Cedar Engrg. Div.—Control Data Corp.
Consolidated Avionics Corp.
Consolidated Avionics Corp.
Consolidated Avionics Corp.
Brush Instruments, Div.—Control Data Corp.
Consolidated Avionics Corp.
Consolidated Avionics Corp.
COOPER DEVELOPMENT CORP.
Daven Co., The
Dunlap Electronics, Inc.
"GARRETT CORP. THE, AIRESEARCH MFG. DIVS.
Heiland Div.—Minneapolis-Honeywell
\*INIERELECTRONICS CORP.
International Research Associates
Lane Electronics Mfg. Corp.
Gerard G. Leeds Co., Inc.
L E L, Inc.
Mid-Century Instrumatic Corp.
Owen Labs., Inc.
Philico Corp., Government & Industrial Divs.
Reeves Instrument Corp.
Neronautical Co.
Servomechanisms, Inc.
Skiatron Electronics & Television Corp.
Southwestern Industrial Electronics Co.
Telectro Industries Corp.
United Control Corp.
Wilcox Electric Co., Inc.
Winder Aircraft Corp. of Fla.

Audio Subminiature

#### Audio Subminiature

Anelco, Inc.

\*\*PATA-CONTROL SYSTEMS, INC.
Daven Co., The
Du Kane Corp.
Dunlap Electronics, Inc.
Electronic Instrumentation Co., Div.—RamoWooldridge Corp.
Elgin Micronics, West Coast Div.—Elgin National
Watch Co.
Gray Mfg. Co., The
Hallamore Electronics Co.
Haller Raymond & Brown, Inc.
\*\*INTERELECTRONICS CORP.
International Research Asociates
Kay Electric Co.
La Pointe Industries, Inc.,
M F Electronics Cop.
La Pointe Industries, Inc.,
M F Electronics Cop.
Roflan Co., The
Philco Corp., Government & Industrial Divs.
Polared Electronics Corp.
Roflan Co., The
Ryen Aeronautical Co.
Herman Hosmer Scott, Inc.
Skiatron Electronics & Television Corp.
Southwestern Industrial Electronics Co.
Stromberg-Carlson, Electronics Div.
Telectro Industries Corp.
Varo Mfg. Co.
Walkirt Co.
Westbury Electronics, Inc.
Western Electronics, Inc.

\*\*Rooster\*\*

#### Booster

Adler Electronics, Inc.
Amelco, Inc.
Daven Co., The
Du Kane Corp.
Electronic Instrumentation Co., Div.—RamoWooldridge Corp.

Haller Raymond & Brown, Inc. International Research Associates Minneapolis-Honeywell Regulator Co., Boston Minneapolis-Honeywen Doy.
Div.
George A. Philbrick Researches, Inc.
Philco Corp., Government & Industrial Divs\_
Reeves Instrument Corp.
Skiatron Electronics & Television Corp\_
Telectro Industries Corp.
Western Electro-Acoustic Lab.,
Winder Aircraft Corp. of Fla.

#### Cathode Followers

Allegany Instrument Co., Inc.
Amelco, Inc.
Bendix Aviation Corp., York Div.
Columbia Research Labs.,
\*COOPER DEVELOPMENT CORP.
\*DATA-CONTROL SYSTEMS, INC.
Daves Co. The DATA-CONTROL SYSTEMS, INC.
Daven Co., The
Dunlap Electronics, Inc.
Electronic Associates, Inc.
Electronic Associates, Inc.
Elgin Micronics, West Coast Div.—Elgin National'
Watch Co.
Haller Raymond & Brown, Inc.
International Research Associates
Keithley Instruments, Inc.
Orbitran Co., Inc.
Philco Corp., Government & Industrial Divs.
Polarad Electronics Corp.
Reeves Instrument Corp.
Reeves Instrument Corp.
Resdel Engra. Corp
Herman Hosmer Scott, Inc.
Skiatron Electronics & Television Corp.
Southwestern Industrial Electronics Co.
Telectro Industries Corp.
Western Electro-Acoustic Lab.

#### Data Recording

Advance Industries, Inc. Amelco, Inc. American Electronics, Inc. Baird-Atomic, Inc. Brush Instruments, Div.—Clevite Corp. Centronic Inc. Brush Instruments, Div.—Clevite Corp.
Centronix, Inc.
Consolidated Avionics Corp.
Consolidated Electrodynamics Corp.
\*\*NATA-CONIROL SYSTEMS, INC.
Daytronic Corp.
Electronic Instrumentation Co., Div.—Ramo—Wooldridge Corp.
Hallamore Electronics Co.
Haller Raymond & Brown, Inc.
Heriland Div.—Minneapolis-Honeywell
\*\*NTERLECTRONICS CORP.
Kin Tel Div.—Cohu Electronics, Inc.
Magnasync Mfg. Co., Ltd.
Minneapolis-Honeywell Regulator Co., Industr.
Div. Div.
Moran Instrument Corp.
Pholico Corp., Government & Industrial Divs.
Photon Instrument Co.
Reeyes Instrument Corp. Sanborn Corp.
Skiatron Electronics & Television Corp.
Skiatron Electronics & Television Corp.
Southwestern Industrial Electronics Co.
Telectro Industries Corp.
Western Electro-Acoustic Lab.
Winder Aircraft Corp. of Fla.

#### Decade, Audio

Acton Laboratories, Inc. Acton Laboratories, inc.
Amelco, Inc.
Ballantine Labs., Inc.
Daven Co., The
Dunlap Electronics, Inc.
Haller Raymond & Brown, Inc.
\*INTERELECTRONICS CORP. NTERELECTRONICS CORP.

Owen Labs., Inc.
Philico Corp., Government & Industrial Divs.
Herman Hosmer Scott, Inc.
Southewestern Industrial Electronics Co.
Telectro Industries Corp.
Westbury Electronics Inc.
Western Electro-Acoustic Lab.
Winder Aircraft Corp. of Fla.

PHOTO ON CHECKOUT EQUIPMENT DIVIDER PAGE: Elaborate test equipment is required to check out inertial guidance systems before shipment to the customer. This picture is of AC Spark Plug's Division of GM in Milwaukee.

## . . . checkout

#### Differential

Allegany Instrument Co., Inc.
American Research & Mfg. Corp.
Atlantic Research Corp.
Consolidated Avionics Corp.
Consolidated Electrodynamics Corp.
PDATA-CONTROL SYSTEMS INC.
Daven Co., The
Du Kane Corp.
Electro Instruments, Inc.
Electronic Associates, Inc.
Electronic Instrumentation Co., Div.—Ramo-Wooldidge Corp.
Epsco Inc.

Electronic Instrumentation Co., Div. Reinford dridge Corp.
Epsco Inc.
Hallamore Electronics Co.
Hallamore Electronics Corp.
Kin Tel Div.-Cohu Electronics, Inc.
Lumen, Inc.
Mid-Century Instrumatic Corp.
Offiner Electronics Inc.
Philico Corp., Government & Industrial Divs.
Process & Instrument Corp.
Resdel Engrg. Corp.
Sanborn Co.
Skiatron Electronics & Television Corp.
Southwestern Industrial Electronics Co.
Telectro Industrial Electronics Co.
Telectronics, Inc.
United Control Corp.

#### Direct Current

Direct Current

Acton Laboratories Inc.
Allegany Instrument Co., Inc.
American Electronic Labs., Inc.
American Electronics Corp.
Boonton Electronics Corp.
Brush Instruments, Div.-Clevite Corp.
Computer Engrg. Associates, Inc.
Consolidated Airborne Systems, Inc.
Double Composition of Corp.

\*\*PoATA-CONTROL SYSTEMS INC.
Du. Kane Corp.

DATA-CONTROL SYSTEMS INC.

Du Kane Corp.

Electro Instruments, Inc.

Epsco Inc.

Hallamore Electronics Co.

Haller Raymond & Brown Inc.

Hoover Electronics Co.

Keithley Instruments, Inc.

Kin Tel Div. Cohu Electronics, Inc.

Minneapolis-Honeywell Regulator Co., Boston

Div.

Div.

Description Minneapolis-Honeywell Regulator Co., Indust.

Minneapolis-Honeywell
Div.
Offine Electronics Inc.
Philico Corp., Government & Industrial Divs.
\*\*RHEEM MFG. CO., ELECTRONICS DIV.
Ryan Aeronautical Co.
Saratoga Industries
Skiatron Electronics & Television Corp.
Southwestern Industrial Electronics Co.
Telectro Industries Corp.
Trans Electronics, Inc.
United Control Corp.
Westbury Electronics Inc.

#### Microphone

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\*KAHN & CO., INC.
Leeds & Northrup Co.
\*MISSILE COMPONENTS GROUP, ELECTROSNAP SWITCH & MFG. CO.
Powers Regulator Co., The
Scientific Instrument Co.
Telectro Industries Corp.
Universal Dynamics Corp.
Weighing & Control Components, Inc.

#### CONTROLS, INSPECTION

Baird-Atomic, Inc.
Electric Eye Equipment Co.
\*MISSILE COMPONENTS GROUP, ELECTROSNAP SWITCH & MFG. CO.
Sheffield Corp., The, Sub.—Bendix Aviation Corp.
Corp.
Telectro Industries Corp.
Thompson-Ramo-Wooldridge Products Co., The

#### COUNTERS, GEIGER

Baird-Atomic, Inc.
Fisher Research Lab., Inc.
Hamilton Watch Co., Military Products Div.
Gerard G. Leeds Co., Inc.
Menlo Research Lab.
Nuclear-Chicago Corp.
Radiation Counter Labs., Inc.
Southwestern Industrial Electronics Co.
Telectro Industries Corp.
Terminal Radio Corp.

#### COUNTERS, IMPULSE

Baird-Atomic, Inc.
Bowmar Instrument Corp.
Computer-Measurements Corp.
Consolidated Electrodynamics Corp.
Digitran Co., The
Episco Inc.
Erie Resistor Corp.
General Railway Signal Co.
Haller Raymond & Brown Inc.
Hupp Instrumation, Div.—Erie-Pacific
Librascope Inc.
Photocon Research Products
Systron Corp.
Telectro Industries Corp.
Thieblot Aviation Co., Div.-Vitro Corp. of
America
Veeder-Root Inc.
Walkirt Co. Walkirt Co.

#### COUNTERS, MECHANICAL

Baird-Atomic, Inc.
Bowmar Instrument Corp.
Digitran Co., The
Durant Mig. Co.
Eclipse-Pioneer Div., Bendix Aviation Corp.
Electro-Tech Equipment Co.
General Controls Co.
Hamilton Watch Co., Military Products Div.
Kearfott Co., Inc.
Librascope Inc.
Librascope Inc.
Librascope Inc.
Telectro Industries Corp.
Veeder-Root Inc.

#### DELAY LINES, MEASUREMENT & TEST

Andersen Laboratories, Inc. Arenberg Ultrasonic Laboratory, Inc. Richard D. Brew & Co., Inc. Brybaker Electronics, Inc., Sub.—Telecomputing Corp.
Corp.
Burnell & Co., Inc.
Central Coil Co., Inc.
Chicago Div., American Bosch Arma Corp.
ECS Corp.

Epsco Inc. NYT Electronics, Inc. Orbitran Co., Inc. Tobe Deutschmann Corp. Tucson Instrument Corp.

DENSITOMETERS. ELECTRONIC

Applied Research Labs. Applied Research Labs.
Baird-Arbomic, Inc.
Eldorado Electronics
Gerard G. Leeds Co., Inc.
Liquidometer Corp., The
Photovolt Corp.
Simmonds Aerocessories, Inc.
Telectro Industries Corp.

#### DETECTION SYSTEMS

Atlantic Research Corp.
Farnsworth Electronics Co., Div.-Int'l. Telephone
& Telegraph Corp.
Moisture Register Co.
Patterson, Moos Div.-Universal Winding Co., Inc.
Ryan Aeronautical Co.
Stanley Aviation Corp.
Telectro Industries Corp.
Terminal Radio Corp.
Thompson-Ramo-Wooldridge Products Co., The

#### **DETECTORS**

Arnoux Corp.
Atlantic Research Corp.
BJ Electronics, Borg-Warner Corp.
Consolidated Electrodynamics Corp. \*KAHN & CO., INC.
Maico Electronics, Inc.
Perkin-Elmer Corp.
Terminal Radio Corp.

#### Crack

Curtiss-Wright Corp., Industrial & Scientific Products Div. Menlo Research Lab. Patterson, Moos Div.-Universal Winding Co., Inc. Turco Products, Inc.

#### Detonation

Atlantic Research Corp.
Patterson, Moos Div.-Universal Winding Co., Inc.

#### Explosive Gas

Electronics Corp. of America
General Electric Co., Apparatus Sales Div.
Greenbrier Instruments Inc.
\*GREER HYDRAULLOS, INC.
Johnson-Williams, Inc.
Mine Safety Appliances Co.
Patterson, Moos Div.-Universal Winding Co., Inc.

Arnoux Corp.
Arlantic Instrument Corp., Sub.—American Electronics, Inc.
Thomas A. Isolison Ind., Instrument Div.—
Interference Corp. of America Instrument Div.—
Warred Industries Inc.
Warred Industries Inc.
Mane Electronics, Inc.
Mane Electronics, Inc.
Mane Electronics, Inc.
Mane Air Div., Vapor Heating Corp.

#### Flaw & Defect, Electronic

Air Logistics Corp. American Electronics, Inc. Farnsworth Electronics Co., Div.-Int'l. Telephone & Telegraph Corp. Patterson, Moos Div.-Universal Winding Co., Inc.

#### Gas

Associated Engineers, Inc.
Consolidated Electrodynamics Corp.
Devco Engrg, Inc.
General Electric Co., Apparatus Cales Div.
General Scientific Equipment Co
Greenbrier Instruments Inc.
GREER HYDRAULICS, INC.
Mine Safety Appliances Co.

#### Impedance

Airtron, Inc.,
Barnes Development Co.,
Curtiss-Wright Corp., Industrial & Scientific
Products Div.,
Keithley Instruments, Inc.,
Microwave Electronics Div., Sperry Gyroscope
Co.,
North Atlantic Industries, Inc.

#### Leak

American Electronics, Inc.

Associated Engineers, Inc.
Consolidated Electrodynamics Corp.
Electric Auto-Lite Co., The
Fisher Research Lab., Inc.
General Electric Co., General Electric Co.,
E. Vernon Hill & Co.
\*KAHN & CO., INC.
Gerard G. Leeds Co., Inc.
Menlo Research Lab.
NRC Equipment Corp.
Oxygen Equipment & Service Co.
Perkin-Elmer Corp.
Vecco Vacuum Corp.

#### Metal, Electronic

Electro Products Labs., Inc. Fisher Research Labs., Inc. Potter Aeronautical Corp.

#### Monoxide

J. W. Dice Co.

#### Null

Assembly Products, Inc.
Barnes Development Co.
Boonton Electronics Corp.
Electro-Measurements Inc.
Gertsch Products Inc.
Owen Atlantic Industries, Inc.
Owen Labs., Inc.
Weinschel Engrg.

#### Null-R-F

Boonton Electronics Corp. Patterson, Moos Div.-Universal Winding Co., Inc.

#### Radiation

Adalation

American Electronics, Inc.
Barnes Engineering Co.
Barnes Engineering Co.
Farnsworth Electronics Co., Div.-Int'l. Telephone
& Telegraph Corp.
General Electric Co., Aoparatus Sales Div.
Landsverk Electrometer Co.
Gerard G. Leeds Co., Inc.
Menlo Research Lab.
Moran Instrument Corp.
Nuclear Corp. of America, Inc.
Patterson, Moos Div.-Universal Winding Co., Inc.
Radiation Counter Labs., Inc.
Terminal Radio Corp.

#### Radiation, Nuclear

(adiation, Nuclear

American Electronics, Inc.
BJ Electronics, Borg-Warner Corp.
Baird-Atomic, Inc.
Jordan Electronics, Div.-Vicoreen Instrument Co.
Landsverk Electrometer Co.
Gerard G. Leeds Co., Inc.
Menlo Research Lab.
Nuclear-Chicago Corp.
Nuclear Corp. of America, Inc.
Radiation Counter Labs., Inc.
Radiation Instrument Development Laboratory,
Inc. Inc. Stanley Aviation Corp. Terminal Radio Corp.

#### Resistance

Arnoux Corp.
Associated Research, Inc.
Barnes Research, Inc.
Davenport Mfg. Co.

#### Vibration

Advanced Electronics, Inc.
Aeronautical & Instrument Div., RobertshawFulton Controls Co.
Chesapeake Instrument Corp.
Columbia Research Labs.
Consolidated Electrodynamics Corp.
Endevco Corp.
Endevco Corp.
General Electric Co., Apparatus Sales Div.
\*KAHN & CO., INC.
M8 Mfg. Co.
Massa Labs., Inc.
T-C Div., Dyna-Empire, Inc.

#### Water Leak

\*KAHN & CO., INC. Mento Research Lab. Potter Aeronautical Corp.

#### DIAGNOSTIC EQUIPMENT-COMPUTER

Advance Industries, Inc. Autonetics, Div.-North American Aviation, Inc. Chicago Div., American Bosch Arma Corp. Telectro Industries Corp. Thompson-Ramo-Wooldridge Products Co., The

#### DIAL CRYSTALS

Spartan Marking Corp.

#### DIALS, COMPLETE

DIALS, COMPLETE

Ackerman Engravers, Inc.
Acromark Co., The
Allied Engraving & Stamping Co.
Canadian Radium & Uranium Corp.
Henry G. Dietz Co., Inc., The
Hamilton Watch Co., Military Products Div.
Jodee Plastics Co.
E. F. Johnson Co.
Lytle Engrg, & Mfg. Co.
Print Loid. Inc.
Reeves Instrument Corp.
Sohl Co. The
Spartan Marking Corp.
Star Engraving Co., Ltd.
United States Radium Corp.
Virginia Plak Co.
Waldom Electronics Inc.

#### DIALS, INSTRUMENT

DIALS, INSTRUMENT

Ackerman Engravers, Inc.
Accomark Co., The
Allied Engraving & Stamping Co.
W.H. Brady Co.
U.H. Brady Co.
U.

#### FILTERS, MEASUREMENT

D & R, Ltd. Ellison Draft Gage Co. Orbitran Co., Inc. Herman Hosmer Scott, Inc. Spectrum Instruments, Inc. Telectro Industries Corp. Tobe Deutschmann Corp. United Transformer Corp.

#### FLOWMETERS, MASS RATE

Aero Research Instrument Co. Inc.
Fischer & Porter Co.
General Electric Co., Apparatus Sales Div.
Librascope Inc.
George L. Nankervis Co.
Nuclear Corp. of America, Inc.
Potter Aeronautical Corp.
Trans-Sonics, Inc.

#### FUSES, CARTRIDGE

American Brass Co., The
Bussmann Mfg. Div., McGraw-Edison Co.
Hammert Electric Corp.
Royal, Electric Corp.
Sightmaster Corp.-Mutual Electronic Industries
Inc.

#### GAUGES

Electric Auto-Lite Co., The, Wire & Cable Div. Glassco Instrument Co. \*KAHN & CO., INC. Jas. P. Marsh Corp.

#### Compression

Daytonic Corp.

Dynamic Instrument Co., Inc.

Glassco Instrument Co.

Servonic Instruments, Inc.

U. S. Gauge Div., American Machine & Metals, Inc.

#### Differential Pressure

Differential Pressure

Consolidated Controls Corp.
Consolidated Electrodynamics Corp.
Daytronic Corp.
Dynametrics Corp.
Dynametrics Corp.
Dynametrics Corp.
Hamilton Standard Div.,
United Aircraft Corp.
Electronics Dept., Hamilton Standard Div.,
United Aircraft Corp.
Elisson Draft Gage Co.
Frieze Instrument Div.-Bendix Aviation Corp.
Gilmore Industries Inc.
Glassco Instrument Co.
Hagan Chemicals & Controls, Inc.
E. Vernon Hill & Co.
Kollsman Instrument Corp., Sub.—Standard Coil
Products Co. Inc.
\*\*WALLACE O. LEONARD, INC.
Scientific Instrument Co.
Servonic Instrument, Inc.
Trimount Instrument Co.
Ultradyne, Inc.
U. S. Gauge Div., American Machine & Metals,
Inc.

#### Strain

Baird-Atomic, Inc.
Columbia Research Labs,
Consolidated Avionics Corp,
Daytronic Corp,
Dynamic Instrument Co., Inc.
Gilmore Industries Inc.,
Gulton Industries, Inc.,
Industrial Control Co.

#### Suction

Consolidated Controls Corp.
Dynamic Instrument Co., Inc.
Elison Draft Gage Co.
Northam Electronics, Inc.
\*ROCHESTER MFG. CO. INC.
U. S. Gauge Div., American Machine & Metals, Inc.

#### Tension

Columbia Research Labs.
Daytronic Corp.
Dynamic Instrument Co., Inc.
Gilmore Industries Inc.

#### Thickness, Electronic

Branson Instruments, Inc.
Cleveland Instrument Co.
Consolidated Avionics Corp.
Daytronic Corp.
J. W. Dice Co.
General Electric Co., Apparatus Sales Div.
Gulton Industries, Inc.
Photocon Research Products

#### Torque Pressure

Consolidated Controls Corp.
Electronics Dept., Hamilton Standard Div.,
United Aircraft Corp.
Gilmore Industries Inc.
U. S. Gauge Div., American Machine & Metals,
Inc.

#### Ultrasonic Thickness

Alcar Instruments, Inc. Alcar Instruments, Inc.
Branson Instruments, Inc.
Curliss-Wright Corp., Industrial & Scientific
Products Div.
\*KAHN & CO., INC.
Photocon Research Products

#### GAUSSMETERS

Hickok Electrical Instrument Co., The Librascope Inc. Perkin-Elmer Corp.

#### **HYDROMETERS**

General Scientific Equipment Co. E. Vernon Hill & Co. Illinois Testing Laboratories, Inc. George L. Nankervis Co. Scientific Instrument Co.

#### **INDICATORS**

Advance Industries, Inc.
Advanced Products Co., The
Barnes Development Co.
Barton Instrument Corp.
Brunswick Instruments
Dynac, Inc.
Electric Auto-Lite Co., The
Electro-Measurements Inc.
Ellison Draft Gage Co.
Epic, Inc.

\*GARRETT CORP., THE, AIRESEARCH MFG.

\*GARRETT CORP., THE, AIRESEARCH MFG.
DIVS.
General Railway Signal Co.
Hamilton Warch Co., Military Products Div.
\*A. W. HAYDON CO., THE
Haydon Div.-General Time Corp.
\*KAHN & CO., INC.
Leeds & Northrup Co.
Jas. P., Marsh Corp.
Milman Engrg. Co.
Reeves Instrument Corp.
Milton Rov Co.
\*UNION SWITCH & SIGNAL, DIV.-WESTINGHOUSE AIR BRAKE CORP.
U. S. Gauge Div., American Machine & Metals,
Inc.
Wacline, Inc.

#### Capacitor Leakage

American Electronics, Inc.
Barnes Development Co.
Consolidated Airborne Systems, Inc.
Peschel Electronics, Inc.
Thieblot Aviation Co., Div.-Vitro Corp. of
America

#### Data Display

Bendix Aviation Corp., York Div. Bowmar Instrument Corp. Consolidated Electrodynamics Corp.

Dynametrics Corp.
Eclipse-Pioneer Div., Bendix Aviation Corp.
Farnsworth Electronics Co., Div.-Int'l. Telephone
& Telegraph Corp.
Feedback Controls, Inc.
Fischer & Porter Co.
General Railway Signal Co.
Gilmore Industries Inc.
Hogan Laboratories, Inc.
Master Specialfies Co.
MISSILE COMPONENTS GROUP, ELECTROSNAP SWITCH & MFG. CO.
Non-Linear Systems Inc.
North Atlantic Industries, Inc.
Potter Aeronautical Corp.
Reeves Instrument Corp.
Shannon Luminous Materials Co.
Soroban Engrg., Inc.
Star Engraving Co., Ltd.
\*\*UNION SWITCH & SIGNAL, DIV.-WESTINGHOUSE AIR BRAKE CORP.
Wacline, Inc.

#### Detonation Indicators & Meters

Electro Products Labs., Inc.

#### Deviation

Consolidated Airborne Systems, Inc. Eclipse-Pioneer Div., Bendix Aviation Corp. Hickok Electrical Instrument Co., The Varo Mfg. Co.

#### Dew Point

Electron-Radar Products
E. Vernon Hill & Co.
Illinois Testing Laboratories, Inc.
Instruments Corp., The
\*KAHN & CO., INC.
Milton Roy Co.
Scientific Instrument Co.
Wells Industries Corp.

#### Dielectric Constant

Consolidated Airborne Systems, Inc.

#### Dive Angle

General Electric Co., Apparatus Sales Div.

#### Engine Synchronizer

Kollsman Instrument Corp., Sub.—Standard Coil Products Co. Inc.

#### Film Thickness

J. W. Dice Co. Photobell Co., Inc. Photocon Research Products

#### Fluid Conductivity

Barton Instrument Corp. Consolidated Airborne Systems, Inc. Hickok Electrical Igstrument Co., The Industrial Instruments Inc.

#### Fluid Flow, Electronic

Acoustica Associates, Inc.
Aero Supply Mfg. Co., Inc.
Barton Instrument Corp.,
Fischer & Porter Co.
\*GARRETT CORP., THE, AIRESEARCH MFG.
DIVS

GARRETT CORP., ITTE, AND DIVS.
Gilmore Industries Inc.
Hickok Electrical Instrument Co., The
Leeds & Northrup Co.
George L. Nankervis Co.
Forecentral Div., Bendix Aviation Corp.
Potter Aeronautical Corp.
Victory Engineering Corp.
Wacline, Inc.

#### Frequency

Frequency

Boonton Electronics Corp.
Computer-Measurements Corp.
Consolidated Airborne Systems, Inc.
Dunlap Electronics, Inc.
Dynac, Inc.
Erie Resistor Corp.
General Electric Co., Apparatus Sales Div.
Master Specialties Co.
August E. Miller Laboratories
Skiatron Electronics & Television Corp.
Systron Corp.
Varo Míg. Co.
Wacline, Inc.
Westronics Inc.

#### Fuel Flow Rate

Acoustica Associates, Inc. Aero Supply Mfg. Co., Inc. Avien, Inc. Barton Instrument Corp. Brooks Rotameter Co. Computer-Measurements Corp. Dynac, Inc.

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Dynametrics Corp.
Fischer & Porter Co.
\*GARRETT CORP., THE, AIRESEARCH MFG.

\*\*GARRETT CORP., THE, AIRESEARCH MFG. DIVS.
General Electric Co., Apparatus Sales Div. Hickok Electrical Instrument Co. The Leeds & Northrup Co.
\*\*WALLAGE O. LEONARD, INC.
W. L. Masson Corp., The Minneapolis-Honeywell Regulator Co., Aeronautical Div., Bendix Aviation Corp. Potter Aeronautical Corp. Southwestern Industrial Electronics Co. Systron Corp.

#### Fuel Mixture

Acoustica Associates, Inc.
Barton Instrument Corp.
\*WALLACE O. LEONARD, INC.

#### Liquid Level, Electronics

Liquid Level, Electronics

Acoustica Associates, Inc.
Aeronautical & Instrument Div., Robertshaw-Fulton Controls Co.,
Auburn Spark Plug Co., Inc.
Barton Instrument Corp.
Consolidated Airborne Systems, Inc.
Crescent Engrg. & Research Co.
Dynamics Corp.
Electro-Tech Equipment Co.
Gilmore Industries Inc.
Hickok Electrical Instrument Co., The
Leeds & Northrup Co.
Liquidometer Corp., The
W. L. Maxson Corp., The
W. L. Maxson Corp., The
PRIMERTITY MFG. CO.
Photobell Co., Inc.
Pioneer-Central Div., Bendix Aviation Corp.
Simmonds Aerocessories, Inc.
Trimount Instrument Co.,
Victory Engineering Corp.

#### Pressure

Pressure

Barton Instrument Corp.
Consolidated Controls Corp.
Consolidated Electrodynamics Corp.
Crescent Engrg. & Research Co.
Dynametrics Corp.
Dynamic Instrument Co., Inc.
Thomas A. Edison Ind., Instrument Div.—
McGraw-Edison Co.
Electric Auto-Lite Co., The
Ellison Draft Gage Co.
Friez Instrument Div.-Bendix Aviation Corp.
\*\*GARREIT CORP. THE, AIRESEARCH MFG. DIVS.
Gilmore Industries Inc.
Greenleaf Mfg. Co., The, Div.-Mandrel Industries Inc.
Hagan Chemicals & Controls, Inc.
E. Vernon Hill & Co.
Kollsman Instrument Corp., Sub.—Standard Coil
Products Co. Inc.
Leeds & Northrup Co.
\*\*WALLACE O. LEONARD, INC.
Northam Electronics, Inc.
Photocon Research Products
Pioneer-Central Div., Bendix Aviation Corp.
\*\*ROCHESTER MFG. CO. INC.
Systron Corp.
Trimount Instrument Co.

Systron Corp. Trimount Instrument Co.

Ultradyne, Inc. U. S. Gauge Div., American Machine & Metals,

#### Pulse Time Riser

ESC Corp.

#### Radiation

American Electronics, Inc.
Baird-Atomic, Inc.
General Electric Co., Apparatus Sales Div.
Landsverk Electrometer Co.
Gerard G. Leeds Co., Inc.
Moran lastrument Corp.

#### Radiation, Nuclear

American Electronics, Inc.

8J Electronics, Borg-Warner Corp.
Baird-Atomic, Inc.
Curtiss-Wright Corp., Electronics Div.
Jordan Electronics, Div.-Victoreen Instrument Co.
Landsverk Electrometer Co.
Gerard G. Leeds Co., Inc.
Radiation Instrument Development Laboratory,
Inc.

#### Recording Engine

\*GARRETT CORP., THE, AIRESEARCH MFG. DIVS. Telectro Industries Corp.

#### Remote

Advance Industries, Inc.

Bowmar Instrument Corp. Brooks Rotameter Co.

Brooks Rotameter Co.
Dynametrics Corp.
Eclipse-Pioneer Div., Bendix Aviation Corp.
Feedback Corntols, Inc.
\*A. W. HATDON CO., THE
Kearfott Co., Inc.
Kollsman Instrument Corp., Sub.—Standard Coil
Products Co. Inc.
Milman Engrg. Co.
\*MISSILE COMPONENTS GROUP, ELECTRO-SNAP
SWITCH & MFG. CO.
North Atlantic Industries, Inc.
\*VINION SWITCH & SIGNAL,
HOUSE AIR BRAKE CORP.
Varo Mfg. Co.
Varo Mfg. Co.
Wacline, Inc.

#### RF Probe

Boonton Electronics Corp. Kay Electric Co. Wacline, Inc.

#### Timing

Advanced Products Co., The
Bergen Labs.
Bowmar Instrument Corp.
M. Ducommun Co.
Elgin Micronics, West Coast Div.-Elgin National
Watch Co.
\*A. W. HAYDON CO., THE
Haydon Div.-General Time Corp.
Wacline, Inc.

#### Vacuum

Amthor Testnig Instrument Co., Inc.
Columbia Research Labs.
Consolidated Electrodynamics Corp.
Dynametrics Corp.
Dynamic Instrument Co., Inc.
Ellison Draft Gage Co.
Green Rectifier Co.,
High Vacuum Equipment Corp.
Gerard G. Leeds Co., Inc.
NRC Equipment Corp.
Process & Instruments
\*ROCHESTER MFG. CO. INC.
U. S. Gauge Div., American Machine & Metals,
Inc.
Vacuum Tube Products Co. Inc.

Vacuum Tube Products Co. Inc. Veeco Vacuum Corp.

#### Vibration

Vibration

Aeronautical & Instrument Div., Robertshaw-Fulton Controls Co.
Atlantic Research Corp.
Consolidated Electrodynamics Corp.
Electro Products Labs., Inc.
Electronics Dept., Hamilton Standard Div.,
United Aircraft Corp.
Epic. Inc.
Gilmore Industries Inc.
Kay Electric Co.
MB Mfg. Co.
Herman Hosmer Scott, Inc.
Southwestern Industrial Electronics Co.
Western Electro-Acoustic Lab.

#### Volume

Acoustica Associates, Inc.
Daven Co., The
Dynametrics Corp.,
Fischer & Porter Co.,
Hickok Electrical Instrument Co., The
Simmonds Aerocessories, Inc.

#### Weight

Crescent Engrg. & Research Co. Curtiss-Wright Corp., Electronics Div. Dynametrics Corp. Gilmore Industries Inc., Hickok Electrical Instrument Co., The Hoover Electronics Co. Leeds & Northrup Co.

#### Wind Direction

Beckman & Whitley, Inc.
Friez Instrument Div.-Bendix Aviation Corp.
E. Vernon Hill & Co.
Instruments Corp., The
Scientific Instrument Co.
Security Parachute Co.
Victory Engineering Corp.

#### INDUCTANCE SPECIALTIES, MEASUREMENT

Barnes Development Co. Crescent Engrg. & Research Co. Telectro Industries Corp. United Transformer Corp.

#### INSPECTION EQUIPMENT

American Optical Co., Instrument Div. Baird-Atomic, Inc. Blowers Inc.

Cleveland Instrument Co. Engrg. Developments, Inc. Hallamore Electronics Co. Lane Electronics Mfg. Corp. Strat-O-Seal Mfg. Co.

#### Fluorescent

Day-Ray Products, Inc. Engrg. Developments, Inc. Research, Inc. Strat-O-Seal Mfg. Co. United States Radium Corp.

#### Lighting

Blowers Inc.
Chicago Miniature Lamp Works
Day-Ray Products, Inc.
Engrg. Developments, Inc.
Grimes Mfg. Co.
Shannon Luminous Materials Co.

#### Magnetic

\*BAUSCH & LOMB OPTICAL CO. Electric Eye Equipment Co. Hallamore Electronics Co.

#### Optical

American Optical Co., Instrument Div.
Baird-Atomic, Inc.
Davidson Mfg. Co.
Eastman Kodak Co.
Electric Eye Equipment Co.
Engrg. Developments, Inc.
J. W. Fecker, Inc., Sub.—American Optical Co.
Hamilton Watch Co., Military Products Div.
Hammert Electric Co.
\*OPTO-METRIC TOOLS, INC.

#### X-Ray

Bracke-Seib X-ray Co., Inc. Instruments Div.-Philips Electronics, Inc. Sheffield Corp., The, Sub.—Bendix Aviation \*WESTINGHOUSE ELECTRIC CORP.

# LINES, SLOTTED

#### **MACHMETERS**

Dynametrics Corp. \*GARRETT CORP., THE, AIRESEARCH MFG. DIVS.
Greenleaf Mfg. Co., The, Div.-Mandrel Industries Infrument Corp., Sub.—Standard Coil Products Co. Inc., Pioneer-Central Div., Bendix Aviation Corp. M. Ten Bosch, Inc.

#### MAGNETIC ANALYSIS EQUIPMENT

J. W. Dice Co. Librascope Inc.

#### **MANOMETERS**

Calcor Corp., Aircraft Div.
Consolidated Electrodynamics Corp.
Fischer & Porter Co.
Friez Instrument Div.-Bendix Aviation Corp.
Green Rectifier Co.
E. Vernon Hill & Co.
Scientific Instrument Co.
Strata Instrument Co.
Irimount Instrument Co.

#### MEASURING EQUIPMENT, **PRESSURE**

Allegany Instrument Co., Inc.
Barton Instrument Corp.
Brush Instruments, Div.-Clevite Corp.
Consolidated Avionics Corp.
Consolidated Electrodynamics Corp.
Decker Corp., The
Dynametrics Corp.
Fischer & Porter Co.
Friez Instrument Div.-Bendix Aviation Corp.
\*GARREIT CORP., THE, AIRESEARCH MFG,
DIVS. DIVS.
Heiland Div.—Minneapolis-Honeywell

E. Vernon Hill & Co. Ideal-Aerosmith, Inc., Iron Fireman Mfg. Co., Electronics Div. Kollsman Instrument Corp., Sub.—Standard Coil Products Co. Inc. Minneapolis-Honeywell Regulator Co., Indust. Div. Moisture Register Co. George L. Nankervis Co., Photocon Research Products Scientific Instrument Co. Servonic Instruments, Inc. Sun Electric Corp. Systron Corp.

Systron Corp.

U. S. Gauge Div., American Machine & Metal, Inc.

#### MEASURING EQUIPMENT, VIBRATION

VIBRATION

Aeronautical & Instrument Div., Robertshaw-Fulton Controls Co.

Brush Instruments, Div.-Clevite Corp.
Columbia Research Labs.
Consolidated Avionics Corp.
Consolidated Avionics Corp.
Davidson Mfg. Co.
General Electric Co., Apparatus Sales Div.
Heiland Div.—Minneapolis-Honeywell

\*KAHN & CO., INC.

Kay Electric Co., Apparatus Sales Div.
Heiland Div.—Minneapolis-Honeywell

\*KAHN & CO., INC.

Kay Electric Co., Massa Labs., Inc.
Herman Hosmer Scott, Inc.
Southwestern Industrial Electronics Co.
Sun Electric Corp.
Systron Gorp.
Telectro Industries Corp.
Telentrument Electronics Corp.

#### MEASURING EQUIPMENT, VSWR

Aircom Inc.
Airton, Inc.
Browning Laboratories, Inc.
California Technical Industries Div.-Textron Inc.
\*DALMO VICTOR CO., DIV.-TEXTRON INC.
Demornay-Bonardi
Geisler Labs.
E. F. Johnson Co.,
Gerard G. Leeds Co., Inc.
Microwave Electronics Div., Sperry Gyroscope
Omega Labs., Inc.
Radar Design Corp.
Telectro Industries Corp.
Wave Particle Corp.
Wave Particle Corp.

#### MEGOHMETERS, VACUUM TUBE

Associated Research, Inc.
Consolidated Airborne Systems, Inc.
Curtiss-Wright Corp., Electronics Div.
Davenport Mfg. Co.
Electro-Tech Equipment Co.
Gerard G. Leeds Co., Inc.
Precision Apparatus Co., Inc.
\*RHEEM MFG. CO., ELECTRONICS DIV.

#### METERS

Wacline, Inc.
Ammeter

# American Metrix Corp. \*ANTON ELECTRONIC LABS., INC. Assembly Products, Inc. Davenport Mig. Co. Dejur-Amsco Corp.

# NEW COMPONENTS FOR MAXIMUM RELIABILITY DESIGNED FOR MISSILE, AIRBORNE, MILITARY, INDUSTRIAL ELECTRONIC CIRCUITS AND SYSTEMS

Integrated design and development program leads to production of an improved series of multipin connectors and ruggedized corona discharge V-R tubes.

Based upon suggestions of design and specification engineers of leading companies in the missile, airborne, military and industrial electronics field, new designs meet reliability demands of actual field requirements.



Equipment connector designers and components specification engineers have been encouraged by the development of a new reliable and rugged connector series. This Anton Series WM20 eliminates molding breakage conventionally encountered because of screw-lock and guide pin strain as well as mounting lip damage. It is interchangeable with existing Specification MIL-C-8384 types and is available for front or flush mounting applications.

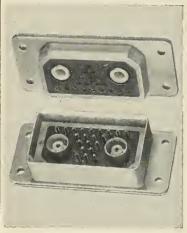
Reliability and ruggedness of this Anton WM20 series results from a unique design improvement which incorporates the guide pins and screw-lock as part of a die-cast aluminum housing. This restricts all locking force and strain to the metal shell. It provides insurance against obvious as well as hidden strain cracks. Mounting lip breakage is done away with by elimination of the plastic mounting lip in the tatest Anton connector development. The connector also incorporates body float which helps eliminate alignment problems. This greatly improves reliability in applications where vibration is encountered.



You can now achieve precise voltage regulation for low current application over a range from 400 volts to 30 KV in a reliable, inexpensive, simple and straightforward manner—the use of Anton Corona Discharge Voltage Regulator tubes. Over 500,000

Anton Corona V-R tubes have been used successfully for stabilizing power supplies or as voltage reference tubes in the field of radiac, missile and airborne electronics. Tubes are available ranging in size from subminiature to standard.

To help design and specification engineers determine whether their high voltage low current regulation problems can be solved economically, Anno Electronic Laboratories will send a free reprint of a theoretical and practical dissertation, 'Corona Discharge V-R Tubes', upon request.



High and low voltage plus high and low current connections are provided in a single unit by Anton's Series "5.20" connectors. This same series also provides designs which combine coaxial and standard contacts. Space-saving, moisture-proof and strength qualities have also been designed into this new "S" series. The dominant feature is a single molding (Standard Dially! Phthalate) in each half of the connector. This eliminates "moisture trap" usually found in old style two-piece moldings.

Considerable shut-height space is conserved by a unique counter-sunk mating design. Pins are completely protected. There is positive shell polarization and alignment. The molding is housed in a precision die-cast, irridited aluminum shell. This shell protects, mounts and aligns the connector. For test and trouble shooting convenience, plug and socket can remain "live" when disconnected because the shell also serves to prevent the accidental short circuiting of pins when plug is in open position.

#### PLEASE VISIT US OR WRITE

All Anton components can be seen at our plant. Men you visit New York, you are cordially invited to relax and discuss your component needs with our engineers. But don't wait till then. Write Dept. MR for free, complete data NOW - on all of Anton's special electronic components.



# ANTON ELECTRONIC LABORATORIES, INC.

A subsidiory of United States Hoffman Mochinery Corporation 1226 FLUSHING AVE., BROOKLYN 37, N. Y.

#### . . . checkout

Electric Auto-Lite Co., The Electric Design & Mfg. Co. Electro-Tech Equipment Co. Electro-Tech Equipment Co. Epic, Inc.
General Electric Co., Apparatus Sales Div. Hammett Electric Co. Hammett Corp.
Hickok Electrical Instrument Co., The Gerard G. Leeds Co., Inc.
Marion Electrical Instrument Co.

Marion Electrical Institution.
Meters Inc.
Phaostron Instrument & Electronic Co.
Precision Apparatus Co., Inc.
\*\*ROCHESTER MFG. CO. INC.
Simpson Electric Co.
Sum Electric Corp.
Terminal Radio Corp.
Wacline, Inc.
Wacline, Inc.

#### \*WESTINGHOUSE ELECTRIC CORP.

#### Ammeter R-F

Ammeter R-F
Alto Scientific Co., Inc.
Assembly Products, Inc.
Electro-Tech Equipment Co.
Hammett Electric Co.
Hickok Electrical Instrument Co., The
Gerard G. Leeds Co., Inc.
Phaostron Instrument & Electronic Co.
Simpson Electric Corp.
Terminal Radio Corp.
U. S. Gauge Div., American Machine & Metais
Inc.
Wacline, Inc.
\*WESTINGHOUSE ELECTRIC CORP.

# Attenuation

Alto Scientific Co., Inc.
Daven Co., The
Demornay-Bonardi
Hammett Electric Co.
Gerard G. Leeds Co., Inc.
Microwave Electronics Div., Sperry Gyroscope
Co.
Termnial Radio Corp.

#### Audio

Hammett Electric Co.
Gerard G. Leeds Co. Inc.
Gerard G. Leeds Co. Inc.
Phaostron Instrument & Electronic Cc.
Precision Apparatus Co., Inc.
Ryan Aeronautical Co.
Sun Electric Corp.
Terminal Radio Corp.
Varo Mfg. Co.
Western Electro-Acoustic Lab.

#### Cable Testing

ASSOciated Research, Inc.
Barnes Development Co.
California Technical Industries, Div.-Textron Inc.
Davenport Mig. Co.
Hammet Electric Co.
Instrument Laboratories
Kay Electric Co.
Gerard G. Leeds Co., Inc.
Peschel Electronics, Inc.
Terminal Radio Corp.

#### Capacitance

Japacitance
Barnes Development Co.
Boonton Electronics Corp.
Consolidated Airborne Systems, Inc.
Electro-Tech Equipment Co.
Epic, Inc.
Hammett Electric Co.
Industrial Instruments Co.
Gerard G. Leeds Co., Inc.
Precision Apparatus Co., Inc.
Precision Apparatus Co., Inc.
Terminal Radio Corp.

#### Conductance

Hammett Electric Co. Gerard G. Leeds Co., Inc. Terminal Radio Corp.

#### Counting Rate

\*ANTON ELECTRONIC LABS., INC. Baird-Atomic, Inc. Dynac, Inc. Dynac, Inc. Eric Resistor Corp. Hammett Electric Co. I-L-S Instrument Corp. Gerard G. Leeds Co., Inc. Potter Aeronautical Corp. Radiation Counter Labs., Inc. Simpson Electric Co. Systron Corp. Terminal Radio Corp. Walkirt Co.

# Counting Rate, Nuclear \*ANTON ELECTRONIC LABS., INC. Baird-Atomic, Inc.

Hammett Electric Co. Gerard G. Leeds Co., Inc. Radiation Counter Labs., Inc. Systron Corp. Terminal Radio Corp.

#### D Arsonval

Assembly Products, Inc.
Dejur-Amsco Corp.
Electric Design & Mfg. Co.
Electro-Tech Equipment Co.
General Electric Co., Apparatus Sales Div.
Hammert Electric Co. Hammett Electric Co.
Leeds & Northrup Co.
Meters Inc.
Meters Inc.
Phaostron Instrument & Electronic Co.
Precision Apparatus Co., Inc.
Q. V. S. Inc.
Simpson Electric Co.
Terminal Radio Corp.
Wacline, Inc.

#### Decibel

Beonton Electronics Corp.
Chesapeake Instrument Corp.
Dejur-Amsco Corp.
Electro-Tech Equipment Co.
Hammett Electric Co.
Hickok Electrical Instrument Co., The
Instrument Laboratories
Gerard G. Leeds Co., Inc.
Meters Inc. Meters Inc.
Precision Apparatus Co., Inc.
Q. V. S. Inc.
Herman Hosmer Scott, Inc.
Simpson Electric Co.
Terminal Radio Corp.
Wacline, Inc.

#### Deflection

Hammett Electric Co. Hickok Electrical Instrument Co., The Gerard G. Leeds Co., Inc. Owen Labs., Inc. Terminal Radio Corp.

#### Deviation

Barnes Development Co.
Computer-Measurements Corp.
Consolidated Airborne Systems, Inc.
Guided Missile Div.-De Havilland Aircraft of
Canada, Ltd.
Hammett Electric Co.
Hickok Electrical Instrument Co., The
Gerard G, Leeds Co., Inc.
Marconi Instruments
Minneapolis-Honeywell Regulator Co., Indust.
Div. Div. Terminal Radio Corp. Varo Mfg. Co.

#### Distortion & Noise

Airborne Instruments Lab., Inc.
Bonton Electronics Corp.
Electro-Tech Equipment Co.
Empire Products Sales Corp.
Hammett Electric Co.
Gerard G. Leeds Co., Inc.
Ryan Aeronautical Co.
Terminal Radio Corp.
Western Electro-Acoustic Lab.

#### Dosimeter

\*AMERICAN MACHINE & FOUNDRY CO.
\*ANTON ELECTRONIC LABS., INC.
Baird-Atomic, Inc.
Cambridge Instrument Company, Inc.
Hammert Electric Co.
Landsverk Electrometer Co.
Gerard G. Leeds Co., Inc.
Menlo Research Lab,
Radiation Counter Labs., Inc.
Terminal Radio Corp.

#### Dosimeter, Nuclear

ANTON ELECTRONIC LABS., INC.
Baird-Atomic, Inc.
Cambridge Instrument Company, Inc.
Computer-Measurements Corp.
Hammett Electric Co.
Landsverk Electrometer Co.
Gerard G. Leeds Co., Inc.
Menlo Research Lab.
Radiation Counter Labs., Inc.
Terminal Radio Corp.

#### Elapsed Time

Elapsed lime
Advanced Products Co., The
\*ANTON ELECTRONIC LABS., INC.
Baird-Atomic, Inc.
Bergen Labs.
Burroughs Corp.
Dejur-Amsco Corp.
Dynac, Inc.
Eldorado Electronics
Electro-Tech Equipment Co.
Elgin Micronics, West Coast Div.-Elgin National
Watch Co.

Epic, Inc.
Erie Resistor Corp.
General Electric Co., Apparatus Sales Div.
Hammett Electric Co.
\*A. W. HAYDON CO., THE
Gerard G. Leeds Co., Inc.
Marion Electrical Instrument Co.
Simpson Electric Co.
Systron Corp.
Terminal Radio Corp.
Wacline, Inc.

#### Electrometer

Cambridge Instrument Company, Inc.
Curtiss-Wright Corp., Electronics Div.
Hallikainen Instruments
Hammett Electric Co.
Keithley Instruments, Inc.,
Landsverk Electrometer Co.
Gerard G. Leeds Co., Inc.,
Nuclear-Chicago Corp.
Terminal Radio Corp.
Wacline, Inc.

#### Electronic Micrometer

Alpha Instrument Co.
Cleveland Instrument Co.
Cleveland Instrument Corp.
Computer-Measurements Corp.
Daytronic Corp.
Decker Corp., The
J. W. Dice Co.
Hammett Electric Co.
Gerard G. Leeds Co., Inc.
Terminal Radio Corp.

#### Events-Per-Unit-Time

Events-Per-Unit-lime

Advanced Products Co., The Baird-Atomic, Inc.
Burroughs Corp., Electronic Tube Div. Computer-Measurements Corp. Dunlap Electronics, Inc.
Dynac, Inc.
Eldorado Electronics
Erie Resistor Corp.
Hammett Electric Co.
Gerard G. Leeds Co., Inc.
Potter Aeronautical Corp.
Radiation Counter Labs., Inc.
Systron Corp.
Terminal Radio Corp.
Walkirt Co.

#### Flow

Baird-Atomic, Inc.
Barton Instrument Corp.
Brooks Rotameter Co.
Fischer & Porter Co.
Hagan Chemicals & Controls, Inc.
Hallikainen Instruments
Hammett Electric Co.
Hickok Electrical Instrument Co., The
Gerard G. Leeds Co., Inc.
Minneapolis-Honeywell Regulator Co., Indust.
Div. Minneapolis-Honeywell Regulators
Div.
George L. Nankervis Co.
George L. Nankervis Co.
Potter Aeronautical Corp.
Potter Aeronautical Corp.
Southwestern Industrial Electronics Co.
Systron Corp.
Terminal Radio Corp.
Trimount Instrument Co.
Waugh Engrg. Co.

#### Flutter

Amplifier Corp. of America
Barton Instrument Corp.
D & R, Ltd.
Hamment Electric Co.
Minneapolis-Honeywell Regulator Co., Indust. Div.
Telectro Industries Corp.
Terminal Radio Corp.

#### Flux

Cambridge Instrument Company, Inc.
Electro-Tech Equipment Co.
Epic, Inc.
General Electric Co., Apparatus Sales Div.
Hammett Electric Co.
Gerard G. Leeds Co., Inc.
Terminal Radio Corp.

#### FM Deviation

Browning Laboratories, Inc. \*DATA-CONTROL SYSTEMS INC. Gersch Products Inc. Hammett Electric Co. Gerard G. Leeds Co., Inc. Terminal Radio Corp.

#### Footcandle

Computer-Measurements Corp. Electro-Tech Equipment Co. Hammett Electric Co. Terminal Radio Corp.

Frequency

Frequency

Acromag Inc.
Aircom Inc.
Aircom Inc.
Airton, Inc.

\*AMERICAN MACHINE & FOUNDRY CO.
James G. Biddle Co.
Burroughs Corp., Electronic Tube Div.
Demornay-Bonardi
Diamond Antenna & Microwave Corp.
Douglas Microwave Co., Inc.
Dunlap Electronics, Inc.
Dynac, nlc.
Electro Impulse Lab., Inc.
Electro Impulse Lab., Inc.
Electro Impulse Lab., Inc.
Electro Impulse Lab., Inc.
Electro Electrice Co., Apparatus Sales Div.
General Communication Co.
General Electric Co., Apparatus Sales Div.
Gertsch Products Inc.
Hammett Electric Co., Apparatus Sales Div.
Gerard G. Leeds Co., Inc.
Microwave Electronics Div., Sperry Gyroscope
Co.
Narda Microwave Corp., The
Northeastern Engrg. Inc.
Potter Aeronautical Corp.
Saratoga Industries
Systron Corp.

Potter Aeronautical Co Saratoga Industries Systron Corp. \*\*TELERAD MFG. CORP. Terminal Radio Corp. Varo Mfg. Co. Wacline, Inc. Walkirt Co.

#### Galvanometer

Assembly Products, Inc.
James G. Biddle Co.
Cambridge Instrument Company, Inc.
Consolidated Electrodynamics Corp.
Electronics International Co.
Electro-Tech Equipment Co. Electro-Tech Equipment Co. Epic, Inc. General Electric Co., Apparatus Sales Div. Hamilton Watch Co., Military Products Div. Hammett Electric Co. Hickok Electrical Instrument Co., The Leeds & Northrup Co. Massa Labs., Inc. Meters Inc. Minneapolis-Honeywell Regulator Co., Indust. Div. Minneapolis-Honeywell Regulator Co., Div.
Owen Labs., Inc.
Photron Instrument Co., Precision Apparatus Co., Inc., Q. V. S. Inc., Simpson Electric Co., Southwestern Industrial Electronics Co. Terminal Radio Corp. Wacline, Inc.

#### Grid Dip

Alto Scientific Co., Inc.
Boonton Electronics Corp.
General Electric Co., Apparatus Sales Div.
Hammett Electric Co.
Telectro Industries Corp.
Terminal Radio Corp.

#### Impedance

Alto Scientific Co., Inc.
Hammett Electric Co.
Kay Electric Co.
Gerard G. Leeds Co., Inc.
Microwave Electronics Div., Sperry Gryoscope
Co.
Narda Microwave Corp., The
North Altantic Industries, Inc.
Sun Electric Corp.,
Terminal Radio Corp.

#### Industrial

Baird-Atomic, Inc.
Electro-Tech Equipment Co.
Hammett Electric Co.
General Electric Co., Apparatus Sales Div.
Instrument Laboratories
Gerard G. Leeds Co., Inc.
Minneapolis-Honeywell Regulator Co., Indust. Minneapolis-rolleywell Might by Div.
Peschel Electronics, Inc., Southwestern Industrial Electronics Co., Terminal Radio Corp.,
\*WESTINGHOUSE ELECTRIC CORP.

#### Infrared

Barnes Engineering Co. Hammett Electric Co. Infrared Industries Inc. Production Research Corp. Q. O. S. Corp. Terminal Radio Corp.

#### Intermodulation

Empire Products Sales Corp. Hammett Electric Co. Southwestern Industrial Electronics Co. Telectro Industries Corp.

Terminal Radio Corp. Varo Mfg. Co.

#### Kilovolt

Kilovolt

Associated Research, Inc.
Davenport Mfg. Co.
Electric Design & Mfg. Co.
Electric Design & Mfg. Co.
Electro-Tech Equipment Co.
John Fluke Mfg. Co., Inc.
General Electric Co., Apparatus Sales Div.
Gertsch Products Inc.
Hammett Electrica Instrument Co., The
Keithley Instruments, Inc.
Marion Electrical Instrument Co.
Meters Inc.
Opad Electric Co.
Precision Apparatus Co., Inc.
Q. V. S. Inc.
Ryan Aeronautical Co.
Terminal Radio Corp.
Wacline, Inc.
\*WESTINGHOUSE ELECTRIC CORP.

Electro-Tech Equipment Co.
John Fluke Mfg. Co., Inc.
General Electric Co., Apparatus Sales Div.
Hammett Electric Co.
Hickok Electrical Instrument Co., The
Terminal Radio Corp.
\*WESTINGHOUSE ELECTRIC CORP.

#### Light

Electro-Tech Equipment Co. Hammett Electric Co. Terminal Radio Corp.

#### Megohm

Megohm

American Metrix Corp.
Associated Research, Inc.
James G. Biddle Co.
Brush Instruments, Div.-Clevite Corp.
Consoldiated Airborne Systems, Inc.
Davenport Mfg. Co.
Electro-Tech Equipment Co.
Epic, Inc.
Hammett Electric Co.
Industrial Instruments, Inc.
Gerard G. Leeds Co., Inc.
Leeds & Northrup Co.
Precision Apparatus Co., Inc.
Q. V. S. Inc.
Southwestern Industrial Electronics Co.
Telectro Industrial Electronics Co.
Telectro Industrial Corp.
Terminal Radio Corp.

#### Microfrarad

Ballantine Labs., Inc. Epic, Inc. Hammett Electric Co. Gerard G. Leeds Co., Inc. Terminal Radio Corp.

#### Microvolt

Alpha Instrument Co.
Boonton Electronics Corp.
Empire Products Sales Corp.
Epic, Inc.
Thomas T. Fox Co.
Hammett Electric Co.
Hickok Electrical Instrument Co., The
Kay Electric Co.
Keithley Instruments, Inc.
Gerard G. Leeds Co., Inc.
Leeds & Northrup Co.,
Minneapolis-Honeywell Regulator Co., Indust.
Div. Div.
Simpson Electric Co.
Southwestern Industrial Electronics Co.
Sun Electric Corp.
Terminal Radio Corp.
Wacline, Inc.

#### Microwave

Airtron, Inc.
Amerac Inc.
California Technical Industries, Div.-Textron Inc.
Demornay-Bonardi
Diamond Antenna & Microwave Corp.
Douglas Microwave Co., Inc.
Electro Impulse Lab., Inc.
Thomas T. Fox Co.
Hammett Electric Co.
Microwave Electronics Div., Sperry Gyroscope
Co. Microwave cleenons of Co.
Co.
Narda Microwave Corp., The
\*TELERAD MFG. CORP.
Terminal Radio Corp.
Uniwave, Inc.
Wacline, Inc.
Waveline, Inc.

Milliampere

Alto Scientific Co., In American Metrix Corp. Assembly Products, Inc.

Dejur-Amsco Corp.
Electric Design & Mfg. Co.
Electro-Tech Equipment Co.
Ejic, Inc.
General Electric Co., Apparatus Sales Div.
Hammett Electric Co.
Hickok Electrical Instrument Co., The
Keithley Instruments, Inc.
Gerard G. Leeds Co., Inc.
Marion Electrical Instrument Co.
Meters Inc.
Minneapolis-Honeywell Regulator Co., Indust.
Div. Minneapolis-Honeywell Regulator Co.,
Div.
Non-Linear Systems Inc.
Phaostron Instrument & Electronic Co.
Precision Apparatus Co., Inc.
Q. V. S. Inc.
Simpson Electric Co.,
Southwestern Industrial Electronics Co.
Southwestern Industrial Electronics Co.
Sun Electric Corp.
Terminal Radio Corp.
Wacline, Inc.

#### Millivolt

Millivolt

Alpha Instrument Co.
Alto Scientific Co., Inc.
American Metrix Corp.
Assembly Products, Inc.
Ballantine Labs., Inc.
Bergen Labs.
Boonton Electronics Corp.
Curtiss-Wright Corp., Electronics Div.
Daven Co., The
Davenport Mfg. Co.
Dejur-Amsco Corp.
Dunlap Electronics, Inc.
Electric Design & Mfg. Co.
Epic, Inc.
Fisher Research Lab., Inc.
John Fluke Mfg. Co., Inc.
General Electric Co., Apparatus Sales Div.
Hammett Electric Co., Apparatus Sales Div.
Hammett Electric Co.
Hickok Electrical Instrument Co., The
Industrial Control Co.
\*KAHN & CO., INC.
Keithley Instruments, Inc.
Gerard G. Leeds Co., Inc.
Meters Inc.
Minneapolis-Honeywell Regulator Co., Indust.
Div.
F. L. Moseley Co. Minneapolis-Honeywell Regulator Co.
Div.
F. L. Moseley Co.
North Atlantic Industries, Inc.
Phaostron Instrument & Electronic Co.
Precision Apparatus Co., Inc.
O. V. S. Inc.
Simpson Electric Co.
Southwestern Industrial Electronics Co.
Sun Electric Corp.
Terminal Radio Corp.
Thermo Electric Co., Inc.

#### Modulation

Hammett Electric Co.
Hammett Electric Co.
Gerard G. Leeds Co., Inc.
Southwestern Industrial Electronics Co.
Telectro Industries Corp.
Terminal Radio Corp.
Varo Mfg. Co.

#### Moisture, Electronic

Alpha Instrument Co.
Consolidated Electrodynamics Corp.
Electronic Measurements Corp.
Hamment Electric Co.
Marconi Instruments
Moisture Register Co.
Terminal Radio Corp.

#### Multimeter

Multimeter

American Metrix Corp.
\*ANTON ELECTRONIC LABS., INC.
Ballantine Labs., Inc.
Daven Co., The
Dejur-Amsco Corp.
Electro-Tech Equipment Co.
Hammett Electric Co.
Instrument Laboratories
Gerard G. Leeds Co., Inc.
Non-Linear Systems Inc.
Phaostron Instrument & Electronic Co.
Precision Apparatus Co., Inc.
\*\*RHEEM MFG. CO., ELECTRONICS DIV.
Simpson Electric Co., Southwestern Industrial Electronics Co.
Southwestern Industrial Electronics Co.
Sun Electric Corp.
Terminal Radio Corp.
Wacline, Inc.

#### Multiplier

Daven Co., The Electro-Tech Equipment Co. Hammert Electric Co. Simpson Electric Co. Southwestern Industrial Electronics Co. Terminal Radio Corp.

## Noise, Electrical Measurement

Acton Laboratories Inc. Airborne Instruments Lab., Inc.

## . . . checkout

3'ush Instruments, D.v. Clevite Corp.
Chesapeale Instrument Corp.
Empire Products Sales Corp.
Hammett Electric Co.
Kay Electric Co.
Gerard G. Leeds Co., Inc.
Terminal Radio Corp.
Western Electro-Acoustic Lab.

#### Ohm

Ohm

Alpha Instrument Co.
American Metrix Corp.
Associated Research, Inc.
Bergen Labs.
James G, Biddle Co.
Davenport Mg. Co.
J. W. Dice Co.
Electric Auto-Lite Co., The
Epic, Inc.
Hammett Electric Co.,
Cerard G. Leeds Co., Inc.
Leeds & Northrup Co.
Meters Inc.
Non-Linear Systems Inc.
Non-Linear Systems Inc.
Q. V. S. Inc.
Simpson Electric Co.
Southwestern Industrial Electronics Co.
Southwestern Industrial Electronics Co.
Southeetric Corp.
Terminal Radio Corp.

#### Output, Electrical Measurement

American Metrix Corp.
Hammett Electric Co.
Gerard G. Leeds Co., Inc.
Precision Apparatus Co., Inc.
Sun Electric Corp.
Terminal Radio Corp.
Wacline, Inc.

#### Output, R-F

Boonton Electronics Corp.
Daven Co., The
General Electric Co., Apparatus Sales Div.
Hammett Electric Co.
Kay Electric Co.
Gerard G. Leeds Co., Inc.
Sun Electric Corp.
Telectro Industries Corp.
Terminal Radio Corp.
Wacline, Inc.

#### Panel

American Metrix Corp.
Assembly Products, Inc.
Dejur-Amsco Corp.
Electric Design & Mfg. Co.
Electro-Tech Equipment Co.
Hammert Electric Co.
Hickok Electrical Instrument Co., The
Leeds & Northrup Co.
Marion Electrical Instrument Co.
Merion Electrical Instrument Co.
Meters Inc.
Precision Apparatus Co., Inc.
Q. V. S. Inc.
Simpson Electric Co.
Sun Electric Corp.
Terminal Radio Corp.
Trio Laboratories, Inc.
Wacline, Inc.

#### Ph Meters, Recorders & Comparators

Hammett Electric Co. Leeds & Northrup Co. Minneapolis-Honeywell Regulator Co., Indust. Div.
Photovolt Corp.
Polarad Electronics Corp.
Terminal Radio Corp.

#### Phase

Mase
Acton Laboratories Inc.
Bergen Labs.
Electro-Tech Equipment Co.
Hammeth Electric Co.
Hickok Electrical Instrument Co., The
North Atlantic Industries, Inc.
Ryan Aeronautical Co.
Systron Corp.
Telechrome Mig. Corp.
Terminal Radio Corp.
Theta Instrument Corp.
Trio Laboratories, Inc.
Varo Mig. Co.
Weston Hydraulics, Ltd.
Wintronics

#### Photoelectric Reflection

Eldorado Electronics Hammett Electric Co. Photovolt Corp. Terminal Radio Corp.

#### Power Output

Daven Co., The
Ess Instrument Co.
General Electric Co., Apparatus Sales Div.
Hammett Electric Co.
Hickok Electrical Instrument Co., The
Gerard G. Leeds Co., Inc.
Microwave Electronics Div., Sperry Gyroscope
Co.
Terminal Radio Corp.

Pressure \*AEROTEST LABORATORIES, INC.
Barton Instrument Corp.
Consolidated Controls Corp.
Consolidated Electrodynamics Corp.
Decker Corp., The
Dynamic Instrument Co., Inc.
Fischer & Porter Co.
\*GARRETT CORP., THE, AIRESEARCH MFG.
DIVS. GARKEIT CORP., THE, AIRESEARCH MPG.
DIVS.
Hagan Chemicals & Controls, Inc.
Hammett Electric Co.
Kollsman Instrument Corp., Sub.—Standard Coil
Products Co. Inc.
Minneapolis-Honeywell Regulator Co., Indust.
Div.

Minneapolis-Honeywell Regulator Co., Indust.
Div.
Northam Electronics, Inc.
ROCHESTER MFG. CO. INC.
Servomechanisms, Inc.
Systron Corp.
Terminal Radio Corp.
U. S. Gauge Div., American Machine & Metais, Inc.

Pyrometer Barnes Engineering Co. Eisler Engrg. Co., Inc. Electro-Tech Equipment Co. Electro-lech Equipment Co. Epic, Inc. General Electric Co., Apparatus Sales Div. Hammett Electric Co. Hickok Electrical Instrument Co., The Illinois Testing Laboratories, Inc. Leeds & Northrup Co. Meters Inc. Div.
Phaostron Instrument & Electronic Co.
Pyrometer Instrument Co., Inc.
Terminal Radio Corp.

## φ

Alpha Instrument Co. Boonton Radio Corp. Hammett Electric Co. Kay Electric Co. Marconi Instruments Terminal Radio Corp.

#### Radiation, Nuclear

Baird-Atomic, Inc. Hammett Electric Co. Jordan Electronics, Div.-Victoreen Instrument Co. Co.
Landsverk Electrometer Co.
Gerard G. Leeds Co., Inc.
Menlo Research Lab.
Nuclear-Chicago Corp.
Radiation Counter Labs., Inc.
Radiation Instrument Development Laboratory, Inc. Systron Corp.
Terminal Radio Corp.

#### Rate

Baird-Atomic, Inc.
Erie Resistor Corp.
Hamment Electric Co.
Instruments Div.-Philips Electronics, Inc.
Gerard G., Leeds Co., Inc.,
Milian Div., Paul Omohundro Co.
Potter Aeronautical Corp.,
Radiation Counter Labs., Inc.
Systron Corp.,
Terminal Radio Corp.

#### Ratio

Ratio

Baird-Atomic, Inc.
Barton Instrument Corp.
Brunswick Instruments
Dynac, Inc.
Fischer & Porter Co.
Guardian Electric Mfg. Co.
Hagan Chemicals & Controls, Inc.
Hammett Electric Co.
Hickok Electrical Instrument Co., The
Gerard G. Leeds Co., Inc.
Non-Linear Systems Inc.
Potter Aeronautical Corp.
Terminal Radio Corp.
Transformers, Inc.

#### Recording

Antlab Inc. Electro-Tech Equipment Co. Fischer & Porler Co. General Electric Co., Apparatus Sales Div. Hammett Electric Co.

Gerard G. Leeds Co., Inc. Leeds & Northrup Co. Minneapolis-Honeywell Regulator Co., Indust. Div.
Potter Aeronautical Corp.
Research Appliance Co.
Telectro Industries Corp.
Terminal Radio Corp.

#### R-F Power

Aircom Inc.
Brunswick Instruments
Electro Impulse Lab., Inc.
Hammett Electric Co.
Hickok Electrical Instrument Co., The
Gerard G. Leeds Co., Inc.
Marconi Instruments
Polarad Electronics Corp.
\*TELERAD MFG, CORP.
Terminal Radio Corp.
Wacline, Inc.

#### Snap Around

Electro-Tech Equipment Co. Hammett Electric Co. Terminal Radio Corp.

#### Sound Level

Chesapeake Instrument Corp.
Daven Co., The
Electro-tech Equipment Co.
Hammett Electric Co.
Hickok Electrical Instrument Co., The
Kay Electric Co.
Herman Hosmer Scott, Inc.
Simpson Electric Co.
Terminal Radio Corp.
Western Electro-Acoustic Lab.

#### Spectral

Baird-Atomic, Inc.
General Electric Co., Apparatus Sales Div.
Hammett Electric Co.
Polarad Electronics Corp.
Terminal Radio Corp.

#### Standing Wave Radio

STANDING YVAVE RADIO

Alpha Instrument Co.

Alto Scientific Co., Inc.
Browning Laboratories, Inc.
California Technical Industries, Div.-Textren Inc.
\*DALMO VICTOR CO., DIV.-TEXTRON INC.
Electro Impulse Lab., Inc.
Hammett Electric Co.
E. F. Johnson Co.
Microwave Electronics Div., Sperry Gyroscope
Co. Co. Terminal Radio Corp. Uniwave, Inc.

#### Tachometer

Acromag Inc.
Amthor Testing Insrtument Co., Inc.
Associated Research, Inc.
Jamas G. Biddle Co.
Computer-Measurements Corp.
Consolidated Airborne Systems, Inc.
Dynac Inc.
Dynac Inc. Consolidated Airborne System Dynac, Inc. Electric Auto-Lite Co., The Electro Products Labs., Inc. Electro-Tech Equipment Co. Electro-Tech Equipment Co.
Epic, Inc.
Geartronics Corp.
General Electric Co., Apparatus Sales Div.
Hammett Electric Co.
I-L-S Instrument Corp., Sub.—Standard Coil
Products Co. Inc.
Potter Aeronautical Corp.
Southwestern Industrial Electronics Co.
Sun Electric Corp.
Terminal Radio Corp.
Uniwave, Inc.
Wacline, Inc.

#### Tension

Daytronic Corp. Hammett Electric Co. Terminal Radio Corp. Wacline, Inc.

#### Thermocouple

Acromag Inc.
Assembly Products, Inc.
Avien, Inc.
Consolidated Controls Corp.
Electric Auto-Lite Co., The
Electro-Tech Equipment Co. Electro-Tech Equipment Co. Epic, Inc.
General Electric Co., Apparatus Sales Div. Hammett Electric Co. Hickok Electrical Instrument Co., The Illinois Testing Laboratories, Inc. Gerard G. Leeds Co., Inc. Leeds & Northrup Co. Lewis Engra. Co., The Minneapolis-Honeywell Regulator Co., Indust. Div. Div.
Pyrometer Instrument Co., Inc.
Royco Instruments

Simpson Electric Co. Terminal Radio Corp. Thermo Electric Co., Inc. Wacline, Inc.

#### Thermometer

Thomas A. Edison Ind., Instrument Div.—
McGraw-Edison Co.
Electric Auto-Lite Co., The
Electro-Tech Equipment Co.
General Electric Co., Apparatus Sales Div.
Hammett Electric Co.
Illinois Testing Laboratories, Inc.
Lewis Engrg. Co., The
Minco Products, Inc.
Linneapolis-Honeywell Regulator Co., Indust.
Div. Minneapous-rone, no.
Div.
Palmer Thermometers, Inc.
Powers Regulator Co., The.
PROCHESTER MFG. CO. INC.
Simpson Electric Co.
Terminal Radio Corp.

#### Thrust

B & F Instruments, Inc.
Consolidated Controls Corp.
\*GARRETT CORP., THE, AIRESEARCH MFG. DIVS.
Hammett Electric Co.,
Minneapolis-Honeywell Regulator Co., Indust. Minineapolis-Honeywell Regulator Co., Indust. Div. Photocon Research Products Terminal Radio Corp. U. S. Gauge Div., American Machine & Metals, Inc.

#### Time

Bergen Labs.
M. Ducommun Co.
Electro-Tech Equipment Co.
\*GARREIT CORP. THE, AIRESEARCH MFG. DIVS.
General Electric Co.
\*A. W. HAYDON CO. THE
Haydon Div.-General Time Corp.
Terminal Radio Corp.
Wacline, Inc.

#### Torque

B & F Instruments, Inc.
Bergen Labs.
Consolidated Controls Corp.
General Electric Co., Apparatus Sales Div.
Hammett Electric Co.
Hickok Electrical Instrument Co., The
Minneapolis-Honeywell Regulator Co., Indust.
Div. minicapolis-noieywell Regulator Co., Musis. Div. Terminal Radio Corp. U. S. Gauge Div., American Machine & Metals, Inc.

#### Ultra-Violet

Alpha Instrument Co. Hammett Electric Co. Menlo Research Lab. Process & Instruments Terminal Radio Corp. Ultra-Violet Products, Inc.

#### Vacuum Tube Volt

Accum Tube Volt
Acton Laboratories Inc.
Alto Scientific Co., Inc.
Ballantine Labs., Inc.
Boonton Electronics Corp.
Consolidated Electrodynamics Corp.
Davenport Mfg. Co.
Hammett Electric Co.
Hickok Electrical Instrument Co., The
Kay Electric Co.
Keithley Instruments, Inc.
Gerard G. Leeds Co., Inc.
Leitch Engrg. Corp.
North Atlantic Industries, Inc.
Southwestern Industrial Electronics Co.
Terminal Radio Corp.
Trio Laboratories, Inc.
Waveforms, Inc.

#### Vibrating Reed

James G. Biddle Co. Hammett Electric Co. Terminal Radio Corp.

#### Vibration

Columbia Research Labs. Consolidated Electrodynamics Corp. Consolidated Electrodynamics Corp.
Epic, Inc.
Hammett Electric Co.
\*KAHN & Co., INC.
Kay Electric Co.
MB Mfg. Co.,
Southwestern Industrial Electronics Co.
Terminal Radio Corp.

#### Viscosity, Electronic

Electronic Measurements Corp. Hammett Electric Co. Hickok Electrical Instrument Co., The Terminal Radio Corp.

#### Volt-Ohm, Electronic

Associated Research, Inc.
Bergen Labs.
Electronic Associates, Inc.
Electronic Associates, Inc.
Electronic For Equipment Co.
Hammett Electric Co.
Hickok Electrical Instrument Co., The
Gerard G. Leeds Co., Inc.
Non-Linear Systems Inc.
Precision Apparatus Co., Inc.
Southwestern Industrial Electronics Co.
Systron Corp.
Terminal Radio Corp.
Trio Laboratories, Inc.

#### Watt

Bergen Labs. Chemalloy Electronics Corp. Electro Impulse Lab., Inc. Electro-Tech Equipment Co. Electro-Tech Equipment Co.

John Fluke Mfg. Co., Inc.

General Electric Co., Apparatus Sales Div.

Hammett Electric Co.

Hickok Electrical Instrument Co., The

Microwave Electronics Div., Sperry Gyroscope Co.
Terminal Radio Corp.

\*WESTINGHOUSE ELECTRIC CORP.

General Electric Co., Apparatus Sales Div. Hammett Electric Co. Sangamo Electric Co. Southwest Products Co. Terminal Radio Corp. \*WESTINGHOUSE ELECTRIC CORP.

#### Wave

Aircom Inc.
Amerac Inc.
Electronic Mechanics, Inc.
Hammett Electric Co.
Kay Electric Co.
Microwave Electronics Div., Sperry Gyroscope

Microwave Electronics
Co.
Radar Design Corp.
\*TELERAD MFG. CORP.
Terminal Radio Corp.
Uniwave, Inc.
Wacline, Inc.
Waveline, Inc.

# MICA, GLASS BONDED

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## MICROMETERS, ELECTRONIC

Decker Corp., The J. W. Dice Co. Hammett Electric Co.

#### MICRO-OHMMETERS

Hammett Electric Co. Simpson Electric Co. Southwestern Industrial Electronics Co. Transvision, Inc.

#### MIRRORS, INSPECTION

American Optical Co., Instrument Div.

\*BAUSCH & LOMB OPTICAL CO.

Buhl Optical Co.

Engrg. Developments, Inc.

J. W. Fecker, Inc., Sub.-American Optical Co.

Lancaster Glass Corp.

Pacific Universal Products Corp.

## MIRRORS, SPECIAL PURPOSE

MIRRORS, SPECIAL PURPOSE

Acme Industrial Co., Instrument Div.
Atlantic Research Corp.
Baird-Atomic, Inc.
\*\*8BAUSCH & LOMB OPTICAL CO.
Buil Optical Co.
Davidson Mfg. Co.
Eastman Kodak Co.
J. W. Fecker, Inc., Sub.-American Optical Co.
Lancaster Glass Corp.
Metavac, Inc.
Optomechanisms, Inc.
Pacific Universal Products Corp.
Zenith Optical Laboratory

#### NUCLEAR

\*\*ANTON ELECTRONIC LABS., INC.
BJ Electronics, Borg-Warner Corp.
Baird-Atomic, Inc.
Eldorado Electronics
Garde Mfg. Co.
Nuclear-Chicago Corp.
Nuclear Corp. of America, Inc.
Patterson, Moos Div.-Universal Winding Co., Inc.
Telectro Industries Corp.
Terminal Radio Corp.

#### Analyzers, Coincidence

BJ Electronics, Borg-Warner Corp.
Baird-Atomic, Inc.
Eldorado Electronics
Nuclear Corp. of America, Inc.
Patterson, Moos Div-Universal Winding Co., Inc.
Radiation Counter Labs., Inc.
Radiation Instrument Development Laboratory,
Inc.
Telectro Industries Corp.
Terminal Radio Corp.

#### Analyzers, Neutron Absorption

American Electronics, Inc.
Baird-Atomic, Inc.
Eldorado Electronics
Electronic Instrumentation Co., Div.-Ramo-Woolding Corp.
Nuclear Corp. of America, Inc.
Patierson, Moos Div.-Universal Winding Co., Inc.
Radiation Instrument Development Laboratory, Inc. Inc.
Telectro Industries Corp.
Terminal Radio Corp.

#### Analyzers, Spectrum

BJ Electronics, Borg-Warner Corp.
Baird-Atomic, Inc.
Consolidated Electrodynamics Corp.
Eldorado Electronics
Nuclear-Chicago Corp.
Nuclear Corp. of America, Inc.
Radiation Counter Labs., Inc.
Radiation Instrument Development Laboratory,
Inc. Inc.
Telectro Industries Corp.
Terminal Radio Corp.

#### Assemblies, Shield

Baird-Atomic, Inc. General Nuclear Corp. Nuclear-Chicago Corp. Nuclear Corp. of America, In Radiation Counter Labs., Inc. Telectro Industries Corp. Terminal Radio Corp.

#### Badges, Radiation

American Electronics, Inc.
Eastman Kodak Co.
Gerard G. Leeds Co., Inc.
Nemeth, Inc.
Nuclear-Chicago Corp.
Nuclear Corp. of America, Inc.
Patterson, Moos Div.-Universal Winding Co., Inc.
Sohl Co., The
Telectro Industries Corp.
Terminal Radio Corp.

#### Counters

American Electronics, Inc.

\*ANTON ELECTRONIC LABS., INC.
BJ Electronics, Borg-Warner Corp.
Baird-Atomic, Inc.
General Nuclear Corp.
Gerard G. Leeds Co., Inc.
Menlo Research Lab.
Northeastern Engrg. Inc.
Nuclear-Chicago Corp.
Nuclear Corp. of America, Inc.
Radiation Counter Labs., Inc.
Radiation Instrument Development Laboratory, Inc. Inc.
Stanley Aviation Corp.
Systron Corp.
Telectro Industries Corp.
Terminal Radio Corp.
\*WESTINGHOUSE ELECTRIC CORP.

#### Crystals

\_rystals
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Baird-Atomic, Inc.
Garde Mig. Co.
Menlo Research Lab.
Nuclear-Chicago Corp.
Nuclear-Corp. of America, Inc.
Patterson, Moos Div.-Universal Winding Co., Inc.
Radiation Counter Labs., Inc.
Reeves-Hoffman Div.
Telectro Industries Corp.
Terminal Radio Corp.

#### Detectors

Defectors

BJ Electronics, Borg-Warner Corp.
Baird-Atomic, Inc.
Cuno Engrg. Corp., The
Garde Mig. Co.
General Nuclear Corp.
Menlo Research Lab.
Nuclear-Chicago Corp.
Nuclear-Chicago Corp.
Nuclear-Chicago Corp.
Patterson, Moos Div.-Universal Winding Co., Inc.
Patterson, Moos Div.-Universal Winding Co., Inc.
Stanley Aviation Corp.
Telectro Industries Corp.
Termianl Radio Corp.

#### Indicators, Radiation

American Electronics, Inc.

## . . . checkout

\*ANTON ELECTRONIC LABS., INC.
BJ Electronics, Borg-Warner Corp.
Baird-Atomic, Inc.
Curtiss-Wright Corp., Electronics Div.
Eldorado Electronics, Div.-Victoreen Instrument Co.
Menlo Research Lab.
Moran Instrument Corp.
Nuclear Corp. of America, Inc.
Patterson, Moos Div.-Universal Winding Co., Inc.
Radiation Counter Labs., Inc.
Riggs Nucleonic Co.
Telectro Industries Corp.
Terminal Radio Corp.

#### Meters, Dosimeter

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\*ANTON ELECTRONIC LABS., INC.
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Baird-Adromic, Inc.
Cambridge Instrument Company, Inc.
Menlo Research Lab.
Nuclear-Chicago Corp.
Nuclear Corp. of America, Inc.
Radiation Counter Labs., Inc.
Telectro Industries Corp.
Terminal Radio Corp.

Meters, Nuclear Radiation

Meters, Nuclear Radiation

\*ANTON ELECTRONIC LABS, INC.
BJ Electronics, Borg-Warner Corp.
Baird-Atomic, Inc.
Electronic Instrumentation Co., Div.—RamoWooldridge Corp.
Jordan Electronics, Div.-Victoreen Instrument Co.
Co.
Menlo Research Lab.
Moran Instrument Corp.
Nuclear-Chicago Corp.
Nuclear Corp. of America, Inc.
Radiation Counter Labs., Inc.
Riggs Nucleonic Co.
Telectro Industries Corp.
Terminal Radio Corp.

#### Radioactive Stak

Nuclear Corp. of America, Inc. Radiation Counter Labs., Inc. Telectro Industries Corp. Terminal Radio Corp. United States Radium Corp.

#### Tubes, Scintillation

Farnsworth Electronics Co., Div.-Int'l Telephone & Telegraph Corp. Nuclear-Chicago Corp. Nuclear Corp. of America, Inc. Radiation Counter Labs., Inc. Telectro Industries Corp. Terminal Radio Corp. \*WESTINGHOUSE ELECTRIC CORP.

#### Tubes, Geiger Counter

NODES, GEIGER COUNTER
\*\*ANTON ELECTRONIC LABS., INC.
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Instruments Div-Philips Electronics, Inc.
Nuclear-Chicago Corp.
Nuclear Corp. of America, Inc.
Radiation Counter Labs., Inc.
Telectro Industries Corp.
Terminal Radio Corp.

#### PHASE ANALYZERS

PHASE ANALYZERS

American Electronics, Inc., Data-Tronics Div.
Brush Instruments, Div.-Clevite Corp.

\*DATA-CONTROL SYSTEMS INC.
General Electric Co., Apparatus Sales Div.
Hallamore Electronics Co., Haller Raymond & Brown Inc.
Halmert Electric Co.
North Atlantic Industries, Inc.
Nuclear Corp. of America, Inc.
Ryan Aeronautical Co.
Telechrome Mig. Corp.
Telectro Industries Corp.
Theta Instrument Corp.
Yaro Mig. Co.
Wintronics

#### **PHASEMETERS**

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\*DATA-CONTROL SYSTEMS INC.
General Electric Co., Apparatus Sales Div.
Hallamore Electronics Co.
Harmett Electric Co., Mercury International Industries Inc.
North Atlantic Industries, Inc.
Ryan Aeronautical Co.
Systron Corp.
Telechrome Mig. Corp.
Telectro Industries Corp.
Theta Instrument Corp. Trio Laboratories, Inc. Varo Mfg. Co. Wintronics

#### PICKUPS, PRESSURE

PICKUPS, PRESSURE

Atlantic Research Corp.
BJ Electronics, Borg-Warner Corp.
Baldwin-Lima-Hamilton Corp., Electronics & Instrumentation Divs.
Consolidated Electrodynamics Corp.
Dynamic Instrument Co., Inc.
Edcliff Instrument
Enderco Corp.
Earchild Camera & Instrument Corp., Industrial
Camera Div.
Fairchild Controls Corp., Components Div.
\*GARRETT CORP., THE, AIRESEARCH MFG. DIVS.
Haller Raymond & Brown Inc.
Haller Raymond & Brown Inc.
Kollsman Instrument Corp., Sub.—Standard Coil
Products Co.
Mcroducts Co.
Mcroducts Research Products
Servomechanisms, Inc.
Trans-Sonics, Inc.
Ultradyne, Inc.

#### PICKUPS, TEMPERATURE

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Allegany Instrument Co., Inc.
Arnoux Corp.
Atlantic Research Corp.
Conax Corp.
Electronic Processes Corp. of California Fenwal Inc.

\*\*GARETI CORP., THE, AIRESEARCH MFG, DIVS.

Haller Raymond & Brown Inc.

Illinois Testing Laboratories, Inc.

Rahm Instruments, Div.-American Machine &

Metals, Inc.

Trans-Sonics, Inc.

United Control Corp.

42p-Air Div., Vapor Heating Corp. Inc

#### POTENTIOMETERS, ABSOLUTE PRESSURE

Brush Instruments, Div.-Clevite Corp.
Computer Instruments Corp.
Edcliff Instruments
Fairchild Controls Corp., Components Div.
Friez Instrument Div.-Bendix Aviation Corp.
\*\*GARRETT CORP. THE, AIRESEARCH MFG. DIVS.
Greenleaf Mfg. Co., The, Div.-Mandrel Industries Inc.
Iron Fireman Mfg. Co., Electronics Div.
Rahm Instruments, Div.-American Machine &
Metals, Inc. Rahm Instruments, Div.-,
Metals, Inc.
Servonic Instruments, Inc.
Trans-Sonics, Inc.

#### POTENTIOMETERS, DIFFERENTIAL PRESSURE

FIRESUME

Brush Instruments, Div.-Clevite Corp.
Computer Instruments Corp.
Edcliff Instruments
Fairchild Controls Corp., Components Div.
Friez Instrument Div.-Bendix Aviation Corp.,
\*GARREIT CORP., THE, AIRESEARCH MFG. DIVS.
General Electric Co., Apparatus Sales Div.
Greenleaf Mfg. Co., The, Div.-Mandrel Industries Inc. tries Inc.
Iron Fireman Mfg. Co., Electronics Div.
Rahm Instruments, Div.-American Machine & Metals, Inc.
Servonic Instruments, Inc.
Trans-Sonics, Inc.

#### PRESSURE INSTRUMENTS Baldwin-Lima-Hamilton Corp., Electronics &

Baldwin-Lima-Hamilton Lorp., Electronics & Instrumentation Divs.
Brush Instruments, Div.-Clevite Corp.
Computer Instruments Corp.
Consolidated Electrodynamics Corp.
Crescent Engrg. & Research Co.
Datran Electronics, Div.—Mid-Continent Mfg., Inc. Crescent Engrg, & Research Co.
Datran Electronics.
Div.—Mid-Continent Mfg.,
Dynametrics Corp.
Dynametrics Corp.
Dynamic Instrument Co., Inc.
Edcliff Instruments
Thomas A. Edison Ind., Instrument Div.—McGraw-Edison Co.
Fisc. Instrument Div.-Bendix Aviation Corp.
\*GARRETT CORP., THE, AIRESEARCH MFG. DIVS.
Greenleaf Mfg. Co., The, Div.-Mandrel Industries Inc.
Hagan Chemicals & Controls, Inc.
Hammet Electric Co.
E. Vernon Hill & Co.
Iron Fireman Mfg. Co., Electronics Div.
Photocon Research Products
Rahm Instruments, Div.-American Machine &
Metals, Inc.
Trans-Sonics, Inc.
Trans-Sonics, Inc.
Trans-Sonics, Inc.

#### PYROMETERS, OPTICAL

Electro-Tech Equipment Co.

Epic, Inc. Leeds & Northrup Co. Pyrometer Instrument Co., Inc.

#### PYROMETERS, RADIATION

Barnes Engineering Co. Electronic Control Corp. Electro-Tech Equipment Co. Electro-leck Equipment Co. Epric, Inc. Farnsworth Electronics Co., Div.-Int'l Telephone & Telegraph Corp. Leeds & Northrup Co. Minneapolis-Honeywell Regulator Co., Indus. Div. Pyrometer Instrument Co., Inc. Servo Corp. of America

#### PYROMETERS, RESISTANCE

Electro-Tech Equipment Co.
General Electric Co., Apparatus Sales Div.
Hagan Chemicals & Controls, Inc.
Hickok Electrical Instrument Co., The
Illinois Testing Laboratories, Inc.
Leeds & Northrup Co.
Minneapolis-Honewell Regulator Co., Indust. Div. Thermo Electric Co., Inc.

#### **SWITCHES**

\*MISSILE COMPONENTS GROUP, ELECTRO-SNAP SWITCH & MFG. CO.

#### TACHOMETERS. ELECTRONIC

Acromag Inc.
American Electronics, Inc.
Associated Research, Inc.
8 & H Instrument Co., Inc.
Burroughs Corp., Electronic Tube Div.
Cardinal Instrumentation Corp.
Computer-Measurements Corp.
Cnosolidated Airborne Systems, Inc.

Chosolidated Arruballo Cyanac, Inc.
Dynac, Inc.
Erie Resistor Corp.
\*GARREIT CORP., THE AIRESEARCH MFG. DIVS.
Potter Aeronautical Corp.
Uniwave, Inc.
Wacline, Inc.

#### **TIMERS**

Aemco Inc.
Advanced Products Co., The
Advanced Products Co., The
Advanced Products Co., The
Alden Electronic & Impulse Recording Equip Co.
Allegany Instrument Co., Inc.
Beattie Coleman, Inc.
Burroughs Corp.
Consolidate Coleman, Inc.
Burroughs Corp.
Consolidate Coleman, Inc.
Burroughs Corp.
Consolidate Corp.
Consolida

Industrial Electronic Engineers

KAHN & CO., INC.

Jas. P. Marsh Corp.

Mast Development Co., Inc.

Mechanical Div.-General Mills, Inc.

Minneapolis-Honeywell Regulator Co., Aeronautical Div.

Minneapolis-Honeywell Regulator Co., Ordnance Minneapolis-Honeywell Regulator Co., Ordnance Div.
Nuclear-Chicago Corp.
Paragon Electric Co.
Radio Corporation of America, Defense Electronic Products Corporation Industries Corp.
Thompson-Ramo-Wooldridge Products Co., The Venaline Products Co.
Wakmaan Watch Co. Inc.
Waveguide, Inc.
G. C. Wilson & Co.

#### Automatic Cycle

AUTOMATIC Cycle

AEMCO Inc.

Abrams Instrument Corp.

Advanced Products Co., The
Adden Electronic & Impulse Recording Equip
Co.

Amglo Corp.

Baird-Atomic, Inc.

Beattle-Coleman, Inc.

Consolidated Avionics Corp.

Cutler-Hammer Inc.

Henry G. Dietz Co., Inc., The

Electronic Techniques, Inc.
Electro-Tech Equipment Co.
Eigin Micronics, West Coast Div.-Elgin National
Watch Co.
Exact Engrg. & Mfg. Inc.
General Electric Co., Apparatus Sales Div.
Greenleaf Mfg. Co., The, Div.-Mandrel Industries Inc.
Hamilton Watch Co., Military Products Div.
Hammett Electric Co.
A. W. HAYDON CO., THE
Haydon Div.-General Time Corp.
Hupp Instrumation, Div.-Erie-Pacific
Industrial Electronic Engineers
Jordan Electronics, Div.-Victoreen Instrument
Co. Industrial Electronics, Div.-Victoreen Instrument Co.
Co.
P. R. Mallory & Co. Inc.
Mast Development Co., Inc.
Minneapolis-Honeywell Regulator Co., Aeronautical Div.
Paragon Electric Co.
Sangamo Electric Co.
Sangamo Electric Co.
Systron Corp.
Technical Oil Tool Corp.
Telectro Industries Corp.
Thompson-Ramo-Wooldridge Products Co., The Vemaline Products Co.
Waugh Engra, Co.
Wayeguide, Inc.
G. C. Wilson & Co.
Zenith Electric Co.

#### Automatic Reset

AEMCO Inc.
Abrams Instrument Corp.
Advanced Products Co., The
Alden Electronic & Impulse Recording Equip
Co. Co. Amglo Corp.
Baird-Atomic, Inc.
Computer-Measurements Corp.
Consolidated Avionics Corp.
Cutler-Hammer Inc.
Henry G. Dietz Co., Inc., The
Electronic Techniques, Inc.
Electro-tech Equipment Co.
Elgin Micronics, West Coast Div.-Elgin National
Watch Co.
Evact Engrg. & Mfg. Inc.
General Electric Co., Apparatus Sales Div.
General Railway Signal Co.
General Sound Control, Inc.
Greenleaf Mfg. Co., The, Div.-Mandrel Industrial Inc. Hamilton Watch Co., Military Products Div. Hammett Electric Co.

\*A. W. HAYDON CO., THE Haydon Div.-General Time Corp. Hupp Instrumation, Div.-Erie-Pacific Industrial Electronic Engineers Lektra Laboratories, Inc.
Lytle Engrg. & Mfg. Co.
P. R. Mallory & Co. Inc.
Mast Development Co., Inc.
Mast Development Co., Inc.
Nemeth, Inc.
Paragon Electric Co.
Photocon Resaerch Products
Systron Corp.
Technical Oil Tool Corp.
Telectro Industries Corp.
Thompson-Ramo-Wooldridge Products Co., The Vemaline Products Co.
Walkirt Co.
Waugh Engrg. Co.
Waveguide, Inc.
G. C. Wilson & Co.
Zenith Electric Co.

#### Automatic Sequence

Abrams Instrument Corp.
Advanced Products Co., The
Alden Electronic & Impulse Recording Equip.
Co. Co.
Amglo Corp.
Baird-Atomic, Inc.
Beattie-Coleman, Inc.
Consolidated Avionics Corp.
\*COOPER DEVELOPMENT CORP. \*COOPER DEVELOPMENT CORP.
Culler-Hammer Inc.
Henry G. Dietz Co., Inc., The
Electronic Engra. Co. of California
Electronic Processes Corp. of California
Electronic Techniques, Inc.
Electro-Enderweit Co.,
Exact Engra. & Mfg. Inc.
General Controls Co.,
General Electric Co., Apparatus Sales Div.
Greenleaf Mfg. Co., The. Div.-Mandrel InDustries Inc.
Hamilton Watch Co., Millitary Products Div.
Hammett Electric Co.
\*A. W. HAYDON CO., THE
Haydon Div.-General Time Corp.
Industrial Electronic Engineers
Jordan Electronics, Div.-Victoreen Instrument
Co.
\*KAHN & CO., INC. \*KAHN & CO., INC. P. R. Mallory & Co. Inc.

Mast Development Co., Inc.
Optimized Devices, Inc.
Paragon Electric Co.
Resdel Engrg. Corp.
Southwestern Industrial Electronics Co. Southwestern Industrial Electronics Co. Systron Corp.
Technical Oil Tool Corp.
Telectro Industries Corp.
Thompson-Ramo-Wooldridge Products Co., The Vap-Air Div., Vapor Heating Corp.
Vemaline Products Co.
Walkirt Co.
G. C. Wilson & Co.
Zenith Electric Co.

#### Clock Radio

Hamilotn Watch Co., Military Products Div. Hammett Electric Co. Mast Development Co., Inc. Telectro Industries Corp.

#### Counting

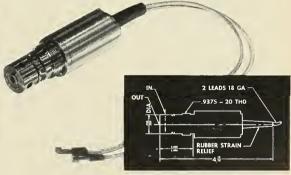
Amglo Corp.

Baird-Atomic, Inc.
Computer-Measurements Corp.
Electro-Tech Equipment Co.
Exact Engrg. & Mfg. Inc.
Hammett Electric Co.
\*A. W. HAYDON CO. THE
Haydon Distrumation, Div.—Erie-Pacific
Lytle Engrg. & Mfg. Co.
Mast Development Co., Inc.
Photocon Research Products
Systron Corp.
Telectro Industries Corp.
Wacline, Inc.
Walkirt Co.
G. C. Wilson & Co.

#### Cycle

AEMCO Inc.
Advanced Products Co., The
Alden Systems Co.
Amglo Corp.
Baird-Atomic, Inc.
Beattie-Coleman, Inc.
Cutler-Hammer Inc.
Electro-Tech Equipment Co.
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Audotron, Inc.
Baird-Atomic, Inc.
Bergen Labs.
Burroughs Corp.
Consolidated Avionics Corp.
Consolidated Avionics Corp.
Consolidated Electrodynamics Corp.
Consolidated Electrodynamics Corp.
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Electronic Associates, Inc.
Electronic Fingra, Co. of California
Electronic Frocesses Corp. of California
Electronics Techniques, Inc.
Electronics Corp. of America
Electronics Corp. of America
Electro-Tech Equipment Co.
Elgin Micronics West Coast Div. Elgin National
Warch Co.
Elgin Micronics West Coast Div. Elgin National
Warch Co.
Erier Resistor Corp.
Exact Engrg. & Mig. Inc.
Eriers Electronics Corp., The
General Electric Co., Apparatus Sales Div.
Hammett Electric Co.
Hammett Electric Co.
KAHN & CO., INC.
Lettra Laboratories, Inc.
Lylle Engrg. & Mig. Co.
P. R. Mallory & Mig. Co.
P. R. Mallory & Mig. Co.
P. R. Mallory & Mig. Co.
Robert & Co. Inc.
Opad Electric Co., The, Electronics Div.
Resdel Engrg. & Mig. Co.
Robert & Mig. Co.
R

Southwestern Industrial Elegation Corp.
Taylor-Winfield Corp., The Felechrome Mfg. Corp.
Telectro Industries Corp.
Tempo Instrument Inc.
Vemaline Products Co.
Walkirt Co.
G. C. Wilson & Co.

#### Hour Counting

Advanced Products Co., The Bergen Labs.
Consolidated Avionics Corp.
Cutter-Hammer Inc.
M. Ducommun Co.
Electro-Tech Equipment Co.
Electro-Tech Equipment Co.
Electro-Tech Equipment Co.
Elgin National Watch Co.
First Electronics Corp. The
Hamilton Watch Co., Military Products D'v.
Hammert Electric Co.
A. W. HAYDON CO.
Hadon Div.-General Time Corp.
Industrial Electronic Engineers
P. R. Mallory & Co. Inc.
Nass Development Co., Inc.
Nemeth, Inc.
Nemeth, Inc.
Systron Corp.
Technical Oil Tool Corp.
Telectro Industries Corp.
Wacline, Inc. Advanced Products Co., The

#### Impulse

mpulse

Baird-Atomic, Inc.
Beattie-Coleman, Inc.
Computer-Measurements Corp.
Electro-Tech Equipment Co.
Erie Resistor Corp.
Erie Resistor Corp.
Exact Engrg. & Mig. Inc.
Hamilton Watch Co., Military Products Div.
Hammett Electric Co.
Haydon Div.-General Time Corp.
Janco Corp.
Lytle Engrg. & Mfg. Co.
Nemeth, Inc. Nemeth, Inc.
Photocon Research Production
Systron Corp.
Telectro Industries Corp.
Walkirt Co. Inc. Research Products

#### Inertia

Eldorado Electronics Exact Engrg. & Míg. Inc. Elgin Micronics West Coast Div. Elgin National Watch Co. Hammett Electric Co. Nemeth, Inc. Technical Oil Tool Corp. Telectro Industries Corp.

#### Interval

Interval

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Abrams Instrument Corp.
Advanced Products Co., The
Amglo Corp.
Beatrie-Coleman, Inc.
Burroughs Corp.
Computer-Measurements Corp.
\*COOPER DEVELOPMENT CORP.
Cutler-Hammer Inc.
Henry G. Dietz Co., Inc., The
Dimco-Gray Co.
Electro-Tech Equipment Co.
Erie Resistor Corp.
Exact Engrg. & Mfg. Inc.
Greenleef Mfg. Co., The., Div.-Mandrel Industries Inc.
Hamilton Watch Co., Military Products Div.
Hammett Electric Co.
\*A. W. HAYDON CO., THE
Hupp Instrumetion, Div.—Erie-Pacific
I.L.S Instrument Corp.
Jordan Electronics, Div.-Victoreen Instrument Co.
Lytle Engrg. & Mfg. Co.
P. R. Mallory & Co. Inc.
Paragon Electronics, Div.-Victoreen Instrument Co.
Ralph M. Parsons Co., The, Electronics Div.
Radiation Counter Labs., Inc.
Radiation Counter Labs., Inc.
Relicator Industries Corp.
Iechnical Oil Tool Corp.
Ielectro Industries Corp.
Iempo Instrument Inc.
Iraid Corp.
Irempo Instrument Inc.
Iraid Corp.
Irempo Instrument Inc.
Iraid Corp.
Zenith Electric Co.
Walkirt Co.
Zenith Electric Co.

Motor Operated

#### Motor Operated

Motor Operated

AEMCO Inc.
Advanced Products Co., The
Amglo Corp.
Beathie-Coleman, Inc.
Cutler-Hammer Inc.
Joe Davidson & Associates
Dimco-Gray Co.
Electro-Tech Equipment Co.
Eligin Micronics, West Coast Div.-Elgin National
Watch Co.
Exact Engrg. & Mig. Inc.
Friez Instrument Div.-Bendix Aviation Corp.
General Railway Signal Co.
General Sound Control, Inc.
Greenleaf Mig. Co., The, Div.-Mandrel Industries Inc.
Hammitton Watch Co., Military Products Div.
Hammet Electric Co.
\*A. W. HAYDON CO., THE
Haydon Div.-General Time Corp.
\*KAHN & CO., INC.
Lytle Engrg. & Mig. Co.
P. R. Mallory Co., Inc.
Minneapolis-Honeywell Regulator Co., Ordnance
Div.
Pacific Div.-Bendix Aviation Corp. Minneapolis-Honeywell Regulator Co., C Div. Pacific Div.-Bendix Aviation Corp. Paragon Electric Co. Spectrol Electronics Div., Carrier Corp. Technical Oil Tool Corp. Telectro Industries Corp. Waveguide, Inc. Zenith Electric Co.

#### Multicontact

Multicontact

AEMCO Inc.
Advanced Products Co., The
Amglo Corp.
Electro-Tech Equipment Co.
Elgin Micronics, West Coast Div.-Elgin Natioanl
Watch Co.
Exact Engrg. & Mfg. Inc.
Hamilton Watch Co., Military Products Div.
Hammert Electric Co.
\*A. W. HAYDON CO., THE
Haydon Div.-General Time Corp.
\*MISSILE COMPONENTS GROUP, ELECTRO-SNAP
SWITCH & MFG. CO.
Paragon Electric Co.
Telectro Industries Corp.
Vap-Air Div., Vapor Heating Corp.
Zenith Electric Co.

#### Percentage

Amglo Corp.
Electro-Tech Equipment Co.
Hammett Electric Co.
Systron Corp.
Telectro Industries Corp.
Zenith Electric Co.

#### Sequence

AEMCO Inc. Abrams Instrument Corp. Advanced Products Co., The Advanced Products Co., The Amglo Corp. Consolidated Avionics Corp. Henry G. Dietz Co., Inc., The Electronic Processes Corp. of California Electronics Corp. of America Electro-Tech Equipment Co.

Exact Engrg. & Mfg. Inc.
Fischer & Porter Co.
General Controls Co.
Hammett Electric Co.
\*A. W. HAYDON CO., THE
Haydon Div. General Time Corp.
Jordan Electronics, Div.-Victoreen Instrument Co.
P. R. Mallory & Co. Inc.
\*MISSILE COMPONENTS GROUP, ELECTRO-SNAP
SWITCH & MFG. CO.
Paragon Electric Co.
Photocon Research Products
Resdel Engrg. Corp.
Southwestern Industrial Electronics Co.
Systron Corp.
Technical Oil Tool Corp.
Telectro Industries Corp.
Thompson-Ramo-Wooldridge Products Co., The
Walkirt Co.
Waveguide, Inc.
Zenith Electric Co.

Special

AEMCO Inc.
Abrams Instrument Corp.
Advanced Products Co., The
Anglo Corp.
Baird-Atomic, Inc.
Beattie-Coleman, Inc.
Bergen Labs.
Consolidated Avionics Corp.
\*COOPER DEVELOPMENT CORP.
Henry G. Dietz Co., Inc., The
M. Ducommun Co.
Edgerton, Germeshausen & Grier, Inc.
Electronics Corp. of America
Electronics Corp.
Elain Micronics, West Coast Div.-Elgin National
Watch Co.
Exact Engra, & Mfg. Inc.,
Friez Instrument Div.-Bendix Aviation Corp.
Hamilton Watch Co., Military Products Div.
Hammett Electric Co.
\*A. W. HAYDON CO., THE
Haydon Div.-General Time Corp.
Jordan Electronics, Div.-Victoreen Instrument Co.
Lektra Laboratories, Inc.
Lytle Engra, & Mfg. Co.
Mast Development Co., Inc.
Minneapolis-Honeywell Regulator Co., Aeronauical Div. Mischel Components GROUP, ELECTRO-SNAP
SWITCH & MFG. CO.
Paragon Electric Co.
Rabph M. Parsons Co., The, Electronics Div.
Resdel Engrg. Corp.
Research, Inc.
Spectrol Electronics Div., Carrier Corp.
Systron Corp.
Telechone Mig. Corp.
Telectro Industries Corp.
Telectro Industries Corp.
Telectro Industries Co.
Walkirt Co.
G. C. Wilson & Co.
Zenith Electric Co. Special

#### Thermal

Thomas A, Edison Ind., Instrument Div.—McGraw-Edison Co.
General Railway Signal Co.
Hammett Electric Co.
E. Vernon Hill & Co.
Relay Sales Inc.
Telectro Industries Corp.
George Ulanet Co.
Vap-Air Div., Vapor Heating Corp.
Wilcolator Co., The

#### Welding, Electronic

Eisler Engrg, Co., Inc.
Ewald Instruments
General Electric Co., Apparatus Sales Div.
Taylor-Winfield Corp., The
Vacuum Tube Products Co. Inc.
G. C. Wilson Co.

#### WARNING UNITS, FUEL PRESSURE

Consolidated Controls Corp.

Dynametrics Corp.

Minneapolis-Honeywell Regulator Co., Aeronautical Div.

Systron Corp.

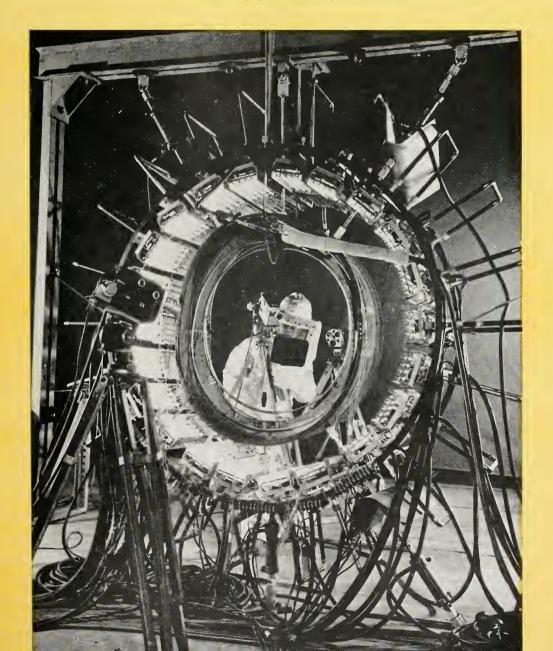
Vemaline Products Co.

#### WARNING UNITS, TEMPERATURE

Consolidated Controls Corp.
Thomas A. Edison Ind., Instrument Div.—McGraw-Edison Co.
Illinois Testing Laboratories, Inc.
Walter Kidde & Co., Inc., Aviation Div.
Minneapolis-Honeywell Regulator Co., Aeronautical Div.
Piezo Products Co.
Systron Corp.
United Control Corp.
Vemaline Products Co.

# TEST EQUIPMENT

This includes everything in missile testing, ranging from checkout equipment through static test stands, launching pads and flight simulators.



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# satisfaction in

# products by PENBERTHY

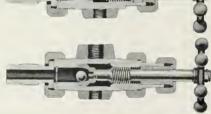
# PENBERTHY Direct Reading LIQUID LEVEL GAGES

- Pressures to 10,000 PSI or higher
- Temperatures sub zero to 750°F. plus
- Positive Accurate Measurement
- Direct Observation of Fluids

In the missile program, Penberthy gages and valves are serving successfully in a variety of applications from testing to fuel loading. They are obtainable in a choice of materials and designs, hoth standard and special, for handling liquids of any kind. Used individually and in sets. All materials are strictly according to ASTM, ASME and API specifications.







REFLEX (fluid shows black)

— 3 pressure groups,
liquid chamber lengths
to 12', feature light
weight, low cost, strength,
safety and durability.
Service to 3000 psig.

TRANSPARENT (for fluid observation) —4 pressure groups, liquid chamber lengths to 12', feature exceptional strength, safety and ruggedness. Service to 10,000 psig.

GAGE VALVES (for tubular and flat glass) — available in selection of materials and designs. Penherthy's patented "floating shank" eliminates assembly difficulties caused by variations in vessel connections.

# Special Service Designs and Accessories

HEATING-COOLING GAGES — To suit conditions where liquid is cooled or heated to stabilize level. Two designs.

FROST PROOF GAGES — Insulates against closure of visibility with frost.

welding pad gages — Provide observation windows as integral part of vessel.

MISCELLANEOUS DESIGNS — Retort chambers, welding-flanged-side connected, plastic or rubber lined units and other special designs -supplied to individual requirements,

ACCESSORIES — Explosion-proof and standard illuminators, protectors, instrument valves, trycocks, drain and vent valves and gage scales,

Write for detailed literature. Penberthy engineers are also at your service for consultation and recommendations.

# (JET PUMPS)

Used increasingly to simplify handling of fluids, vapors, gases and "hot" materials. Steam air and liquid operated for liquid transfer, heating, circulating, aerating, agitating, mixing, pumping, blending, exhausting. Trouble-free. Available in selection of materials. Standard and Special Designs.



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Manufacturers of Quality Products Since 1886



# TEST EQUIPMENT

# ACTUATORS, ELECTRIC

\*ADVANCE GEAR & MACHINE CORP.
Aeroflex Corp., The, Areoflex Labs. Div.
Airborne Accessories Corp.
Applied Dynamics Corp.
Atlantic Research Corp.
Autotron Inc.
\*AVCO MFG. CORP., CROSLEY DIV.
Barber-Colman Co.
Barton Instrument Corp.
CDC Control Services, Inc.
Consolidated Diesel Electric Corp., Test Equip.
Div.

CDC Control Services, Inc.
Consolidated Diesel Electric Corp., Test Equip.
Div.
James Cunningham Son & Co., Inc.
Joe Davidson & Associates
Eclipse-Pioneer Div., Bendix Aviation Corp.
Electronic Communications, Inc.
Exact Engra, & Mfg. Inc.
Foote Brothers Gear & Machine Corp.
Foote Brothers Gear & Machine Corp.
General Controls Co.
General Nuclear Corp.
General Nuclear Corp.
Gray Mfg. Co., The
#GREER HYDRAULICS, INC.
Hammett Electric Co.
\*A. W. HAYDON CO., THE
\*KAHN & CO., INC.
Kearfott Co., Inc.
Lyndon Aircraft, Inc.
Lyndon Aircraft, Inc.
Lyndon Aircraft, Mfg. Co.
Menasco Mg. Co.
\*MISSILE COMPONENTS GROUP, ELECTRO-SNAP
SWITCH & MFG. Co.
Sun Electric Corp.
Talco Engra, Co., The
Talley Corp., The
Thompson Products, Inc.
Wacline, Inc.
Wells Industries Corp.

# ACTUATORS, HYDRAULIC

ACTUATORS, HYDRAULIC

\*ADVANCE GEAR & MACHINE CORP.
Aeroproducts Operations, Allison Div., General Motors Corp.
Applied Dynamics Corp.
Applied Dynamics Lorg.
Artwin Industries, Inc.
Atlantic Research Corp.
Athonetics, Div., North American Aviation, Inc.
Bendix Products Div., Bendix Aviation Corp.
CDC Control Services, Inc.
Cadillac Gage Co.
Clemco Aero Products, Inc.
Cansolidated Controls Corp.
Consolidated Diesel Electric Corp., Test Equip.
Div.
Joe Davidson & Associates
\*\*DIVERSEY ENGRG. CO.
\*\*EASTERN INDUSTRIES, INC.
Eaton Mfg. Co., Inc., Fredric Flader Div.
\*\*ELECTROL INC.
E. W. Galloway Co.,
W. Galloway Co.,
W. Galloway Co.,
W. Galloway Co.,
Generhories Corp.
HOUDALLE INDUSTRIES, INC.,
BUFFALO HYHYDRAULICS, INC.
HOUDALLE INDUSTRIES, INC., BUFFALO HYDYARULICS DIV.
Hydra-Power Corp.
Kearfott Co., Inc.
Kelsey-Hayes Co.
Kendow Aircraft, Inc.
Menasco Mfg. Co.
Dave Metal Products Corp.

Minneapolis-Honeywell Regulator Co., Aeronaufical Div.

O & M Machine Co., Inc.
Ozone Metal Products Corp.
Pacific Div.-Bendix Aviation Corp.
Petch Mig. Co.
Progressive Research & Development Co., Inc.
Royal Industries, Inc.
Rucker Co., The
Sancor Corp.
Sun Electric Corp.
Talco Engrg. Co., The
Thompson Products, Inc.
Trimount Instrument Co.
Vickers Inc., Div.-Sperry Rand
\*VICKERS INC., MARINE & ORDNANCE DEPT.,
MACHINERY HYDRAULICS DIV.

Vinson Mfg. Co. Inc. Waldorf Instrument Co., Div.-F. C. Huyck & Waldori Institution Sons weighing & Control Components, Inc.
Weigh Industries Corp.
\*WESTINGHOUSE ELECTRIC CORP., AIR ARM

WESTINGHOUSE ELECTRIC CORT, THE DIV.
Weston Hydraulics, Ltd.
Whittaker Controls, Div.-Telecomputing Corp.

# **ADAPTERS**

Defiance Engrg. & Microwave Corp.
General R-F Fittings, Inc.
Sylvania Electric Products Inc., Parts Div.

# Crystal

Elm Mfg. Co. Inc. General R-F Fittings, Inc. Reeves-Hoffman Div. Uniwave, Inc.

# Foreign

General R-F Fittings, Inc. Kulka Electric Corp.

# Lamp Socket

American Brass Co., The Connector Corp. General R-F Fittings, Inc. Kulka Electric Corp. Frank W. Morse Co.

# Line and Dot Sequential

General R-F Fittings, Inc.

# Phase

General R-F Fittings, Inc. Varo Mfg. Co.

Amaton Electronic Hardware Co. Inc. General R-F Fittings, Inc.

Alden Products Co. General R-F Fittings, Inc.

Alden Products Co.

# Tube Socket

Alden Products Co. Connector Corp. Connector Corp.
Elco Corp.
Pomona Electronics Co., Inc.
Sylvania Electric Products Inc., Parts Div.
Vector Electronic Co.

# ALARM SYSTEMS

ALARM SYSIEMS

Briggs Asosciates, Inc.
Browning Laboratories, Inc.
Devoc Engra, Inc.
Thomas A. Edison Ind., Instrument Div.—McGraw-Edison Co.
Fischer & Porter Co.
\*GREER HYDRAULICS, INC.
Hallamore Electronics Co.
Hammet Electric Co.
\*KAHN & CO., INC.
Philadelphia Scientific Glass Co.
Systron Corp.
Telectro Industries Corp.
Thompson-Ramo-Wooldridge Products Co., The

# ALARMS, AUTO

Devco Engrg. Inc. Hammett Electric Co. Thompson-Ramo-Wooldridge Products Co., The

# **ALNICO**

Crucible Steel Co. of America Hammett Electric Co.

Permag Corp.
Thomas & Skinner, Inc.
\*WESTINGHOUSE ELECTRIC CORP.

# **ALTERNATORS**

Joe Davidson & Associates
Eicor Div.-F. L. Jacobs Co.
Electric Auto-Lite Co., The
Electric Motors & Specialties, Inc.
\*GARRETT CORP., THE, AIRESEARCH MFG. Georator Corp. Hammett Electric Co. Hertner Electric Co., The Herther Electric Co., The Sun Electric Corp. Talley Corp., The Task Corp. United Mfg. Co. Div., The W. L. Maxson Corp. Varo Mfg. Co. Wacline, Inc.

# ALTIMETERS, BAROMETRIC **PRESSURE**

\*GARRETT CORP., THE, AIRESEARCH MFG. DIVS. Hallamore Electronics Co. Ideal-Aerosmith, Inc. Kollsman Instrument Corp., Sub.—Standard Coil Products Co. Inc. \*WALLACE O. LEONARD, INC. Victory Engineering Corp.

#### **AMMETERS**

\*ANTON ELECTRONIC LABS., INC. ANTON ELECTRONIC LABS., INC.
Assembly Products, Inc.,
Beede Electrical Instrument Co. Inc.
Columbia Electric Mfg. Co.
Electric Auto-Lite Co., The
Electric Design & Mfg. Co.
Electro-Ede Equipment Co.
General Electric Co., Apparatus Sales Div.
Hammett Electric Co.,
Gerard G. Leeds Co., Inc.
Meters Inc.
Simpson Electric Co.,
Sun Electric Co.,
Wacline, Inc.
WESTINGHOUSE ELECTRIC CORP. \*WESTINGHOUSE ELECTRIC CORP.

# **AMPLIFIERS**

AMPLIFIERS

Acro Products Co.
Airborne Accessories Corp.
Allegany Instrument Co., Inc.
Allegany Instrument Co., Inc.
Allegany Instrument Co., Inc.
Allegany Instrument Co., Inc.
American Electronic Labs., Inc.
Bendix Aviation Corp., York Div.
Bogue Electric Mfg. Co.
Brush Instruments, Div.-Clevite Corp.
J. H. Bunnell & Co.
Brush Instruments Div.-Clevite Corp.
J. H. Bunnell & Co.
Burr-Brown Research Corp.
Canoga Corp. of California
Consolidated Avionics Corp.
Consolidated Avionics Corp.
Daven Co., The
Dunlap Electronics, Inc.
Dwyer Engrg. Co., Inc.
Electronic Instrumentation Co., Div.—RamoWooldridge Corp.
\*\*GARRETT CORP., THE, AIRESEARCH MFG. DIVS.
Gray Mfg. Co., The
Hallamore Electronics Co.
Haller Raymond & Brown Inc.
\*\*INTERELECTRONICS CORP.
International Research Associates
Gerard G. Leeds Co., Inc.
Librascope Inc.
Maico Electronics, Inc.
McKenna Labs.
Mid-Century Instrumatic Corp.
Minneapolis-Honeywell Regulator Co., Aeronautical Div.
Reeves Instrument Corp.

nautical Div.

Reeves Instrument Corp.

Republic Aviation Corp., Guided Missiles Div.

Rvan Aeronautical Co. Ryan Aeronautical Co. Servomechanisms, Inc. Skiatron Electronics & Television Corp. Southwestern Industrial Electronics Co. Telectro Industries Corp. Tensor Electric Development Co., Inc.

# Audio Subminiature

Audio Subminiature

Alpha Instrument Co., Inc.
Atlantic Research Corp.
\*\*COOPER DEVELOPMENT CORP.
\*\*DATA-CONTROL SYSTEMS INC.
Daven Co., The
Doty Acoustica Electronic Labs.
Du Kane Corp.
Dunlap Electronics, Inc.
Electronic Instrumentation Co., Div.—RamoWooldridge Corp.
Elgin Micronics-West Coast Div.-Elgin National
Watch Co.
Gray Mig. Co., The
Haller Raymond & Brown Inc.
Instrument Laboratories
\*\*INTERELECTRONICS CORP.
Lane Electronics, Mig. Corp. Instrument Laboratories
HINTERLECTRONICS CORP.
Lane Electronics Mig. Corp.
La Pointe Industries Inc.
Lyfle Engrg. & Mip. Co.
M. F. Electronics Co.
Maico Electronics, Inc.
J. A. Maurer, Inc.
Polarad Electronics Corp.
Reeves Instrument Corp.
Roflan Co., The
Ryan Aeronautical Co.
Herman Hosmer Scott, Inc.
Skiatron Electronics & Television Corp.
Southwestern Industrial Electronics Co.
Telechrome Mig. Corp.
Tensor Electric Development Co., Inc.
Walkirt Co.
Walkirt Co.
Walkirt Co.
Walkirt Co.
Winder Aircraft Corp. of Fla.

# Cathode Followers

Adler Electronics, Inc.
Allegany Instrument Co., Inc.
Amelco, Inc.
Arnoux Corp.
Atlantic Research Corp.
Audio Instrument Co. Inc.
Canoga Corp. of California
Columbia Research Labs.
\*COOPER DEVELOPMENT CORP.
\*DATA-CONTROL SYSTEMS INC.
Daven Co., The
Dunlap Electronics, Inc.
Electronic Associates, Inc.
Electronic Associates, Inc.
Electronic Associates, Inc.
Electronic Micronics, West Coast Div.-Elgin National
Watch Co.
\*INTERELECTRONICS CORP.
Keithley Instruments, Inc.
Munston Mfg. & Service, Inc.
Orbitran Co., Inc.
Polarad Electronics Corp.
Reseal Electronics Corp.
Reseal Electronics Corp.
Reseal Electronics Corp.
Herman Hosmer Scott, Inc.
Skiatron Electronics & Television Corp.
Southwestern Industrial Electronics Co.
Telectro Industries Corp.
Walkirf Co.
Western Electro-Acoustic Lab.

# Computer

Airborne Instruments Lab., Inc.
Analogue Controls, Inc.
Arnoux Corp.
CDC Control Services, Inc.
Canoga Corp. of California
Computer Engra, Associates, Inc.
Consolidated Avionics Corp.
\*\*DATA-CONTROL SYSTEMS INC.
Daven Co. The \*DATA-CONINGOL SYSIEMS INC Daven Co., The Dunlap Electronics, Inc. Electronics Corp. of America Haller Raymond & Brown Inc. Hanson-Gorrill-Brian, Inc. \*INTERELECTRONICS CORP. NTERLECTRONICS CORP.
Kelsey-Hayes Co.
Kelsey-Hayes Co., Inc.
Librascope Inc.
Mid-Century Instrumatic Corp.
Minneapolis-Honeywell Regulator Co., Aeronautical Div.
George A. Philbrick Researches, Inc.
Reeves Instrument Corp.
Saratoga Industries
Skiatron Electronics & Television Corp.
Southwestern Industrial Electronics Co.
Telectro Industrial Electronics Co.
Telectro Industries
Walkirt Co.

Acton Laboratories Inc. Adler Electronics, Inc. Airborne Accessories Corp. Allegany Instrument Co., Inc. Alpha Instrument Co. Allegany Instrument Co., Inc.
Alpha Instrument Co., Inc.
Alpha Instrument Co., Inc.
American Electronic Labs., Inc.
American Electronic Labs., Inc.
American Electronic Corp.
Arnoux Corp.
Arnoux Corp.
Arnoux Corp.
Bogue Electric Mfg., Co.
Bogue Electric Mfg., Co.
Bonton Electronics Corp.
Brush Instruments, Div.-Clevite Corp.
Canoga Corp. of California
Centronix Inc.
Computer Engrg. Associates, Inc.
Consolidated Avionics Corp.
Consolidated Avionics Corp.
Consolidated Avionics Corp.
Consolidated Electrodynamics Corp.
Consolidated Electrodynamics Corp.
Contrist-Wright Corp. Electronics Div.
\*\*DATA-CONIROL SYSTEMS INC.
Daven Co., The
Doty Acoustica Electronics Labs.
Du Kane Corp.
Dunlap Electronics, Inc.
Dyyamics Instrumentation Co., Div.-Aiberhill
Corp.
Edin Co., Inc.
Electronic Instruments, Inc.
Electronic Instruments, Inc.
Electronic Instrumentation
Wooldridge Corp.
Epsco Inc.
Gates Electronic Co. Electronic Instrumentation Co., Div.—Ramo-Wooldridge Corp.
Epsco Inc.
Gates Electronic Co.
Georator Corp.
Hallamore Electronics Co.
Haller Raymond & Brown Inc.
Hoover Electronics Co.
Industrial Control Co.
Instrument Motors
\*\*INTERELECTRONICS CORP.
Keithley Instruments, Inc.
Kelsey-Hayes Co.
Kin Tel Div.-Cohu Electronics, Inc.
Gerard G. Leeds Co., Inc.
Leeds & Northrup Co.
Librascope Inc.
Lumen, Inc.
Mid-Centrury Instrumatic Corp.
Minneapolis-Honeywell Regulator Co., Indust. Minneapolis-Honeywell Regulator Co., Boston Div.
Minneapolis-Honeywell Regulator Co., Indust. Div.
Offiner Electronics Inc.
Ralph M. Parsons Co., The, Electronics Div.
George A. Philbrick Researches, Inc.
Photocon Research Products
Photron Instrument Co.
Process & Instrument Corp.
Reeves Instrument Corp.
Resdel Engrg. Corp.
\*\*RHEEM MFG. CO., ELECTRONICS DIV.
Ryan Aeronautical Co.
Saratoga Industries
Skiatron Electronics & Felevision Corp.
Southwestern Industrial Electronics Co.
Telectro Industries Corp.
Trans Electronics, Inc.
United Control Corp.
Westbury Electronics Inc.
Winder Aircraft Corp. of Fla. Decade, Audio Acton Laboratories Inc.

Acton Laboratories Inc.
Amelco, Inc.
Ballantine Labs., Inc.
Burr-Brown Research Corp.
Daven Co., The
Dunlap Electronics, Inc.
Electronics Corp. of America
Haller Raymond & Brown Inc.
\*INTERELECTRONICS CORP.
\*INTERELECTRONICS Loc.
\*INTERELECTRONICS CORP. INTERELECTRONICS CORP.
Keithley Instruments, Inc.
Owen Labs., Inc.
Herman Hosmer Scott, Inc.
Skiatron Electronics & Television Corp.
Southwestern Industrial Electronics Co.
Telectro Industries Corp.
Tensor Electric Development Co., Inc.
Westbury Electro-Acoustic Lab.
Winder Aircraft Corp. of Fla.

# Development

Amelco, Inc. American Research & Mfg. Corp. Atlantic Research Corp. Autotron, Inc. Atlantic Research Corp.
Autotron, Inc.
Burroughs Corp.
\*COOPER DEVELOPMENT CORP.
\*DATA-CONTROL SYSTEMS INC.
Doty Acoustica Electronic Labs.
Du Kane Corp.
Haller Raymond & Brown Inc.
\*INTERELECTRONICS CORP.
\*INTERELECTRONICS CORP. Librascope Inc.
Maico Electronics, Inc.
Reeves Instrument Corp.
Resdel Engrg. Corp.
Ryan Aeronautical Co.

Seeburg Corp., The Skiatron Electronics & Television Corp. Southwestern Industrial Electronics Co. Telectro Industries Corp. Tensor Electric Development Co., Inc. Westbury Electronics Inc. Western Electro-Acoustic Lab.

# Differential

Acromag Inc.
Allegany Instrument Co., Inc.
Amelco, Inc.
American Research & Mfg. Corp.
Analogue Controls, Inc.
Atlantic Research Corp.
Boonton Electronics Corp.
Burr-Brown Research Corp.
Consolidated Avionics Corp.
Consolidated Electrodynamics Cor
\*\*DATA-CONTROL SYSTEMS INC.
Du Kane Corp. Du Kane Corp. Edin Co., Inc. Electro Instruments, Inc Electronic Associates, Inc. Epsco Inc. Haller Raymond & Brown Inc. Keithley Instruments, Inc. Kin Tel Div.-Cohu Electronics, Inc. Kin Tel Div.-Cohu Electronics, Inc. Lumen, Inc.
Mid-Century Instrumatic Corp.
Offiner Electronics Inc.,
Reeves Instrument Corp.
Resdel Engrg. Corp.
Sanborn Co.
Skiatron Electronics & Television Corp.
Southwestern Industrial Electronics Co.
Telectro Industrial Corp.
Trans Electronics, Inc.
United Control Corp.
Walkirt Co.

# Direct Current

Direct Current

Acromag Inc.
Airborne Accessories Corp.
Allegany Instrument Co., Inc.
American Electronic Labs., Inc.
American Research & Mfg. Corp.
Arnoux Corp.
Boonton Electronics Corp.
Brush Instruments, Div. Clevite Corp.
Computer Engrg. Associates, Inc.,
Consolidated Avionics Corp.
Consolidated Avionics Corp.
Consolidated Avionics Corp.
Curtiss-Wright Corp. Electronics Div.
\*DATA-CONTROL SYSTEMS INC.
Daven Co., The
Du Kane Corp.
Dynamics Instrumentation Co., Div.-Alberhill
Corp.
Edin Co., Inc.
Electronic Associates, Inc.
Electronics Corp. of America
Epsco Inc.

Electronics Corp. of America Epsco Inc.
Georator Corp.
Haller Raymond & Brown Inc.
Heiland Div. Minneapolis-Honeywell Hoover Electronics Co.
\*INTERELECTRONICS CORP.

INTERLECTIONNICS CORP.

Reiffley Instruments, Inc.

Relsey-Hayes Co.

Kelsey-Hayes Co.

Kersey-Hayes Co.

Gerard G. Leeds Co., Inc.

Mid-Century Instrumentic Corp.

Minneapolis-Honeywell Regulator Co., Boston

Div.

Minneapolis-Honeywell Regulator Co.,
Div.
Offner Electronics Inc.
Photocon Research Products
Photron Instrument Co.
Reeves Instrument Corp.
Sanborn Co.
Sanborn Co.
Sartoga Industries
Skiatron Electronics & Television Corp.
Southwestern Industrial Electronics Co.
Telectro Industries Corp.
United Control Corp.
Walkirt Co.

# Distribution, Audio

Browning Laboratories, Inc.
Du Kane Corp.
Empire Products Sales Corp.
Haller Ryamond & Brown Inc.
Instrument Motors
\*\*INTERELECTRONICS CORP.
Herman Hosmer Scott, Inc.
Skiatron Electronics & Television Corp.
Southwestern Industrial Electronics Co.
Telectro Industries Corp.
Thompson Products, Inc.

# Distribution, R-F-I-F

NSTRIBUTION, N-1--Blonder-Tongue Labs., Inc.
Entron, Inc.
Hallamore Electronics Co.
Haller Raymond & Brown Inc.
Instrument Motors
Instruments for Industry, Inc.
Polarad Electronics Corp.
Telechrome Mfg. Corp.

Telectro Industries Corp.
Tel-Instrument Electronics Corp.
Westbury Electronics Inc.

Encapsulated

Encapsulated

American Research & Mfg. Corp.
Arnoux Corp.
Arnoux Corp.
SCOOPER DEVELOPMENT CORP.
Daven Co., The
Doty Acoustica Electronic Labs.
Du Kane Corp.
Dunlap Electronics, Inc.
Dwyer Engrg. Co., Inc.
Electronic Instrumentation Co., Div.—RamoWooldridge Corp.
Electronics Corp. of American
Elgin Micronics, West Coast Div.-Elgin National
Watch Co.
Epsco Inc.
Gulton Industries, Inc.
Haller Raymond & Brown Inc.
\*\*INTERLECTRONICS CORP.
Kelsey-Hayes Co.
Librascope Inc.
M F Electronics Co.
Reeves Instrument Corp.
Sarafoga Industries
Skiatron Electronics & Television Corp.
Southwestern Industrial Electronics Co.
Telectro Industries Corp.
Tensor Electric Development Co., Inc.
United Control Corp.
Walkirt Co.

# Instrumentation

Instrumentation

Acromag Inc.
Alto Scientific Co., Inc.
American Research & Mfg. Corp.
Arnoux Corp.
Avien, Inc.
Baird-Atomic, Inc.
Brush Instruments, Div.-Clevite Corp.
Centronix Inc.
Columbia Research Labs.
Computer Engra, Associates, Inc.
Consolidated Arionorne Systems, Inc.
Consolidated Avionics Corp.
Consolidated Avionics Corp.
Consolidated Controls Corp.
ECOPPE BEVELOPMENT CORP.
\*\*DATA-CONTROL SYSTEMS INC.
Daytronic Corp.
Daytronic Corp.
Daytronic Corp.
Corp.
Edin Co., Inc.
Electronic Instrumentation Co., Div.-Alberhill
Corp.
Electronic Associates, Inc.
Electronic Instrumentation Co., Div.-Remo-Wooldridge Corp.
Epsco Inc.
Gulton Industries, Inc.
Haller Raymond & Brown Inc.
Heiland Div.-Minneapolis-Honeywell
\*\*NITERELECTRONICS CORP.
Keithley Instruments, Inc.
Kelsey-Hayes Co.
Kin Tel Div.-Colu Electronics, Inc.
Librascope Inc.
Lumen, Inc.
Lytle Engra, & Mfg. Co.
J. A. Maurer, Inc.
Minneapolis-Honeywell Regulator Co., Boston
Div.
Minneapolis-Honeywell Regulator Co., Indust,
Div.
Minneapolis-Honeywell Regulator Co., Indust,
Div. Div.
Minneapolis-Honeywell Regulator Co., Indust. Minneapolis-Honeywell Keguiator Cu.,
Div.
North Atlantic Industries, Inc.
Offiner Electronics Inc.
\*PACKARD-BELL ELECTRONICS CORP.
George A. Philbrick Researches, Inc.
Photron Instrument Co.
Resdel Engrg. Corp.
Skiatron Electronics & Television Corp.
Southwestern Industrial Electronics Co.
Sun Electric Corp.
Telectric Industries Corp.
United Control Corp.
Western Electro-Acoustic Lab.

Intermediate Frequency

Intermediate Frequency
Adler Electronics, Inc.
Airborne Instruments Lab., Inc.
Amelco, Inc.
J. H. Bunnell & Co.
Canoga Corp. of California
Daven Co., The
Dwyer Engrg. Co., Inc.
Georator Corp.
Haller Raymond & Brown Inc.
Instruments for Industry, Inc.
\*INTERELECTRONICS CORP.
1 E L Inc. NIERCELEGINATION COOR.

L E I, Inc.
Panoramic Radio Products, Inc.
Polarad Electronics Corp.
Seeburg Corp., The
Telectro Industries Corp.
Tensor Electric Development Co., Inc. Isolation

Alfred Electronics
American Research & Mfg. Corp.
Bendix Radio Div.-Bendix Aviation Corp.
Bur-Brown Research Corp.
Computer Engrg. Associates, Inc.,
Haller Raymond & Brown Inc.
\*INTERELECTRONICS CORP.
Resdel Engrg. Corp.
Ryan Aeronautical Co.
Skiatron Electronics & Television Corp.
Southwestern Industrial Electronics Co.
Telectro Industries Corp.
Tensor Electric Development Co., Inc.

Limiting

American Research & Mfg. Corp.
Dynamics Instrumentation Co., Div.-Alberhill
Corp.
Haller Raymond & Brown Inc.
\*\*INTERLECTRONICS CORP.
Herman Hosmer Scott, Inc.
Skiatron Electronics & Television Corp.
Southwestern Industrial Electronics Co.
Telectro Industries Corp.
Tensor Electric Development Co., Inc.

line

American Research & Mfg. Corp.
Haller Raymond & Brown Inc.
\*\*INTERELECTRONICS CORP.
Skiatron Electronics & Television Corp.
Southwestern Industrial Electronics Co.
Telectro Industries Corp.

Logarithmic

Ogarithmic
Audio Instrument Co. Inc.
California Technical Industries, Div.-Textron Inc.
Electronic Associates, Inc.
Goodyear Aircraft Corp.
Haller Raymond & Brown Inc.
Keithley Instruments, Inc.
L E L, Inc.
Lumen, Inc.
F. L. Moseley Co.
Radiation Counter Labs., Inc.
Sanborn Co.
Herman Hosmer Scott, Inc.
Skiatron Electronics & Television Corp.
Southwestern Industrial Electronics Co.
Telectro Industries Corp.
Tensor Electric Development Co., Inc.
Western Electro-Acoustic Lab.

#### Microwave

Microwave

Adler Electronics, Inc.
Aircom Inc.
Airdon, Inc.
Airfred Electronics
Amerac Inc.
American Electronic Labs., Inc.
Canoga Corp. of California
Demornay-Bonardi
Empire Products Sales Corp.
Thomas T. Fox Co.
Geisler Labs.
Goodyear Labs.
Haller Raymond & Brown Inc.
J.-V-M Microwave Co.
Kaiser Aircraft & Electronics Div.-Kaiser Industries
Corp.
Polarad Electronics Corp.
Resdel Engrg. Corp.
Stromberg-Carlson, Electronics Corp.
Telectro Industries Corp.
\*TELERAD MFG. CORP.
Uniwave, Inc.
Wave Particle Corp.
\*WESTINGHOUSE ELECTRIC CORP., AIR ARM
DIV.

Mixing Audio

Alxing Audio

Adler Electronics, Inc.
Browning Laboratories, Inc.
J. H. Bunnell & Co.
Deven Co., The
Dunlap Electronics, Inc.
Haller Raymond & Brown Inc.
Magnasync Mfg. Co., Ltd.
J. A. Maurer, Inc.
Munston Mfg. & Service, Inc.
Polarad Electronics Corp.
Seeburg Corp., The
Stromberg-Carlson, Electronics Div.
Telectro Industries Corp.
Tensor Electric Development Co., Inc.
Western Electro-Acoustic Lab.

Mixing, R-F

Adler Electronics, Inc.
Amelco, Inc.
Blonder-Tongue Labs., Inc.
J. H. Bunnell & Co.
Canaga Corp. of California
Centronix Inc.
Daven Co., The
Empire Products Sales Corp.
Entron, Inc.
Geisler Labs.

Goodyear Aircraft Corp.
Hallamore Electronics Co.
Haller Raymond & Brown Inc.
Munston Mfg. & Service, Inc.
Polarad Electronics Corp.
Seeburg Corp., The
Stromberg-Carlson, Electronics Div.
Telechrome Mfg. Corp.
Telectro Industries Corp.
Wave Particle Corp.
Wave Particle Corp.
Westbury Electronics Inc.

## Mobile

American Research & Mfg. Corp.
Brush Instruments, Div.-Clevite Corp.
Computer Engrg. Associates, Inc.
Edin Co., Inc.
Haller Raymond & Brown Inc.
Halmmett Electric Co.
\*INTERELECTRONICS CORP.
Stromberg-Carlson, Electronics Div.
Sun Electric Carp.
Telectro Industries Corp.

Monitoring Audio

Moniforing Audio

Daven Co., The
Dunlap Electronics, Inc.
Haller Raymond & Brown Inc.
\*\*\*NTERELECTRONICS CORP.
Kaiser Aircraft & Electronics Div.-Kaiser Industries Corp.
Magnasync Mig. Co., Ltd.
J. A. Maurer, Inc.
Herman Hosmer Scott, Inc.
Setchell-Carlson Inc.
Skiatron Electronics & Television Corp.
Southwestern Industrial Electronics Co.
Telectro Industries Corp.
Varo Mig. Co.
Western Electro-Acoustic Lab.

Monitoring R-F

Centrolling Inc.
Edin Co., Inc.
Hallamore Electronics Co.
Haller Raymond & Brown Inc.
\*PACKARD-BELL ELECTRONICS CORP.
\*RADIATION, INC.
Setchell-Carlson, Inc.
Telectro Industries Corp.
Telectro Industries Corp.
Tensor Electric Development Co., Inc.

Operational

Operational

American Research & Mfg. Corp.
CDC Control Services, Inc.
Computer Engrg. Associates, Inc.
Consolidated Avionics Corp.
\*\*COOPER DEVELOPMENT CORP.
Daven Co., The
Dynamics Instrumentation Co., Div.-Alberhill
Corp.
Electronic Associates, Inc.
Haller Raymond & Brown Inc.
Keithley Instruments, Inc.
Keitsey-Hayes Co.
Kin Tel Div.-Cohu Electronics, Inc.
Gerard G. Leeds Co., Inc.
Lumen, Inc.
Mid-Century Instrumatic Corp.
Minneapolis-Honeywell Regulator Co., Aeronautical Div.
Minneapolis-Honeywell Regulator Co., Boston,
Div.
George A. Philbrick Researches, Inc.
Reeves Instrument Corp.
\*\*RHEEM MFG. CO., ELECTRONICS DIV.
Skiatron Electronics & Television Corp.
Sun Electric Corp.
Telectric Corp.
Telectric Development Co., Inc.

Oscillascope

# Oscilloscope

Acton Laboratories Inc.
Adler Electronics, Inc.
Allegany Instrument Co., Inc.
Allegany Instrument Co., Inc.
American Electronic Labs., Inc.
Centronix Inc.
Dunlap Electronics, Inc.
Edgerton, Germeshausen & Grier, Inc.
Edgerton, Germeshausen & Grier, Inc.
Edgerton, Germeshausen & Grier, Inc.
Edin Co., Inc.
Grass Instrument Co.
Haller Raymond & Brown Inc.
Industrial Television Inc.
Kay Electric Co.
Gerard G. Leeds Co., Inc.
Railway Communications Inc.
Simpson Electric Co.
Skiatron Electronics & Television Corp.
Southwestern Industrial Electronics Co.
Telechrome Mig. Corp.
Telectro Industries Corp.
United Control Corp.

Peak Limiting

American Research & Mfg. Corp.
Daven Co., The
Haller Raymond & Brown Inc.
Reeves Instrument Corp.
Skiatron Electronics & Television Corp.
Telectro Industries Corp.

# Plua-In

Alden Products Co.
Atlantic Research Corp.
Bulova Watch Co., Electronics Div.
Computer Engrg. Associates, Inc.,
Consolidated Electrodynamics Corp.
\*DATA-CONTROL SYSTEMS INC. DAYA-CONINGL STATEMS INC.

Daven Co., The

Du Kane Corp.

Dunlap Electronics, Inc.

Dwyer Engrg. Co., Inc.

Dyyamics Instrumentation Co., Div.-Alberhill Dynamics Instrumentation Corp.
Corp.
Edin Co., Inc.
Electronic Associates, Inc.
Haller Raymond & Brown Inc.
Kay Electric Co.
Lane Electronics Mfg. Corp. Lane Electronics Mfg. Corp.
Lytle Engrg. & Mfg. Co.
George A. Philbrick Researches, Inc.
Saratoga industries
Southwestern Industrial Electronics Co.
Telectro Industrial Corp.
United Control Corp.
Walkirf Co.
Winder Aircraft Corp. of Fla.

#### Power

Airborne Accessories Corp.
American Research & Mig. Corp.
Bogue Electric Mig., Co.
POTATA-CONTROL SYSTEMS INC.
Du Kane Corp.
Edin Co., Inc.
Electronic Assembly Co., Inc.
Haller Raymond & Brown Inc.
Haller Raymond & Brown Inc.
Holt Instrument Laboratories, Div.-Holt Hardwood Co., Inc.
\*\*NITERELECTRONICS CORP.
E. F. Johnson Co.

INTERELECTRONICS CORP.
E. F. Johnson Co.
Gerard G. Leeds Co., Inc.
George A. Philbrick Researches, Inc.
Resdel Engrg. Corp.
Saratoga Industries
Herman Hosmer Scott, Inc.
Southwestern Industrial Electronics Co.
Sun Electric Corp.
Telectro Industries Corp.
Telectro Industries Corp.
Walkirt Co.
WESTINGHOUSE ELECTRIC CORP Walkirt Co.
\*WESTINGHOUSE ELECTRIC CORP.
Winder Aircraft Corp. of Fla.

# Stabilizing

Adler Electronics, Inc.
Amelco, Inc.
Amelco, Inc.
Amelco, Inc.
American Research & Mfg. Corp.
Edin Co., Inc.
Haller Raymond & Brown Inc.
\*\*INTERELECTRONICS CORP.
George A. Philibrick Researches, Inc.
Photron Instrument Corp.
Southwestern Industrial Electronics Co.
Telechrome Mfg. Corp.
Telectro Industries Corp.

#### Strain Gage

Allegany Instrument Co., Inc.
Amelco, Inc.
Amelco, Inc.
American Research & Mfg. Corp.
Baird-Atomic, Inc.
Boon on Electronics Corp.
Brush Instruments, Div.-Clevite Corp.
Centronix Inc.
Computer Engrg. Associates, Inc.
Consolidated Avionics Corp.
Consolidated Electrodynamics Corp.
Curliss-Wright Corp. Electronics Div.
DaTa-CONTROL SYSTEMS INC.
Datran Electronics, Div.—Mid-Continent Mfg., Inc. Datran Electronics, DIV.—MIG-Comment Mag., Inc.
Daytronic Corp.
Dynamics Instrumentation Co., Div.-Alberhill
Corp.
Edin Co., Inc.
Epsco Inc.
Greenleaf Mfg. Co., The, Div.-Mandrel Industries Inc. Haller Raymond & Brown Inc. Heiland Div.-Minneapolis-Honeywell Gerard G. Leeds Co., Inc. Lumen, Inc. Lumen, Inc.
Minneapolis-Honeywell Regulator Co., Indust.
Div.
Offiner Electronics Inc.
Owen Labs., Inc.
Photron Instrument Co. Sanborn Co.
Southwestern Industrial Electronics Co.
Telectro Industries Corp.

## Ultrasonic

Acoustica Associates, Inc.
Alcar Instruments, Inc.
Arenberg Ultrasonic Laboratory, Inc.
Atlantic Research Corp.
Curtiss-Wright Corp., Industrial & Scientific
Products Div.
Georator Corp.
Haller Raymond & Brown Inc.
\*INTERELECTRONICS CORP.
McKenna Labs.

McKenna Labs.
Photocon Research Products
Southwestern Industrial Electronics Co.
Telectro Industries Corp.

# Wideband, Audio

Wideband, Audio

Alpha Instrument Co., Inc.
Alto Scientific Co., Inc.
American Electronic Labs., Inc.
Atlantic Research Corp.
Burr-Brown Research Corp.
Daven Co., The
Dunlap Electronics, Inc.
Dynamics Instrumentation Co., Div.-Alberhill
Corp.
Epsco Inc.
Haller Raymond & Brown Inc.
Munston Mfg. & Service, Inc.
Ryan Aeronautical Co.
Herman Hosmer Scott, Inc.
Seeburg Corp., The
Southwestern Industrial Electronics Co.
Telectro Industries Corp.
Western Electro-Acoustic Lab.
\*WESTINGHOUSE ELECTRIC CORP.

# Wideband, R-F

Wideband, R-F

Alpha Instrument Co.
American Electronic Labs., Inc.
Arenberg Ultrasonic Laboratory, Inc.
Bendix Aviation Corp., York Div.
Blonder-Tongue Labs., Inc.
Daven Co., The
Entron, Inc.
Geisler Labs.
Goodyear Aircraft Corp.
Hallamore Electronics Co.
Haller Raymond & Brown Inc.
Instruments for Industry, Inc.
Munston Mfg. & Service, Inc.
Resdel Engrg. Corp.
Seeburg Corp., The
Ielechrome Mfg. Corp.
Iel-Instrument Electronics Corp.
Westbury Electronics Inc.

# ANALYSIS EQUIPMENT, ELECTRO-CHEMICAL

Baird-Atomic, Inc.
Calcor Corp., Aircraft Div.
Consolidated Electrodynamics Corp.
Devoc Engrg. Inc.
Greenbrier Instruments Inc.
Monarch Aircraft Sales, Inc.
George L. Nankervis Co.
Milton Roy Co.

# **ANALYZERS**

Advance Industries, Inc.
Allegany Instrument Co., Inc.
Barnes Development Co.
Bendix Aviation Corp., York Div.
Benson-Lehner Corp.
Bogue Electric Mfg., Co.
Brush Instruments, Div.-Clevite Corp.
Consolidated Electrodynamics Corp.
Dit-Mco, Inc., Electronics Div.
Dynac, Inc.
Epic, Inc. Dit-Mco, Inc., Electronics Div.
Dynac, Inc.
Epic, Inc.
Epic, Inc.
Fenske Fedrick & Miller Co.
\*GARREIT CORP., THE, AIRESEARCH MFG. DIVS.
Haller Raymond & Brown Inc.
\*KAHN & CO., INC.
Lear, Inc., Grand Rapids Div.
Perkin-Elimer Corp.
Precision Apparatus Co., Inc.
Milton Roy Co.,
Telectro Industries Corp.

# Antenna Pattern

Airborne Instruments Lab., Inc. \*AMERICAN MACHINE & FOUNDRY CO. \*AMERICAN MACHINE & FOUNDRY CO.
Anflab Inc.
California Technical Industries, Div.-Textron Inc.
\*PDALMO VICTOR CO., DIV.-TEXTRON INC.
Emerson Electric Mfg. Co., The, Electronics &
Avionics Div.
Haller Raymond & Brown Inc.
Kay Electric Co.
Polarad Electronics Corp.
Scientific-Atlanta, Inc.
Telectro Industries Corp.

# Audio, Amplifier

Brush Instruments, Div.-Clevite Corp. Haller Raymond & Brown Inc. Kay Electric Co.

Northeast Electronics Corp. Ryan Aeronautical Co. Setchell-Carlson Inc. Telectro Industries Corp. Varo Mfg. Co. Western Electro-Acoustic Lab.

ADIE

Barnes Development Co.
California Technical Industries, Div.-Textron Inc.
James Cunningham Son & Co., Inc.
Dit-Mco, Inc., Electronics Div.
Electric Auto-Lite Co., The
Jefferson Products Corp.
Kay Electric Co.
Lane Electronics Mfg. Corp.
Minco Products, Inc.
Radar Engineers
Slaughter Co., Inc.
Telectro Industries Corp.

# Capicitor

Roonton Electronics Corp.
Network Mfg. Corp.
Precision Apparatus Co., Inc.
Southern Electronics Corp.
Telectro Industries Corp.

# Circuit

Allegany Instrument Co., Inc.
Amelco. Inc.
Bogue Electric Mfg., Co.
California Technical Industries, Div.-Textron Inc.
James Cunningham Son & Co., Inc.
Dit-Mco., Inc., Electronics Div.,
Electronics Dept., Hamilton
United Aircraft Corp.
Kay Electric Co.
Lavoie Labs., Inc.
Precision Apparatus Co., Inc.
Slaughter Co., Inc.
Telectro Industries Corp.
Westronics Inc.

# Coincidence

Baird-Atomic, Inc.
Barnes Development Co.
Eldorado Electronics
Radiation Counter Labs., Inc.
Skiatron Electronics & Television Corp.
Telectro Industries Corp.

# Crystal

Telectro Industries Corp.

# Differential, Computer

Analogue Controls, Inc. Analogue Controls, Inc.
Baird-Atomic, Inc.
Consolidated Avionics Corp.
Electronic Associates, Inc.
Haller Raymond & Brown Inc.
Lumen, Inc.
Mid-Century Instrument Corp.
Reeves Instrument Corp.
Telectro Industries Corp.

# Digital

Analogue Controls Inc.
Austin Co., The, Special Devices Div.
Baird-Atomic, Inc.
Benson-Lehner Corp.
Consolidated Avionics Corp.
Edin Co., Inc.
Erie Resistor Corp.
Haller Raymond & Brown Inc.
Skiatron Electronics & Television Corp.
Telectro Industries Corp.

# Dimensional

Clevalnd Instrument Co. Telectro Industries Corp.

# Distortion

Bendix Aviation Corp., York Div.
Boonton Electronics Corp.,
Brush Instruments, Div.-Clevite Corp.
Empire Products Sales Corp.
Georator Corp.
Panoramic Radio Products, Inc.
Telectro Industries Corp.

# Electro-Chemical

Baird-Atomic, Inc.
Bergen Labs.
Cambridge Instrument Company, Inc.
Consolidated Electrodynamics Corp.
Devco Engrg. Inc.
George L. Nankervis Co.
Polyphase Instrument Co.
Milton Roy Co.
Telectro Industries Corp.

Engine

Air Logistics Corp.
Electro Products Labs. Inc.
\*\*EARRETT CORP. THE, AIRESEARCH MFG. DIVS.
Hammett Electric Co.
George L. Nankervis Co.
\*\*PACKARD-BELL ELECTRONICS CORP.
Sun Electric Corp.
Telectro Industries Corp.

Frequency

Frequency
Adler Electronics, Inc.
\*\*AMERICAN MACHINE & FOUNDRY CO.
Bendix Aviation Corp., York Div.
Brush Instruments, Div.-Clevite Corp.
CGS Labs., Inc.
Consolidated Avionics Corp.,
James Cunningham Son & Co., Inc.
Dynac, Inc.
Edin Co., Inc.
Eie Resistor Corp.
Fenske Fedrick & Miller Co.
Georator Corp.
Haller Raymond & Brown Inc.
Hammett Electric Co.
Kay Electric Co.
Minneapolis-Honeywell Regulator Co., Boston
Div. Div.
Minneapolis-Honeywell Regulator Co., Indust. Minneapons-rouse, Products, Inc.
Div.
Panoramic Radio Products, Inc.
Sun Electric Corp.
Telectro Industries Corp.
\*TELERAD MFG. CORP.
Varo Mfg. Co.

Ignition

Allegany Instrument Co., Inc.
\*GREER HYDRAULICS, INC.
\*PACKARD-BELL ELECTRONICS CORP.
Scintilla Div., Bendix Aviation Corp.
Sun Eelectric Corp.,
Telectro Industries Corp.

#### Infrared

Baird-Atomic, Inc.
Greenbrier Instruments Inc.
Haller Raymond & Brown Inc.
Infrared Industries Inc.
Perkin-Elmer Corp.
Philoc Corp., Government & Industrial Divs.
Telectro Industries Corp.

# Intermodulation

Audio Instrument Co. Inc. Empire Products Sales Corp. Georator Corp. Panoramic Radio Products, Inc. Telectro Industries Corp. Varo Mfg. Co.

# Magnetic

Advance Industries, Inc.
J. W. Dice Co.
Keystone Products Co.
Lumen, Inc.
Telectro Industries Corp.

# Microwave

Microwave

Adler Electronics, Inc., Bendix Aviation Corp., York Div., California Technical Industries, Div.-Textron Inc., Demornay-Bonardi, Haller Raymond & Brown Inc., Microwave Electronics Div., Sperry Gyroscope Co., Northeast Electronics Corp., Polarad Electronics Corp., Ryan Aeronautical Co., Stavid Engrg., Inc., Cleckrone Mig., Corp., Telectro Industries Corp., Telectrone Mig., Corp., Telectron, Inc., Waveline, Inc., Waveline, Inc.

# Neutron Absorption

American Electronics, Inc. Baird-Atomic, Inc. Eldorado Electronics Telectro Industries Corp.

# Noise

Airborne Instruments Lab., Inc.
Brush Instruments, Div.-Clevite Corp.
Georator Corp.
Haller Raymond & Brown Inc.
Kay Electric Co.
Massa Labs., Inc.
Minneapolis-Honeywell Regulator Co.
Minneapolis-Honeywell Regulator Co., Indust.
Div.

Panoramic Radio Products, Inc. Herman Hosmer Scott, Inc. Spectrum Instruments, Inc. Telectro Industries Corp. Western Electro-Acoustic Lab.

American Electronics, Inc., Data-Tronics Div.
Bendix Aviation Corp., York Div.
Brush Instruments, Div.-Clevite Corp.
Haller Raymond & Brown Inc.
North Atlantic Industries, Inc.
Panoramic Radio Products, Inc.
Ryan Aeronautical Co.
Telectro Industries Corp.
Varo Mfg. Co.
Wintronics

# Spectrum

Applied Research Labs.
Baird-Atomic, Inc.
Baird-Atomic, Inc.
Brush Instruments, Div.-Clevite Corp.
Consolidated Electrodynamics Corp.
Demornay-Bonardi
Douglas Microwave Co., Inc.
Edin Co., Inc.,
General Electric Co., Apparatus Sales Div.
Haller Raymond & Brown Inc.
Kay Electric Co.
Lavoie Labs., Inc.,
Marconi Instruments
Microwave Electronics Div., Sperry Gyroscope
Co.
Minneapolis-Honeywell Regulator Co., Indust.
Div.
Div.
Div.
Northeastern Engrg. Inc.
Panoramic Radio Products, Inc.
Parkin-Elmer Corp.
Polarad Electronics Corp.
Radiation Counter Labs., Inc.
Ryan Aeronautical Co.
Spectrum Instruments, Inc.
Telectro Industries Corp.
Vectron, Inc.

#### Transducer

Cleveland Instrument Co.
Consolidated Airborne Systems, Inc.
Consolidated Electrodynamics Corp.
Crescent Engrg. & Research Co.
Hagan Chemicals & Controls, Inc.
Haller Raymond & Brown Inc.
WMALLACE O. LEONARD, INC.
Massa Labs., Inc.
Orbitran Co., Inc.
Telectro Industries Corp.

# Transistor

American Electronics, Inc.
Baird-Atomic, Iac
Barnes Development Co.
Consolidated Avionics Corp.
James Cunningham Son & Co., Inc.
Haller Raymond & Brown Inc.
Kay Electric Co.
Owen Labs, Inc.
Telectro Industries Corp.
Trans Electronics, Inc.
Ultradyne, Inc.

# Ultrasonic

Acoustica Associates, Inc.
Alcar Instruments, Inc.
Arenberg Ultrasonic Laboratory, Inc.
Curtiss-Wright Corp., Industrial & Scientific
Products Div
Culton Industries, Inc.
Kay Electric Co.
Massa Labs., Inc.
Narda Ultrasonics Corp., The
Panoramic Radio Products, Inc.
Telectro Industries Corp.

### Vibration

Benson-Lehner Corp.
Brush Instruments, Div.-Clevite Corp.
Columbia Research Labs.
Consolidated Avionics Corp.
Consolidated Aleonics Corp.
Electronics Dept., Hamilton Standard Div.,
United Aircraft Corp.
Epic, Inc.
Erwood Inc.
Georator Corp.
Insco Co., Div-Barry Controls Inc.
\*KAHN & CO., INC.
Kay Electric Co.
MB Mfg. Co.
Magnasync Mfg. Co., Ltd.
Massa Labs., Inc.
Minneapolis-Honeywell Regulator Co.

Minneapolis-Honeywell Regulator Co., Indust. Minneapolis-moneyweii Regulaio O., Div. Panoramic Radio Products, Inc. Southwestern Industrial Electronics Co. Spectrum Instruments, Inc. Telectro Industries Corp.
Western Electro-Acoustic Lab.

# Wave

Bendi Aviation Corp., York Div.
Benson-Lehner Corp.
Electronics Dept., Hamilton Standard Div.,
United Aircraft Corp.
Georator Corp.
Haller Raymond & Brown Inc.
Kay Electric Co.
Minneapolis-Honeywell Regulator Co.
Panoramic Radio Products, Inc.
Railway Communications Inc.
Ryan Aeronautical Co.
Spectrum Instruments, Inc.
Telectro Industries Corp.
\*TELERAD MFG. CORP.

# Waveform

Adler Electronics, Inc.
Bendix Aviation Corp., York Div.
Benson-Lehner Corp.
Edin Co., Inc.
Georator Corp.
Haller Raymond & Brown Inc.
Minneapolis-Honeywell Regulator Co.,
Minneapolis-Honeywell Regulator Co., Indust.
Div. Div.
Panoramic Radio Products, Inc.
Spectrum Instruments, Inc.
Telechrome Mfg. Corp.
Telectro Industries Corp.

#### **ANEMOMETERS**

Aero Research Instrument Co. Inc. Beckman & Whitley, Inc. Epic, Inc. Flow Corp. Flow Corp.
Friez Instrument Div.-Bendix Aviation Corp.
General Scientific Equipment Co.
Hammett Electric Co.
E. Vernon Hill & Co.
Illinois Testing Laboratories, Inc.
Northam Electronics, Inc.
Scientific Instrument Co.
Telectro Industries Corp.

# **ANNUNCIATORS**

Haller Raymond & Brown Inc.
Optimized Devices, Inc.
Phaostron Instrument & Electronic Co.
Telectro Industries Corp.
United Control Corp.

# ANTI-VIBRATION EQUIPMENT

Columbia Research Labs.
Joe Davidson & Associates
Epic, Inc.
General Cable Corp.
\*\*HOUDAILLE INDUSTRIES, INC., BUFFALO HYDRAULICS DIV.
Walter Kidde & Co., Inc., Aviation Div.
Ling Electronics Inc.
Robinson Aviation, Inc.
Rubbercraft Corp. of California
Telectro Industries Corp.
Thieblot Aviation Co., Div.-Vitro Corp. of
America
United Mfg. Co., The

# **ARSENIC**

Accurate Specialties Co. Inc. Belmont Smelting & Refining Works, Inc. Bios Labs., Ins. Bram Metallurgical & Chemical Co.

# BALANCING EQUIPMENT

Aircraft Standards, Inc.

\*\*COOPER DEVELOPMENT CORP.

Cosa Corp., The
Hammett Electric Co
Hickof Electrical Instrument Co., The
Hicks Corp., The
Micro Balancing, Inc.
Royal Industries, Inc.
Royal Industries, Inc.
Warren Mfg. Div., Warren Brothers Roads Co.

\*\*WESTINGHOUSE ELECTRIC CORP.

# BAROGRAPHS

Friez Instrument Div.-Bendix Aviation Corp. Instruments Corp., The Scientific Instrument Co.

# **BAROMETERS**

Dynametrics Corp.
Friez Instrument Div.-Bendix Aviation Corp.
Hammett Electric Co.
Ideal-Aerosmith, Inc.
Kollsman Instrument Corp., Sub.—Standard Co Kollsman Instrument Co Products Co. Inc. Scientific Instrument Co. Strata Instrument Co.

# BATTERIES, DRY CELL

Bright Star Industries
Burgess Battery Co.
Carbone Corp., The
\*\*EXIDE INDUSTRIAL DIV.
AGE BATTERY CO.
Gudeman Co., The
P. R. Mallory & Co. Inc. DIV.-THE ELECTRIC STOR-

# BATTERIES, LEAD-ACID

Bowers Battery & Spark Plug Co. Electric Auto-Life Co., The \*EXIDE INDUSTRIAL DIV.-THE ELECTRIC STOR-AGE BATTERY CO. Willard Storage Battery Div.

# BELTS, DIAL DRIVE

A. T. Stevens Co.

American Brass Co., The Hamilton Watch Co., Military Products Div. Sohl Co., The

# BIMETAL, THERMOSTATIC

American Silver Co.
Bram Metallurgical & Chemical Co.
Thomas A. Edison Ind., Instrument Div. McGraw-Edison Co.
Metals & Controls Corp.

# BINDING POSTS

Accurate Electronics Corp., Dept D
Aerolite Electronics Corp.
Affiliated Screw Products Co.
Amatom Electronic Hardware Co. Inc.
Birnbach Radio Co., Inc.
Elco Corp.
Electro-Tech Equipment Co.
General Railway Signal Co.
Georator Corp.
\*GRAPHITE METALLIZING CORP.
E. F. Johnson Co.
Litton Industries, Components Div.

# BOARDS, PLUG

Accurate Electronics Corp., Dept D
Aerolite Electronics Corp.
Amatom Electronic Hardware Co. Inc.
Electronic Techniques, Inc.
Elem Mfg. Co. Inc.
Emerson Plastics Corp.
General Railway Signal Co.
La Pointe Industries Inc.
Precision Circuits, Inc.
Vector Electronic Co.

# BREADBOARD KITS, ELECTRONIC

Aerolite Electronics Corp.
Ainslie Corp.
Alden Products Co.
Associated Engineers, Inc.
Dunlap Electronics, Inc.
Electronics Dept., Hamilton Standard D'v.,
United Aircraft Corp.
La Pointe Industries Inc.
Munston Mig. & Service, Inc.
PIC Design Corp., Sub.—Benrus Watch Co., Inc.
Pomona Electronics Co., Inc.
Specific Products
Stanley Aviation Corp.
Telectro Industries Corp.
Thieblot Aviation Co., Div. Vitro Corp. of
America. America Vector Electronic Co.

# BREAKERS, CIRCUIT

Cutler-Hammer Inc. Cutler-Hammer Inc.
Electro-Tech Equipment Co.
General Electric Co., Apparatus Sales Div.
Hammett Electric Co.
Metals & Controls Corp.
MISSILE COMPONENTS GROUP, ELECTRO-SNAP
SWITCH & MFG. CO.
Multi-Amp. Corp.

\*WESTINGHOUSE ELECTRIC CORP.

# BRIDGES

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B & F Instruments, Inc.
James G, Biddle Co.
Cambridge Instrument Company, Inc.
Champion Airguipment Inc.
Dwyer Engrg. Co., Inc.
Electro-Measurements Inc.
Fenske Fedrick & Miller Co.
Georator Corp.
Gray Instrument Co.
LINC Georator Corp.
Gray Instrument Co.
\*KAHN & CO., INC.
Leeds & Northrup Co.
Minneapolis-Honeywell
nautical Div. Regulator Co., Aero-Servonic Instruments, Inc Telectro Industries Corp.

# BRUSHES, SOUND REPRODUCTION EQUIPMENT

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# CABINETS, PLASTIC

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Budd Co.

\*CRAIG SYSTEMS, INC.
Dayton Aircraft Products, Inc.
Erie Resistor Corp.
Fischer & Porter Co.
Gardner Laboratory, Inc.
Jodee Plastics Co.
Paul & Beekman, Inc.
Star Engraving Co., Ltd.
Sylvania Electric Products Inc., Parts
Thieblot Aviation Co., Div.-Vitro
America Parts Div. Vitro Corp. of

# CABINETS, TEMPERATURE TEST

Accessory Controls & Equipment Corp.
Advanced Electronics, Inc.
\*AEROTEST LABORATORIES, INC.

\*AEROTEST LABORATORIES, INC.
Aireco, Inc.
AMERICAN MACHINE & FOUNDRY CO.
Associated Testing Labs., Inc.
Cincinnati Sub Zero Products
\*CONRAD, INC.
Environmental Equipment Co.
G. W. Galloway Co.
Guardite Co., Div. of American-Marietta Co.
Hallikainen Instruments
\*KAHN & Co., INC.
Missimers Inc.
Resdel Energ. Corp.
\*RYAN INDUSTRIES
Scientific Instrument Co.
Standard Cabinet Co.
Sun Electric Corp.
Tenney Engrg., Inc.
Thieblot Aviation Co., Div.-Vitro Corp. of
America.
Thieblot Aviation Co., Div.-Vitro Corp. of
America.

Inhebiot Aviation Co., Div.-Vitro Corp. of America Warren Mfg. Div. Warren Brothers Roads Co. \*WASHINGTON ALUMINUM CO., INC. Webber Engrg. Corp.

# CABLE ASSEMBLIES

Advanced Electronics, Inc.
Aeronautical & Instrument Div., RobertshawFulton Controls Co.
Alden Products Co.
Alden Products Co.
Alden Products Co.
Alpha Wire Corp.
American Electric Cable Co.
American Super-Temperature Wires, Inc.
Andrew Corp.
Arens Controls Inc.
Automotive & Aircraft Div.-American Chain &
Cable Co., Inc.
Belden Mig. Co.
Bergen Wig. Rope Co.
Bergen Wig. Rope Co.
Bergen Wig. Rope Co.
Berstahre Electric Cable Co.
Biss Electronic Corp.
William Brand & Co., Inc.
Colitornia Inchnical Industries, Div.-Tevtron Inc.
Centrolic Corp.
Colotic Corp.
Colotic Development Corp. \*COOPER DEVELOPMENT CORP.

Cnoster Capie Corp.

COOPER DEVELOPMENT CORP.

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Dever Engrg. Co., Inc.

Electroic Aufo-Life Co., The

Electroics Dept., Hamilton Standard Div.,

United Aircraft Corp.

Empire Electronics Co., Inc.

First Electronics Co., The,

Greenleaf Mig. Co., The,

Div.-Mandrel Industries Inc.

Hackensack Cable Corp.

Hallett Mig. Co.

Hi-Lo Manufacturing Corp.

Hi-Lo Manufacturing Lifeting Lifet

Kaiser Aircraft & Electronics Div.-Kaiser Industries Corp.
Kilgen Aircraft Div.-The Kilgen Organ Co.
Methode Mig. Corp.
Missile Engrg. Products, Inc.
Network Mig. Corp.
Pacific Automation Products, Inc.
Packard Electric Div.-General Motors Corp.
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Res Corp., The
John A. Roeblings Sons Corp.
Rowe Industries
Schaffer Air Industries, Inc.
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Surprenant Mig. Co.
Ielectro Industries Corp.
Thermax Wire Corp.
Tri-Dex Co.
Victor Electric Wire & Cable Corp.
Westbury Electronics Inc.
Western International Co.
Westwood Cable Corp.
Wheeler Electronic Corp., Sub.—Sperry Rand
Corp.
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# CABLE ASSEMBLIES

Food Machinery & Chemical Corp., Ordnance

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## CABLE

Aeronautical & Instrument Div., Robertshaw-Fulton Controls Co.
Alden Products Co.
Alpha Wire Corp.
American Electric Cable Co.
\*AMERICAN STEEL & WIRE DIV.-UNITED STATES
STEEL CORP.
American Super Temperature Wires Inc.
Ansonia Wire & Cable Co., The
Arens Controls, Inc.
Belden Mfg. Co.
Bergen Wire Rope Co.
Berkshire Electric Cable Co.
Birnbach Radio Co., Inc.
Boston Insulated Wire & Cable Co.
William Brand & Co., Inc.
Copperweld Steel Co., Wire & Cable Div.
Electric Auto-Lite Co., The
General Cable Corp.
Hackensack Cable Corp.
Hallett Mfg. Corp.
Hallett Mfg. Corp.
Multi-Amp Corp.
Mohawk Wire & Cable Corp.
Multi-Amp Corp.
NormAMADY ELECTRIC WIRE CORP.
Okonite Co., The
Pacific Automation Products, Inc.

Multi-Amb Corp.

NORMANDY ELECTRIC WIRE CORP.

Okonite Co., The
Pacific Automation Products, Inc.
Packard Electric Div.-General Motors Corp.
Peschel Electronics, Inc.
Phelps Dodge Copper Products Corp.
Plastoid Corp.
Rex Corp., The
Rockbestos Products Corp.
John A. Roeblings Sons Corp.
Rome Cable Corp.
Seguoia Wire Co.
Surprenant Mfg. Co.
Thermax Wire Corp.
Times Wire & Cable Corp.
Victor Electric Wire & Cable Corp.
Western International Co.
Westwood Cable Corp.
Winder Aircraft Corp. of Fla.
Wire Co., of America, Inc.
Zippertubing Co., The

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Consolidated Electrodynamics Corp.
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Dynametrics Corp.
Electric Auto-Lite Co., The
Fenske Fedrick & Miller Co.
Gertsch Products Inc.
Hallamore Electronics Co.
Haller Raymond & Brown Inc.
Microwave Electronics Div., Sperry Gyroscope
Co. Co., Minneapolis-Honeywell Regulator Co., Aeronautical Div.
Potter Aeronautical Corp.
Rese Engrg., Inc.
Telectro Industries Corp.
Telonic Industries, Inc.
Tentformers, Ice.

Transformers, Inc. Varo Mfg. Co.

# CAMERA AUXILIARY EQUIPMENT

CAMERA AUXILIARY EQUIPMENT
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Camerflex Corp.
Dunlap Electronics, Inc.
Eastman Kodak Co.
Sherman Fairchild & Assoc. Inc.
J. W. Fecker, Inc., Sub.—American Optical Co.
\*HAYWARD SCIENTIFIC GLASS CORP.
Huber Industries, Inc.
J. A. Maurer, Inc.
Optomechanisms Inc.
Reeves Instrument Corp.
Specialties, Inc.
Telectro Industries Corp.

# CAMERA MOUNTS

AMERA MOUNTS

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\*AMERICAN MACHINE & FOUNDRY CO.
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Camerafiex Corp.
G. M. Dykes Iron Works, Inc.
Sherman Fairchild & Assoc. Inc.
J. W. Fecker, Inc., Sub.—American Optical Co.

\*FLIGHT RESEARCH, INC.
Huber Industries, Inc.
J. A. Maurer, Inc.
Optomechanisms Inc.
Optomechanisms Inc.
Reeves Instrument Corp.
Robinson Aviation, Inc.
Traid Corp.
Winder Aircraft Corp. of Fla.

# CAMERAS

Allegany Instrument Co., Inc.
Barnes Development Co.
Beattie-Coleman, Inc.
Benson-Lehner Corp.
Eastman Kodak Co.
Electric Auto-Lite Co., The
Sherman Fairchild & Assoc. Inc.
J. W. Fecker, Inc., Sub.—American Optical Co.
\*FLIGHT RESEARCH, INC.
Haller Raymond & Brown Inc.
Houston Fearless Corp.
Land-Air, Inc., Sub.—California Eastern Aviation, Inc. Inc.
Ubrascope Inc.
Mast Development Co., Inc.
J. A. Maurer, Inc.
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Traid Corp.
Wollensak Optical Co.

# Data Recording

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Cameraflex Corp.
Consolidated Electrodynamics Corp.
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Sherman Fairchield & Assoc. Inc.
J. W. Fecker, Inc., Sub.—American Optical Co.
\*FLIGHT RESEARCH, INC.
Graflex, Inc.
Haller Raymond & Brown Inc.
Houston Fearless Corp.
Land-Air, Inc., Sub.—California Eastern Aviation, Inc. Inc.
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J. A. Maurer, Inc.
Nemeth, Inc.
Optomechanisms Inc.
Perkin-Elmer Corp.
Reeves Instrument Corp.
Southwestern Industrial Electronics Co.

# High Speed

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Barnes Development Co.
Benson-Lehner Corp.
Eastman Kodak Co.
Edgerton, Germeshausen & Grier, Inc.
Sherman Fairchild & Assoc. Inc.
Fairchild Camera & Instrument Corp., Industrial Camera Div.
\*FLICHT RESEARCH, INC.
Georator Corp.

FLIGHT RESEARCH, INC.
Georator Corp.
Haller Raymond & Brown Inc.
Librascope Inc.
Mast Development Co., Inc.
J. A. Maurer, Inc.
Optomechanisms Inc.
Traid Corp.
Wollensak Optical Co.

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Land-Air, Inc., Sub.—California Eastern Aviation, Inc.

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Photomicrographics \*BAUSCH & LOMB OPTICAL CO.

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Land-Air, Inc., Sub.—California Eastern Aviation, Inc.

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Sequence, Pluse
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Cameraflex Corp.
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Sub.—American Optical Co.
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Optomechanisms Inc.
Traid Corp.
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# X-Ray

Electric Auto-Lite Co., The Instruments Div.-Philips Electronics, Inc. Optomechanisms Inc. St. John X-Ray Laboratory Science House, Inc.

# CELLS, PHOTOELECTRIC

Cambridge Instrument Company, Inc.
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Eastman Kodak Co.
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Electronic Sorp. of America
Electronic Sorp. of America
General Electric Co., Apparatus Sales Div.
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AVCO MFG. CORP.
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CHASSIS, CABINET

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Zenith Optical Laboratory

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LLAMPS, HARNESS

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Kickhaefer Mfg. Co.,
Progressive Research & Development Co., Inc.
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# CLIPS

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Amatom Electronic Hardware Co. Inc.
American Brass Co., The
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Birnbach Radio Co., Inc.
H. Braun Tool & Instrument Co., Inc.
Dumont Aviation Associates
Garde Mig. Co.
Walter K. Jaros, Aircrafters
Kickhaefer Mig. Co.
Mueller Electric Co.
Progressive Research & Development Co., Inc.
Reliable Spring & Wire Forms Co., The
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COIL ASSEMBLIES

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Caddell-Burns Mfg., Co., Inc.,
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Dwyer Engrg., Co., Inc.,
Dwyer Engrg., Co., Inc.,
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Winatic Corp., The

# COILS, HIGH TEMPERATURE

Abrams Instrument Corp.
Ace Coil & Electronics Co.
Advanced Electronics Co.
Advanced Electronics Corp.
American Research & Mfg. Corp.
Central Coil Co. Inc.
Continental Diamond Fibre Corp., Sub.-The
Budd Co.
Cycle Transformer Corp.
Garde Mfg. Co.
E. F. Johnson Co.
Mar Vista Engrg. Co.
J. W. Miller Co.
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Precision, Inc. Potter Aeronautical Corp.
Precision, Inc.
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\*\*KAHN & CO., INC.
Leeds & Northrup Co.
Librascope Inc.
\*Patierson, Moos Div.-Universal Winding Co., Inc.
Servomechanisms, Inc.
Thompson-Ramo-Wooldridge Products Co., The

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Alarm System

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Brooks Rotameter Co.
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Thomas A. Edison Ind., Instrument Div.—McGraw-Edison Co.
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\*\*KAHN & CO., INC.
\*\*Lumen, Inc.
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Conductivity

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Industrial Instruments Inc.
Patterson, Moos Div.-Universal Winding Co., The
Thompson-Ramo-Wooldridge Products Co., The

# Density

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CDC Control Services, Inc.
Curtiss-Wright Corp., Electronics Div.
Fischer & Porter Co.

# Dimension

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# Film Thickness

CDC Control Services, Inc. Curtiss-Wright Corp., Electronics Div. J. W. Dice Co.

Electric Eye Equipment Co. Nuclear Corp. of America, Inc. Sheffield Corp., The, Sub.—Bendix Aviation Corp.

# Heat Treating

CDC Control Services, Inc.
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General Electric Co., Apparatus Sales Div.
E. Vernon Hill & Co.
Leeds & Northrup Co.
Size Control Co.

# Humidity

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# Inspection

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\*MISSILE COMPONENTS GROUP, ELECTRO-SNAP
SWITCH & MFG. CO.
Sheffleld Corp., The, Sub.—Bendix Aviation Corp.
Size Control Co.
Thempson-Ramo-Wooldridge Products Co., The

# Materials Thickness

Materials Inickness

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CDC Control Services, Inc.
Cleveland Instrument Co.
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Daytronic Corp.
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Electric Eye Equipment Co.
Gardner Laboratory, Inc.
XKAHN & CO., INC.
Sheffield Corp., The, Sub.—Bendix Aviation Corp.
Size Control Co.
\*WESTINGHOUSE ELECTRIC CORP.

#### CORD SETS

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American Brass Co., The
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Essex Mfg. Co., Inc.
General Cable Corp.
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International Electric Industries, Inc.
Kulka Electric Corp.
Royal Electric Corp.
Telectro Industries Corp.
Victor Electric Wire & Cable Corp.
Waldom Electronics Inc.
Western International Co.
Western International Co.

#### COUNTERS

Advance Industries, Inc.

Advance Industries, Inc.
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Automatic Electric Sales Corp.
Burroughs Corp.
Consolidated Avionics Corp.
Dynac, Inc.
Frie Resistor Corp.
Exact Engrg. & Mig. Inc.
General Rallway Signal Co.
Haller Raymond & Brown Inc.
Hupp Instrumation, Div.—Eric-Pacific
Industrial Electronic Engineers
Librascope Inc.
Nemeth, Inc.
Royal Industries, Inc.
Skiatron Electronics & Television Corp.
Streeter-Amet Co.
Systron Corp.
Telectrico Industries Corp.
Thompson-Ramo-Wooldridge Products Co., The
Veeder-Roof Inc. Veeder-Root Inc. Wacline, Inc. Walkirt Co.

# Computer

Baird-Atomic, Inc.
Bendix Aviation Corp., York Div.
Bowmar Instrument Corp.
Bowmar Instrument Corp.
Consolidated Avionics Corp.
Consolidated Avionics Corp.
Eclipse-Pioneer Div., Bendix Aviation Corp.
Electronic Associates, Inc.
Electronic Engrg. Co. of California

Exact Engrg, & Mfg, Inc.
Haller Raymond & Brown Inc.
Librascope Inc.
Nuclear Products-Erco, Div.ACF Industries, Inc.
Skiatron Electronics & Television Corp.
Soroban Engrg, Inc.
Technical Oil Tool Corp.
Telectro Industries Corp.
Thompson-Ramo-Wooldridge Products Co., The
Walkirf Co.

# Electro-Magnetic

Electro-Magnetic

Abrams Instrument Corp.
Baird-Atonic, Inc.
Bowmar Instrument Corp.
Burnoughs Corp.
Durant Mig. Co.
Electro-Tech Equipment Co.
Exact Engrg. & Mig. Co.
General Controls Co.
Haller Raymond & Brown Inc.
Librascope Inc.
Nemeth, Inc.
Photocon Research Products
Ryan Aeronaufical Co.
Skiafron Electronics & Television Corp.
Streeter-Amet Co.
Talley Corp., The
Telectro Industries Corp.
Veeder-Root Inc.

# Electronic

Electronic

Advance Industries, Inc.
Baird-Atomic, Inc.
Burroughs Corp.
Burroughs Corp.
Electronic Tube Div.
Cameraflex Corp.
Centronix Inc.
Computer-Measurements Corp.
Consolidated Avionics Corp.
Consolidated Electrodynamics Corp.
Dunlap Electronics, Inc.
Durant Mig. Co.
Dynac, Inc.
Eldorado Electronics
Electronic Associates, Inc.
Electronic Control Corp.
Electronic Engrg. Co. of California
Electronics Corp. of America
Electronic Riley Signal Co.
Haller Raymond & Brown Inc.
Hamper Electronics Co., Inc.
Hupp Instrumation, Div.—Erie Pacific
II-S Instrumant Corp.
Lavoie Labs., Inc.
Gerard G. Leeds Co., Inc.
Northeastern Engrg. Inc.
Photobell Co., Inc.
Photobell Co., Inc.
Poter Aeronautical Corp.
Skiatron Electronics & Television Corp.
Systron Corp.
Varo Mig. Co.

Tootage

# Footage

Burroughs Corp.
Cameraflex Corp.
M. Ducommun Co.
Electro-Tech Equipment Co.
Exact Engrg. & Mfg. Inc.
Nemeth, Inc.
Skiatron Electronics & Television Corp.
System Corp.
Telectro Industries Corp.
Veader-Root Inc.
Walkirt Co.

# Frequency

Computer-Measurements Corp.
Consolidated Avionics Corp.
Dunlap Electronics, Inc.
Dynac, Inc.
Electro-Pulse, Inc. Dyllack, No.
Epsco Inc.
Epsco Inc.
Epsco Inc.
Erie Resistor Corp.
Haller Raymond & Brown Inc.
Hupp Instrumation, Div.—Erie-Pacfilic
I-L-S Instrument Corp.
Laboratory for Electronics, Inc.
Lavoie Labs., Inc.
Gerard G. Leeds Co., Inc.
Nemeth, Inc.
Nemeth, Inc.
Orler Aronautical Corp.
Skiatron Electronics & Television Corp.
Skiatron Electronics & Television Corp.
Telectro Industries Corp.
Varo Mfg. Co.
Veeder-Root Inc.
Walkirt Co.

# Impulse

Abrams Instrument Corp. Automatic Electric Sales Corp.

Baird-Atomic, Inc.
Bowmar Instrument Corp.
Cameraflex Corp.
Computer-Measurements Corp.
Digitran Co., The
Dynac, Inc.
Electronic Associates, Inc.
Electro-Iech Equipment Co. Electro-Tech Equipment Co.
Epsco Inc.,
Eric Resistor Corp.
Exact Engrg. & Mfg. Inc.,
General Railway Signal Co.
Haller Raymond & Brown Inc.
Hamilton Watch Co., Military Products Div.
Laboratory for Electronics, Inc.,
Gerard G. Leeds Co., Inc.
Librascope Inc.
Photocon Research Products
Skiatron Electronics & Television Corp.
Streeter-Amet Co.
Systron Corp.
Technical Oil Tool Corp.
Telectro Industries Corp.
Veeder-Root Inc.
Walkirt Co.

# Mechanical

Mechanical

Amerac Inc.

Bowmar Instrument Corp.

Digitran Co., The

Durant Mfg. Co.

Eclipse-Pioneer Div., Bendix Aviation Corp.

Electro-Tech Equipment Co.

Exact Engrg. & Mfg. Inc.

General Controls Co.

General Railway Signal Co.

Hamilton Watch Co., Military Products Div.

Kearfott Co., Inc.

Librascope Inc.

Librascope Inc.

Nemeth, Inc.

Photocon Research Products

Skiatron Electronics & Television Corp

Talley Corp., The

Technical Oil Tool Corp.

Telectro Industries Corp.

Veeder-Root Inc.

# Preset

Abrams Instrument Corp.

Baird-Atomic, Inc.

Bownar Instrument Corp.

Bownar Instrument Corp.

Burroughs Corp. Electronic Tube Div.

Computer-Measurements Corp.

Consolidated Avionics Corp.

Durant Mfg. Co.

Dynac, Inc.

Electro-Pulse, Inc.

Electro-Pulse, Inc.

Electro-Pede Equipment Co.

Exact Engrg. & Mfg. Inc.

Hupp Instrumation, Div.—Erie-Pacific

I-L-S Instrument Corp.

Industrial Electronic Engineers

Nemeth, Inc.

Northeastern Engrg. Inc.

Photocon Research Products

Potter Aeronautical Corp.

Streeter-Amet Co.

Systron Corp.

Technical O'll Tool Corp.

Telectro Industries Corp.

Veeder-Root Inc.

Walkirt Co.

# Proportional

'roportional
Baird-Atomic, Inc.
Bowmar Instrument Corp.
Coleman Engrg. Co., Inc.
Dynac, Inc.
Eact Engrg. & Mfg. Inc.
Lumen, Inc.
Nuclear-Chicago Corp.
Nuclear Measurements Corp.
Potter Aeronautical Corp.
Radiation Counter Labs. Inc.
Skiatron Electronics & Television Corp.
Telectro Industries Corp.
Veeder-Root Inc.

# Radiation

Baird-Atomic, Inc.
Eldorado Electronics
Gerard G. Leeds Co., Inc.
Nuclear-Chicago Corp.
Nuclear Corp. of America, Inc.
Nuclear Measurements Corp.
Patterson, Moos Div.-Universal Winding Co., Inc.
Radiation Counter Labs., Inc.
Radiation Instrument Development Laboratory, Inc.

St. John X-Ray Laboratory Skiatron Electronics & Television Corp. Systron Corp. Telectro Industries Corp. Veeder-Root Inc.

#### Revolution

Revolution

Baird-Atomic, Inc.

Bowmar Instrument Corp.

Coleman Engrg, Co., Inc.

Digitran Co., The

Durant Mfg. Co.

Dynac, Inc.

Electro-Tech Equipment Co.

Exact Engrg. & Mfg. Inc.

General Controls Co.

Hupp Instrumation, Div.—Erie-Pacific

Nemeth, Inc.

Photocon Research Products

Potter Aeronautical Corp.

Stracter-Amet Co.

Telectro Industries Corp.

Uniwave, Inc.

Veeder-Root Inc.

Wacline, Inc.

### Scintillation

American Electronics, Inc. American Electronics, Inc.
Baird-Atomic, Inc.
Fisher Research Lab., Inc.
Hamner Electronics Co., Inc.
Instruments Div.-Philips Electronics, Inc.
Gerard G. Leeds Co., Inc.
Moran Instrument Corp.
Nuclear-Chicago Corp.
Nuclear-Chicago Corp.
Nuclear Corp. of America, Inc.
Nuclear Measurements Corp.
Radiation Counter Labs., Inc.
Radiation Instrument Development Laboratory, Inc. Inc. Skiatron Electronics & Television Corp. Systron Corp. Telectro Industries Corp.

# CRYSTAL ANALYSIS EQUIPMENT

Barnes Development Co. McCoy Electronics Co. Specific Products

# DAMPERS, VIBRATION AND SHIMMY

Clemco Aero Products, Inc.
General Cable Corp.
\*HOUDAILLE INDUSTRIES, INC., BUFFALO HYDRAULICS DIV.
Rubbercraft Corp. of California
Sesco Mfg., Inc.
Titeflex, Inc.

# **DELAY LINES**

Alden Products Co.
Anderson Laboratories, Inc.
Arenberg Ultrasonic Laboratory, Inc.
Billey Electric Co.
Richard D. Brew & Co., Inc.
Brubaker Electronics, Inc., Sub.—Telecomputing
Corp.
Coil Co. Inc. Central Coil Co. Inc.
Digitronics Corp.
ESC Corp.
Epsco Inc.
Georator Corp.
Laboratory for Electronics, Inc.
NYT Electronics, Inc.
Redman Electronics Corp.
Stewart-Warner Corp.
Telectro Industries Corp.
Tobe Deutschmann Corp.
Tucson Instrument Corp.
Western Coil Products Co.

# DENSITOMETERS, ELECTRONIC

\*AMERICAN MACHINE & FOUNDRY CO. Applied Research Labs.
Baird-Atomic, Inc.
Eldorado Electronics Eldorado Electronics Ess Instrument Co. Gerard G. Leeds Co., Inc. Liquidometer Corp., Perkin-Elmer Corp. Photovolt Corp. Potter Aeronautical Corp. Research Appliance Co.

# DETECTION SYSTEMS

Arnoux Corp.
Atlantic Research Corp.
Baird-Atomic, Inc.
Browning Laboratories, Inc.
Thomas A. Edison Ind., Instrument Div.-McGraw-Edison Co.
General Nuclear Corp.
\*KAHN & CO., INC.

Gerard G. Leeds Co., Inc.
Optomechanisms Inc.
Potter Aeronautical Corp.
Radiation Counter Labs., Inc.
Ryan Aeronautical Co.
Thompson-Ramo-Wooldridge Products Co., The

# **DETECTORS**

Arnoux Corp.
Consolidated Electrodynamics Corp.
\*KAHN & CO., INC.
Jas. P. Marsh Corp.
Perkin-Elmer Corp.

#### Crack

Curtiss-Wright Corp., Industrial & Scientific Products Div. Menlo Research Lab.

# Crystal

Baird-Atomic, Inc. Demornay-Bonardi Radar Design Corp. Reeves-Hoffman Div. Ryan Aeronautical Co. Telonic Industries, Inc.

Patterson, Moos Div. Universal Winding Co., Inc.

# Explosive Gas

Electron-Radar Products
Electronics Corp. of America
General Electric Co., Apparatus Sales Div.
General Scientific Equipment Co.
\*GREER HYDRAULICS, INC.
Lebaco Williams Jor. Johnson-Williams, Inc.
Mine Safety Appliances Co.
Patterson-Moos Div.-Universal Winding Co., Inc.

Arnoux Corp.
Atlantic Instrument Corp., Sub.—American Electronics, Inc.
J. Bishop & Co. Platinum Works
Thomas A. Edison Ind., Instrument Div.-McGraw-Edison Co.
Electron-Radar Products
Electronics Corp. of America
Eenwal Int Fenwal Inc.

Hoffman Electronics Corp., Semiconductor Div.

Infrared Industries Inc.,

Walter Kidde & Co., Inc., Aviation Div.

# Flaw and Defect, Electronic

J. W. Dice Co.

Cambridge Instrument Company, Inc.
Consolidated Electrodynamics Corp.
Devco Engrg, Inc.
Electron-Radar Products
Electronics Corp. of America
General Electric Co., Apparatus Sales Div.
General Scientific Equipment Co.
Greenbrier Instruments Inc.
\*GREER HYDRAULICS, INC.
Mine Safety Appliances Co.
Perkin-Elmer Corp.

#### Impedance

Microwave Electronics Div., Sperry Gyroscope Co. Sun Electric Corp.

# Leak

Accessory Controls & Equipment Corp.
American Electronics, Inc.
Consolidated Electrodynamics Corp.
Fisher Research Lab., Inc.
E. Vernon Hill & Co.
E. Vernon Hill & Co.
KAHN & CO., INC.
Gerard G. Leeds Co., Inc.
NRC Equipment Corp.
Oxygen Equipment & Service Co.
Perkin-Elmer Corp.
Potter Aeronautical Corp.
Veeco Vacuum Corp.

# Metal, Electronic

Barnes Development Co. J. W. Dice Co. Electro Products Labs., Inc. Fisher Research Lab., Inc. Indiana Steel Products Co., Inc. Potter Aeronautical Corp.

## Magnetic

Advance Industries, Inc.
\*MISSILE COMPONENTS GROUP, ELECTRO-SNAP
SWITCH & MFG. CO.

#### Monoxide

Cambridge Instrument Company, Inc.

# Radiation

Radiation

American Electronics, Inc.
Baird-Atomic, Inc.
Barnes Engineering Co.
Curliss-Wright Corp., Electronics Div.
Fisher Research Lab., Inc.
General Electric Co., Apparatus Sales Div.
General Ruculear Corp.,
Infrared Industries Inc.
Landsverk Electrometer Co.
Menlo Research Lab.
Nuclear-Chicago Corp.
Nuclear Corp. of America, Inc.
Nuclear Measurements Corp.
Patterson, Moos Div.-Universal Winding Co., Inc.
Radiation Counter Labs., Inc.
St., John X-Ray Laboratory
Stanley Aviation Corp.
\*WESTINGHOUSE ELECTRIC CORP.

# DETECTORS

Alto Scientific Co., Inc. Alto Scientific Co., Inc.
Arnoux Corp.
Associated Research, Inc.
Barnes Development Co.
Consolidated Electrodynamics Corp.
Davenport Mfg. Co.
\*KAHN & Co., INC.
Perkin-Elmer Corp.
Reeves Instrument Corp.
Wacline, Inc.

# Resistance

Amelco, Inc.
Arnoux Corp.
Associated Research, Inc.
Barnes Development Co.
California Technical Industries, Div.-Textron Inc.
Thomas A. Edison Ind., Instrument Div.—McGraw-Edison Co.
Multi-Amp Corp.
Reeves Instrument Corp.
T-C Div., Dyna-Empire, Inc.

# Standing Wave

Standing Wave
Alto Scientific Co., Inc.
Browning Laboratories, Inc.
California Technical Industries, Div.-Textron Inc.
Demornay-Bonardi
Electro Impulse Lab., Inc.
Georator Corp.
Hycon Eastern Inc.
Microwave Electronics Div., Sperry Gyroscope Co.
Northeast Electronics Corp.
Omega Labs., Inc.
Sage Laboratories, Inc.
Uniwave, Inc.
Wacline, Inc.
Waveline, Inc.

# Vibration

Vibration

Advanced Electronics, Inc.
Aeronautical & Instrument Div., Robertshaw-Fulton
Controls Co.
Atlantic Reserach Corp.
Cambridge Instrument Company, Inc.
Chesapeake Instrument Corp.
Columbia Research Labs.
Consolidated Electrodynamics Corp.
Georator Corp.
KAHN & CO., INC.
MB Mfg. Co.
Massa Labs., Inc.
Perkin-Elmer Corp.
Herman Hosmer Scott, Inc.
Tel-Instrument Electronics Corp.

# Voltage

Alto Scientific Co., Inc.
Associated Research, Inc.
Davenport Mfg. Co.
Georator Corp.
Multi-Amp Corp.
Slaughter Co., Inc.
Wacline, Inc.

# Waterleak

\*KAHN & CO., INC. Menlo Research Lab. Potter Aeronautical Corp.

# DIALS

Ackerman Engravers, Inc.
Acromark Co., The
Allied Engraving & Stamping Co.
Borg Equipment Div.-The George W. Borg Corp.
Canadian Radium & Uranium Corp.
Eljay Corp.
Etched Products Corp.
Etched Products Corp.
Georator Corp.
Hamilton Watch Co., Military Products Div.
Jodee Plastics Co.
E. F. Johnson Co.

Lancaster Glass Corp.
Lytle Engrg. & Mfg. Co.
Print Loid, Inc.
Sohl Co., Thing Corp.
Star Engraving Co., Ltd.
Techniques, Inc.
United States Radium Corp.
Universal Unlimited, Inc.
Virginia Plak Co.
Waldom Electronics Inc.

# DIODES

Bendix Aviation Corp., Red Bank Div.
Bios Labs., Inc.
Bogue Electric Mfg. Co.
Clevite Transistor Products, Div.-Clevite Corp.
Farnsworth Electronics Co., Div.-Int'l Telephone
& Telegraph Corp.
Gahagan Inc.
Green Rectifier Co.
Hammert Electric Co.
Terminal Radio Corp.

# Crystal

Bios Labs., Inc. Clevite Transistor Products, Div.-Clevite Corp. Hamment Electric Co. Philco Corp., Government & Industrial Divs. Reeves-Hoffman Div. Terminal Radio Corp.

#### Germanium

Bendix Aviation Corp., Red Bank Div. Bios Labs., Inc. CBS-Hytron, Div.-Columbia Broadcasting System, Inc. Clevite Transistor Products, Div.-Clevite Corp. Clevite Transistor Products, Div.-Clevite C Gahagan Inc. Hammett Electric Co. Philoc Corp., Government & Industrial Divs. Philoc Corp., Lansdale Tube Co. Div. Terminal Radio Corp. \*WESTINGHOUSE ELECTRIC CORP.

# Microwave Mixer

Demornay-Bonardi
Farnsworth Electronics Co., Div.-Int'l Telephone
& Telegraph Corp.
Gahagan Inc.,
Georator Corp.
Hammert Electric Co.
Philco Corp., Government & Industrial Divs.
Philco Corp., Lansdale Tube Co. Div.
Terminal Radio Corp.

# Silicon

Bios Labs., Inc. Bogue Electric Mfg. Co. Bradley Labs. CBS-Hytron, Div.-Columbia Broadcasting System, CBS-Hytron, DIV-Columbia bioaccounty inc.
Inc.
Clevite Transistor Products, Div.-Clevite Corp.
Fansteel Metallurgical Corp.
Green Rectifier Co.
Hammert Electric Co.
Helipot Corp.
Hoffman Electronics Corp., Semiconductor Div.
Philoo Corp., Government & Industrial Divs.
Sarkes Tarzian, Inc.
Terminal Radio Corp.
\*WESTINGHOUSE ELECTRIC CORP.

# Silicon Power

Bios Labs., Inc.
Bogue Electric Mfg. Co.
Bradley Labs.
Fansteel Metallurgical Corp.
Green Rectifier Co.
Hammett Electric Co.
Hoffman Electronics Corp., Semiconductor Div.
Sarkes Tarzian, Inc.
Terminal Radio Corp.
\*WESTINGHOUSE ELECTRIC CORP.

# DISCRIMINATORS

DISCRIMINATORS

Airtron, Inc.
Amelco, Inc.
\*AMERICAN MACHINE & FOUNDRY CO.
\*COOPER DEVELOPMENT CORP.
D & R. Ltd.
\*DATA-CONTROL SYSTEMS INC.
Dwyer Engra, Co., Inc.
Epsco Inc.
General Railway Signal Co.
Librascope Inc.
Minneapolis-Honeywell Regulator Co., Aeronautical Div.
Volarad Electronics Corp.
Ryan Aeronautical Co.
Telectro Industries Corp.
Terminal Radio Corp.
Varo Mfg. Co.

# DOSIMETERS

\*AMERICAN MACHINE & FOUNDRY CO. \*ANTON ELECTRONIC LABS., INC. Cambridge Instrument Company, Inc.

Landsverk Electrometer Co.
Menlo Research Lab.
Nuclear-Chicago Corp.
Nuclear Corp. of America, Inc.
Patterson, Moos Div.-Universal Winding Co., Inc.
Radiation Counter Labs., Inc.
St. John X-ray Laboratory
Telectro Industries Corp.
Terminal Radio Corp.

# DRIVERS, RECORDING

Baird-Atomic, Inc. Exact Engrg. & Mfg. Inc. Varo Mfg. Co.

# DRIVES, SMALL ELECTRIC DRIVE **MECHANISMS**

MECHANISMS

Arch Gear Works Inc.
Bowmar Instrument Corp.
Joe Davidson & Associates
Eclipse-Pioneer Div., Bendix Aviation Corp.
Elm Mfg. Co. Inc.
Exact Engrg. & Mfg. Inc.
\*\*EGARRETT CORP. THE, AIRESEARCH MFG. DIVS.
Hamilton Watch Co., Military Products Div.
\*\*A. W. HAYDON CO. THE
Kearfott Co., Inc.
La Pointe Industries Inc.
Land-Air, Inc., Sub.—California Eastern Aviation,
Inc.
Lyndon Aircraft, Inc.

Inc.
Lyndon Aircraft, Inc.
\*MISSILE COMPONENTS GROUP, ELECTRO-SNAP
SWITCH & MFG. CO.
Varo Mfg. Co.
Wacline, Inc.

# DRIVES, TACHOMETER

Arch Gear Works Inc.
Exact Engrg. & Mfg. Inc.
\*A. W. HAYDON CO., THE
I-L-S Instrument Corp.
Kearfoft Co., Inc.
Potter Aeronautical Corp.
Servomechanisms, Inc., Mechatrol Div.
United Mfg. Co. Div., The W. L. Maxson Corp.
Uniwave, Inc.
Yaro Mfg. Co.
Wacline, Inc.

# ENAMEL, INSULATION

Vorac Co., The

# FLOWMETERS, DIFFERENTIAL **PRESSURE**

\*\*REDSURE Dynametrics Corp.
\*\*GARRETT CORP., THE, AIRESEARCH MFG. DIVS. Hagan Chemicals & Controls, Inc. Hickok Electrical Instrument Co., The Kollsman Instrument Corp., Sub.—Standard Coil Products Co. Inc. Minneapolis-Honeywell Regulator Co., Indust. Div.
\*\*WALLACE O. LEONARD, INC. George L. Nankervis Co. Systron Corp.
Trimount Instrument Co.
\*\*YICKERS INC., MARINE & ORDNANCE DEPT., MACHINERY HYDRAULICS DIV.

# FLOWMETERS, VOLUMETRIC

Brooks Rotameter Co.
Dynametrics Corp.
G. W. Galloway Co.
Hallikainen Instruments
Hickok Electrical Instrument Co., The
Librascope Inc.
W. L. Masson Corp., The
J. J. Monaghan Co., Inc.
George L. Nankervis Co.
Nuclear Corp. of America, Inc.
Potter Aeronautical Corp.
Systron Corp.
\*VICKERS INC. MARINE & ORDNANCE DEPT.,
MACHINERY HYDRAULICS DIV.
Waugh Engrg Co.

# **FLUOROMETERS**

Epic, Inc. Jarrell-Ash Co. Ultra-Violet Products, Inc.

# **FLUXMETERS**

Cambridge Instrument Company, Inc. Epic, Inc.
Hickok Electrical Instrument Co., The Gerard G. Leeds Co., Inc.
Leeds & Northrup Co.
Perkin-Elmer Corp.
Rese Engrg., Inc.

# FORCE MEASURING CELLS

Dynametrics Corp. Task Corp.

# FREQUENCY CALIBRATION SERVICES

Demornay-Bonardi George L. Nankervis Co. Varo Mfg. Co.

# GALVANOMETERS

Assembly Products, Inc.
James G. Biddle Co.
Cambridge Instrument Company, In
Consolidated Electrodynamics Corp.
Electro-Tech Equipment Co. Electro-Tech Equipment Co. Epic, Inc. General Electric Co., Apparatus Sales Div. Hamilton Watch Co., Military Products Div. Hickok Electrical Instrument Co., The Leeds & Northrup Co. Massa Labs., Inc. Minneapolis-Honeywell Regulator Co., Indust. Minneapolis-Honeywell Regul Div. J. A. Maurer, Inc. Meters Inc. Offner Electronics Inc. Owen Labs, Inc. Precision Apparatus Co., Inc. Q. V. S. Inc. Sanborn Co.

# GAS ANALYZERS

Applied Research Labs.
Baird-Atomic, Inc.
Baird-Atomic, Inc.
Barton Instrument Corp.
Cambridge Instrument Company, Inc.
Consolidated Electrodynamics Corp.
General Electric Co., Apparatus Sales Div.
Greenbrier Instruments Inc.
Hallikainen Instruments
Leeds & Northrup Co.
Victory Engineering Corp.

# GAUGES

AUGES
Atlantic Research Corp.
Consolidated Controls Corp.
Consolidated Electrodynamics Corp.
Dill Mfg. Co., The
Dynamic Instrument Co., Inc.
Electric Auto-Lite Co., The
Glassco Instrument Co.
Herrick L. Johnston, Inc.
Jas. P. Marsh Corp.
U. S. Gauge Div. American Machine & Metals,
Inc. Weksler Instrument Corp.

# Air Pressure

Air Pressure

Bridgeport Brass Co.
Consolidated Controls Corp.
Dill Mfg. Co., The
Dynamic Instrument Co., Inc.
Electric Auto-Lite Co., The
Fischer & Porter Co.
Friez Instrument Div.-Bendix Aviation Corp.
Gits Brothers Mfg. Co.
Glassco Instrument Controls, Inc.
E. Vernon Hill & Co.
Northam Electronics, Inc.
Servemechanisms, Inc.
Servenic Instrument Co.
Servemechanisms, Inc.
Servenic Instruments, Inc.
U. S. Gauge Div.-American Machine & Metals,
Inc.

Compression

Weksler Instrument Corp.

W. C. Dillon & Co., Inc. Dynamic Instrument Co., Inc. Glassco Instrument Co. U. S. Gauge Div. American Machine & Metals,

\*YICKERS INC., MARINE & ORDNANCE DEPT., MACHINERY HYDRAULICS DIV. Weksler Instrument Corp.

#### Differential Pressure

Differential Pressure

Barton Instrument Corp.
Consolidated Controls Corp.
Consolidated Controls Corp.
Consolidated Electrodynamics Corp.
Decker Corp., The
Dynamic Instrument Co., Inc.
Fischer & Porter Co.
Friez Instrument Div.-Bendix Aviation Corp.
Glassco Instrument Co.
Hagan Chemicals & Controls, Inc.
Kollsman Instrument Corp., Sub.—Standard Coil
Products Co. Inc.
Northam Electronics, Inc.
Scientific Instrument Co.
Servonic Instrument Co.
Gervonic Instrument Co.
Ultradyne, Inc.
U. S. Gauge Div.-American Machine & Metals,
Inc.
VICKERS INC., MARINE & ORDNANCE DEPT

\*VICKERS INC., MARINE & ORDNANCE DEPT.,
MACHINERY HYDRAULICS DIV.
Weksler Instrument Corp.

Fuel Pressure

Fuel Pressure

Barton Instrument Corp.
J. Bishop & Co. Platinum Works
Consolidated Controls Corp.
Consolidated Electrodynamics Corp.
Dynametrics Corp.
Dynametrics Corp.
Dynametrics Corp.
Dynametrics Corp.
Dynametrics Corp.
Corp.
Dynametrics Corp.
Dynametrics Corp.
Dynametrics Corp.
Dynametrics Corp.
Dynametrics Corp.
Dynametrics Instrument Co.
Gilmore Industries Inc.
Glassco Instrument Co.
Minneapolis-Honeywell Regulator Co., Aeronatical Discontinuity
ROCHESTER MFG. CO. INC.
Scientific Instrument Co.
Servonic Instrument, Inc.
U. S. Gauge Div.-American Machine & Metals, Inc.

Weksler Instrument Corp.

# Fuel Quantity

Fuel Quantity

Acoustica Associates, Inc.
Avien, Inc.
Barton Instrument Corp.
Boston Auto Gage Co., The
Dynametrics Corp.
Electric Auto-Lite Co., The
Fischer & Porter Co.
Gilmore Industries Inc.
Liquidometer Corp., The
Minneapolis-Honeywell Regulator Co., Aeronautical Div.
George L. Nankervis Co.

\*ROCHESTER MFG. CO. INC.
Simmonds Aerocessories, Inc.
U. S. Gauge Div.-Amberican Machine & Metals,
Inc.

Waugh Engrg. Co.

Hydraulic Pressure

Hydraulic Pressure

Atlantic Research Corp.
J. Bishop & Co. Platinum Works
Consolidated Controls Corp.
Dynamic Instrument Co., Inc.
Electric Auto-Lite Co., The
Gilmore Industries Inc.
Glassco Instrument Co.
Northam Electronics, Inc.
\*ROCHESTER MFG. CO. INC.
Scientific Instrument Co.
Servonic Instruments, Inc.
U. S. Gauge Div.-American Machine & Metals,
Inc.

\*VICKERS INC., MARINE & ORDNANCE DEPT.,
MACHINERY HYDRAULICS DIV.
Weksler Instrument Corp.

#### Liquid Level

Liquid Level
Acoustica Associates, Inc.
Aeronautical & Instrument Div., Robertshaw-Fulton Controls Co.
Auburn Spark Plug Co., Inc.
Avien, Inc.
Barton Instrument Corp.
Boston Auto Gage Co., The
Dynametrics Corp.
Fischer & Porter Co.
Gilmore Industries Inc.
Hagan Chemicals & Controls, Inc.
Herrick L. Johnston, Inc.
Liquidometer Corp., The
Minneapolis-Honeywell Regulator Co., Aeronautical Div. Minneapolis-Honeywell Regulator Co., Aeronautical Div.
Narda Ultrasonics Corp., The
Northam Electronics, Inc.
\*PENBERTHY MFG. CO.
\*REPUBLIC MFG. CO.
\*REPUBLIC MFG. CO. INC.
Simmonds Aerocessories, Inc.
Trimount Instrument Co.
U. S. Gauge Div.-American Machine & Metals,
Inc.

# Manifold Pressure

Dynamic Instrument Co., Inc. Gilmore Industries Inc. Gilmore Industries Inc.
Glassco Instrument Co.
Kollsman Instrument Corp., Sub.-Standard Coil
Products Co. Inc.
Northam Electronics, Inc.
\*\*ROCHESTER MFG. CO. INC.
Servenic Instruments, Inc.
U. S. Gauge Div.-American Machine & Metals,
Inc.

# Oil Level

Acoustica Associates, Inc.
Barton Instrument Corp.
Boston Auto Gage Co., The
Electric Auto-Lite Co., The
Liquidometer Corp., The
ExeruBLIC MFG. CO.
\*ROCHESTER MFG. CO. INC.

Simmonds Aerocessories, Inc. U. S. Gauge Div. American Machine & Metals,

\*VICKERS INC., MARINE & ORDNANCE DEPT., MACHINERY HYDRAULICS DIV.

#### Oil Pressure

Barton Instrument Corp.
Consolidated Controls Corp.
Dynametrics Corp.
Dynamic Instrument Co., Inc.

Thomas A. Edison Ind., Instrument Div.—
McGraw-Edison Co.
Electric Auto-Lite Co., The
Fischer & Porter Co.
Glassco Instrument Co.
Northam Electronics, Inc.
\*ROCHESTER MFG. CO. INC.
Servonic Instruments, Inc.
U. S. Gauge Div.-American Machine & Metals,
Inc.

\*VICKERS INC., MARINE & ORDNANCE DEPT.,
MACHINERY HYDRAULICS DIV.
Weksler Instrument Corp.

# Outside Air Temperature

Avien, Inc.
J. Bishop & Co. Platinum Works
Illinois Testing Laboratories, Inc
\*ROCHESTER MFG. CO. INC.
Rayco Instruments
Scientific Instrument Co.
Welster Instrument Cor.

#### Pressure

Pressure

Barton Instrument Corp.
Brush Instruments, Div. Clevite Corp.
Consolidated Controls Corp.
Consolidated Electrodynamics Corp.
W. C. Dillon & Co., Inc.
Dynametries Corp.
Dynamic Instrument Co., Inc.
Electric Auto-Lite Co., The
Fischer & Porter Co.
Glassco Instrument Corp., Sub.—Standard Coi'
Products Co. Inc.
Northam Electronics, Inc.
Northam Electronics, Inc.
Photocon Research Products
\*ROCHESTER MFG. CO. INC.
Scientific Instrument Co.
Servomechanisms, Inc.
Servonic Instruments, Inc.
Servonic Instruments, Inc.
Ultradyne, Inc.

Ultradyne, Inc. U. S. Gauge Div.-American Machine & Metals

\*VICKERS INC., MARINE & ORDNANCE DEPT.,
MACHINERY HYDRAULICS DIV.
Weksler Instrument Corp.

Quantity
Liquidometer Corp., The
\*ROCHESTER MFG CO. INC.
Simmonds Aerocessories, Inc.
\*YICKERS INC., MARINE & ORDNANCE DEPT.,
MACHINERY HYDRAULICS DIV.

NTAIN
Brush Instruments, Div.-Clevite Corp.
Columbia Research Labs.
Consolidated Avionics Corp.
Consolidated Electrodynamics Corp.
Daytronic Corp.
W. C. Dillon & Co., Inc.
Dynamic Instrument Co., Inc.
General Electric Co., Apparatus Sales Div.
Gilmore Industries Inc.
Industrial Control Co.

Suction Acme Industrial Co.
Consolidated Controls Corp.
Dynamic Instrument Co., Inc.
Northam Electronics, Inc.
\*ROCHESTER MFG. CO. INC.
U. S. Gauge Div.-American Machine & Metals,
Inc.

\*VICKERS INC., MARINE & ORDNANCE DEPT., MACHINERY HYDRAULICS DIV.

# Torque Pressure

Pressure
Brush Instruments, Div.-Clevite Corp.
Consolidated Controls Corp.
W. C. Dillon & Co., Inc.
Dynametrics Corp.
Electronics Dept., Hamilton Standard Div., United Aircraft Corp.
Gilmore Industries Inc.
\*ROCHESTER MFG. CO. INC.
U. S. Gauge Div.-American Machine & Metals, Inc.

# GAUSSMETERS

Advance Industries, Inc.
Cambridge Instrument Company, Inc.
Electro-Tech Equipment Co.
Hickok Electrical Instrument Co., The
Librascope Inc.
Magnetic Shield Div.-Perfection Mica Co.
Perkin-Elmer Corp.
T-C Div., Dyna-Empire, Inc.

# GENERATORS, TIMING MARKER

Burr-Brown Research Corp. Electro Products Labs., Inc. Orbitran Co., Inc. Ralph M. Parsons Co., The, Electronics Div. Textran Corp.

# GEOPHYSICAL APPARATUS

Benson-Lehner Corp. Georator Corp.

# GRILLS, SPEAKER

Flock Proces Co. Inc. Telectro Industries Corp.

# HARNESSES, ELECTRIC

Advanced Electronics, Inc. Aerolite Electronics Corp. Alden Products Co.

Advanced Electronics, Inc.
Aerolite Electronics Corp.
Alden Products Co.
Amelco, Inc.
\*\*MERICAN MACHINERY & FOUNDRY CO.
American Super-Temperature Wires, Inc.
Anchor Specialty Mig. Co., Inc.
Beaton & Corbin Mig. Co., Inc.
Beaton & Corbin Mig. Co., Inc.
California Technical Industries, Div.-Textron Inc.
\*\*COOPER DEVELOPMENT CORP.
Dayton Aircraft Products, Inc.
Dwyer Engrag. Co., Inc.
Electric Auto-Lite Co., Inc.
Electric Parts Corp.
Eligin Micronics, West Coast Div.-Elgin National
Watch Co.
Empire Electronics Co., Inc.
First Electronics Corp., The
Gudebrod Bross, Silk Co., Inc.
Hallett Mig. Co.
Hammett Electric Co.
Hammett Electric Co.
International Electronic Industries, Inc.
\*\*KAHN & CO., INC.
Kilgen Aircraft Div.-The Kilgen Organ Co.
Lytle Engrg. & Mig. Co.
Packard Electric Div.-General Motors Corp.
Republic Aviation Corp., Guided Missiles Div.
Resdel Engrg. Corp.
Rowe Industries
Schaffer Air Industries, Inc.
Servicair Co.
Skytronics
Suprenant Mig. Co.
Ilectro Industries Corp.
Tibex Co.
Tucson Instrument Corp.
Westbury Electronics Inc.

HEADS, COMPUTER

# HEADS, COMPUTER

Soroban Engrg., Inc. Telectro Industries Corp.

# INDICATORS

INDICATORS

Advanced Products Co., The Arnoux Corp. Barnes Development Co. Barton Instrument Corp. Consolidated Electrodynamics Corp. Dynac, Inc. Electric Auto-Lite Co., The Electro-Measurements Inc.

\*GARREIT CORP., THE AIRESEARCH MFG. DIVS. General Railway Signal Co. General Railway Signal Co. THE Haydon Div.-General Time Corp. Hickok Electrical Instrument Co., The \*KAHN & CO., INC. Leeds & Northrup Co. Milman Engra. Co. Reeves Instrument Corp. Milton Roy Co. U. S. Gauge Div.-American Machine & Metals, Inc. Wacline, Inc.

Arc Back Walkirt Co.

# Arc-Over

Consolidated Airborne Systems, Inc.

# Capacitor Leakage

Barnes Development Co. Peschel Electronics, Inc.

# Detonation Indicators & Meters

Patterson, Moos Div.-Universal Winding Co., Inc.

# Deviation

Consolidated Airborne Systems, Inc. Eclipse-Pioneer Div., Bendix Aviation Corp. Hickok Electrical Instrument Co., The Varo Mfg. Co.

# Dew Point

Electron-Radar Products
Hickok Electrical Instrument Co., The
E. Vernon Hill & Co.
Illinois Testing Laboratories, Inc.
Instruments Corp., The
\*KAHN & CO., INC.
Milton Roy Co.
Scientific Instrument Co.
Wells Industries Corp.

# Dielectric Constant

Consolidated Airborne Systems, Inc. Davenport Mfg. Co. Hickok Electrical Instrument Co., The Slaughter Co., Inc.

# Dive Angle

Coleman Engrg. Co., Inc. Hickok Electrical Instrument Co., The Kearfott Co., Inc. Minneapolis-Honeywell Regulator Co., Aeronau-

#### Drift

\*GARRETT CORP., THE, AIRESEARCH MFG. DIVS. Kearfott Co., Inc.

# Engine Synchronizer

Electro Products Labs., Inc.

# Fluid Conductivity

Hickok Electrical Instrument Co., The Industrial Instruments Inc.

# Fluid Flow, Electronic

Acoustica Associates, Inc. Aero Supply Mfg. Co., Inc.

Aero Supply Mfg. Co., Inc.
Avien, Inc.
Barton Instrument Corp.
Computer-Measurements Corp.
Consolidated Airborne Systems, Inc.
Crescent Engrg. & Research Co.
Fischer & Porter Co.
Flow Corp.
\*\*FARREIT CORP., THE, AIRESEARCH MFG. DIVS.
Hickok Electrical Instrument Co., The
George L. Nankervis Co.
Pioneer-Central Div., Bendix Aviation Corp.
Potter Aeronautics Corp.
Waugh Engrg. Co.

Frequency

Computer-Measurements Corp.
Dynac, Inc.
Erie Resistor Corp.
Helipot Corp.
Hickok Electrical Instrument Co., The
Potter Aeronautics Corp.
Varo Mfg. Co.
Wacline, Inc.
Walkirt Co.
Waugh Engrg. Co.
Westronics Inc.

# Fuel Flow Rate

Acoustica Associates, Inc. Aero Supply Mfg. Co., Inc. Avien, Inc.
Barton Instrument Corp.
Brooks Rotameter Co. Brooks Rotameter Co.
Dynac, Inc.
Electro Products Labs., Inc.
Electronics Dept., Hamilton Standard Div.,
United Aircraft Corp.
Fischer & Porter Co.
Hickok Electrical Instrument Co., The
Minneapolis-Honeywell Regulator Co., Aeronautical Div.
Minneapolis-Honeywell Regulator Co., Indust.
Div. Minneapolis-Honeywell Regulator Co., Inc Div. George L. Nankervis Co. Pioneer-Central Div., Bendix Aviation Corp. Potter Aeronautics Corp. Systron Corp. Waugh Engrg. Co.

# Fuel Mixture

Acoustica Associates, Inc. Fischer & Porter Co.

## Ground Position

Kearfott Co., Inc. Ryan Aeronautical Co. Stromberg-Carlson, Electronics Div.

# Gyro

Exact Engrg, & Mfg. Inc.

\*GARRETT CORP., THE, AIRESEARCH MFG. DIVS.
Hamilton Watch Co., Military Products Div.
Kearfoft Co., Inc., Minneapolis-Honeywell rical Div.
Minneapolis-Honeywell Regulator Co., Boston Div.

\*OPTO-METRIC TOOLS, INC.
Revves Instrument Copp.

Reeves Instrument Corp. Whittaker Gyro, Div. Telecomputing Corp.

# Humidity

Driaire, Inc.
Electron-Radar Products
Friez Instrument DIV-Bendix Aviation Corp.
\*\*SCARRETT CORP. THE, AIRESEARCH MFG. DIVS.
General Scientific Equipment Co.
E. Vernon Hill & Co.
Industrial Instruments Inc.
Instruments Corp., The
\*\*KAHN & CO., INC.
Leeds & Northrup Co.

Scientific Instrument Co. Universal Dynamics Corp. Weksler Instrument Corp. Wells Industries Corp.

### Illumination

Electron-Radar Products Hickok Electrical Instrument Co., The Star Engraving Co., Ltd.

#### Industrial

Cleveland Instrument Co.
Thomas A. Edison Ind., Instrument Div.—McGraw-Edison Co.
Ellison Draft Gage Co.
Minneapolis-Honeywell Regulator Co., Indust.
Div.

DIV.
\*OPTO-METRIC TOOLS, INC.
Potter Aeronautical Corp.
Southwestern Industrial Electronics Co.

# Instrument Landing System

Electronics Dept., Hamilton Standard Div., United Aircraft Corp. General Railway Signal Co. Marion Electrical Instrument Co. Master Specialties Co. Ryan Aeronautical Co.

# Magnetic Field

Magnetic Shield Div.-Perfection Mica Co.

#### Materials Thickness

Amthor Testing Instrument Co., Inc. Cleveland Instrument Co. Daytronic Corp. J. W. Dice Co. Photocon Research Products

# Moisture, Electronic

Consolidated Airborne Systems, Inc. Consolidated Electrodynamics Corp. Electron-Radar Products \*KAHN & CO., INC. Moisture Register Co.

# Moving Target

Exact Engrg. & Mfg. Inc. Laboratory for Electronics, Inc. Reeves Instrument Corp. Ryan Aeronautical Co. Stromberg-Carlson, Electronics Div.

## Null

Ballantine Labs., Inc.
Ballantine Labs., Inc.
Bonton Electronics Corp.
Computer Instruments Corp.
Electro-Measurements Inc.
Georator Corp.
Gertsch Products Inc.
Gray Instrument Co.
North Atlantic Industries, Inc.
Leeds & Northrup Co.
Marion Electrical Instrument Co.
Minneapolis-Honeywell Regulator Co., Boston
Div. Minneapolis-Honeyword
Div.
Optimized Devices, Inc.
Herman Hosmer Scott, Inc.
Trio Laboratories, Inc.
Varo Mfg. Co.
Wacline, Inc.

# Null-Balance, Potentiometer Type

Avien, Inc.
Barnes Development Co.
Consolidated Airborne Systems, Inc.
Gilmore Industries Inc.
North Atlantic Industries, Inc.
Leeds & Northrup Co.
Minneapolis-Honeywell Regulator Co., Indust.
Div.
F. L. Moseley Co.
Research Appliance Co.
Simmonds Aerocessories, Inc.

# Oxygen

Ary Products, Inc. Aro Equipment Corp., The Bergen Labs. Ellison Draft Gage Cò. Pioneer-Central Div., Bendix Aviation Corp.

Cambridge Instrument Company, Inc. Leeds & Northrup Co. Minneapolis-Honeywell Regulator Co., Indust. Div. Photovolt Corp.

# Plan Position

Reeves Instrument Corp. Skiatron Electronics & Television Corp. Stromberg-Carlson, Electronics Div.

Photographic Exposure

Edgerton, Germeshausen & Grier, Inc. General Electric Co., Apparatus Sales Div. Optomechanisms Inc. Wollensak Optical Co.

# Pressure

Pressure

Computer Instruments Corp.
Consolidated Controls Corp.
Consolidated Electrodynamics Corp.
W. C. Dillon & Co., Inc.
Dynamic Instrument Co., Inc.
Thomas A. Edison Ind., Instrument Div.—McGrawEdison Co.
Electric Auto-Lite Co., The
Ellison Draft Gage Co.
Endevco Corp.
Friez Instrument Div.-Bendix Aviation Corp.
Friez Instrument Div.-Bendix Aviation Corp.
General Controls Co.
General Controls Co.
Greenleaf Mfg. Co., The, Div.-Mandrel Industries
Inc. Inc.
Hagan Chemicals & Controls, Inc.
Leeds & Northrup Co.
Mercury International Industries Inc.
Minneapolis-Honeywell Regulator Co., Indust. Div Div. Northam Electronics, Inc. Patterson, Moos Div.-Universal Winding Co., Inc. Patterson, Moos Div.-Universal Winding Co., Inc. Photocon Research Products Scientific Instrument Co. Trimount Instrument Co. U. S. Gauge Div.-American Machine & Metals, U. S. Gauge Div.-American Machine & Metals, Weksler Instrument Corp.

# **Proximity**

Barnes Development Co.
Electro Products Labs., Inc.
Ralph M. Parsons Co., The, Electronics Div.
Philoc Corp., Government & Industrial Divs.
Photocon Research Products
Stanley Aviation Corp.

## Pulse Time Riser

Consolidated Avionics Corp.

#### Radiation

American Electronics, Inc. American Electronics, Inc.
Baird-Atomic, Inc.
Curtiss-Wright Corp., Electronics Div.
General Electric Co., Apparatus Sales Div.
Landsverk Electrometer Co.
Gerard G. Leeds Co., Inc.
Patterson, Moos Div.-Universal Winding Co., Inc.
Radiation Counter Labs., Inc.
St. John X-ray Laboratory

# Radiation, Nuclear

American Electronics, Inc. RJ Electronics, Borg-Warner Corp. American Electronics, Inc.
BJ Electronics, Borg-Warner Corp.
Baird-Atomic, Inc.
Jordan Electronics, Div.-Victoreen Instrument Co.
Landsverk Electrometer Co.
Gerard G, Leeds Co., Inc.
Nuclear Corp. of America, Inc.
Nuclear Measurements Corp.
Radiation Counter Labs., Inc.
Radiation Instrument Development Laboratory, Inc. Inc.
St. John X-ray Laboratory
Stanley Aviation Corp.
\*WESTINGHOUSE ELECTRIC CORP.

# Rate-Of-Climb

Kearfott Co., Inc. \*WALLACE O. LEONARD, INC. Textran Corp.

### Recording Engine \*GARRETT CORP., THE, AIRESEARCH MFG. DIVS.

# RF Probe

Boonton Electronics Corp. Demornay-Bonardi Diamond Antenna & Microwave Corp. Wacline, Inc.

Analogue Controls, Inc.
Thomas A., Edison Ind., Instrument Div.—McGrawEdison Co.
Exact Engrg. & Mfg. Inc.
\*A. W. HAYDON CO., ITHE
Kearfort Co., Inc.
Minneapolis-Honeywell Regulator Co., Boston

\*UNION SWITCH & SIGNAL, DIV.-WESTING-HOUSE AIR BRAKE CORP. Yaro Mfg, Co. Wacline, Inc.

# Servo

Servo

Analogue Controls, Inc.,
CDC Control Services, Inc.
CDC Control Services, Inc.
Consolidated Airborne Systems, Inc.
Detran Electronics, Div.-Mid-Continent Mfg., Inc.
Eclipse-Pioneer Div., Bendix Aviation Corp.
Thomas A. Edison Ind., Instrument Div.—McGrawEdison Co.
Electronic Associates, Inc.
Exact Engrg. & Mfg. Inc.
\*GARRETT CORP., THE, AIRESEARCH MFG. DIVS.
Gray Mfg. Co., The
Greenleaf Mfg. Co., The, Div.-Mandrel Industries
Inc. Inc.
Hagan Chemicals & Controls, Inc.
Kearfott Co., Inc.
Minneapolis-Honeywell Regulator Co., Aeronautical Div.
Minneapolis-Honeywell Regulator Co., Boston Minneapolis-Honeywell Kegula Div. Moran Instrument Corp. North Atlantic Industries, Inc. Reeves Instrument Corp. Research Appliance Co. Ryan Aeronautical Co. Theta Instrument Corp. Weston Hydraulics, Ltd. Smoke & Combustion, Electronic

Electron-Radar Products Electronics Corp. of America Leeds & Northrup Co.

#### Sound Level

Georator Corp. Herman Hosmer Scott, Inc.

# Specific Gravity

Brooks Rotameter Co.
Fischer & Porter Co.
General Scientific Equipment Co.
Potter Aeronautical Corp.

#### Strain

Affain

B & F Instruments, Inc.

Baldwin-Lima-Hamilton Corp., Electronics & Instrumentation Divs.

Columbia Research Labs.

Consolidated Avionics Corp.

Consolidated Electrodynamics Corp.

Datran Electronics, Div.-Mid-Continent Mfg., Inc.

Daytronic Corp.

General Electric Co., Apparatus Sales Div.

Gilmore Industries Inc.

Industrial Control Co.

Owen Labs., Inc.

Performance Measurements Co.

Task Corp.

# Temperature

emperature
Arnoux Corp.
Assembly Products, Inc.
Atlantic Instrument Corp., Sub.—American Electronics, Inc.
Avien, Inc.
Avien, Inc.
Beckman & Whitley, Inc.
Cambridge Instrument Company, Inc.
Cardinal Instrumentation Corp.
Consolidated Avionics Corp.
W. C. Dillon & Co., Inc.
Thomas A. Edison Ind., Instrument Div.—McGraw-Edison Co.
Electronics Dept., Hamilton Standard Div.,
United Aircraft Corp.
Epic, Inc.

Electronics Dept., Hamilton Standard Div.,
United Aircraft Corp.
Epic, Inc.
Fenwal Inc.
Fischer & Porter Co.
Flow Corp.
\*\*GARRETT CORP., THE, AIRESEARCH MFG. DIVS.
General Controls Co.
General Scientific Equipment Co.
Gilmore Industries Inc.
Hickok Electrical Instrument Co., The
E. Vernon Hull & Co.
Illinois Testing Laboratories, Inc.
Instruments Corp., The
International Radiant Corp.
\*\*KAHN & CO., INC.
Walter Kidde & Co., Inc., Aviation Div.
Leeds & Northrup Co.
Lewis Engrg. Co., The
Mercury International Industries Inc.
Minco Products, Inc.,
Minneapolis-Honeywell Regulator Co., Indust.
North Atlantic Industries Inc.

Minco Products, Inc.
Minneapolis-Honeywell Regulator (
Div.
North Atlantic Industries, Inc.
Palmer Thermometers, Inc.
Performance Measurements Co.
Philadelphia Scientific Glass Co.
Powers Regulator Co., The
Pyrometer Instrument Co., Inc.
\*\*ROCHESTER MFG, CO. INC.
Royco Instruments
Scientific Instrument Co.
Tempil Corp.
Thermo Electric Co., Inc.
Vap-Air Div., Vapor Heating Corp.
Victory Engineering Corp.
Wessler Instrument Corp.
Wessler Instrument Corp.

# Thrust

B & F Instruments, Inc.
Baldwin-Lima-Hamilton Corp., Electronics & Instrumentation Divs.
Columbia Research Labs.
Daytronic Corp.
FGARRETT CORP., THE, AIRESEARCH MFG. DIVS.
Gilmore Industries Inc.
Gorrell & Gorrell
Minneapolis-Honeywell Regulator Co., Indust.
Div. Minneapons Inc., Div.
Performance Measurements Co.
Photocon Research Products
Reeves Instrument Corp.
U. S. Gauge Div.-American Machine & Metals.

# Timing

Advanced Products Co., The Bergen Labs.
Computer-Measurements Corp.
Electro Products Labs., Inc.
Eric Resistor Corp.
Elgin Micronics, West Coast Div.-Elgin National Watch Co.
Exact Engrg. & Mfg. Inc.
General Railway Signal Co.
Gilmore Industries Inc.
\*A. W. HAYDON CO., THE
Haydon Div.-General Time Corp.
Lytle Engrg. & Mfg. Co.,
Ernst Norrman Laboratories
Systron Corp.
G. C. Wilson & Co. Advanced Products Co., The

# Torque B & F Instruments, Inc. Baldwin-Lima-Hamilton Corp., Electronics & Instrumentation Divs.

strumenation vivs.
Bergen Labs.
Crescent Engrg. & Research Co.
Electronics Dept., Hamilton Standard Div.,
United Aircraft Corp.
Gilmore Industries Inc.
Minneapolis-Honeywell Regulator Co., Indust. Div. Performance Measurements Co. Task Corp.
U. S. Gauge Div.-American Machine & Metals, Inc.

# True Air Speed

Fairchild Controls Corp., Components Div.
\*GARRETT CORP., THE, AIRESEARCH MFG. DIVS.
Greenleaf Mfg. Co., The, Div.-Mandrel Industries

\*WALLACE O. LEONARD, INC. Research, Inc. Servomechanisms, Inc.

# Vacuum

Amthor Testing Instrument Co., Inc.
Consolidated Electrodynamics Corp.
Consolidated Electrodynamics Corp., Rochester Consolidated Electrodynamics Corp., Rochester Div.
Decker Corp., The Dynamic Instrument Co., Inc.
Ellison Draft Gage Co.
General Electric Co., Apparatus Sales Div.
General Electric Co., Apparatus Sales Div.
High Vacuum Equipment Corp.
Gerard G., Leeds Co., Inc.,
Minneapolis-Honeywell Regulator Co., Indust.
D..
NRC Equipment Corp.
Northam Electronics, Inc.
Process & Instruments
\*ROCHESTER MFG. CO. INC.
Trimount Instrument Co.
U. S. Gauge Div.-American Machine & Metals,
Inc.
Yacuum Tube Products Co. Inc. Vacuum Tube Products Co. Inc. Veeco Vacuum Corp.

# Volume

Hickok Electrical Instrument Co., The Simmonds Aerocessories, Inc.

# Vibration

Vibration

Atlantic Research Corp.
Cambridge Instrument Company, Inc.
Columbia Research Labs.
Consolidated Avionics Corp.
Consolidated Electrodynamics Corp.
Electro Products Labs., Inc.
Electronics Dept., Hamilton Standard Div.,
United Aircraft Corp.
Endevco Corp.
Epic, Inc.
General Electric Co., Apparatus Sales Div.
Georator Corp.
Gilmore Industries Inc.
\*KAHN & CO., INC.
KAY Electric Co.
MB Mfg. Co.
MB Mfg. Co.
MB Mfg. Co.
Messa Labs., Inc.
Herman Hosmer Scott, Inc.
Tel-Instrument Electronics Corp.
Videon Electronic Corp.

# INDUCTANCE SPECIALTIES, MEASUREMENT

Barnes Development Co. Crescent Engrg. & Research Co. Leeds & Northrup Co. United Transformer Corp.

# INDUCTANCES, VARIABLE

Burnell & Co., Inc.
CGS Labs., Inc.
CGS Labs., Inc.
Crescent Engrg. & Research Co.
General Railway Signal Co.
Georator Corp.
E. F. Johnson Co.
Leeds & Northrup Co.
Magnetico, Inc.
NYT Electronics, Inc.
National Coil Co.,
North Hills Electric Co., Inc.
Telectro Industries Corp.
United Transformer Corp.
Vari-L Co., Inc.
Warren Transformer Co., Inc.

# INDUCTORS

Aladdin Electronics, Div. Aladdin Industries Inc.
American Research & Mfg. Corp.
Burnell & Co., Inc.
CGS Labs., Inc.
D & R, Ltd.
General Railway Signal Co.
Georator Corp.
E. F. Johnson Co.
Lenkurt Electric Co., Inc.
Magnetico, Inc.
J. W. Miller Co.
NYT Electronics, Inc.
North Hills Electric Co., Inc.
Precision, Inc.
Precision, Inc.
Telectro Industries Corp.
Transformers, Inc. Telectro Industries Corp.
Transformers, Inc.
Tresco, Inc.
Tri-Dex Co.
United Transformer Corp.
Warren Transformer Co., Inc.
\*WESTINGHOUSE ELECTRIC CORP.

# INDUCTORS, COILS

Advance Industries, Inc.
Advance Industries, Inc.
Aerolite Electronics Corp.
American Research & Mtg. Corp.
Boonton Radio Corp.
Burnell & Co., Inc.
General Railway Signal Co.
Goslin Electric & Mtg. Co.
E. F. Johnson Co.
Lenkurt Electric Co., Inc.
Magnetico, Inc.
J. W. Miller Co.
NT Electronics, Inc.
National Coil Co.
North Hills Electric Co., Inc.
Precision, Inc.
Redman Electronics Corp.
Telectro Industries Corp.
Telectro Industries Corp.
Telectro Industries Corp.
Warren Transformer Co., Unc.
Western Coil Products Co.

# INFRARED DETECTION SYSTEMS

American Optical Co., Instrument Div.
Baird-Atomic, Inc.
Barnes Engineering Co., Coleman Engineering Co., Inc.
Curtiss-Wright Corp., Industrial & Scientific Products Div.
Davidson Mfg. Co.
Eastman Kodak Co.
Electronics Corp. of America
Electronics Dept., Hamilton Standard Div., United Aircraft Corp.
Guided Missile Div.-De Havilland Aircraft of Canada, Ltd.
Haller Raymond & Brown Inc., Infrared Industries Inc., Librascope Inc. Infrated Industries Librascope Inc.
Librascope Inc.
Metavac, Inc.
Mine Safety Appliances Co.
Minneapolis-Honeywell Regulator Co., Ordnance Minneapolis-Honeywell Regulator Co., Oronance Div.
Div.
Optomechanisms Inc.
Patterson, Moos Div.-Universal Winding Co., Inc.
Perkin-Elmer Corp.
Philico Corp., Government & Industrial Divs.
Q. O. S. Corp.
Republic Aviation Corp., Guided Missiles Div.
Ryan Aeronautical Co.
Servo Corp. of America
Skiatron Electronics & Television Corp.
Sylvania Electronic Systems, Div.-Sylvania Electronic Froducts Inc.
\*WESTINGHOUSE ELECTRIC CORP., AIR ARM
DIV. DIV. Wollensak Optical Co.



# NEW LINDSAY GAUGE

designed for jet pressure systems

The RMC-Lindsay Pressure Gauge for jet aircraft is made for extensive cycling-will meet rigid endurance and over-pressure requirements. Not even the most extreme conditions of shock, vibration or temperature disturb its accuracy. Pressure ranges from 1,000 to 15,000 psi.

The RMC-Lindsay Gauge is a bourdon tube type, using a multiple coil, helical bourdon tube with the pointer attached directly to the end of the coil. The life of the Lindsay helical bourdon coil, as compared to the traditional "C" spring bourdon gauge, is more than 10 times greater and its proof pressure limits are increased by a factor of 3 or 4. The helical bourdon tube also eliminates the use of linkages and pivots, improving the gauge's shock resistance by a factor of 5 or 10.

The helical bourdon element is, of course, not a new development. However, the RMC-Lindsay techniques in coiling, heat treatment, calibration and material specifications are new-and exclusive with RMC.

Whatever your high pressure gauge problems may be, why not let RMC engineering skill provide the answers. Write to either of the below addresses, outlining your particular requirements.

> ROCHESTER MFG. CO., INC. OF CALIFORNIA 95 Beacon Place-Pasadena, California



ROCHESTER MANUFACTURING COMPANY, INC. 223 Rockwood Street-Rochester 10, N.Y.

LINDSAY PRESSURE GAUGES

# INFRARED IMAGE CONVERTERS

Aeroflex Corp., The, Aeroflex Labs. Div. Baird-Atomic, Inc.
Electronics Corp. of America Haller Raymond & Brown Inc.
Infrared Industries Inc.
Librascope Inc.
Patterson, Moos Div.-Universal Winding Co., Inc.
Q. O. S. Corp.
Skiatron Electronics & Television Corp.
\*WESTINGHOUSE ELECTRIC CORP., AIR ARM DIV.

# INFRARED SYSTEMS, GUIDANCE

INFRARED SYSTEMS, GUIDANCE

American Optical Co., Instrument Div.
Baird-Atomic, Inc.
Barres Engineering Co.
\*\*BAUSCH & LOMB OPTICAL CO.
California Technical Industries, Div.-Textron Inc.
Curtriss-Wright Corp., Industrial & Scientific
Products Div.
Davidson Mfg. Co.
Eastman Modak Co.
Electronics Corp. of America
Guided Missile Div.-De Havilland Aircraft of
Canada, Ltd.
Aller Raymond & Brown Inc.
Intrared Industries Inc.
Librascope Inc.
Mechanical Div.-General Mills, Inc.
Metavac, Inc.
Optomechanisms Inc.
Patterson, Moos Div.-Universal Winding Co., Inc.
Philico Corp., Government & Industrial Divs.
Q. O. S. Corp.
Republic Aviation Corp., Guided Missiles Div.
Ryan Aeronautical Co.
Skiatron Electronics & Television Corp.
Sylvania Electronics & Television Corp.
Sylvania Electronics Systems, Div.-Sylvania Electronic Tooluck Inc.
\*\*WESTINGHOUSE ELECTRIC CORP., AIR ARM
DIV.

# INSTRUMENTS, ELECTRICAL MEASURING

\*AEROTEST LABORATORIES, INC.
Allegany Instrument Co., Inc.
Alpha Instrument Co., Inc.
Alpha Instrument Co., Inc.
Associated Research, Inc.
Associated Research, Inc.
Barnes Development Co.
Barton Instrument Corp.
Boonton Radio Corp.
Consolidated Electrodynamics Corp.
Daven Co., The
Davenport Mfg. Co.
Dynac, Inc.

Daven Co., The
Daven Dort Mig. Co.
Dynanc, Inc.
Dynamic Instrument Co., Inc.
Electric Auto-Lite Co., The
Fenwal Inc.
John Fluke Mig. Co., Inc.
\*GARRETT CORP., THE AIRSEARCH MFG. DIVS.
General Communication Co.
Hallamore Electronics Co.
Hammett Electric Co.
Heiland Div.—Minneapolis-Honeywell
Hickok Electrical Instrument Co., The
\*KAHN & CO., INC.
Gerard G. Leeds Co., Inc.
Leeds & Northrup Co.
Librascope Inc.
Marion Electrical Instrument Co.
North Atlantic Industries Inc.
Phaostron Instrument & Electronic Co.
Precision Apparatus Co., Inc.
Q. V. S. Inc.
Sun Electric Corp.
Terminal Radio Corp.
Wacline, Inc.

#### Ammeters

Alto Scientific Co., Inc.
Assembly Products, Inc.
Davenport Mfg. Co.
Electric Auto-Lite Co., The
Electric Design & Mfg. Co.
Electro-Tech Equipment Co. Electric Design & Mig. 20.
Electro-Tech Equipment Co.
Epic, Inc.
Hammett Electric Co.
Helipot Corp.
Hickok Electrical Instrument Co., The
Ideal Precision Meter Co., Inc.
General Electric Co., Apparatus Sales Div.
Gerard G. Leeds Co., Inc.
Marion Electrical Instrument Co.
Meters Inc.
Minneapolis-Honeywell Regulator Co., Indust. Div.
Phaostron Instrument & Electronic Co.
Phaostron Apparatus Co., Inc.
\*ROCHESTER MFG. CO. INC.
Q. V. S. Inc.
Simpson Electric Co.
Sum Electric Corp.
Terminal Radio Corp.
Wacline Inc.
\*WESTINGHOUSE ELECTRIC CORP.

\*WESTINGHOUSE ELECTRIC CORP.

#### Audiometers

Daven Co., The
Hammett Electric Co.
\*\*INTERELECTRONICS CORP.
Phaostron Instrument & Electronic Co.
Sun Electric Corp.
Terminal Radio Corp.
Varo Mfg. Co.
Western Electro-Acoustic Lab.

# Bridges

Bridges

Airborne Instruments Lab., Inc.
Allegheny Instrument Co., Inc.
Allegheny Instrument Co.
B & F Instrument Co.
B & F Instrument Co.
B & F Instrument Co.
Boonton Electronics Corp.
Boonton Radio Corp.
Bridges Associates, Inc.
Cal-Ohn Labs., Inc.
Carbridge Instrument Company, Inc.
Crescent Engrg. & Research Co.
Electro-Heasurements Inc.
Electro-Endergy Engent Co.
Electro-Endergy Engent Co.
Electro-Heasurement Son.
Electro-Products Inc.
General Electric Co., Apparatus Sales Div.
Georator Corp.
Gersch Products Inc.
Gray Instrument Co.
Hammett Electric Co.
\*KAHN & CO., INC.
Leeds & Northrup Co.
Marconi Instruments
Minneapolis-Honeywell Regulator Co., Indust. Div.
Narda Microwave Corp., The
Network Mfg. Corp.
Optimized Devices, Inc.
Radex Corp.
Simmonds Aerocessories, Inc.
Southwestern Industrial Electronics Co.
Terminal Radio Corp.

# Calibrators

Calibrators

Allegany Instrument Co., Inc.
Davenport Mg. Co.
Dynamic Instrument Co., Inc.
Electro Instruments, Inc.
Electro Instruments, Inc.
John Fluke Mfg. Co., Inc.
Georator Corp.
Gerstch Products Inc.
Hammett Electric Co.
Hickok Electrical Instrument Co., The
Holt Instrument Laboratories, Div.-Holt Hardwood Co., Inc.
Gerard G. Leeds Co., Inc.
Moran Instrument Corp.
North Atlantic Industries, Inc.
Optimized Devices, Inc.
Potter Aeronautical Corp.
Southwestern Industrial Electronics Co.
Terminal Radio Corp.

#### Comparators

Comparators

Barnes Development Co.

Cleveland Instrument Co.

Consolidated Avionics Corp.

Dynac, Inc.

Electro Instruments, Inc.

General Communication Co.

Georator Corp.

Hammett Electric Co.

Jones & Lamson Machine Co.

Optimized Devices, Inc.

Southwestern Industrial Electronics Co.

Terminal Radio Corp.

Varo Mfg. Co.

# Galvanometers

Assembly Products, Inc.
James G. Biddle Co.
Cambridge Instrument Company, Inc.
Consolidated Electrodynamics Corp.
Electro-Tech Equipment Co.
General Electric Co., Apparatus Sales Div.
Hamilton Watch Co., Military Products Div.
Hammelt Electric Co
Heiland Div.—Minneapolis-Honeywell
Hickok Electrical Instrument Co., The
Leeds & Northrup Co.
Meters Inc.
Minneapolis-Honeywell Regulator Co., Indust. Div.
Precision Apparatus Co., Inc.
Q. V. S. Inc.
Simpson Electric Co.
Terminal Radio Corp.

# Magnetometers

Associated Research, Inc. Hammett Electric Co. Terminal Radio Corp.

# Megohmmeters

Barnes Development Co. James G. Biddle Co. Consolidated Airborne Systems, Inc.

Curtiss-Wright Corp., Electronics Div. Davenport Mfg. Co. Electro-Tech Equipment Co. Epic, Inc. Georator Corp. Hammett Electric Co. Industrial Instruments Inc. Keithley Instruments, Inc. Gerard G. Leeds Co., Inc. Slaughter Co., Inc. Southwestern Industrial Electronics Co. Terminal Radio Corp.

# Microammeters

Assembly Products, Inc.
Barnes Development Co.
Electric Design & Mfg. Co.
Electro-Tech Equipment Co.
Epic, Inc. Electric Design & Mig. Co.
Electric-Ede Equipment Co.
Epic, Inc.
Guilton Industries, Inc.
Hammett Electric Co.
Hicko Electrical Instrument Co., The
Ideal Precision Meter Co., Inc.
Keithley Instruments, Inc.
Gerard G. Leeds Co., Inc.
Marion Electrical Instrument Co.
Meters Inc.
Minneapolis-Honeywell Regulator Co., Indust. Div.
National Coil Co.
Precision Apparatus Co., Inc.
Q. V. S. Inc.
Simpson Electric Co.
Southwestern Industrial Electronics Co.
Sun Electric Corp.
Terminal Radio Corp.
Wachne, Inc.

# Microfaradmeters

Ballantine Labs., Inc. Barnes Development Co. Hammett Electric Co. Gerard G. Leeds Co., Inc. Terminal Radio Corp.

# Micro-Microammeters

Barnes Development Co.
Curtiss-Wright Corp., Electronics Div.
Epic, Inc.
Hammett Electric Co., Inc.
Keithlev, Instruments, Inc.
Gerard G., Leeds Co., Inc.
Leeds & Northrup Co.
Minneapolis-Honeywell Regulator Co., Indust. Div.
Phaostron Instrument & Electric Co.
Q. V. S. Inc.
Sun Electric Corp.
Terminal Radio Corp.
Wacline, Inc.

# Milliammeters

Milliammeters

Alto Scientific Co., Inc.
Assembly Products, Inc.
Barnes Development Co.
Electric Development Co.
Electric Development Co.
Electric Development Co.
Electric Development Co.
Electro-Tech Equipment Co.
Electro-Tech Equipment Co.
Electro-Tech Equipment Co.
Electro-Tech Equipment Co.
Amount Electric Co.
Hickok Electrical Instrument Co., The Ideal Precision Meter Co., Inc.
Gerard G. Lectrical Instrument Co.
Meters Inc.
Marion Electrical Instrument Co.
Meters Inc.
Minneapolis-Honeywell Regulator Co., Indust. Div.
National Coil Co.
Phaostron Instrument & Electronic Co.
Precision Apparatus Co., Inc.
Q. V. S. Inc.
Simpson Electric Cor.
Simpson Electric Cor.
Terminal Radio Corp.
Wacline, Inc.

# Millivoltmeters

Allegany Instrument Co., Inc.
Alpha Instrument Co., Inc.
Altho Scientific Co., Inc.
Assembly Products, Inc.
Ballantine Labs., Inc.
Boonton Electronics Corp.
Curtiss-Wright Corp., Electronics Div.
Daven Co., The
Davenport Mfg. Co.
Dunlap Electronics, Inc.
Electric Design & Mfg. Co.
Electro-Tech Equipment Co.
Epic, Inc. Electro-Tech Equipment Co. Epic, Inc. Fisher Research Lab., Inc. Flow Corp. John Fluke Mfg. Co., Inc. General Electric Co., Apparatus Sales Div. Gulton Industries, Inc. Hagan Chemicals & Controls, Inc. Hammett Electric Co. Hickok Electrical Instrument Co., The \*KAHN & CO., INC. Gerard G. Leeds Co., Inc.

Minneapolis-Honeywell Regulator Co., Div.
Marion Electrical Instrument Co. Meters Inc.
National Coil Co.
Non-Linear Systems Inc.
North Atlantic Industries, Inc.
Owen Labs., Inc.
Phaostron Instrument & Electronic Co.
Precision Apparatus Co., Inc.
Q. V. S. Inc.
Simpson Electric Co.
Southwestern Industrial Electronics Co. Southwestern Industrial Electronics Co.
Terminal Radio Corp.
Thermo Electric Co., Inc.
Wacline, Inc. Minneapolis-Honeywell Regulator Co., Indust.

# **Ohmmeters**

Associated Research, Inc.
Bergen Labs.
James G. Biddle Co.
Davenport Mig. Co.
J. W. Dice Co.
Electric Auto-Life Co., The
Electronic Associates, Inc.
Electronic Associates, Inc.
Electro-Fech Equipment Co.
Elgin Micronics, West Coast Div.-Elgin National
Watch Co.
Epic, Inc.
Gray Instrument Co.
Hammett Electric Co.
Hickok Electrical Instrument Co., The
Industrial Instruments Inc.
Gerard G. Leeds Co., Inc.
Leeds & Northrup Co.
Mon-Linear Systems Inc.
Non-Linear Systems Inc.
Non-Linear Systems Inc.
Non-Linear Co.
Simpson Electric Co.
Simpson Electric Co.
Singson Electric Co.
Singson Electric Co.
Slaughter Co., Inc.
Southwestern Industrial Electronics Co.
Sun Electric Cop.
Telectro Industrial Electronics Co.
Terminal Radio Corp.

# Panel

Assembly Products, Inc.
Assembly Products, Inc.
Astlantic Engravers, Inc.
Canadian Radium & Uranium Corp.
Electric Design & Mig. Co.
Electric Design & Mig. Co.
Electric Place of Co.
Hammeth Electrica Instrument Co., The
Ideal Precision Meter Co., Inc.
Gerard G. Leeds Co., Inc.
Marco Industries Co.
Marion Electrical Instrument Co.
Meters Inc.
Phaostron Instrument & Electronic Co.
Precision Apparatus Co., Inc.
O, V. S. Inc.
Simpson Electric Co.
Southwestern Industrial Electronics Co.
Star Engraving Co., Ltd.
Sun Electric Corp.
Terminal Radio Corp.
Wacline, Inc.

# Ratiometers

Allegany Instrument Co., Inc.

Allegany Instruments
Thomas A. Edison Ind., Instrument Div.—McGrawEdison Co.

Electro Instruments, Inc.
Gertsch Products Inc.
Hammett Electric Co.
Hickok Electrical Instrument Co., The
Gerard G. Leeds Co., Inc.
Non-Linear Systems Inc.
Potter Aeronautical Corp.

Southwestern Industrial Electronics Co.
Terminal Radio Corp.

#### Recorders

Recorders

Allegany Instrument Co., Inc.
Antiab Inc.
Barton Instrument Corp.
Brush Instrument, Div.-Clevite Corp.
Centronix Inc.
Consolidated Electrodynamics Corp.
\*DALMO VICTOR CO., DIV.-TEXTRON INC.
Edgerton, Germeshausen & Grier, Inc.
Electric Auto-Lite Co., The
Fischer & Porter Co.
General Electric Co., Apparatus Sales Div.
Hagan Chemicals & Controls, Inc.
Hammert Electric Co.
Heiland Div.--Minneapolis-Honeywell
Instruments Corp., The
Laboratory for Electronics, Inc.
Gerard G. Leeds Co., Inc.
Leeds & Northrup Co.
Minneapolis-Honeywell Regulator Co., Indust. Div.
F. L. Moseley Co.
Offiner Electronics Inc.
Research Appliance Co.
Soroban Engrg., Inc.

Southwestern Industrial Electronics Co. Telectro Industries Corp. Terminal Radio Corp.

# Standards

Barnes Development Co.
Consolidated Electrodynamics Corp.
Davenport Mfg. Co.
John Fluke Mfg. Co., Inc. 1
General Electric Co., Apparatus Sales Div.
Georator Corp.
Gerstch Products Inc.
Gray Instrument Co.
Hammett Electric Co.
Holt Instrument Laboratories, Div.-Holt Hardwood Co., Inc.
Gerard G. Leeds Co., Inc.
Leeds & Northrup Co.
Southwestern Industrial Electronics Co.
Telectro Industrial Electronics Co.
Telectro Industrial Corp.
Terminal Radio Corp.

# Tracers, Signal

Hammett Electric Co. Skiatron Electronics & Television Corp. Terminal Radio Corp.

# Ultrasonic

Iltrasonic

Acoustica Associates, Inc.
Alcar Instruments, Inc.
Arenberg Ultrasonic Laboratory, Inc.
Branson Instruments, Inc.
Curtiss-Wright Corp., Industrial & Scientific Products Div.
J. W. Dice Co.
Georator Corp.
Gulton Industries, Inc.
Hammert Electric Co.
Massa Labs., Inc.
Narda Ultrasonics Corp., The
Photocon Research Products
Skiatron Electronics & Television Corp.
Southwestern Industrial Electronics Co.
Terminal Radio Corp.
Western Electro-Acoustic Lab.

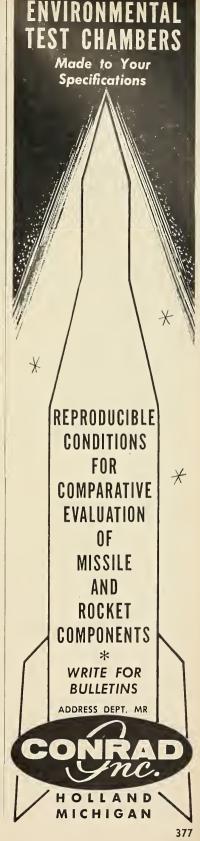
# Voltmeters

Alpha Instrument Co. Alto Scientific Co., Inc. American Metrix Corp. Assembly Products, Inc. Ballantine Labs., Inc. Assembly Products, Inc.
Ballantine Labs., Inc.
Ballantine Labs., Inc.
Bonton Electronics Corp.
Consolidated Electrodynamics Corp.
Davenport Mig. Co.
Dunlap Electronics, Inc.
Electric Design & Mig. Co.
Electric Design & Mig. Co.
Electronic Associates, Inc.
Electronic Associates, Inc.
Electronic Associates, Inc.
Electro-Elect Equipment Co.
Epic, Inc.
Epsco Inc.
John Fluke Mig. Co., Inc.
General Electric Co., Apparatus Sales Div.
Georator Corp.
Gulton Industries, Inc:
Hagan Chemicals & Controls, Inc.
Marion Electrical Instrument Co., The
Ideal Precision Meter Co., Inc.
Gerard G. Leeds Co., Inc.
Marion Electrical Instrument Co.
Meters Inc.
North Atlantic Industries, Inc.
North Atlantic Industries, Inc.
Phaostron Instrument & Electronic Co.
Precision Apparatus Co., Inc.
Sou'niwesiern Industrial Electronics Co.
Sou'nierminal Radio Corp. Systron Corp. Terminal Radio Corp. Wacline, Inc. \*WESTINGHOUSE ELECTRIC CORP.

# Volt-Ohm-Milliammeters

/olt-Ohm-Milliammeters

Alpha Instrument Co. Electronic Measurements Corp. Electron-Lech Equipment Co. Epic, Inc.
Lammett Electric Co. Hickok Electrical Instrument Co., The Instrument Laboratories Keithley Instruments, Inc.
Gerard G. Leeds Co., Inc.
Meters Inc.
National Coil Co.
Non-Linear Systems Inc.
Phaostron Instrument & Electronic Co. Precision Apparatus Co., Inc.
O, V. S. Inc.
Simpson Electric Co.
Southwestern Industrial Electronics Co.
Sun Electric Corp.
Terminal Radio Corp.



#### Wattmeters

Bergen Labs. Cambridge Instrument Company, Inc. Electro-Tech Equipment Co. Electro-Tech Equipment Co.
Epic, Inc.
John Fluke Mfg. Co., Inc.
General Electric Co., Apparatus Sales Div.
Hammett Electric Co.
Hickok Electrical Instrument Co., The
Microwave Electronics Div., Sperry
Co.,
National Coil Co.
Phaostron Instrument & Electronic Co.
Simpson Electric Co.,
Southwestern Industrial Electronics Co.
Soun Electric Corp.
Terminal Radio Corp.
Terminal Radio Corp.

\*WESTINGHOUSE ELECTRIC CORP.

# INSTRUMENTS. GRAPHIC RECORDING

INSTRUMENTS, GRAPHIC
RECORDING

Airborne Instruments Lab., Inc.
Alden Systems Co.
Allegany Instrument Co., Inc.
Baried-Atomic, Inc.
Baried-Atomic, Inc.
Baried-Atomic, Inc.
Barnes Development Co.
Brush Instruments, Div-Clevite Corp.
Centronix Inc.
Centronix Inc.
Century Electronics & Instruments, Inc.
Consolidated Avionics Corp.
Consolidated Electrodynamics Corp.
Curtiss-Wright Corp. Electronics Div.
\*\*DALMO VICTOR CO., DIV-TEXTRON INC.
Devoc Engrg. Inc.
Edgerton, Germeshausen & Grier, Inc.
Electro-Regical Lab., Inc.
Electro-Hedical Lab., Inc.
Electro-Hedical Lab., Inc.
Electro-Leck Equipment Co.
Fenske Fedrick & Miller Co.
Fischer & Porter Co.
General Electric Co., Apparatus Sales Div.
General Railway Signal Co.
Gilmore Industries Inc.
Hagan Chemicals & Controls, Inc.
Hammett Electric Co., Hammett Electric Co.
Heiland Div.—Minneapolis-Honeywell
Hogan Laboratories, Inc.
Impact-O-Graph Corp., The
Leeds & Northrup Co.
Librascope Inc.
Massa Labs., Inc.
Minneapolis-Honeywell Regulator Co., Indust.
Div.
J. A. Maurer, Inc.
F. L. Moseley Co.
George L. Nankervis Co.
Palmer Thermometers, Inc.
Sanborn Co.
Scientific Instrument
Co.
Southwestern Industrial Electronics Co.
Tally Register Corp.
Terminal Radio Corp.
Wesser Instrument Corp.
\*\*WESTINCHOUSE ELECTRIC CORP.

# INSULATING COMPOUNDS

Biwax Corp.
Borden Chemical Co., The, Div.-The Borden Co.,
Resinite Dept.
Diamonite Products Mfg. Co.
Eagle-Picher Co., The
Hi-Test Chemical Corp.
\*IDEAL CHEMICAL PRODUCTS, INC.
Merix Chemical Co.
Sauereisen Cements Co.
Sauereisen Cements Co.
Zilicones Div.-Union Carbide Corp.
Zophar Mills Inc.

#### LENSES, PRISMS, MIRRORS \*BAUSCH & LOMB OPTICAL CO.

# LIGHTS

Alden Products Co.
Alden Systems Co.
Chicago Miniature Lamp Works
Circon Component Corp.
Day-Ray Products, Inc.
Edgerton, Germeshausen & Grier Inc.
Grimes Mfa. Co.
Hammett Electric Co.
Kemlife Laboratories, Inc.
Marco Industries Co.
Master Specialties Co.

# LINES, SLOTTED

BJ Electronics, Borg-Warner Corp. California Technical Industries, Div.-Textron Inc. Demornay-Bohardi Diamond Antenna & Microwave Corp. Georator Corp.

Industrial Engravers Inc. Omega Labs., Inc. Radar Design Corp. Sohl Co., The Telectro Industries Corp. Uniwave, Inc. Wacline, Inc.

# **LOCATORS**

\*AMERICAN MACHINE & FOUNDRY CO. Associated Research, Inc. Dit-Mco, Inc., Electronics Div. Tobe Deutschmann Corp.

#### Cable & Line Fault

Associated Research, Inc.
James G. Biddle Co.
Davenport Mfg. Co.
Dit-Mco, Inc., Electronics Div.
Lavoie Labs., Inc.
Peschel Electronics, Inc.
Tobe Deutschmann Corp.

# Metal Flaw

Turco Products, Inc.

#### Non-Metal Flaw

Turco Products, Inc.

# Open-Short

Dit-Mco, Inc., Electronics Div. Peschel Electronics, Inc.

#### LUGS

AMP Inc.
Amatom Electronic Hardware Co. Inc.
American Brass Co., The
Connector Corp.
Goe Engra. Co.
Hallett Mig. Co.
Hobson Brothers, Inc.
Kulka Electric Corp.
Litton Industries, Components Div.
Malco Tool & Mig. Co.
Marquardt Aircraft Co.
Waldom Electronics Inc.

# MACH LIMIT SWITCHES

Eclipse-Pioneer Div., Bendix Aviation Corp. Greenleaf Mfg. Co., The, Div.-Mandrel Indus-Greenlear Mrg. Co., The, DIV.-Mandrel Indus-tries Inc.
Kolisman Instrument Corp., Sub.—Standard Coil Products Co. Inc.
Sealectric Switch & Relay Corp. Specialties, Inc.
Winder Aircraft Corp. of Fla.

# MACHINES, VIBRATION FATIGUE TESTING

\*AMERICAN MACHINE & FOUNDRY CO. Anchor Specialty Mig. Co. Inc. G. W. Galloway Co. Royal Industries, Inc. Winder Aircraft Corp. of Fla.

# MACHINES, WEIGHING \*AMERICAN MACHINE & FOUNDRY CO. Dynametrics Corp.

### **MACHMETERS**

Dynametrics Corp.
\*GARRETT CORP., THE, AIRESEARCH MFG. DIVS.
Greenleaf Mfg. Co., The, Div.-Mandrel Industries Inc.
Kollsman Instrument Corp., Sub.—Standard Coil Products Co. Inc.
M. Ten Bosch, Inc.

# MAGNETIC ANALYSIS EQUIPMENT

Advance Industries, Inc. J. W. Dice Co. General Electric Co., Apparatus Sales Div. Rese Engrg., Inc.

#### **MAGNETOMETERS**

Hammett Electric Co. Ryan Aeronautical Co.

# **MANOMETERS**

Consolidated Electrodynamics Corp.
Friez Instrument Div.-Bendix Aviation Corp.
E. Vernon Hill & Co.
Ideal-Aerosmith, Inc.
Strata Instrument Co.
Trimount Instrument Co.

# MEGOHMMETERS, VACUUM TUBE

Associated Research, Inc. Curtiss-Wright Corp., Electronics Div. Davenport Mfg. Co.

Electro-Tech Equipment Co.
Georator Corp.
Industrial Instruments Inc.
\*RHEEM MFG. CO., ELECTRONICS DIV.
Slaughter Co., Inc.
Terminal Radio Corp.

# METEORLOGICAL EQUIPMENT. **ELECTRONIC**

Benson-Lehner Corp.

\*COPER DEVELOPMENT CORP.
Friez Instrument Div.-Bendix Aviation Corp.
Haller Raymond & Brown Inc.
Instruments Corp., The
J. A. Maurer, Inc.
Republic Aviation Corp., Guided Missiles Div.
Resdel Engrg. Corp.,
Telectro Industries Corp.

# METEORLOGICAL INSTRUMENTS

\*AMERICAN MACHINE & FOUNDRY CO. \*COOPER DEVELOPMENT CORP.

COOPER DEVELOPMENT CORP.
Epic, Inc.
Friez Instrument Div.-Bendix Aviation Corp.
Instruments Corp., The
J. A. Maurer, Inc.
Telectro Industries Corp.
Virginia Plak Co.

### METERS

METERS

Advanced Products Co., The
Alto Scientific Co., Inc.
Amerac Inc.
Associated Research, Inc.
BJ Electronics, Borg-Warner Corp.
Barnes Development Co.,
Barton Instrument Corp.
Boonton Radio Corp.
Burroughs Corp.
Burroughs Corp.
Burroughs Corp.
Burroughs Corp.
Cambridge Instrument Company, Inc.
Consolidated Electrodynamics Corp.
Daven Co., The
Davenport Mfg. Co.
Dynac, Inc. Daven Co., The
Daven Co., The
Davenport Mig. Co.
Dynac, Inc.
Electric Auto-Lite Co., The
Electro-Tech Equipment Co.
Elgin Micronics, West Coast Div.-Engin National
Watch Co.
\*\*GARETT CORP., THE, AIRESEARCH MFG, DIVS.
Geartronics Corp.
General Communication Co.
Hammett Electric Co.
\*\*A. W. HAYDON CO., THE
Haydon Div.-General Time Corp.
Hickok Electrical Instrument Co., The
\*\*XAHN & CO., INC.
Gerard G. Leeds Co., Inc.
Leeds & Northrup Co.
Maico Electronics, Inc.
Phaostron Instrument & Electronic Co.
Precision Apparatus Co., Inc.
Scientific Instrument Co.
Sun Electric Corp.
Tensor Electric Development Co., Inc.
Terminal Radio Corp.
Wacline, Inc. Acceleration Cambridge Instrument Company, Inc.

Cambridge Instrument Company, Inc.
Columbia Research Labs.
Electro-Tech Equipment Co.
Elgin Micronics, West Coast Div.-Elgin National
Watch Co.
Epic, Inc.
FGARRETI CORP., THE, AIRESEARCH MFG. DIVS.
Hammett Electric Co.
Impact-O-Graph Corp., The
Miljan Div., Paul Omohundro Co.
Minneapolis-Honeywell Regulator Co., Aeronautical Div.
Minneapolis-Honeywell Regulator Co., Boston Minneapolis-Honeywell Regulator Co., Boston Div. Div.
Pioneer-Central Div., Bendix Aviation Corp.
Reeves Instrument Corp.
Servomechanisms, Inc.
Sun Electric Corp.
Tensor Electric Development Co., Inc.
Terminal Radio Corp.
Ultradyne, Inc.

#### Ammeter

Ammeter

American Metrix Corp.
Assembly Products, Inc.
Beede Electrical Instrument Co. Inc.
Davenport Mfg. Co.
Electric Auto-Lite Co., The
Electric Design & Mfg. Co.
Electro-Tech Equipment Co.
Epic, Inc.
General Electric Co., Apparatus Sales Div.
Hammett Electric Co., Apparatus Sales Div.
Helipot Corp.
Hickok Electrical Instrument Co., The
Ideal Precision Meter Co., Inc.
Gerard G. Leeds Co., Inc.
Marion Electrical Instrument Co.
Meters Inc.

Phaostron Instrument & Electronic Co. Precision Apparatus Co., Inc. \*ROCHESTER MFG. CO. INC. \*ROCHESTER MFG. CO. INC.
Q. V. S. Inc.
Simpson Electric Co.
Southwestern Industrial Electronics Co.
Sun Electric Corp.
Tensor Electric Development Co., Inc.
Terminal Radio Corp.
Wacine, Inc.
WESTINGHOUSE ELECTRIC CORP.

# Ammeter R-F

Ammeter K-F

Alto Scientific Co., Inc.
Assembly Products, Inc.
Beede Electrical Instrument Co. Inc.
Electro-Ecto-Equipment Co.
Hammett Electric Co.
Gerard G. Leeds Co., Inc.
Phaostron Instrument & Electronic Co.
Simpson Electric Corp.
Sun Electric Corp.
Terminal Radio Corp.
Wacline, Inc.
WESTING-HOUSE ELECTRIC CORP. \*WESTINGHOUSE ELECTRIC CORP.

# Attenuation

Demornay-Bonardi Hammett Electric Co. Kay Electric Co. Gerard G. Leeds Co., Inc. Microwave Electronics Div., Sperry Gyroscope Co.
Tensor Electric Development Co., Inc.
Terminal Radio Corp.

# Audio

Amelco, Inc.
Hammett Electric Co.
Gerard G, Leeds Co., Inc.
Pheostron Instrument & Electronic Co.
Ryan Aeronautical Co.
Herman Hosmer Scott, Inc.
Southwestern Industrial Electronics Co.
Sun Electric Corp.
Telectro Industries Corp.
Telectro Industries Corp.
Tensor Electric Development Co., Inc.
Terminal Radio Corp.
Varo Mfg. Co.
Western Electro-Acoustic Lab.

# Cable Testing

Asbociated Research, Inc.
Barnes Development Co.
James G. Biddle Co.
Davenport Mfg. Co.
Electric Auto-Lite Co., The
Hamment Electric Co.
Instrument Laboratories
Gerard G. Leeds Co., Inc.
Peschel Electronics, Inc.
Radar Engineers
Slaughter Co., Inc.
Telectro Industries Corp.
Terminal Radio Corp.

# Capacitance

Barnes Development Co. James G. Biddle Co. Boonton Electronics Corp. Epic, Inc.
Hammett Electric Co.
Gerard G. Leeds Co., Inc.
Precision Apparatus Co., Inc.
Terminal Radio Corp.

### Conductance

Boonton Electronics Corp. Hammett Electric Co. Gerard G. Leeds Co., Inc. Terminal Radio Corp.

# Counting Rate

Baird-Atomic, Inc.
Dynac, Inc.
Dynac, Inc.
Erie Resistor Corp.
Hammett Electric Co.
Hupp Instrumation, Div.—Erie-Pacific
I-L-S Instrument Corp.
Gerard G. Leeds Co., Inc.
Northeastern Engrg. Inc.
Potter Aeronautical Corp.
Radiation Counter Labs., Inc.
Systron Corp.
Terminal Radio Corp.
Walkirt Co. Baird-Atomic, Inc.

# Counting Rate, Nuclear

BJ Electronics, Borg-Warner Corp.
Baird-Atomic, Inc.
Hammert Electric Co.
Gerard G, Leeds Co., Inc.
Radiation Counter Labs., Inc.
Radiation Instrument Development Laboratory, Inc.
Tensor Electric Development Co., Inc.
Terminal Radio Corp.

# D Arsonval

D Arsonval

Assembly Products, Inc.
Beede Electrical Instrument Co. Inc.
Cambridge Instrument Company, Inc.
Thomas A. Edison Ind., Instrument Div.—McGrawEdison Co.
Electric Design & Mfg. Co.
Electric Design & Mfg. Co.
Electric Tech Equipment Co.
General Electric Co., Apparatus Sales Div.
Hammett Electric Co.
Hickok Electrical Instrument Co., Inc.
Leeds & Northrup Co.
Meters Inc.
Phaostron Instrument & Electronic Co.
Precision Apparatus Co., Inc.
Q. V. S. Inc.
Simpson Electric Co.
Sun Electric Corp.
Terminal Radio Corp.
Wacline, Inc.

\*WESTINGHOUSE ELECTRIC CORP.

# Decibel

Decibel

Beede Electrical Instrument Co., Inc.,
Boonton Electronics Corp.,
Chesapeake Instrument Corp.,
Dunlap Electronics, Inc.,
Electro-Tech Equipment Co.,
Georator Corp.,
Ideal Precision Meter Co., Inc.,
Gerard G., Leeds Co., Inc.,
Meters Inc.,
Precision Apparatus Co., Inc.,
O. V. S. Inc.,
Electric Corp.,
Simpson Electric Co.,
Sun Electric Co.,
Sun Electric Corp.,
Tenson Electric Development Co., Inc.,
Terminal Radio Corp.,
Wacline, Inc.,
Western Electro-Acoustic Lab.

# Deflection

Cleveland Instrument Co. Hammett Electric Co. Gerard G. Leeds Co., Inc. Terminal Radio Corp.

# Deviation

Barnes Development Co.
Georator Corp.
Gertsch Products Inc.
Geurator Missile Div.-De Havilland Aircraft of Canada, Ltd.
Hamment Electric Co.
Lampkin Labs., Inc.
Gerard G. Leeds Co., Inc.
Marconi Instruments
Reeves Instrument Corp.
Terminal Radio Corp.
Varo Mfg. Co.

# Distortion and Noise

Jistoffion and Noise
Boonton Electronics Corp.
Empire Products Sales Corp.
Georator Corp.
Hammett Electric Co.
Gerard G. Leeds Co., Inc.
Ryan Aeronautical Co.
Herman Hosmer Scott, Inc.
Telectro Industries Corp.
Tensor Electric Development Co., Inc.
Terminal Radio Corp.
Western Electro-Acoustic Lab.

# Dosimeter

\*\*ANTON ELECTRONIC LABS., INC.
Baird-Atomic, Inc.
Cambridge Instrument Company, Inc.
Hammett Electric Co.
Landsverk Electrometer Co.
Gerard G. Leeds Co., Inc.
Radiation Counter Labs., Inc.
Telectro Industries Corp.
Terminal Radio Corp.

# Dosimeter, Nuclear

DOSIMETER, NUCLEAR
\*AMERICAN MACHINE & FOUNDRY CO.
\*ANTON ELECTRONIC LABS., INC.
BJ Electronics, Borg-Warner Corp.
Baird-Atomic, Inc.
Cambridge Instrument Company, Inc.
Hammett Electric Co.
Landsverk Electrometer Co.
Gerard G, Leeds Co., Inc.
Radiation Counter Labs., Inc.
Telectro Industries Corp.
Terminal Radio Corp.

# Elapsed Time

Advanced Products Co., The \*ANTON ELECTRONIC LABS., INC. Baird-Atomic, Inc. Bergen Labs. Computer-Measurements Corp.

Dynac, Inc. Electro-Tech Equipment Co. Elgin Micronics, West Coast Div.-Elgin National Watch Co. Watch Co.

\*GARRETT CORP., THE, AIRESEARCH MFG. DIVS. Hammett Electric Co.

\*A. W. HAYDON CO., THE Haydon Div.-General Time Corp.
Hupp Instrumation, Div.-Erie-Pacific I-L-S Instrument Corp.
Gerard G. Leeds Co., Inc.
Marion Electrical Instrument Co.
Simpson Electric Co.
Simpson Electric Corp.
Systron Corp.
Terminal Radio Corp.
Wacline, Inc.
Walkirt Co.

\*WESTINGHOUSE ELECTRIC CORP.

# Electrometer

Cambridge Instrument Company, Inc.
Curtiss-Wright Corp., Electronics Div.
Hammett Electric Co.
Keithley Instruments, Inc.
Landsverk Electrometer Co.
Gerard G. Leeds Co., Inc.
Minneapolis-Honeywell Regulator Co., Indust.
Div. Div. Nuclear-Chicago Corp. Terminal Radio Corp. Wacline, Inc.

# Electronic Micrometer

Claveland Instrument Co.
Daytronic Corp.
Decker Corp., The
J. W. Dice Co.
Hammert Electric Co.
Gerard G. Leeds Co, Inc.
Southwestern Industrial Electronics Co.
Terminal Radio Corp.

# Events-Per-Unit-Time

vents-Per-Unit-Time

Advanced Products Co., The
Baird-Atomic, Inc.
Burroughs Corp.
Burroughs Corp.
Burroughs Corp.
Burroughs Corp.
Burloughs Corp.
Burloughs Corp.
Burloughs Corp.
Burloughs Corp.
Bectronic Associates, Inc.
Electronic Associates, Inc.
Electronic Associates, Inc.
Eric Resistor Corp.
Hammett Electric Co.
Hupp Instrumation, Div.—Erie-Pacific
I-L-S Instrument Corp.
Gerard G. Leeds Co., Inc.
Potter Aeronautical Corp.
Radiation Counter Labs., Inc.
Southwestern Industrial Electronics Co.
Systom Corp.
Terminal Radio Corp.
Walkirt Co.

# Exposure for Film

General Electric Co., Apparatus Sales Div. Hammett Electric Co. Gerard G. Leeds Co., Inc. Lektra Laboratories, Inc. Terminal Radio Corp.

# Field Strength

Barton Instrument Corp.
Blonder-Tongue Labs., Inc.
Empire Products Sales Corp.
Hammett Electric Co.
Nems Clarke Co., Div.-Vitro Corp. of America
\*KAHN & CO., INC.
Gerard G. Leeds Co., Inc.
Simpson Electric Co.
Telectro Industries Corp.
\*TELERAD MFG. CORP.
Terminal Radio Corp.

# Flow

Baird-Atomic, Inc.
Barton Instrument Corp.
Brooks Rotameter Co.
Computer-Measurements Corp.
Dynac, Inc.
Fischer & Porter Co.
Flow Corp.
\*\*GARRETT CORP., THE, AIRESEARCH MFG. DIVS.
Hagan Chemicals & Controls, Inc.
Hammett Electric Co.
Gerard G. Leeds Co., Inc.
Minneapolis-Honeywell
Div.
Regulator Co., Indust.
Div.

Minneapolis-Honeywell Regulator Co., Ind Div.
George L. Nankervis Co.
Nuclear Corp. of America, Inc.
Prioneer-Central Div., Bendix Aviation Corp.
Potter Aeronautical Corp.
Southwestern Industrial Electronics Co.
Telectro Industries Corp.
Terminal Radio Corp.
Trimount Instrument Co.
Waugh Engrg. Co.

### Flutter

Amplifier Corp. of America
D & R, Ltd.
Hammett Electric Co.
Minneapolis-Honeywell Regulator Qvi., Indust.
Div.
Telectro Industries Corp.
Terminal Radio Corp.

#### Flux

Beede Electrical Instrument Co. In.
Cambridge Instrument Company, Inc.
Electro-Tech Equipment Co.
General Electric Co., Apparatus Sales D'v.
Hammett Electric Co., Gerard G. Leeds Co., Inc.
Terminal Radio Corp.

Browning Laboratories, Inc.
\*DATA-CONTROL SYSTEMS INC.
Fenske Fedrick & Miller Co.
Georator Corp.
Gerisch Products Inc.
Hammett Electric Co.
Lampkin Labs., Inc.
Gerard G. Leeds Co., Inc.
Marconi Instruments
Minneapolis-Honeywell
Laboratories Div.
Sun Electric Corp.
Terminal Radio Corp.
Wacline, Inc.

# Frequency

Aircom Inc.
Amerac Inc.
\*AMERICAN MACHINE & FOUNDRY CO.
Beede Electrical Instrument Co. Inc.
Computer-Measurements Corp.
Defiance Engrg. & Microwave Corp.
Demornay-Bonardi
Diamond Antenna & Microwave Corp.
Douglas Microwave Co., Inc.
Dunlap Electronics, Inc.
Dynac, Inc.
Electro Impulse Lab., Inc.
Epic, Inc. Electro Impulse Lab., Inc.
Epic, Inc.
Epic, Inc.
Epic, Inc.
Epic, Inc.
Epic, Inc.
Epic, Inc.
General Communication Co.
General Certic Co., Apparatus Sales Div.
Georator Corp.
Gersch Products Inc.
Hammett Electric Co.
Helipot Corp.
Hickok Electrical Instrument Co., The
Hupp Instrumation, Div.—Erie-Pacific
Kay Electric Co.
Lampkin Labs. Inc.
Gerard G. Leeds Co., Inc.
Microwave Electronics Div., Sperry Gyroscope
Co. Co. Minneapwell Regulator Co.—Davies Laboratories Div.
Narda Microwave Corp., The Potter Aeronautical Corp.
Production Research Corp.
Systron Corp.

Systron Corp.
\*\*TELERAD MFG. CORP.
Teletronics Laboratory Inc.
Terminal Radio Corp.
Varo Mfg. Co.
Waugh Engrg. Co.
\*\*WESTINGHOUSE ELECTRIC CORP.

#### Galvanometer

Assembly Products, Inc.
Beede Electrical Instruments Co. Inc.
Cambridge Instrument Company, Inc.
Consolidated Electrodynamics Corp.
Electro-Tech Equipment Co. Electro-lech Equipment Co.
General Electric Co., Apparatus Sales Div.
Hammett Electric Co.
Kin Tel Div.-Cohu Electronics, Inc.
Leeds & Northrup Co.
Meters Inc.
Minneapolis-Honeywell Regulator Co., Indust.
Div. Minneapolis-Honeywen
Div.
Precision Apparatus Co., Inc.
Q. V. S. Inc.
Simpson Electric Co.
Southwestern Industrial Electronics Co.
Southwestern Electric Corp.
Terminal Radio Corp.
Wacline, Inc.

# Goniometer

Eclipse-Pioneer Div., Bendix Aviation Corp. Electro-Mec Lab. Inc. Hammett Electric Co. Telectro Industries Corp. Terminal Radio Corp.

# Grid Dip

Alto Scientific Co., Inc. Boonton Electronics Corp. Hammett Electric Co. Telectro Industries Corp. Terminal Radio Corp.

# Impedance

Mpedance
Acton Laboratories Inc.
Alpha Instrument Co.
BJ Electronics, Borg-Warner Corp.
Barnes Development Co.
Hammett Electric Co.
Gerard G. Leeds Co., Inc.
Microwave Electronics Div., Sperry Gyroscope
Co.
Narda Microwave Corp., The
Tensor Electric Development Co., Inc.
Terminal Radio Corp.

# Infrared

Baird-Atomic, Inc. Hammett Electric Co. Infrared Industries Inc. Patterson, Moos Div.-Universal Winding Co., Inc. Production Research Corp. Terminal Radio Corp.

# Intermodulation

Audio Instrument Co. Inc.
Empire Products Sales Corp.
John Fluke Mig. Co., Inc.
Hammett Electric Co.
Southwestern Industrial Electronics Co.
Telectro Industries Corp.
Terminal Radio Corp.
Varo Mig. Co.

# Kilovolt

Associated Research, Inc.
Beede Electrical Instrument Co. Inc.
Davenport Mig. Co.
Electric Design & Mig. Co.
Electric Design & Mig. Co.
Electro-Tech Equipment Co.
Ferranti Electric Inc.
John Fluke Mig. Co., Inc.
General Electric Co., Apparatus Sales Div.
Gertsch Products Inc.
Hammett Electric Co.
Hickok Electrical Instrument Co., The
Jennings Radio Mig. Corp.
Keithley Instruments, Inc.
Marion Electrical Instrument Co.
Meters Inc. Marion Electrical Instrument Co.
Meters Inc.
Opad Electric Co.
Phaostron Instrument & Electronic Co.
Q, V. S. Inc.
Ryan Aeronautical Co.
Sun Electric Corp.
Tensor Electric Corp.
Terminal Radio Corp.
Wacline Inc. Wacline, Inc. \*WESTINGHOUSE ELECTRIC CORP.

### Kilowatt

Electro-Tech Equipment Co. General Electric Co., Apparatus Sales Div. Hammett Electric Co. Hickok Electrical Instrument Co., The Terminal Radio Corp. \*WESTINGHOUSE ELECTRIC CORP.

Light

Electro-Tech Equipment Co. Georator Corp. Hammett Electric Co. Tensor Electric Development Co., Inc. Terminal Radio Corp.

#### Megohm

Megohm

Associated Research, Inc.
James G, Biddle Co.
Davenport Mfg, Co.
Electro-Iech Equipment Co.
Epic, Inc.
Georator Corp.
Hammett Electric Co.
Keithley Instruments, Inc.
Gerard G. Leeds Co., Inc.
Leeds & Northrup Co.
Q, V, S. Inc.
Slaughter Co., Inc.
Southwestern Industrial Electronics Co.
Telectro Industries Corp.
Terminal Radio Corp.

# Microfarad

Consolidated Airborne Systems, Inc. Consolidated Airborne Syste Epic, Inc. Hammett Electric Co. Gerard G. Leeds Co., Inc. Terminal Radio Corp.

#### Microvolt

Boonton Electronics Corp. Empire Products Sales Corp.

Epic, Inc.
Flow Corp.
Hammett Electric Co.
Hickok Electrical Instrument Co., The
Keithley Instruments, Inc.
Kin Tel Div.-Cohu Electronics, Inc.
Gerard G. Leeds Co., Inc.
Leeds & Northrup Co.
Minneapolis-Honeywell Regulator Co., Indust. Div.
Southwestern Industrial Electronics Co.
Wacline, Inc.

#### Microwave

Milliampere

Milliampere

American Metrix Corp.
Assembly Products, Inc.
Cambridge Instrument Co., Inc.
Cambridge Instrument Company, Inc.
Davenport Mfg. Co.
Electric Design & Mfg. Co.
Electro-tech Equipment Co.
Epic, Inc.
General Electric Co., Apparatus Sales Div.
Hammett Electric Co., Apparatus Sales Div.
Hammett Electric Instrument Co., The
Ideal Precision Meter Co., Inc.
Keithley Instruments, Inc.
Kin Tel Div. Cohu Electronics, Inc.
Gerard G. Leeds Co., Inc.
Marion Electrical Instrument Co.
Meters Inc.
Minneapolis-Honeywell Regulator Co., Indust. Div.
National Coil Co.
Phaostron Instrument & Electronic Co.
Precision Apparatus Co., Inc.
C. V. S. Inc.
Simpson Electric Co.
Sun Electric Corp.
Terminal Radio Corp.
Wacline, Inc.
WessTINGHOUSE ELECTRIC CORP. \*WESTINGHOUSE ELECTRIC CORP.

American Metrix Corp.
Assembly Products, Inc.
Beede Electrical Instrument Co. Inc.
Beonton Electronics Corp.
Burr-Brown Research Corp.
Curtiss-Wright Corp., Electronics Div.
Dunlap Electronics, Inc.
Electric Design & Mfg. Co.
Electro-Tech Equipment Co.
Epic. Inc.

Electric Design & Mfg. Co.
Electro-Tech Equipment Co.
Electro-Tech Equipment Co.
Epic, Inc.
Fishe Research Lab., Inc.
General Electric Co., Inc.
Hagan Chemicals & Controls, Inc.
Hammeth Electric Co.
Hickok Electrical Instrument Co., The Ideal Precision Meter Co., Inc.
KKIN Tel Div.-Cohu Electronics, Inc.
Gerard G. Leeds Co., Inc.
Leeds & Northrup Co.
Marion Electrical Instrument Co.
Meters Inc.
Minneapolis-Honeywell Regulator Co., Indust. Div.
F. L. Moseley Co.
Non-Linear Systems Inc.
Owen Labs., Inc.
Phaostron Instrument & Electronic Co.
Precision Apparatus Co., Inc.
Q. V. S. Inc.
Simpson Electric Copp.
Systron Corp.
Tensor Electric Corp.
Systron Corp.
Tensor Electric Development Co., Inc.
Terminal Radio Corp.
Thermo Electric Co, Inc.
Wastine, Inc.
WestineHouse Electric Corp.

# Modulation

Beede Electrical Instrument Co. Inc. Empire Products Sales Corp. Georator Corp. Hammett Electric Co. Lampkin Labs., Inc.

Southwestern Industrial Electronics Co. Terminal Radio Corp. Varo Mfg. Co.

# Moisture, Electronic

Consolidated Electrodynamics Corp. Hammett Electric Co. Marconi Instruments Moisture Register Co. Terminal Radio Corp.

#### Multimeter

Alpha Instrument Co. American Metrix Corp. \*ANTON ELECTRONIC LABS., INC. Bergen Labs.
Daven Co., The
Electro-Tech Equipment Co. Electro-Tech Equipment Co.
Hammett Electric Co.
Hickok Electrical Instrument Co., The
Keithley Instruments, Inc.
Gerard G. Leeds Co., Inc.
Non-Linear Systems Inc.
Phaostron Instrument & Electronic Co.
Precision Apparatus Co., Inc.
Simpson Electric Co.
Southwestern Industrial Electronics Co.
Telectro Industries Corp.
Terminal Radio Corp.
Wacline, Inc.

# Multiplier

Daven Co., The Hammett Electric Co. Hickok Electrical Instrument Co., The Phaostron Instrument & Electronic Co. Simpson Electric Co. Southwestern Industrial Electronics Co. Telectro Industries Corp. Terminal Radio Corp.

# Ohm

Alpha Instrument Co.
American Metrix Corp.
Associated Research, Inc.
Barnes Development Co.
James G. Biddle Co.
Davenport Mfg. Co.
J. W. Dice Co.
Electric Auto-Life Co., The
Electronic Associates, Inc.
Electro-Tech Equipment Co. Electro-Tech Equipment Co.
Epic, Inc.
General Electric Co., Apparatus Sales Div.
Hammett Electric Co.
Hickok Electrical Instrument Co., The
Gerard G. Leeds Co., Inc.
Mon-Linear Systems Inc.
Non-Linear Systems Inc.
Phaostron Instrument & Electronic Co.
Precision Apparatus Co., Inc.
Simpson Electric Co.
Slaughter Co.
Southwestern Industrial Electronics Co.
Telectric Industries Corp.
Tensor Electric Development Co., Inc.
Terminal Radio Corp.
\*WESTINGHOUSE ELECTRIC CORP.

# Output, R-F

Boonton Electronics Corp.
Flow Corp.
Hammett Electric Co.
Hickok Electrical Instrument Co., The
Kay Electric Co.
Gerard G. Leeds Co., Inc.
Marconi Instruments
Microwave Electronics Div., Sperry Gyroscope Co. Q. V. S. Inc. Telectro Industries Corp. Tensor Electric Development Co., Inc. Terminal Radio Corp. Wacline, Inc.

# Panel

Panel

Assembly Products, Inc.
Atlantic Engravers, Inc.
Beede Electrical Instrument Co. Inc.
Canadian Radium & Uranium Corp.
Electric Design & Mfg. Co.
Electro-Tech Equipment Co.
Hammett Electric Co.
Hickok Electrical Instrument Co., The
Ideal Precision Meter Co., Inc.
Gererd G. Leeds Co., Inc.
Marion Electrical Instrument Co.
Meters Inc.
Phaostron Instrument & Electronic Co.
Precise Development Corp.
Precision Apparatus Co., Inc.
Q. V. S. Inc.
Simpson Electric Co.
Sun Electric Corp.
Terminal Radio Corp.
Wacline, Inc.

\*WESTINGHOUSE ELECTRIC CORP.

# Ph Meters, Recorders & Comparators

Cambridge Instrument Company, Inc. Hagan Chemicals & Controls, Inc. Hammett Electric Co. Leeds & Northrup Co. Minneapolis-Honeywell Regulator Co., Indust. Div.
Photovolt Corp.
Terminal Radio Corp.

#### Phase

Acton Laboratories Inc.
Bergen Labs.
Computer-Measurements Corp. Computer-Measurements Corp.
General Electric Co., Apparatus Sales Div.
Hammett Electric Co.
Hickok Electrical Instrument Co., The
North Atlantic Industries, Inc.
Ryan Aeronautical Co.
Terminal Radio Corp.
Theta Instrument Corp.
Tick Lyboratories, Upr. Trio Laboratories, Inc.
Varo Mfg. Co.
\*WESTINGHOUSE ELECTRIC CORP. Weston Hydraulics, Ltd. Wintronics

### Photoelectric Reflection

Eldorado Electronics Hammett Electric Co. Optomechanisms Inc. Photovolt Corp. Terminal Radio Corp.

# Power Output

General Electric Co., Apparatus Sales Div. General Electric Co., Apparatus Sales
Georator Corp.
Hammett Electric Co.
Instrument Laboratories
Gerard G. Leeds Co., Inc.
Southwestern Industrial Electronics Co.
Telectro Industrias Corp.
Terminal Radio Corp.

#### Pressure

Consolidated Controls Corp.
Consolidated Electrodynamics Corp.
Decker Corp., The
Dynamerics Corp.
Dynamic Instrument Co., Inc.
Fischer & Porter Co.
\*GARREIT CORP., THE, AIRESEARCH MFG. DIVS.
Hagan Chemicals & Controls, Inc.
Hammett Electric Co.
Minneapolis-Honeywell Regulator Co., Indust.
Div. Div.
Northam Electronics, Inc.
Scientific Instrument Co.
Terminal Radio Corp.
Trimount Instrument Co.
Weksler Instrument Corp. Div.

# Pyrometer

Rarnes Engineering Co.
Cambridge Instrument Company, Inc.
Electro-Tech Equipment Co.
General Electric Co., Apparatus Sales Div.
Hammett Electric Co.
Hickok Electrical Instrument Co., The
Illinois Testing Laboratories, Inc.
Leeds & Northrup Co.
Lewis Engrg. Co., The
Meters Inc. Meters Inc. Meters Inc.
Minneapolis-Honeywell Regulator Co., Indust.
Div.
Phaostron Instrument & Electronic Co.
Pyrometer Instrument Co., Inc.
Terminal Radio Corp.,
Thermo Electric Co., Inc.

Alpha Instrument Co.
Boonton Radio Corp.
Hammett Electric Co.
Hicko Electrical Instrument Co., The
Kay Electric Co.
Marconi Instruments
Terminal Radio Corp.

# Radiation, Nuclear

\*ANTON ELECTRONIC LABS., INC. ANTON ELECTRONIC LABS., INC.
Baird-Atomic, Inc.
Curtiss-Wright Corp., Electronics Div.
Hammett Electric Co.
Jordan Electronics, Div.-Victoreen Instrument Co.
Landsverk Electrometer Co.
Gerard G. Leeds Co., Inc.
Nuclear Corp. of America, Inc.
Nuclear Corp. of America, Inc.
Nuclear Measurements Corp.
Patterson, Moos Div.-Universal Winding Co., Inc.
Radiation Counter Labs., Inc.
St. John X-Ray Laboratory
Telectro Industries Corp.
Terminal Radio Corp.



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WEST COAST: 10216 Second Ave. Inglewood, Calif. PLymouth 6-1998 SOUTH WEST: P.O. Box 6784 Fort Worth. Tex WAlnut 4-6674

MID EAST: NEW ENGLAND Cromwell Br. Rd, Baltimore, Md. W. Acton, Mass VAlley 3-4629 .COlonial 3-7146 SOUTH EAST: P.O. Box 1418 Melbourne, Fla. MElbourne 2536

#### Rate

\*ANTON ELECTRONIC LABS., INC. \*ANTON ELECTRONIC LABS., INC.
Baird-Atomic, Inc.
Dynac, Inc.
Fischer & Porter Co.
\*GARRETT CORP., THE, AIRESEARCH MFG. DIVS.
Hammett Electric Co.
Hickok Electrical Instrument Co., The
Gerard G. Leeds Co., Inc.
Miljan Div., Paul Omohundro Co.
Nuclear-Chicago Corp.
Reeves Instrument Corp.
Terminal Radio Corp.

# Ratio

Baird-Atomic, Inc. Baird-Atomic, Inc.
Dynac, Inc.
Dynac, Inc.
Fischer & Porter Co.
Gertsch Products Inc.
Guardian Electric Mfg. Co.
Hammett Electric Co.
Hickob Electrica Instrument Co., The
Gerard G. Leeds Co., Inc.
Non-Linear Systems Inc.
Potter Aeronautical Corp.
Terminal Radio Corp.
Transformers, Inc.

# Recording

Acton Laboratories Inc.
Antlab Inc.
Antlab Inc.
Baird-Atomic, Inc.
Consolidated Electrodynamics Corp.
Electro-Tech Equipment Co.
Hammett Electric Co.
General Electric Co., Apparatus Sales Div.
Gerard G. Leeds Co., Inc.
Leeds & Northrup Co.,
Minneapolis-Honeywell Regulator Co., Boston Div. Minneapolis-Honeywell Regulator Co., Indust. Minneapolis-Honeywell Regulator Co., Div. Potter Aeronautical Corp. Research Appliance Co. Skiatron Electronics & Television Corp. Telectro Industries Corp. Terminal Radio Corp. \*\*WESTINGHOUSE ELECTRIC CORP.

# R-F Power

Aircom Inc.
BJ Electronics, Borg-Warner Corp.
Flow Corp.
Hammett Electric Co.
Hickok Electrical Instrument Co., The
Gerard G. Leeds Co., Inc.
Marconi Instruments
Microwave Electronics Div., Sperry Gyroscope Northeast Electronics Corp. Terminal Radio Corp. Wacline, Inc.

Snap Around

Electro-Tech Equipment Co. Hammett Electric Co. Terminal Radio Corp.

# Sound Level

Air Logistics Corp.
Beede Electrical Instrument Co. Inc.
Chesapeake Instrument Corp.
Davenport Mfg. Co.
Electro-Tech Equipment Co.
Erwood Inc.
Georafor Corp.
Hammett Electric Co.
Hickok Electrical Instrument Co., The
Kay Electric Co.
Herman Hosmer Scott, Inc.
Simpson Electric Co.
Teletron Industries Corp.
Terminal Radio Corp.
Wacline, Inc.
Western Electro-Acoustic Lab.

# Spectral

Baird-Atomic, Inc. Hammett Electric Co. Radiation Counter Labs., Inc. Terminal Radio Corp.

# Standing Wave Radio

Aircom Inc.
Alpha Instrument Co.
Alpha Instrument Co.
Alto Scientific Co., Inc.
BJ Electronics, Borg-Warner Corp.
BJ Electronics, Borg-Warner Corp.
Browning Laboratories, Inc.
California Technical Industries, Div.-Textron Inc.

Demornay-Bonardi Electro Impulse Lab., Inc. Hammett Electric Co. Microwave Electronics Div., Sperry Gyroscope

Microwave Lieutronics Corp.
Co.
Northeast Electronics Corp.
Telectro Industries Corp.
Terminal Radio Corp.
Uniwave, Inc.
Wacline, Inc.
Waveline, Inc.

#### Tachometer

Acromagilac.
Associated Research, Inc.
James G. Biddle Co.
Cardinal Instrumentation Corp.
Cardinal Instrumentation Corp.
Consolidated Airborne Systems, Inc.
Dynac, Inc.
Electric Auto-Lite Co., The
Electric Auto-Lite Co., The
Electroric Equipment Co.
Epic, Inc.
Geartronics Corp.
Hammett Electric Co.
I-L-S Instrument Corp.
Instruments Corp., The
Maico Electronics, Inc.
Minneapolis-Honeywell
Div.
Regulator Co., Indust.
Div. Div.
Potter Aeronautical Corp. Forter Aeronautical Corp.
Sun Electric Corp.
Terminal Radio Corp.
Wacline, Inc.
Waugh Engrg. Co.
\*WESTINGHOUSE ELECTRIC CORP.

# Tension

Dynamic Instrument Co., Inc. Hammett Electric Co. Terminal Radio Corp.

# Thermocouple

Acromag Inc.
Assembly Products, Inc.
Electro-Tech Equipment Co.
Epic, Inc.
Fenwal Inc.
Fenwal Inc.
How Corp.
Hammett Electric Co.
Hickok Electrical Instrument Co., The
Illinois Testing Laboratories, Inc.
Gerard G. Leeds Co., Inc.
Leeds & Northrup Co.
Lewis Engra. Co., The
Minneapolis-Honeywell Regulator Co., Boston
Div. Div. Minneapolis-Honeywell Regulator Co., Indust. Minneapolis-Honeywell Regulate Div. Pyrometer Instrument Co., Inc. Royco Instruments Simpson Electric Co. Sun Electric Corp. Terminal Radio Corp. Terminal Radio Corp. Wacline, Inc.

### Thermometer

Electric Auto-Lite Co., The Electro-Tech Equipment Co. Hammett Electric Co. E. Vernon Hill & Co. Illinois Testing Laboratories, Inc. Lewis Engrg. Co., The Minneapolis-Honeywell Regulator Co., Indust. Minneapolis-Honeywell Regulator, Div.
Palmer Thermometers, Inc.
Philadelphia Scientific Glass Co.
Powers Regulator Co., The
\*ROCHESTER MFG. CO. INC.
Roflan Co., The
Scientific Instrument Co.
Simpson Electric Co.
Terminal Radio Corp.
Weksler Instrument Corp.

#### Thrust

B & F Instruments, Inc.
Columbia Research Labs.
Consolidated Controls Corp.
Daytonic Corp.
Dynametrics Corp.
Gilmore Industries Inc.
Hammett Electric Co.
Minneapolis-Honeywell Regulator Co., Indust.
Div.
Photocon Research Products Div.
Photocon Research Products
Terminal Radio Corp.
U. S. Gauge Div.-American Machine & Metals,
Inc.

## Time

Advanced Products Co., The
Bergen Labs
M. Ducommun Co.
Electro-Tech Equipment Co.
Erie Resistor Corp.
General Electric Co., Apparatus Sales Div.
Hammett Electric Co.
\*A. W. HAYDON CO., THE
Haydon Div. General Time Corp.

Lytle Engrg. & Mfg. Co. Terminal Radio Corp. Wacline, Inc. G. C. Wilson & Co.

# Torque

Arch Gear Works Inc.

8 & F Instruments, Inc.
Bergen, Labs.
Consolidade Controls Corp.
Dynametrics Corp.
General Electric Co., Apparatus Sales Div.
Hammett Electric Co.
Terminal Radio Corp.
U. S. Gauge Div.-American Machine & Metals,
Inc.

# Ultra-Violet

Baird-Atomic, Inc. Hammett Electric Co. Terminal Radio Corp. Ultra-Violet Products, Inc.

# Vacuum Tube Volt

Vacuum Tube Volt

Acton Laboratories Inc.
Alpha Instrument Co.
Alto Scientific Co., Inc.
American Metrix Corp.
Boonton Electronics Corp.
Consolidated Electrodynamics Corp.
Davenport Mfg. Co.
Flow Corp.
Georator Corp.
Hammett Electric Co.
Hicko Electrical Instrument Co., The
Instrument Electronics Corp.
North Atlantic Industries, Inc.
Keithley Instruments, Inc.
Gerard G. Leeds Co., Inc.
Leitch Engrg. Corp.
Minneapolis-Honeywell Regulator Co., Boston
Div.
Precision Apparatus Co., Inc.
Southwestern Industrial Electronics Co.
Teletronics Laboratory Inc.
Terminal Radio Corp.
Trio Laboratories, Inc.

# Vibrating Reed

James G. Biddle Co. Electro-Tech Equipment Co. Hammett Electric Co. Nuclear-Chicago Corp. Terminal Radio Corp.

# Vibration

Calidyne Co., Inc., The Cambridge Instrument Company, Inc. Columbia Research Labs. Consolidated Electrodynamics Corp. Consolidated Electrodynamics Corp. Epic, Inc., Erwood Inc. Georator Corp., Hammett Electric Co.
\*KAHN & CO., INC.
Kay Electric Co.
MB Mig. Co., Royal Industries, Inc., Herman Hosmer Scott, Inc., Southwestern Industrial Electronics Co. Terminal Radio Corp.

# Viscosity, Electronic

Ferranti Electric Inc. Hickok Electrical Instrument Co., The Scientific Instrument Co. Terminal Radio Corp.

# Volt-Ohm, Electronic

Volt-Unm, Electronic

Airborne Instruments Lab., Inc.
Alpha Instrument Co.
Bendix Aviation Corp., York Div.
Bergen Labs.
Canoga Corp. of California
Chemalloy Electronics Corp.
Electronic Associates, Inc.
Electronic Instrumentation Co., Div.—RamoWooldridge Corp.
Electro-Tech Equipment Co.
Emerson Electric Mfg. Co., The, Electronics &
Avionics Div.
Empire Products Sales Corp.
Hammett Electric Co.
Hickok Electrical Instrument Co., The
Laboratory for Electronics, Inc.
Gerard G. Leeds Co., Inc.
Microwave Electronics Div., Sperry Gyroscope
Co.

Microwave Electronics Div., Sperry Gyroscope
Co.

Microwave Electronics Div., Sperry Gyroscope
Co.

Microwave Corp. The Microwave Electronics Div., Sperry G Co. Narda Microwave Corp., The Non-Linear Systems Inc. Polarad Electronics Corp. Precision Apparatus Co., Inc. Radar Design Corp. Reeves Instrument Corp. Resdel Engrg. Corp. Ryan Aeronautical Co. Simpson Electric Co. Southwestern Industrial Electronics Co.

Technical Oil Tool Corp. Telectro Industries Corp. Terminal Radio Corp. Trio Laboratories, Inc. Uniwave, Inc. Vectron, Inc. Waveline, Inc.

# Watt

Cubic Corp.
Davidson Mfg. Co.
Electro Impulse Lab., Inc.
Electro-Tech Equipment Co.
John Fluke Mfg. Co., Inc.
General Electric Co., Apparatus Sales Div.
Hammett Electric Co.
Co. Hayward Scientific Glass Corp.
Hickok Electrical Instrument Co., The
Microwave Electronics Div., Sperry Gyroscope
Co. Microwave Literature
Co.
Perkin-Elmer Corp.
Reeves Instrument Corp.
Telectro Industries Corp.
Terminal Radio Corp.
\*WESTINGHOUSE ELECTRIC CORP.
Zenith Optical Laboratory

#### Watt-Hour

Bergen Labs.
General Electric Co., Apparatus Sales Div.
Hammert Electric Co.
Hickok Electrical Instrument Co., The
Sangamo Electric Co.
Southwest Products, Inc.
Terminal Radio Corp.
\*WESTINGHOUSE ELECTRIC CORP.

# Wave

Amerac Inc.
General Communication Co.
Hammett Electric Co.
Microwave Electronics Div., Sperry Gyroscope Co.
Radar Design Corp.
Ryan Aeronautical Co.
Telectro Industries Corp.
Terminal Radio Corp.
Wacline, Inc.

# Wow and Flutter

Amplifier Corp. of America
D. & R. Ltd.
\*\*PATA-CONTROL SYSTEMS INC.
Electric Eye Equipment Co.
Hammest Electric Co.
Minneapolis-Honeywell Regulator Co., Indust. Div.
Telectro Industries Corp.
Terminal Radio Corp.

#### X-Ray Intensity

A-RAY INTENSITY

\*\*ANTON ELECTRONIC LABS., INC.
Electric Aufo-Life Co., The
Hammeff Electric Co.
Instruments Div.-Philips Electronics, Inc.
Nuclear Grp. of America, Inc.
St. John X-Ray Laboratory
Tensor Electric Development Co., Inc.
Terminal Radio Corp.

# MICA, GLASS BONDED

Allied Plastics Supply Corp.
William Brand & Co., Inc.
Demornay-Bonardi
Magentic Shield Div.-Perfection Mica Co.,
Mycalex Corp. of America
Terminal Radio Corp.

# MICROMETERS, ELECTRONIC

Alpha Instrument Co.
Cleveland Instrument Co.
Decker Corp., The
J. W. Dice Co.
Gerard G. Leeds Co., Inc.
Minneapolis-Honeywell Regulator Co., Indust. Div.
Phaostron Instrument & Electronic Co.
Size Control Co.
Southwestern Industrial
Terminal Radio Corp.

#### MICRO-OHMMETERS

Associated Research, Inc.
J. W. Dice Co.
Phaostron Instrument & Electronic Co.
Simpson Electric Co.
Southwestern Industrial Electronics Co.
Terminal Radio Corp.

# MICA PLATE AND SHEET

William Brand, & Co., Inc. Continental Diamond Fibre Corp., Sub.—The Budd Co. Magnetic Shield Div.—Perfection Mica Co. Terminal Radio Corp.

# **MICROMANOMETERS**

Flow Corp. Green Rectifier Co. Hammett Electric Co.

E. Vernon Hill & Co. Simpson Electric Co. Terminal Radio Corp. Trimount Instrument C

# MICROSCOPES, ELECTRON

Instruments Div.-Philips Electronics, Inc. Terminal Radio Corp.

# MICROSCOPES, OPTICAL \*BAUSCH & LOMB OPTICAL CO.

# MICROWAVE ACCESSORIES

Ainslie Corp.
Airborne Instruments Lab., Inc.
Airtron, Inc.
Baird-Atomic, Inc.
Baird-Atomic, Inc.
Bendix Aviation Corp., York Div.
Bogart Mfg. Corp.
Canoga Corp. of California
Continental Diamond Fibre Corp. Sub.—The
Budd Co.
\*\*COOPER DEVELOPMENT CORP.
Joe Davidson & Associates
Defience Engrg. & Microwave Corp.
Demoray-Bonardi
Diamond Antenna & Microwave Corp.
Demoray-Bonardi
Diamond Antenna & Microwave Corp.
Douglas Microwave Co., Inc.
Driarie, Inc.
Electro Impulse Lab., Inc.
Emerson Electric Mfg. Co., The, Electronics &
Avionics Div.
Engelhard Industries Inc., D. E. Makepeace Div.
General Communication Co.
John Gombos Co., Inc.
Goodyear Aircraft Corp.
J-V-M Microwave Co.
Kearfoth Co., Inc.
Microwave Electronics Div., Sperry Gyroscope
Co.
Narda Microwave Corp., The
Omega Labs., Inc.
Radar Design Corp.
Techniques, Inc.
\*\*Telerado MFG. CORP.
Terminal Radio Corp.
Wacline, Inc.
Waveline, Inc.
MIDFAME SECTIONS, AXIAL

# MIDFAME SECTIONS, AXIAL FLOW

American Welding & Mfg. Co., The Terminal Radio Corp.

# MILLIOHMMETERS

Alpha Instrument Co.
Associated Research, Inc.
Elgin Micronics, West Coast Div.-Elgin National
Watch Co.
Hammett Electric Co.
North Atlantic Industries, Inc.
Gerard G. Leeds Co., Inc.
Optimized Devices, Inc.
Simpson Electric Co.
Southwestern Industrial Electronics Co.
Terminal Radio Corp.

# MOTORS, TIMING-REGULATED, CONSTANT SPEED

CONSTANT SPEED

Advanced Products Co., The American Electronics, Inc. Bodine Electroics, Inc. Bodine Electroic Co. Joe Davidson & Associates Eclipse-Pioneer Div., Bendix Aviation Corp. Thomas A. Edison Ind., Instrument Div.— McGraw-Edison Co. Evact Engrg. & Mfg. Inc.

\*\*GARREIT CORP., THE, AIRESEARCH MFG. DIVS. General Railway Signal Co.

\*\*A. W. HAYDON CO., THE Haydon Div.-General Time Corp. Instrument Motors Lytle Engrg. & Mfg. Co.
National Pneumatic Co., Inc. Stancil-Hoffman Corp., The Terminal Radio Corp.

Varo Mfg. Co.
Vickers Inc., Div.-Sperry Rand Wacline, Inc.

\*\*MOTORS SERVO

# MOTORS, SERVO

MOTORS, SERVO

Airborne Accessories Corp.
American Electronics, Inc.
Barber-Colman Co.
Bodine Electric Co.
Bogue Electric Co.
Bogue Electric Mig. Co.
Celco-Constantine Engrg. Laboratories Co.
Diehl Mig. Co.
Eastern Air Devices, Inc.
Thomas A. Edison Ind., Instrument Div.—
McGraw-Edison Co.
Electric Indicator Co., Inc.
#GARREIT CORP., THE. AIRESEARCH MFG. DIVS.
General Electric Co., Apparatus Sales Div.
Helipot Corp.
Instrument Motors
Kearfolt Co., Inc.
Kollsman Instrument Corp., Sub.—Standard Coil
Products Co., Inc.

Land-Air, Inc., Sub.-California Eastern Aviation, Land-Air, Inc., Sub.—California Eastern Aviation, Inc.
Inc.
Minneapolis-Honeywell Regulator Co., Boston Div.
Minneapolis-Honeywell Regulator Co., Indust. Div.
Motordyne Inc.
National Pneumatic Co., Inc.
\*\*JOHN OSTER MFG. Co., AVIONIC DIV.
Servomechanisms, Inc., Mechatrol Div.
Servomechanisms, Inc., Mechatrol Div.
Small Motors Inc.
Terminal Radio Corp.
Varo Mfg. Co.
Vickers Inc., Div.-Sperry Rand
\*\*VICKERS INC., MARINE & ORDNANCE DEPT.,
MACHINERY HYDRAULICS DIV.
Wacline, Inc.

# NUCLEAR PRODUCTS

NUCLEAR PRODUCTS

American Electronics, Inc.,
\*AMERICAN MACHINE & FOUNDRY CO.
\*ANTON ELECTRONIC LABS., INC.
BJ Electronics, Borg-Warner Corp.
Baird-Atomic, Inc.
Bios Lebs., Inc.
Consolidated Electrodynamics Corp.
Engelhard Industries Inc., D. E. Makepeace Div.
Hertner Electric Co., The
Landswerk Electrometer Co.
Minneapolis-Honeywell Regulator Co.
Nuclear-Corp. of America, Inc.
Patterson, Moso Div.-Universal Winding Co., Inc.
Simpson Electric Co.
Telectro Industries Corp.
Terminal Radio Corp.
United States Radium Corp.

# Analyzers, Coincidence

Malyzers, Confidence
BJ Electronics, Borg-Warner Corp.
Baird-Atomic, Inc.
Eldorado Electronics
Hamner Electronics Co., Inc.
Nuclear Corp. of America, Inc.
Patterson, Moos Div.-Universal Winding Co., Inc.
Radiation Instrument Development Laboratory, Inc.
Telectro Industries Corp.
Terminal Radio Corp.

# Analyzers, Neutron Absorption

American Electronics, Inc.
Baird-Atomic, Inc.
Nuclear Corp. of America, Inc.
Patterson, Moos Div.-Universal Winding Co., Inc.
Radiation Instrument Development Laboratory, Inc. Inc. Telectro Industries Corp. Terminal Radio Corp.

# Analyzers, Spectrum

Analyzers, Spectrum

BJ Electronics, Borg-Warner Corp.
Baird-Atomic, Inc.
Consolidated Electrodynamics Corp.
Demornay-Bonardi
Eldorado Electronics
General Electric Co., Apparatus Sales Div.
Hamner Electronics Co., Inc.
Norheastern Engrg. Inc.
Nuclear-Chicago Corp.
Nuclear Corp. of America, Inc.
Patterson, Moos Div.-Universal Winding Co., Inc.
Radiation Counter Labs., Inc.,
Radiation Instrument Development Laboratory,
Inc. Inc.
Telectro Industries Corp.
Terminal Radio Corp.

# Assemblies, Shield

ASSEMBLIES, JOHELU
ACF Industries, Inc., Advanced Products Div.
Baird-Atomic, Inc.
General Nuclear Corp.
Hamner Electronics Co., Inc.
Nuclear Corp. of America, Inc.
Nuclear Measurements Corp.
Radiation Counter Labs., Inc.
Telectro Industries Corp.
Terminal Radio Corp.

# Badges, Radiation

Addges, Kadilation

American Electronics, Inc..

Bar-Ray Products, Inc.

Eastman Kodak Co.

Landsverk Electrometer Co.

Gerard G. Leeds Co., Inc.

Nuclear-Chicago Corp.

Nuclear Corp of America, Inc.

Patterson, Moos Div.-Universal Winding Co., Inc.

St. John X-Ray Laboratory

Sohl Co., The

Telectro Industries Corp.

Terminal Radio Corp.

# Chambers, Alpha

\*ANTON ELECTRONIC LABS., INC. Baird-Atomic, Inc. Landsverk Electrometer Co. Nuclear-Chicago Corp. Nuclear Corp of America, Inc. Nuclear Measurements Corp. Radiation Counter Labs., Inc.

Telectro Industries Corp. Terminal Radio Corp.

Counters, Alpha

Counters, Alpid
\*ANTON ELECTRONICS LABS., INC.
Baird-Atomic, Inc.
Gerard G. Leeds Co., Inc.
Nuclear Corp. of America, Inc.
Nuclear Measurements Corp.
Patterson, Moos Div.-Universal Winding Co., Inc.
Radiation Counter Labs., Inc.
Telectro Industries Corp.
Terminal Radio Corp.
\*WESTINGHOUSE ELECTRIC CORP.

# Counters, Radiation

Counters, Radiation
American Electronics, Inc.
\*ANTON ELECTRONIC LABS., INC.
BJ Electronics, Borg-Warner Corp.
Baird-Atomic, Inc.
Landsverk Electrometer Co.
Menio Research Lab.
Nuclear-Chicago Corp.
Nuclear Corp of America, Inc.
Nuclear Measurements Corp.
Patterson, Moos Div.-Universal Winding Co., Inc.
Radiation Counter Labs., Inc.
Radiation Instrument Development Laboratory, Inc. Inc.
Simpson Electric Co.
Stanley Aviation Corp.
Telectro Industries Corp.
Terminal Radio Corp.

# Counters, Scintillation

American Electronics, Inc.
BJ Electronics, Inc.
BJ Electronics, Borg-Warner Corp.
Baird-Atomic, Inc.
Hamner Electronics Co., Inc.
Gerard G. Leeds Co., Inc.
Nuclear-Chicago Corp.
Nuclear Corp. of America, Inc.
Nuclear Measurements Corp.
Patterson, Moos Div.-Universal Winding Co., Inc.
Radiation Counter Labs., Inc.
Radiation Instrument Development Laboratory, Inc. Inc.
Simpson Electric Co.
Stanley Aviation Corp.
Telectro Industries Corp.
Terminal Radio Corp.
Terminal Radio Corp. \*WESTINGHOUSE ELECTRIC CORP.

# Crystal, Scintillation

American Electronics, Inc.
BJ Electronics, Borg-Warner Corp.
Baird-Atomic, Inc.
Bios Labs., Inc.
Nuclear-Chicago Corp.
Nuclear Corp. of America, Inc.
Nuclear Measurements Corp.
Radiation Counter Labs., Inc.
Telectro Industries Corp.
Terminal Radio Corp.

# Detectors, Scintillation

Detectors, Scinfillation

American Electronics, Inc.
Baird-Alomic, Inc.
Fisher Research Lab., Inc.
Hamner Electronics Co., Inc.
Menlo Research Lab.
Nuclear-Chicago Corp.
Nuclear Corp. of America, Inc.
Nuclear Measurements Corp.
Paterson, Moos Div.-Universal Winding Co., Inc.
Radiation Counter Labs., Inc.
Simpson Electric Co.
Stanley Aviation Corp.
Telectro Industries Corp.
Terminal Radio Corp.
\*WESTINGHOUSE ELECTRIC CORP.

Equipment, Nuclear Radiation Acoustica Associates, Inc.
American Electronics, Inc.
\*ANTON ELECTRONIC LABS., INC.
Baird-Atomic, Inc.
Bar-Ray Products, Inc.
Curtiss-Wright Corp., Electronics Div.
Eldorado Electronics
Electronic Instrumentation Co., Div.—Ramo-Wooldridge Corp.
General Electric Co., Apparatus Sales Div.
General Nuclear Corp.
Jordan Electronics, Div.-Victoreen Instrument Co.
Nuclear Measurements Corp.
Nuclear-Chicago Corp.
Nuclear-Chicago Corp.
Putterson, Moos Div.-Universal Winding Co.,
Inc.
Radiation Counter Labs., Inc.
Radiation Instrument Development Laboratory,
Inc.
Radiation Counter Co.
Stanley Aviation Corp.
Telectro Industries Corp.
Terminal Radio Corp.
Terminal Radio Corp.
Terminal Radio Corp.
Terminal Radio Corp.
\*WESTINGHOUSE ELECTRIC CORP. Acoustica Associates, Inc. \*WESTINGHOUSE ELECTRIC CORP.

## Indicators, Radiation

American Electronics, Inc. \*ANTON ELECTRONICS LABS., INC. ANTON ELECTRONICS LABS., INC.
Baird-Abronic, Inc.
Curtiss-Wright Corp., Electronics Div.
General Nuclear Corp.
Jordan Electronics, Div.-Victoreen Instrument Co.
Landsverk Electrometer Co.
Menlo Research Lab.
Nuclear Corp. of America, Inc.
Nuclear Corp. of America, Inc.
Nuclear Measurements Corp.
Riggs Nucleonic Co.
Simpson Electric Co.
Telectro Industries Corp.
Terminal Radio Corp.

# Spectrometers

American Electronics, Inc.
BJ Electronics, Borg-Warner Corp.
Baird-Atomic, Inc.
Consolidated Electrodynamics Corp.
Eldorado Electronics
Hamner Electronics Co., Inc.
Instruments Div.-Philips Electronics, Inc.
Nuclear Corp. of America, Inc.
Process & Instruments
Radiation Counter Labs., Inc.
Radiation Instrument Development Laboratory,
Inc.
Telectro Industries Corp.
Terminal Radio Corp.

Tubes, Gamma Ray \*ANTON ELECTRONIC LABS., INC.

ANTON ELECTRONIC LABS., INV Baird-Atomic, Inc. Nuclear-Chicago Corp. Nuclear Corp. of America, Inc. Radiation Counter Labs., Inc. Telectro Industries Corp. Terminal Radio Corp.

\*WESTINGHOUSE ELECTRIC CORP.

# Tubes, Geiger Counter

\*ANTON ELECTRONIC LABS., INC. ANTON ELECTRONIC LABS., INC.
Baird-Atomic, Inc.
Instruments Div.Philips Electronics, Inc.
Landsverk Electrometer Co.
Nuclear-Chicago Corp.
Nuclear Corp. of America, Inc.
Radiation Counter Labs., Inc.
Telectro Industries Corp.
Terminal Radio Corp.

# Tubes, Scintillation

Baird-Atomic, Inc.
\*COOPER DEVELOPMENT CORP.
Instruments Div. Philips Electronics, Inc.
Nuclear-Chicago Corp.
Nuclear Corp. of America, Inc.
Radiation Counter Labs., Inc.
Telectro Industries Corp.
Terminal Radio Corp. \*WESTINGHOUSE ELECTRIC CORP.

### OSCILLOGRAPHS

Allegany Instrument Co., Inc.
Brush Instruments, Div.-Clevite Corp.
Burroughs Corp.
Centronix Inc.
Centrury Electronics & Instruments, Inc.
Consolidated Avionics Corp.
Consolidated Electrodynamics Corp. Consolidated Electrodynamics Corp. Edin Co., Inc., Epic, Inc., Epic, Inc., Ceneral Electric Co., Apparatus Sales Div. Hamilton Watch Co., Military Products Div. Helland Div.—Minneapolis-Honeywell Hickok Electrical Instrument Co., The Precision Apparatus Co., Inc. Sanborn Co., Skiatron Electronics & Television Corp. Sviatron Electronics & Television Corp. Southwestern Industrial Electronics Co. Telectro Industries Corp.

### Multi-Channel

Multi-Channel

Acton Laboratories Inc.
Allegany Instruments, Div.-Clevite Corp.
Brush Instruments, Div.-Clevite Corp.
Burroughs Corp.
Centronix Inc.
Century Electronics & Instruments, Inc.
Consolidated Avionics Corp.
Consolidated Avionics Corp.
Edin Co, Inc.
Epic, Inc.
Grass Instrument Co.
Hamilton Watch Co., Hathaway Instrument Div.
Heiland Div.--Minneaoplis-Honeywell
Hickok Electrical Instrument Co., The
Hogan Laboratories, Inc.
Massa Labs., Inc.
Minneapolis-Honeywell Regulator Co., Indust. Div.
Photron Instrument Co.
Sanborn Co.
Skiatron Electronics & Television Corp.
Southwestern Industrial Electronics Co.
Telectro Industrial Electronics Co.

#### Multi-Element

Wulfi-Element

Burroughs Corp.
Century Electronics & Instruments, Inc.
Consolidated Avionics Corp.
Consolidated Electrodynamics Corp.
Edin Co., Inc.
Heiland Div.—Minneapolis-Honeywell
Hogan Laboratories, Inc.
Minneapolis-Honeywell Regulator Co., Indust. Div.
Photron Instrument Co.
Skiatron Electronics & Television Corp.
Southwestern Industrial Electronics Co.
Telectro Industries Corp.

### Portable

Brush Instruments, Div. Clevite Corp.
Century Electronics & Instruments, Inc.
Consolidated Avionics Corp.
Consolidated Electrodynamics Corp.
\*COOPER DEVELOPMENT CORP. COOPER DEVELOPMENT CORP.
Edin Co., Inc.
General Electric Apparatus Sales Div.
Heiland Div.—Minneapolis-Honeywell
Hickok Electrical Instrument Co., The
Minneapolis-Honeywell Regulator Co., Indust. Div.
Photron Instrument Co.
Skiatron Electronics & Television Corp.
Southwestern Industrial Electronics Co.
Telectro Industries Corp.

# Projection

Hickok Electrical Instrument Co., The Skiatron Electronics & Television Corp.

#### Radar

Reeves Instrument Corp. Ryan Aeronautical Co. Skiatron Electronics & Television Corp. Telectro Industries Corp.

# Recording

Allegany Instrument Co., Inc.
Brush Instruments, Div. Clevite Corp.
Burroughs Corp.
Centronix Inc.
Century Electronics & Instruments, Inc.
Consolidated Avianics Corp.
Consolidated Electrodynamics Corp.
Edin Co., Inc.
Electro-Medical Lab., Inc. Electro-Medical Lab., Inc.
Epic, Inc.
Hamilton Watch Co., Apparatus Sales Div.
General Electric Co., Alathaway Instrument Div.
Hamilton Watch Co., Military Products Div.
Heiland Div.—Minneapolis-Honeywell
Hogan Laboratories, Inc.
Massa Labs., Inc.
Minneapolis-Honeywell Regulator Co., Indust. Div.
Panoramic Radio Products, Inc.
Photron Instrument Co.
Reeves Instrument Corp.
Sanborn Co.
Skiatron Electronics & Television Corp.
Southwestern Industrial Electronics Co.
Telectro Industries Corp.

# Transient Study

Allegany Instrument Co., Inc.
Brush Instruments, Div. Clevite Corp.
Century Electronics & Instruments, Inc.
Consolidated Avionics Corp.
Edin Co., Inc.
General Electric Co., Apparatus Sales Div.
Heiland Div.—Minneapolis-Honeywell
Skiatron Electronics & Television Corp.
Southwestern Industrial Electronics Co.
Telectro Industries Corp.

# **OSCILLOMETERS**

Electronic Measurements Corp. Simpson Electric Co.

#### OSCILLOSCOPES

Advance Industries, Inc.
Aeroquip Corp.
Allegany Instrument Co., Inc.
American Electronic Labs., Inc.
Dunlap Electronics, Inc.
Edgerton, Germeshausen & Grier, Inc.
Feiler Engrg. & Mfg. Co.
Hickok Electrical Instrument Co., The
Industrial Television Inc.
Laboratory for Electronics, Inc.
Cerard G. Leeds Co., Inc.
Munston Mfg. & Service, Inc.
Precise Development Corp.
Precision Apparatus Co., Inc.
Railway Communications Inc.
Simpson Electric Co.
Southwestern Industrial Electronics Co.
Sun Electric Corp.
Telechrome Mfg. Co.

# PANELS, JACK

Accurate Electronics Corp., Dept D

Aerolite Electronics Corp.
Centronix Inc.
Eljay Corp.
General Railway Signal Co.
Hickok Electrical Instrument Co., The
Schaffer Air Industries, Inc.
Switchcraft, Inc.

#### PHASEMETERS

American Electronics, Inc., Data-Tronics Div. American Electronics, Inc., Data-Tronics Di Bergen Labs. General Electric Co., Apparatus Sales Div. Hallamore Electric Co. Hammett Electric Co. Simpson Electric Co. Theta Instrument Corp. Varo Mfg. Co. Wintronics.

# PHASE ANALYZERS

American Electronics, Inc., Data-Tronics Div. Bergen Labs.
General Electric Co., Apparatus Sales Div. Simpson Electric Co. Theta Instrument Corp. Varo Mfg. Co. Wintronics

# **PHOTOMETERS**

Baird-Atomic, Inc. Eldorado Electronics Hammett Electric C Jarrell-Ash Co.

# PICKUPS, PRESSURE

Atlantic Research Corp.
BJ Electronics, Borg-Warner Corp.
Consolidated Electrodynamics Corp.
Datran Electronics, Div.—Mid-Continent Mfg., Inc.
Dynametrics Corp.
Dynamic Instrument Co., Inc.
Edcliff Instruments
Thomas A. Edison Ind., Instrument Div.—McGrawEdison Co.
Endevco Corp.
\*GARRETT CORP., THE, AIRESEARCH MFG. DIVS.
Haller Raymond & Brown Inc.
Kollsman Instrument Corp., Sub.—Standard Coil
Products Co. Inc.

# Products Co. Inc. Photocon Research Products Trans-Sonics, Inc. Ultradyne, Inc.

PICKUPS, TEMPERATURE

Advanced Electronics, Inc.
Allegany Instrument Co., Inc.
Thomas A. Edison Ind., Instrument Div.—McGrawEdison Co.
Electronic Processes Corp. of California
Fenwal Inc.
Flow Corp.
\*\*GARRETT CORP., THE, AIRESEARCH MFG. DIVS.
Haller Raymond & Brown Inc.
Harco Labs. Inc.
Minneapolis-Honeywell Regulator Co., Indust. Div.
Simpson Electric Co.
Trans-Sonics, Inc.
United Control Corp.

# PICKUPS, VIBRATION

Atlantic Research Corp.
Brush Instruments, Div.-Clevite Corp.
Chesapeake Instrument Corp.
Columbia Research Labs.
Consolidated Electrodynamics Corp.
Endevco Corp.
Georafor Corp.
M8 Mfg. Co.
Massa Labs., Inc.
Photocon Research Products
Herman Hosmer Scott, Inc.
Southwestern Industrial Electronics Co.

# PILOT LIGHT ASSEMBLIES

Accurate Electronics Corp., Dept D
Aerolite Electronics Corp.
Alden Products Co.
Cutler-Hammer Inc.
Eldema Corp.
General Electric Co., Appartus Sales Div.
Grimes Mig. Co.
Signalite Inc.
Simpson Electric Co.
Sylvania Electric Products Inc., Parts Div.

# POSTS, BINDING

Accurate Electronics Corp., Dept D Accurate Electronics Corp., Affiliated Screw Products Co. Elec Corp. Electro-Tech Equipment Co. General Railway Signal Co. Georator Corp. E. F. Johnson Co. Litton Industries, Components Div. Malco Tool & Mig. Co. Superior Electric Co., The Waldom Electronics Inc.

# POTENTIOMETER TRIMMERS

Ace Electronics Associates, Inc.
Borg Equipment Div-The George W. Borg Corp.
Chicago Telephone Supply Corp.
Clarostat Mig. Co., Inc.
Dale Products, Inc.
Joe Davidson & Associates
Edcliff Instruments
Edcliff Instruments
General Controls Corp., Components Div.
General Controls Co.
Helipot Corp.
Gerard G. Leeds Co., Inc.
Tucson Instrument Corp.

# POTENTIOMETERS

POTENTIOMETERS

Allegany Instrument Co., Inc.
American Electronics, Inc.
Analoque Controls, Inc.
Borg Equipment Div.-The George W. Borg Corp.
Brush Instruments, Div.-Clevite Corp.
Chicago Telephone Supply Corp.
Dale Products, Inc.
Joe Davidson & Associates
R. C. Dudek & Co.
Dwyer Engra. Co., Inc.
Edcliff Instruments
Electro-Measurements Inc.
Fairchild Controls Corp., Components Div.
\*GARREIT CORP., THE, AIRESEARCH MFG. DIVS.
General Controls Co.
General Electric Co., Apparatus Sales Div.
Humphrey, Inc.
Gerard G. Leeds Co., Inc.
Leeds & Northrup Co.
Librascope Inc.
Markite Corp.
Perkin-Elmer Corp.
Servonic Instruments, Inc.
U. S. Gauge Div.-American Machine & Metals,
Inc.

# Absolute Pressure

Computer Instruments Corp.
Edcliff Instruments
Fairchild Controls Corp., Components Div.
Friez Instrument Div.-Bendix Aviation Corp.
\*\*GARRETT CORP., THE, AIRESEARCH MFG. DIVS
Greenleaf Mfg. Co., The, Div.-Mandrel Industries
Inc. Greenleat Mrg. Co., Ine, Div.-Manufacture Inc.
Iron Fireman Mfg. Co., Electronics Div.
Kollsman Instrument Corp., Sub.—Standard Coil
Products Co. Inc.
Rahm Instruments, Div.-American Machine &
Metals, Inc.
Servonic Instruments, Inc.
Trans-Sonics, Inc.

# Differential Pressure

Computer Instruments Corp.
Edcliff Instruments
Fairchild Controls Corp., Components Div.
Friez Instrument Div.-Bendix Aviation Corp.
\*GARREIT CORP., THE, AIRESEARCH MFG. DIV.
Greenleaf Mfg. Co., The, Div.-Mandrel Industries Inc.
Iron Fireman Mfg. Co., Electronics Div.
Kollsman Instrument Corp., Sub.—Standard Coil
Products Co. Inc.
Rahm Instruments, Div.-American Machine &
Metals, Inc.
Servonic Instruments, Inc.
Trans-Sonics, Inc.

# High Resistance

Ace Electronics Associates, Inc.
Dale Products, Inc.
Fairchild Controls Corp., Components Div.
Helipot Corp.
Humphrey, Inc.
Gerard G. Leeds Co., Inc.
Markite Corp.
Servonic Instruments, Inc.
Spectrol Electronics Div., Carrier Corp.
Tucson Instrument Corp.

# High Voltage

Dale Products, Inc. Dale Products, Inc.
Helipot Corp.
Humphrey, Inc.
Gerard G. Leeds Co., Inc.
Markite Corp.
Servonic Instrumetrs, Inc.
Tucson Instrument Corp.

#### Induction

American Electronics, Inc. G. L. Collins Corp. Diehl Mfg. Co. Helipot Corp. Servonic Instruments, Inc.

# Metallic Film

Chicago Telephone Supply Corp.
Fairchild Controls Corp., Components D
General Electric Co., Apparatus Sales Div.
Helipot Corp.
Gerard G. Leeds Co., Inc.,
Zenith Optical Laboratory

# Portable Instrument

Allegany Instrument Co., Inc.
Clarostat Mfg. Co., Inc.
Gray Instrument Co.
Humphrey, Inc.
Minneapolis-Honeywell Regulator Co., Indust. Div.
Non-Linear Systems Inc.
Westronics Inc.

# Precision

Precision

Ace Electronics Associates, Inc.
Allegany Instrument Co., Inc.
American Electronics, Inc.
Analogue Controls, Inc.
Analogue Controls, Inc.
Borg Equipment Div.The George W. Borg Coro.
Clarostat Mfg. Co., Inc.
Computer Instruments Corp.
Dale Products, Inc.
Joe Davidson & Associates
R. C. Dudek & Co.
Dwyer Engrg. Co., Inc.
Electro-Measurements Inc.
Fairchild Controls Corp., Components Div.
General Controls Corp., Components Div.
General Controls Corp., Components
Gray Instrument Co.
Humphrey, Inc.
Gerard G. Leeds Co., Inc.
Leeds & Northrup Co.
Markite Corp.
Minco Products, Inc.
Minneapolis-Honeywell Regulator Co., Indust.
Div.
Non-Linear Systems Inc.
Osborne Electronic Sales Corp.
Perkin-Elmer Corp.
Servonic Instruments, Inc.
Spectrol Electronics Div., Carrier Corp.
Iucson Instrument Corp.
U. S. Gauge Div.-American Machine & Metals, Inc.

# Printed Circuit

Ace Electronics Associates, Inc.
Dale Products, Inc.
Dwyer Engrg. Co., Inc.
Gerard G. Leeds Co., Inc.
P. R. Mallory & Co. Inc.
Naz-Dar Co.
Zenith Optical Laboratory

# Rectilinear

Ace Electronics Associates, Inc.
Clarostat Mig. Co., Inc.
Computer Instruments Corp.
Edcliff Instruments
Fairchild Controls Corp., Components Div.
General Controls Co. General Controls Co. Humphrey, Inc. Gerard G. Leeds Co., Inc. Markite Corp. Minco Products, Inc. Servonic Instruments, Inc. Tucson Instrument Corp.

#### Slidewire

Analogue Controls, Inc. Electronic Associates, Inc. General Controls Co. Georator Corp. Helipot Corp. Humphrey, Inc. Gerard G. Leeds Co., Inc.

# POWER ABSORBERS

Metavac, Inc.
McMillan Industrial Corp.
Radar Design Corp.
Sun Electric Corp.
United Mfg. Co. Div., The W. L. Maxson Corp.
Wacline, Inc.

# PRECIPITATORS, ELECTROSTATIC

Hammett Electric Co. Koppers Co., Inc., Metal Products Div.

# PRESSURE INSTRUMENTS

\*\*AEROTEST LABORATORIES, INC.
Century Electronics & Instruments, Inc.
Consolidated Electrodynamics Corp.
Dynametrics Corp.
Dynamic Instrument Co., Inc.
Edcliff Instruments
Thomas A. Edison Ind., Instrument Div.—McGraw-Edison Co.,
Electro Products Labs., Inc.
Ellison Draft Gage Co.,
Fairchild Controls Corp., Components Div.
Fischer & Porter Co.,
Fischer & Porter Co.,
Fischer Torre, The, AIRESEARCH MFG. DIVS.
General Electric Co., Apparatus Sales Div.

Greenleaf Mfg. Co., The, Div.-Mandrel In-dustries Inc. Haller Raymond & Brown Inc. \*WALLACE O. LEONARD, INC. Minneapolis-Honeywell Regulator Co., Indust.

Div. Northam Electronics, Inc. Scientific Instrument Co. Trimount Instrument Co. Ultradyne, Inc. Weksler Instrument Corp.

# PROBES, PRESSURE

Aero Research Instrument Co. Inc.
Dynametrics Corp.
Dynamic Instrument Co., Inc.
Edcliff Instrument
Ellison Draft Gage Co.
Flow Corp.
Friez Instrument Div.-Bendix Aviation Corp.
FGARREIT CORP., THE, AIRESEARCH MFG. DIVS.
Haller Raymond & Brown Inc.
Harco Labs., Inc.
Scientific Instrument Co.
Task Corp. Task Corp.

#### PROBES, TEMPERATURE

Advanced Electronics, Inc.
Aero Research Instrument Co. Inc.
Allegany Instrument Co., Inc.
Cardinal Instrumentation Corp.
Consolidated Controls Corp.
Dynametrics Corp.
Dynametrics Corp.
Thomas A. Edison Ind., Instrument Div.-McGraw-Edison Co.
Electronic Processes Corp. of California
Fenwal Inc. Flow Corp.
Friez Instrument Div.-Bendix Aviation Corp.
\*GARRETT CORP., THE, AIRESEARCH MFG. DIVS.
Haller Raymond & Brown Inc.
Harco Lobs., Inc.
Illinois Testing Laboratories, Inc.
Scientific Instrument Co.
Simpson Electric Co.
Victory Engineering Corp. Flow Corp.

# **PSYCHOGALVANOMETERS**

Associated Research, Inc. Electro-Medical Lab., Inc. Hammett Electric Co. Offner Flectronics Inc.

#### **PSYCHROMETERS**

Cambridge Instrument Company, Inc.
Consolidated Avionics Corp.
E. Vernon Hill & Co.
Instruments Corp., The
Palmer Thermometers, Inc.
Scientific Instrument Co.
Weksler Instrument Corp.

# PYROMETERS, OPTICAL

Electro-Tech Equipment Co. Epic, Inc. Leeds & Northrup Co. Pyrometer Instrument Co., Inc.

## PYROMETERS, RADIATION

Electro-Tech Equipment Co. Epic, Inc.
General Electric Co., Apparatus Sales Div.
Leeds & Northrup Co.
Minneapolis-Honeywell Regulator Co., Indust. Div.
Perkin-Elmer Corp.
Pyrometer Instrument Co., Inc.
Servo Corp. of America

# PYROMETERS, RESISTANCE

Electro-Tech Equipment Co., Sales Div. Hickok Electrical Instrument Co., The Illinois Testing Laboratories, Inc. Leeds & Northrup Co., Lewis Engrg. Co., The Minneapolis-Honeywell Regulator Co., Indust. Div.

# RADAR TEST SETS

Adlar Electronics, Inc.
Adlar Electronics, Inc.
Autonetics, Div. North American Aviation, Inc.
BJ Electronics, Borg-Waner Corp.
Bendix Aviation Corp., York Div.
Bogart Mfg. Corp.
Chemalloy Electronics Corp.
Consolidated Avionics Corp.
COOPER DEVELOPMENT CORP.
\*\*DALMO VICTOR CO., DIV.-TEXTRON INC.
Daven Co., The
Demornay-Bonardi
Electronics Dept., Hamilton Standard Div.,
United Aircraft Corp.
Emerson Electric Mfg. Co., The Electronics &
Avionics Div.

Depth

Chesapeake Instrument Corp. Kearfott Co., Inc.

General Communication Co.
Goodyear Aircraft Corp.
Haller Raymond & Brown Inc.
J.V.M Microwave Co.
Mechanical Div.-General Mills, Inc.
Microwave Electronics Div., Sperry Gyroscope

Co.
Narda Microwave Corp., The
Optimized Devices, Inc.
PPACKARD-BELL ELECTRONICS CORP.
Reeves Instrument Corp.
Resdel Engrg. Corp.
Ryan Aeronautical Co.
Simpson Electric Co.
Stromberg-Calson, Electronics Div.
Sylvania Electronic Systems, Div.-Sylvania Electronic
\*TELERAD MFG. CORP.
Telonic Industries, Inc.
Vectron, Inc.
Wacline, Inc.

WACTINE, TIRC.
\*WASHINGTON ALUMINUM CO., INC.
\*WESTINGHOUSE ELECTRIC CORP., AIR ARM

# RADIATION DETECTORS

American Electronics, Inc. Baird-Atomic, Inc.
Cambridge Instrument Company, Inc.
\*COOPER DEVELOPMENT CORP. COOPER DEVELOPMENT CORP.
Fisher Research Lab., Inc.,
General Electric Co., Apparatus Sales Div.
Gerard G. Leeds Co., Inc.,
Menlo Research Lab.,
Nuclear-Chicago Corp.
Patterson, Moos Div.-Universal Winding Co., Inc.,
Philco Corp., Government & Industrial Divs.,
Radiation Counter Labs., Inc.
St. John X-Ray Laboratory
Simpson Electric Co.
Stanley Aviation Corp.,
Telectro Industries Corp.

# RADIATION EQUIPMENT, NUCLEAR

NOCLEAR

American Electronics, Inc.
BJ Electronics, Borg-Warner Corp.
Baird-Atomic, Inc.
Baird-Atomic, Inc.
Eldorado Electronics
General Electric Co., Apparatus Sales Div.
General Nuclear Corp.
Gerard G. Leeds Co., Inc.
Nuclear-Chicago Corp.
Patterson, Moos Div.-Universal Winding Co., Inc.
Radiation Counter Labs., Inc.
Radiation Instrument Development Laboratory, Inc. Inc.
Simpson Electric Co.
Stanley Aviation Corp.
Telectro Industries Corp.
United States Radium Corp.

# RADIOACTIVITY EQUIPMENT

BJ Electronics, Borg-Warner Corp.
Baird-Atomic, Inc.
General Nuclear Corp.
Jordan Electronics, Div.-Victoreen Instrument Co.
Gerard G. Leeds Co., Inc.
Patterson, Moos Div.-Universal Winding Co., Inc.
Radiation Counter Labs., Inc.
Radiation Instrument Development Laboratory, Inc. Telectro Industries Corp. United States Radium Corp.

# **RECORDERS**

Advanced Products Co., The Alden Electronic & Impulse Recording Equip. Co. Co. Allegany Instrument Co., Inc. American Electronics, Inc. American Electronics, Inc.
Bardon Instrument Corp.
Bardon Instrument Corp.
Bursh Instruments, Div.-Clevite Corp.
Centronix Inc.
Consolidated Avionics Corp.
Consolidated Avionics Corp.
F. W. Corbett Science Labs.
Dance Inc. F. W. Corbett Science Labs.
Dynac, Inc.
Haller Raymond & Brown Inc.
Haydon Div.-General Time Corp.
Heiland Div.-Minneapolis-Honeywell
Leeds & Northrup Co.
Librascope Inc.
Maico Electronics, Inc.
Minneapolis-Honeywell
Laboratories Div.
Minneapolis-Honeywell Regulator Co., Indust.
Div.
Reeves Instrument Corp. Div.
Reeves Instrument Corp.
Simpson Electric Co.
Skiatron Electronics & Television Corp.
Southwestern Industrial Electronics Co.
Thompson-Ramo-Wooldridge Products Co., The
Westronics Inc.

Pacific Div.-Bendix Aviation Corp. Skiatron Electronics & Television Corp.

# Film Thickness

Curtiss-Wright Corp., Electronics Div. Electric Eye Equipment Co. Nuclear Corp. of America, Inc.

# Fluid Conductivity, Electronic

Industrial Instruments Inc. Research Appliance Co.

# Frequency

Alden Electronic & Impulse Recording Equip. Co. Centrony Electronics & Instruments, Inc. Consolidated Avionics Corp. Consolidated Avionics Corp.
Dynac, Inc.
Heiland Div.-Minneapolis-Honeywell
Kay Electric Co.
Laboratory for Electronics, Inc.
Leeds & Northrup Co.
Minneapolis-Honeywell Regulator
Laboratories Div.
Offiner Electronics Inc.
Potter Aeronautical Corp.
\*\*RADIATION, INC.
Sound Apparatus Co.
Systron Corp.
Varo Mfg. Co.
\*\*WESTINGHOUSE ELECTRIC CORP.

# Frequency Response

Alden Electronic & Impulse Recording Equip. Co.
Brush Instruments, Div.-Clevite Corp.
Centronix Inc.
Cestury Electronics & Instruments, Inc.
Consolidated Avionics Corp.
Heiland Div.-Minneapolis-Honeywell
Kay Electric Co.
Minneapolis-Honeywell Regulator Co.-Davies
Div. Div. Div.
Photron Instrument Co.
Potter Aeronautical Corp.
Reeves Instrument Corp.
Skiatron Electronics & Television Corp.
Sound Apparatus Co.
Varo Mfg. Co.

# Liquid Level, Electronic

Acoustica Associates, Inc.
Aeronautical & Instrument Div., Robertshaw-Fulfon Controls Co.
Auburn Spark Plug Co., Inc.
Centronix Inc.
Curtiss-Wright Corp., Electronics Div.
Fischer & Porter Co.
Gilmore Industries Inc.
Haller Raymond & Brown Inc.
Leeds & Northrup Co.
Minneapolis-Honeywell Regulator Co., Indust.
Div. Div. Narda Ultrasonics Corp., The Nuclear Corp. of America, Inc.

# Magnetic, Mobile Comm.

Magnetic, Mobile Comm.

American Electronics, Inc., Data-Tronics Div. Autonetics, Div.-North American Aviation, Inc. Consolidated Electrodynamics Corp. Electromation Co. International Radio & Electronics Corp. Kinevox-Hallen Minneapolis-Honeywell Regulator Co.-Davies Laboratories Div. Minneapolis-Honeywell Regulator Co., Indust. Div. Southwestern Industrial Electronics Co. Telectro Industries Corp.

# Materials Thickness, Electronic

Consolidated Avionics Corp. Curtiss-Wright Corp., Electronics Div. Daytronic Corp. Electric Eye Equipment Co. Leeds & Northrup Co.

### Mechanical

Gorrell & Gorrell Hagan Chemicals & Controls, Inc. Hamilton Watch Co., Military Products Div. Hogan Laboratories, Inc. Soroban Engra, Inc. Technical Oil Tool Corp.

# **Potentiometers**

Analogue Controls, Inc. F. W. Corbett Science Labs. F. W. Corbett Science Laps. Epic, Inc. General Electric Co., Apparatus Sales Div. Hagan Chemicals & Controls, Inc. Leeds & Northrup Co. Minneapolis-Honeywell Regulator Co.-Davie Laboratories Div. Minneapolis-Honeywell Regulator Co., Indust. Div. F. L. Moseley Co. Westronics Inc Regulator Co.-Davies

# Power Level

Airborne Instruments Lab., Inc.
Antlab Inc.
General Electric Co., Apparatus S
Reeves Instrument Corp.
Sound Apparauts Co.
\*WESTINGHOUSE ELECTRIC CORP. Apparatus Sales Div.

# Pressure, Electronic

Allegany Instrument Co., Inc.
Baldwin-Lima-Hamilton Corp., Electronics & Instrumentation Divs.
Barton Instrument Corp.
Century Electronics & Instruments, Inc.
Consolidated Electrodynamics Corp.
Fischer & Porter Co.
Gilmore Industries Inc.
Hagan Chemicals & Controls, Inc.
Hagler Raymond & Brown Inc.
Heiland Div.—Minnepolis-Honeywell
Leeds & Northrup Co.
Systron Corp.
U. S. Gauge Div.-American Machine & Metals,
Inc.

# Sound Level

Brush Instruments, Div.-Clevite Corp. Chesapeake Instrument Corp. Kay Electric Co. Minneapolis-Honeywell Regulator Co.-Davies Laboratories Div.
Sanborn Co.
Simpson Electric Co.
Sound Apparatus Co.

# Specific Gravity, Electronic

Fischer & Porter Co. Gilmore Industries Inc. Potter Aeronautical Corp.

#### Strain

Allegary Instrument Co., Inc.

8 & F Instruments, Inc.

8 aldwin-Lima-Hamilton Corp., Electronics & Instrumentation Divs.

8 rush Instruments, Div.-Clevite Corp.

Century Electronics & Instruments, Inc.

Consolidated Avionics Corp.

Consolidated Electrodynamics Corp.

James Cunningham Son & Co., Inc.

Daytronic Corp.

Gilmore Industries Inc.

Gray Mig. Co., The

Heiland Div.-Minnepolis-Honeywell

Minneapolis-Honeywell Regulator Co., Indust.

Div. Div.
Offner Electronics Inc.
Photron Instrument Co.
Sanborn Co.

# Tape and Wire

American Electronics, Inc.
American Electronics, Inc.
American Electronics, Inc.
American Electronics, Inc.
Amplifier Corp. of America
Consolidated Electrodynamics Corp.
Electromation Co.
General Kinetics, Inc.
Gray Mfg. Co., The
International Radio & Electronics Corp.
Kinevox-Hallen
Maico Electronics, Inc.
Master Tape Printers
Minneapolis-Honeywell
Regulator Co.
Minneapolis-Honeywell
Laboratories Div.
Minneapolis-Honeywell
Div.
Seeburg Corp., The Div.
Seeburg Corp., The
Soroban Engrg., Inc.
Soroban Engrg., Inc.
Southwestern Industrial Electronics Co.
Stromberg-Carlson, Electronics Div.
Telectro Industries Corp.
Thompson Products, Inc.

# Temperature, Electronic

Allegany Instrument Co., Inc.
Avien, Inc.
Cardinal Instrumentation Corp.
Century Electronics & Instruments, Inc.
James Cunninghem Son & Co., Inc.
Curtiss-Wright Corp., Electronics Div.
Gilmore Industries Inc.
Hagan Chemicals & Controls, Inc.
Hallikainen Instruments
Heiland Div.-Minneapolis-Honeywell
Minneapolis-Honeywell Regulator Co., Indust.
Div. Minneapolis-Honeywell Reg Div. Leeds & Northrup Co. Offner Electronics Inc. Research Appliance Co. Simpson Electric Co. Telectro Industries Corp. Thermo Electric Co., Inc. Westronics Inc.

# Timing

Advanced Products Co., The Alden Electronic & Impulse Recording Equip. Co. Alden Systems Co. Allegany Instrument Co., Inc. Bergen Labs. Centronix Inc. Computer-Measurements Corp. Consolidated Avionics Corp. M. Ducommun Co. General Electric Co., Apparatus Sales Div. Gilmore Industries Inc. Gorrell & Gorrell Haydon Div.-General Time Corp. \*\*
\*\*RADIATION, INC.\*\*
Sheffield Corp., The, Sub.—Bendix Aviation Corp. Systron Corp.
Technical Oil Tool Corp.

# Torque, Electronic

Allegany Instrument Co., Inc. B & F Instruments, Inc. Baldwin-Lima-Hamilton Corp., Electroncis & In-Baldwin-Lima-Hamilton Corp., Electroncis & Instrumentation Divs.
Bergen Labs.
Century Electronics & Instruments, Inc.
Gilmore Industries Inc.
Heiland Div.—Minneapolis-Honeywell
Minneapolis-Honeywell Regulator Co., Indust. Div.

# Transient

Allegany Instrument Co., Inc.
Bergen Labs.
Brush Instruments, Div.-Clevite Corp.
Edgerton, Germeshausen & Grier, Inc.
Kay Electric Co.
Minneapolis-Honeywell Regulator Co., Indust. Div.
\*RADIATION, INC.

# Vacuum

Central Electronics Mfgrs., Inc. Consolidated Electrodynamics Corp. Minneapolis-Honeywell Regulator Co., Indust. Div. Nuclear Corp. of America, Inc. U. S. Gauge Div., American Machine & Metals,

### Vibration

Brush Instruments, Div.-Clevite Corp.
Century Electronics & Instruments, Inc.
Consolidated Avionics Corp.
Consolidated Electrodynamics Corp.
Epic, Inc.
Heiland Div.—Minneapolis-Honeywell
Impact-O-Graph Corp., The
Kay Electric Co.
Minneapolis-Honeywell
Laboratories Div.
Minneapolis-Honeywell Regulator Co., Indust. Div.
Southwestern Industrial Electronics Co.

#### Weight, Electronic

Baldwin-Lima-Hamilton Corp., Electronics & Instrumentation Divs.
Curtiss-Wright Corp., Electronics Div.
Gilmore Industries Inc.
Leeds & Northrup Co.
Minneapolis-Honeywell Regulator Co., Indust. Div.
\*RADIATION, INC.

# X-Y

X-Y

Alden Electronic & Impulse Recording Equip Co. Analogue Controls, Inc.
Analogue Controls, Inc.
Analogue Controls, Inc.
Analogue Controls, Inc.
Analogue Corp.
California Computer Products
Chesspeake Instrument Corp.
F. W. Corbett Science Labs.
Electron Instruments, Inc.
Electronic Associates, Inc.
Fenske Fedrick & Miller Co.
Gilmore Industries Inc.
Gorrell & Gorrell
Leeds & Northrup Co.
Librascope Inc.
Magnavox Co., The
Minneapolis-Honeywell Regulator Co., Indust. Div.
F. L. Moseley Co.
\*RADIATION, INC.
Reeves Instrument Corp.
Sanborn Co.
Tally Register Corp.

# REVERBERATION UNITS

Centronix Inc. International Research Associates Winder Aircraft Corp. of Fla.

# SALT BATHS

ALL DATION
Associated Testing Labs., Inc.
John Gombos Co., Inc.
General Electric Co., Apparatus Sales Div.
Hallikainen Instruments
F. Holden Co., The
E. F. Houghton & Co.
Papesch & Kolstad, Inc.
Winder Aircraft Corp. of Fla.

# SHOCK TUBES

Finn Aeronautical Div., T. R. Finn & Co., Inc. Flow Corp.
\*RESEARCH & ADVANCED DEVELOPMENT DIV., AVCO MFG. CORP.

# SHOCK TUNNELS

Finn Aeronautical Div., T. R. Finn & Co., Inc. R. C. Mahon Co., The

# SIMULATORS, FLIGHT

Chicago Div., American Bosch Arma Corp. \*COOPER DEVELOPMENT CORP. \*COOPER DEVELOPMENT CORP.

Davidson Mfg. Co.
Electronic Associates, Inc.
Hallamore Electronics Co.
Philico Corp., Government & Industrial Divs.
Reeves Instrument Corp.
\*RESEARCH & ADVANCED DEVELOPMENT DIV.,
AVCO MFG. CORP.
\*\*RHEEM MFG. CO., ELECTRONICS DIV.
Seeburg Corp., The
Stanley Aviation Corp.
Task Corp.
Task Corp.
Task Corp.
Task Corp.
Task Corp.
Task Corp.
\*\*WASHINGTON ALUMINUM CO., INC.
\*\*WESTINGHOUSE ELECTRIC CORP., AIR ARM
DIV.
Winder Aircraft Corp. of Fla.

# SLIDING LOADS, MICROWAVE

Bogart Mfg. Corp.
Defiance Engrg. & Microwave Corp.
Demornay-Bonardi
Douglas Microwave Co., Inc.
Omega Labs., Inc.

# **SPECTROMETERS**

American Electronics, Inc.
Applied Research Labs.
Baird-Atomic, Inc.
Barnes Engineering Co.
\*BAUSCH & LOMB OPTICAL CO.
Brush Instruments, Div.-Clevite Corp.
Consolidated Electrodynamics Corp.
Davidson Mfg. Co.
Epic, Inc.
J. W. Fecker, Inc., Sub.—American Optical Co.
Jarrell-Ash Co.
Leeds & Northrup Co.
Librascope Inc.
National Spectrograph Labs., Inc.
Perkin-Elmer Corp.
Process & Instruments

# **SPECTROPHOTOMETERS**

\*Baird-Atomic, Inc.

\*BAUSCH & LOMB OPTICAL CO.

J. W. Fecker, Inc., Sub.—American Optical Co.
General Electric Co., Apparatus Sales Div.
Jarrell-Ash Co. General Electric Co., Apparatus Sa Jarrell-Ash Co. Librascope Inc. National Spectrographic Labs., Inc. Optomechanisms Inc. Perkin-Elmer Corp. Process & Instruments Telechome Mfg. Corp.

# SPECTROSCOPIC EQUIPMENT

Applied Research Labs.
Baird-Atomic, Inc.
\*\*BAUSCH & LOMB OPTICAL CO.
Consolidated Electrodynamics Corp.
J. W. Fecker, Inc., Sub.—American Optical Co.
Jarrell-Ash Co.
Librascope Inc.
National Spectrographic Labs., Inc.
Optomechanisms Inc.
Process & Instruments

# SPRINGS, INSTRUMENT HAIRSPRINGS

W. L. Barrett Co., The Hamilton Watch Co., Military Products Div. Pic Design Corp., Sub.—Benrus Watch Co., Inc.

# SFRINGS, KNOB

Ace Spring Mfg. Co., Inc. W. L. Barrett Co., The Beede Electrical Instrument Co. Inc. Hamilton Watch Co., Military Products Div. Leetronics, Inc. Newcomb Spring of Conn. Inc. Reliable Spring & Wire Forms Co., The

# STANDARDS

Allegany Instrument Co., Inc. Barnes Development Co. Boonton Radio Corp. Davenport Mfg. Co. Electro-Measurements Inc. Leeds & Northrup Co. Specific Products
Winder Aircraft Corp. of Fla.

# Capacitance

Barnes Development Co.
Boonton Electronics Corp.
Georator Corp.
Leeds & Northrup Co.
Simmonds Aerocessories, Inc.
Telectro Industries Corp.
Winder Aircraft Corp. of Fla.

# Equipment, Calibration

Curtiss-Wright Corp., Industrial & E:'entific Products Div. Demornay-Bonardi Dunlap Electronics, Inc. G. W. Galloway Co. General Electronic Co., Apparatus Sales Div. Hallikainen Instruments Telectro Industries Corp. Weinschel Engrg. Winder Aircraft Corp. of Fla.

# Frequency

James G. Biddle Co.
D & R. Ltd.
Demornay-Bonardi
Dunlap Electronics, Inc.
Georalor Corp.
Gertsch Products Inc.
Manson Laboratories, Inc.
Manson Instruments
Specific Products
Systron Corp.
Thompson Products, Inc.
Varo Mig. Co.
Winder Aircraft Corp. of Fla.

#### Inductance

Georator Corp. Leeds & Northrup Co. United Transformer Corp. Winder Aircraft Corp. of Fla.

# Laboratory Time

M. Ducommun Co. Georator Corp. Hamilton Watch Co., Military Products Div. Winder Aircraft Corp. of Fla.

Acton Laboratories Inc. Theta Instrument Corp. Varo Mfg. Co. Winder Aircraft Corp. of Fla. Wirtonics

# Resistance

Barnes Development Co. James G. Biddle Co. Electro-Measurements Inc. Georator Corp. Gray Instrument Co. Leeds & Northrup Co. Leeds & Northrup Co. Minneapolis-Honeywell Regulator Co. Indust. Div. Tel-Labs, Inc. Winder Aircraft Corp. of Fla.

# Temperature

Cardinal Instrumentation Corp. Cardinal Instrumentation Corp.
Hallikainen Instruments
Harco Labs., Inc.
Leeds & Northrup Co.
Palmer Thermometers, Inc.
Philico Corp., Government & Industrial Divs.
Scientific Instrument Co.
Weksler Instrument Corp.
Winder Aircraft Corp. of Fla.

Allegany Instrument Co., Inc.
M. Ducommun Co.
Georator Corp.
Hamilton Watch Co., Military Products Div.
Specific Products
Winder Aircraft Corp. of Fla.

# Voltage

Airtron, Inc.
Avien, Inc.
Avien, Inc.
Consolidated Controls Corp.
Davenport Mfg. Co.
John Fluke Mfg. Co., Inc.
General Electric Co., Apparatus Sales Div.
Holt Instrument Laboratories, Div.-Holt Hardwood Co., Inc.
Gerard G. Leeds Co., Inc.
Leeds & Northrup Co.

Minneapolis-Honeywell Regulator Co., Indust. Div. Owen Labs. Inc. Owen Labs. Inc.
\*RADIATION, INC.
Southwestern Industrial Electronics Co.
Winder Aircraft Corp. of Fla.

# STANDS, MICROPHONE

Champion Airquipment Inc. Telectro Industries Corp.

# STANDS, TEST

ACF Industries, Inc., Advanced Products Div.
Aero-Test Equipment Co., Inc.
\*AMERICAN MACHINE & FOUNDRY CO.
Anchor Specialty Mfg. Co. Inc.
Canoga Corp. of California
Champion Airquipment Inc.
Chempion Co., The
Coleman Engra, Co., Inc.
Consolidated Diesel Electric Corp., Test Equip.
Div

Consolidated Diesel Electric Corp., Test Equip.
Div.

\*\*COOPER DEVELOPMENT CORP.
Denison Engrg. Div., American Brake Shoe Co.
G. M. Dykes Iron Works, Inc.
Dynametrics Corp.
G. W. Galloway Co.
Greenbrier Instruments Inc.
Greenleaf Mig. Co., The, Div.-Mandrel Industries Inc.
Hallamore Electronics Co.
Ideal-Aerosmith, Inc.
\*\*KAHN & CO., INC.
Kaiser Steel Corp., Fabricating Div.
Lear, Inc.
Loewy-Hydropress, Div.—Baldwin-Lima-Hamilton
Luria Engrg. Co.
R. C. Mahon Co., The
Parameters Inc.
Philips & Davies Inc.
Pioneer Central Div., Bendix Aviation Corp.
\*\*REGENT JACK MFG. CO., INC.
Research Controls
Research, Inc.
Rucker Co., The
Schaffer Air Industries, Inc.
Scientific Instrument Co.
Scientific Instrument Co.
Shaw Metal Products Corp.
Sprague Engrg. Corp.
Straley Aviation Corp.

Shaw Metal Products Corp.
Sprague Engrg. Corp.
Stanley Aviation Corp.
Telectro Industries Corp.
Theta Instrument Corp.
Though Mig. Co. Div., The W. L. Masson Corp.
Vickers Inc., Div., Sperry Rand.
\*VICKERS INC., MARINE & ORDNANCE DEPT.,
MACHINERY HYDRAULICS DIV.
Warren Mig. Div., Warren Brothers Roads Co,
Winder Aircraft Corp. of Fla.

# STANDS, WAVEGUIDE

\*AMERICAN MACHINE & FOUNDRY CO. AMERICAN MACHINE & FOUNDRY
Canoga Corp. of California
Defiance Engrg. & Microwave Corp.
Demornay-Bonardi
Douglas Microwave Co.,
JV-M Microwave Co.,
Narda Microwave Corp., The Omega Labs., Inc.
Telectro Industries Corp.
Uniwave, Inc.
Winder Aircraft Corp. of Fla.

# STATIC ELIMINATORS

Merix Chemical Co. Telectro Industries Corp. United States Radium Corp.

# STATORS, MOTOR & GENERATOR

American Welding & Mfg. Co., The
Bogue Electric Mfg., Co.
Celco-Constantine Engrg. Laboratories Co.
Eclipse-Pioneer Div., Bendix Aviation Corp.
Ecicor Div.-F. L. Jacobs Co.
Guided Missile Div.-De Havilland Aircraft of
Canada, Ltd.
Task Corp.

# STRAIN GAUGES

Aero Research Instrument Co. Inc.
Baldwin-Lime-Hamilton Corp., Electronics & Instrumentation Divs.
Consolidated Electrodynamics Corp.
Daytronic Corp.
Dynametrics Corp.
Dynamic Instrument Co., Inc.
General Electric Co., Apparatus Sales Div.
Gilmore Industries Inc.
Gulton Industries, Inc.
St. John X-Ray Laboratory
Thieblot Aviation Co., Div.-Vitro Corp. of
America

# STRAIN RELIEFS

Amatom Electronic Hardware Co. Inc.

# STROBOSCOPE, SYNCHRONIZER

Chadwick-Helmuth Co. Hickok Electrical Instrument Co., The Skiatron Electronics & Television Corp.

# **STROBOSCOPES**

Davenport Mfg. Co.
Edgerton, Germeshausen & Grier, Inc.
Epic, Inc.
Georator Corp.
Graflex, Inc.
Hickok Electrical Instrument Co., The
Kemlite Laboratories, Inc.
Skiatron Electronics & Television Corp.
Slaughter Co., Inc.
Sun Electric Corp.

#### **SWITCHES**

\*MISSILE COMPONENTS GROUP, ELECTRO-SNAP SWITCH MFG. CO.

# SWITCHING EQUIPMENT, CAMERA

Abrams Instrument Corp.
James Cunningham Son & Co., Inc.
Librascope Inc.
J. A. Maurer, Inc.
Micro Switch, Div.—Minneapolis Honeywell Reg.

\*MISSILE COMPONENTS GROUP, ELECTRO—SNAP SWITCH & MFG. CO. Thompson Products, Inc.

# **SYNCHROS**

American Electronics, Inc.
Clifton Precision Products Co., Inc.
Eclipse-Pioneer Div., Bendix Aviation Corp.
Thomas A. Edison Ind., Instrument Div—McGrawEdison Co.
Electric Auto-Life Co., The
Electric Indicator Co., Inc.
Helipot Corp.
\*\*JOHN OSTER MFG. CO., AVIONIC DIV.
Servomechanisms, Inc., Mechatrol Div.

# SYNCHROSCOPES

General Electric Co., Apparatus Sales Div. Hammett Electric Co. Lavoie Labs., Inc. Skiatron Electronics & Television Corp. Sun Electric Corp.

## SYSTEMS, REMOTE CONTROL

SYSTEMS, REMOTE CONTROL

American Electronics, Inc., Data-Tronics Div. American Research & Mig. Corp., Bendix Aviation Corp., York Div. Burroughs Corp.

Bendix Aviation Corp., York Div. Burroughs Corp.

\*COOPER DEVELOPMENT CORP.

James Cunningham Son & Co., Inc.

\*PDATA-CONTROL SYSTEMS INC.

Dynac, Inc.

Selipse-Pioneer Div., Bendix Aviation Corp.

Thomas A. Edison Ind., Instrument Div.—McGraw-Edison Co.

J. W. Fecker, Inc., Sub.—American Optical Co.

General Reliway Signal Co.

North Atlantic Industries, Inc.

\*KAHN & CO., INC.

Librascope Inc.

Reeves Instrument Corp.

Rucker Co., The

Ryan Aeronautical Co.

Skiatron Electronics & Television Corp.

Southwestern Industrial Electronics Co., The

Tucson Instrument Corp.

Varo Mfg. Co.

# TABS

Master Tape Printers Sohl Co., The Star Engraving Co., Ltd. Techniques, Inc.

# TABS, DIAL ACCESS

Master Tape Printers Sohl Co., The Star Engraving Co., Ltd Techniques, Inc.

# TACHOMETER DRIVES

Arch Gear Works Inc.
Geartronics Corp.
I-L-S Instrument Corp.
Master Tape Printers
Potter Aeronautical Corp.
Reeves Instrument Corp.
Servomechanisms, Inc., Mechatrol Div.
Sun Electric Corp.
Uniwave, Inc.

# **TACHOMETERS**

American Electronics Inc.

Associated Research, Inc.
Bgoue Electric Mfg., Co.
Cardinal Instrumentation Corp.
Consolidated Airborne Systems, Inc.
Diehl Mfg. Co.
Dynac, Inc.
Eclipse-Pionneer Div., Bendix Aviation Corp.
Electric Auto-Life Co., The
Electro-Lech Equipment Co.
Epic, Inc.
Geartronics Corp.
General Electric Co., Apparatus Sales Div.
Hammett Electric Co.
I-L-S Instrument Corp.
Ideal Industries Inc.
Instruments Corp., The
Kearfort Co., Inc.
Maico Electronics, Inc.
Maico Electronics, Inc.
Metron Instrument Co.
Potter Aeronautical Corp.
Southwestern Industrial Electronics Co.
Southwestern Industrial Electronics Co.
Sun Electric Corp.
Technical Oil Tool Corp.
Uniwave, Inc.
MacCHOMFTERS. ELECTRONIC

# TACHOMETERS, ELECTRONIC

American Electronics, Inc.
American Electronics, Inc.
Burroughs Corp., Electronic Tube Div.
Cardinal Instrumentation Corp.
Cardinal Instrumentation Corp.
Consolidated Airborne Systems, Inc.
Dynac, Inc.
Electro Products Labs., Inc.
Electro Products Labs., Inc.
Electro Products Corp.
Georator Corp.
Hammelt Electric Co.
Inc.
Hammelt Electric Co.
Inc.
North Atlantic Industries, Inc.
Optomechanisms Inc.
Potter Aeronautical Corp.
Servomechanisms, Inc., Mechatrol Div.
Simpson Electric Co.
Slaughter Co., Inc.
Southwestern Industrial Electronics Co.
Sun Electric Corp.
Uniwave, Inc.
Varo Mig. Co.
Wacline, Inc.
Westronics Inc.

# TAPES, TEST

Hamilton Watch Co., Military Products Div. Master Tape Printers Sohl Co., The Southwestern Industrial Electronics Co. Telectro Industries Corp.

# TEMPERATURE MEASURING EQUIPMENT

Allegany Instrument Co., Inc. Assembly Products, Inc. Auto-Control Labs., Inc. Auto-Control Labs., Inc.
Avien, Inc.
Barnes Engineering Co.
3rush Instruments, Div.-Clevite Corp.
CDC Control Services, Inc.
Caroinal Instrumentation Corp.
Consolidated Avionics Corp.
Conosolidated Controls Corp.
COOPER DEVELOPMENT CORP.
Thomas A. Edison Ind., Instrument Div.—McGraw-Edison Co.
Electronic Control Corp.
Electro-Tech Equipment Co.
Epic, Inc.

Electronic Control Corp.
Electronic Control Corp.
Electronic Control Corp.
Electro-Tech Equipment Co.
Epic, Inc.
Ewald Instruments
Fairfield Engineering Corp.
Fenwal Inc.
Fischer & Porter Co.
Flow Corp.
Friez Instrument Div.-Bendix Aviation Corp.
\*\*BARREIT CORP., THE AIRESEARCH MFG. DIVS.
General Electric Co., Apparatus Sales Div.
Hagan Chemicals & Controls, Inc.
Hallikainen Instruments
E. Vernon Hill & Co., Apparatus Sales Div.
Hagan Chemicals & Controls, Inc.
Illinios Testing Laboratories, Inc.
Illinios Testing Laboratories, Inc.
Instruments Corp., The
\*\*KAHN & Co., INC.
Leeds & Northrup Co.
Lewis Engrg. Co., The
Jas. P. Marsh Corp.
Minneapolis-Honeywell Regulator Co., Indust. Div.
Palmer Thermometers, Inc.
Royco Instruments
Scientific Instrument
Co.
Simpson Electric Co.
Trans-Sonics, Inc.
Victory Engineering Corp.
Westler Instrument Corp.
Westler Instrument Corp.
Westler Instrument Corp.

# TEMPERATURE RESISTANCE BULBS

Cardinal Instrumentation Corp.
Thomas A, Edison Ind., Instrument Div.—McGrawEdison Co.
Friez Instrument Div.-Bendix Aviation Corp.
Hallikainen Instruments
Illinois Testing Laboratories, Inc.

Leeds & Northrup Co. Lewis Engrg. Co., The Minneapolis-Honeywell Regulator Co., Indust. D'v. Rosemount Engrg. Co. Thermo Electric Co., Inc. Trans-Sonics, Inc. United Control Corp.

# TEST CHAMBERS, ENVIRONMENTAL

ENVIRONMENTAL

Aero-Test Equipment Co., Inc.

\*AEROTEST LABORATORIES, INC.
Aireco, Inc.
Anchor Specialty Mfg. Co., Inc.
Associated Testing Labs., Inc.
Auto-Control Labs., Inc.
Brubaker Electronics, Inc., Sub.—Telecomputing Corp.
CDC Control Services, Inc.
Cincinnati Sub Zero Products

\*CONRAD, INC.
Consolidated Electrodynamics Corp., Rochester Div.
Environmental Equipment Co.
G. W. Galloway Co.
Guardite Co., Div. of American-Marietta Co.
Harris Refrigeration Co.
International Radiant Corp.
Mast Development Co., Inc.
Murchy & Miller Inc.
NEC Equipment Corp.

\*RESEARCH & ADVANCED DEVELOPMENT DIV.,
AVCO MFG. CO.
Rofotest Labs., Inc.
Standard Cabinet Co.
Tenney Engrg., Inc.
Warren Mrg. Div., Warren Brothers Roads Co.

# TEST CHAMBERS, FLIGHT SIMULATION

Aero-Test Equipment Co., Inc. \*AEROTEST LABORATORIES, INC. Aireco, Inc.
Associated Testing Labs., Inc.
Brubaker Electronics, Inc., Sub.—Telecomputing Brubaker Electronics, Inc., Sub.—Telecomputing Corp.
CDC Control Services, Inc.
California Technical Industries, Div.-Textron Inc.
G. W. Galloway Co.
Gates Electronic Co.
Guardite Co., Div. of American-Marietta Co.
\*KAHN & CO., INC.
Mantec Inc.
\*\*RESEARCH & ADVANCED DEVELOPMENT DIV.,
AVCO MF6. CORP.
Rototest Labs., Inc.
Tenney Engrg., Inc.

# TEST EQUIPMENT

TEST EQUIPMENT

Accessory Controls & Equipment Corp.
Advance Industries, Inc.
Allegany Instrument Co., Inc.
Allegany Instrument Co., Inc.
Allegany Instrument Co., Inc.
\*AMERICAN MACHINE & FOUNDRY CO.
Anchor Specialty Mfg. Co. Inc.
Arnoux Corp.
Associated Research, Inc.
Associated Testing Labs., Inc.
Auto-Control Labs., Inc.
By Electronics, Borg-Warner Corp.
Bendix Aviation Corp., Red Bank Div.
Browning Laboratories, Inc.
Brush Instruments, Div.-Clevite Corp.
Burroughs Corp.
CDC Control Services, Inc.
\*CONRAD. INC.
Consolidated Avionics Corp.
Consolidated Avionics Corp.
Consolidated Electrodynamics Corp.
Davenport Mfg. Co.
Dit-Mco, Inc., Electronics Div.
Dwyer Engrg. Co., Inc.
Dynac, Inc.
Environmental Equipment Co.
Garoner Laboratory, Inc.
\*AARRETT CORP., THE, AIRESEARCH MFG. DIVS.
Gates Electronic Co.
General Communication Co.
Goodyear Aircraft Corp.
Gremco, Inc.
Heiland Div.-Minneapolis-Honeywell
Hicks Corp., The
E. Vernon Hill & Co.
Hunter Spring Co.
Instrument Laboratories
\*KAHN & CO., INC.
Gerard G. Leeds Co., Inc.
Leeds & Northrup Co.
Manson Laboratories, Inc.
Mantec Inc.
Mortoola Inc., Military Marketing Div.
Murphy & Miller Inc.
Opad Electric Co.
Polarad Electronics Corp.
Precison Apparatus Co., Inc.
Resdel Engra. Corp.
Rototest Labs., Inc.
Milton Roy Co.
St. John X-Ray Laboratory

Simpson Electric Co.
Specific Products
Spun Electric Corp.
Task Corp.
Tel-Instrument Electronics Corp.
Thompson Ramo-Wooldridge Products Co., Tre
Wacline, Inc.
Winder Aircraft Corp. of Fla.

## Accelerator

\*AEROTEST LABORATORIES, INC.
\*AMERICAN MACHINE & FOUNDRY CO.
Anchor Specialty Mfg. Co. Inc.
Associated Testing Labs., Inc.
Brubaker Electronics, Inc., Sub-Telecomputing
Corp.
CDC Control Services, Inc.
Egic, Inc.
Geisler Labs.
Hamilton Watch Co., Military Products Div.
Royal Industries, Inc.
Rucker Co., The
Warren Mfg. Div., Warren Brothers Roads Co.
Wave Particle Corp.
Winder Aircraft Corp. of Fla.

# Altitude Simulating

Acton Laboratories Inc.
Acton Est Equipment Co., Inc.
\*AEROTEST LABORATORIES, INC.
Associated Testing Labs., Inc.
Brybaker Electronics, Inc., Sub.Telecomputing Associated Testing Labs., Inc., Sub.-Telecomputing Carp.
Corp. Electronics, Inc., Sub.-Telecomputing Carp.
CDC Control Services, Inc.
California Technical Industries, Div.-Textron Inc.
\*CONRAD, INC.
J. P. Devine Mfg. Co.
Environmental Equipment Co.
G. W. Galloway Co.
\*GREER HYDRAULICS, INC.
Guardite Co., Div. of American-Marietta Co.
Hallamore Electronics Co.
Hicks Corp., The
Intercontinental Dynamics Corp.
International Radiant Corp.
Kaiser Aircraft & Electronics Div.-Kaiser Industries Corp.
\*WALLACE O. LEONARD, INC.
Link Aviation, Inc.
Mantec Inc.
Minneapolis-Honeywell Regulator Co., Aeronautical Div.
Missimers Inc.
NRC Equipment Corp.
Rototest Labs., Inc.
Rucker Co., The
Schaffer Air Industries, Inc.
Standard Cabinet Co.
Tenney Engra., Inc.
Thieblot Aviation Co., Div.-Vitro Corp. of
America.
Maren Mfg. Div., Warren Bothers Roads Co. America
Warren Mfg. Div., Warren Brothers Roads Co.
Winder Aircraft Corp. of Fla.

# Aural

Associated Testing Labs., Inc. General Sound Control, Inc. Thieblot Aviation Co., Div.-Vitro Corp. of America Western Electro-Acoustic Lab.

# Aviation

Aviation

Aero-Test Equipment Co., Inc.

\*\*AEROTEST LABORATORIES, INC.
Anchor Specially Mfg. Co. Inc.
Associated Testing Labs., Inc.
Brush Instruments, Div.-Clevite Corp.
CDC Control Services, Inc.
Champion Airquipment Inc.
Colema Engra. Co., Inc.
Consolidated Diesel Electric Corp., Test Equio.
Div.
Consolidated Electrodynamics Corp.
G. W. Galloway Co.
General Sound Control, Inc.
\*GREER HYDRAULICS, INC.
Hallamore Electronics Co.
Harman Equipment Co.
Heiland Div.-Minneapolis-Honeywell
Intercontinental Dynamics Corp.
\*KAHN & CO., INC.
Kearfott Co., Inc.
Mercury International Industries Inc.
Minneapolis-Honeywell Regulator Co., Aeronautical Div.
George L. Nankervis Co.
Pioneer-Central Div., Bendix Aviation Corp.
\*Schaffer Air Industries, Inc.
Strata Instrument Co.
Sun Electric Corp.
Thieblot Aviation Co., Div.-Vitro Corp. of
America
Thompson-Ramo-Wooldridge Products Co., The
Wells Industries Corp.

# Centrifuae

\*AEROTEST LABORATORIES, INC. Aircraft Armaments, Inc. AMERICAN MACHINE & FOUNDRY CO. Anchor Specialty Mfg. Co., Inc. Associated Testing Labs., Inc. Coleman Engrg. Co., Inc. Coleman Engrg. Co., Inc. \*GREER HYDRAULICS, INC Hamilton Watch Co., M Military Products Div.

GREER HYDRAULICS, INC.
Hamilton Watch Co., Military Products DiHicks Corp., The
Magnavox Co., The
Magnavox Co., The
Raymond Engrg. Laboratory, Inc.
Rototest Labs., Inc.
Royal Industries, Inc.
Rucker Co., The
Thieblot Aviation Co., Div.-Vitro Corp. of
America
Warren Mfg. Div. Warren Brekher Book Co.

Warren Mfg. Div., Warren Brothers Roads Co.

# Combustion

\*AEROTEST LABORATORIES, INC.
Associated Testing Labs., Inc.
CDC Control Services, Inc.
Electronics Corp. of America
Gates Electronic Co.
General Sound Control, Inc.
Leeds & Northrup Co.
Research Appliance Co.
Sun Electric Corp.
Thieblot Aviation Co., Div.-Vitro Corp. of
America
Warren Mfg. Div., Warren Brothers Roads Co.

#### Electrical

Accessory Controls & Eguipment Corp.
Aero-Test Eguipment Co., Inc.
\*AEROTEST LABORATORIES, INC.
Allegany Instrument Co., Inc.
Alto Scientific Co., Inc.
Anchor Specialty Mfg. Co. Inc.
Associated Research, Inc.
Associated Testing Labs., Inc.
Bendix Aviation Corp., Red Bank Div.
California Technical Industries, Div.-Textron Inc.
Consolidated Diesel Electric Corp., Test Eguip.
Div.
James Cunningham Son & Co., Inc.

Div.

Div.

Div.

Dames Cunningham Son & Co., Inc.

Dames Cunningham Son & Co., Inc.

Dawenport Mfg. Co.

Dit-Mco., Inc., Electroncis Div.,

Edgerton, Germeshausen & Grier, Inc.,

Electric Eye Eguipment Co.,

\*GARREIT CORP., THE, AIRESEARCH MFG. DIVS.

Gates Electronic Co.,

General Electronic Co.,

General Electric Co., Apparatus Sales Div.

Greenbier Instruments, Inc.

\*GPEFR HYDRAULICS, INC.

Greenbrier Instruments Inc. \*GREER HYDRAULICS, INC.

\*GREER HYDRAULICS, INC.
Gremco, Inc.
Guardian Electric Mfg, Co.
Hallamore Electronics Co.
Hallar Raymond & Brown Inc.
Hammett Electric Co.
Heiland Div.—Minneapolis-Honeywell
Industrial Instruments Inc.
Instrument Laboratories
\*KAHN & CO., INC.
Laboratory for Electronics, Inc.
Lane Electronics Mfg, Corp.
Leach Corp.
Gerard G, Leeds Co., Inc.
Leeds & Northrup Co.
Minneapolis-Honeywell Regulator Co., Aeronautical Div.
Minneapolis-Honeywell Regulator Co., Boston
Minneapolis-Honeywell Regulator Co., Boston

Minneapolis-Honeywell Regulator Co., Boston

Minieapolis-Honeywell Regulator Co., Indust. Div.
Minneapolis-Honeywell Regulator Co., Indust. Div.
Multi-Amp Corp.
George L. Nankervis Co.

George L. Nankervis Co.
Opad Electric Co.
Opad Electric Co.
Optimized Devices, Inc.
\*PACKARD-BELL ELECTRONICS CORP.
Peschel Electronics, Inc.
Phaostron Instrument & Electronic Co.
Philo Corp., Government & Industrial Divs.
Reeves Instrument Corp.,
Republic Aviation Corp., Guided Missiles Div.
Rototest Labs., Inc.
Royal Industries, Inc.
Ryan Aeronautical Co.
Schaffer Air Industries Inc. Kyan Aeronautical Co.
Schaffer Air Industries, Inc.
Slaughter Co., Inc.
Strata Instrument Co.
Sun Electric Corp.
Stanley Aviation Corp.
Telectro Industries Corp.
United Mfg. Co. Div., The W. L. Maxson Corp.
Varo Mfg. Co.
Wacline, Inc.
Warren Mfg. Div. Warren Brothers Booth. Wacline, Inc.
Warren Mfg. Div., Warren Brothers Roads Co.
Waveforms, Inc.

\*WESTINGHOUSE ELECTRIC CORP. Winder Aircraft Corp. of Fla. Wright Equipment Corp.

## Electronic

\*AC SPARK PLUG DIV., GENERAL MOTORS CORP. Advance Industries, Inc. Aero-Test Equipment Co., Inc.

Advance Industries, Inc.
Advance Industries, Inc.
Aero-Test Equipment Co., Inc.
\*\*AFROTEST LABORATORIES, INC.
Aircraft Armaments, Inc.
Allegany Instrument Co., Inc.
Allo Scientific Co., Inc.
Amelco, Inc.
Anelco, Inc.
Anelco, Inc.
Anelco, Inc.
Associated Research, Inc.
Associated Testing Labs., Inc.
Autonetics, Div.-North American Aviation, Inc.
BJ Electronics, Borg-Warner Corp.
Baird-Atomic, Inc.
Ballantine Labs., Inc.
Bendix Aviation Corp., York Div.
Bliss Electronic Corp.
Boonton Electronics Corp.
Browning Laboratories, Inc.
Brubaker Electronics, Inc.
Corp.
Co

Corp.
Brush Instruments, Div.-Clevite Corp.

Brush Instruments, Div.-Clevite Corp.
Burroughs Corp.
California Technical Industries, Div.-Textron Inc.
Canoga Corp. of California
Centronix Inc.
Cincinnati Sub Zero Products
Coleman Engrg. Co., Inc.
Consolidated Avionics Corp.
Consolidated Electrodynamics Corp.

Consolidated Ávionics Corp.
Consolidated Electrodynamics Corp.
\*COOPER DEVELOPMENT CORP.
James Cunningham Son & Co., Inc.
Curliss-Wright Corp., Electronics Div.
\*DALMO VICTOR CO., DIV.-TEXTRON INC.
Davenport Mig. Co.
Dunlap Electronics, Inc.
Dyyac, Inc.
Electronic Former Son Corp.
Edgerton, Germeshausen & Grier, Inc.
Electric Eye Eguipment Co.
Electronic Associates, Inc.
Electronic Associates, Inc.
Electronic Corp. of America
Empire Products Sales Corp.
Epsco Inc.
Erie Resistor Corp.
Fenske Fedrick & Miller Co.
Flow Corp.
John Fluke Mfg. Co., Inc.
\*GARREIT CORP., THE, AIRESEARCH MFG. DIVS.
General Communication Co.
General Kinetics, Inc.
Georator Corp.
Goodyear Aircraft Corp.
\*GREER HYDRAULICS, INC.

Goodyear Aircraft Corp.

\*\*GREER HYDRAULICS, INC.

Guardian Electric Mfg. Co.

Hallamore Electronics Co.

Haller Raymond & Brown Inc.

Heiland Div.—Minneapolis-Honeywell

I-L-S Instrument Corp.

International Research Associates

International Research Associates
\*\*KAHN & CO., INC.
Kay Electric Co.
Kearfott Co., Inc., Laboratory for Electronics, Inc., Laboratory for Electronics, Inc., Lane Electronics Mfg. Corp., Lavoie Labs., Inc., Gerard G. Leeds Co., Inc., Leeds & Northrup Co., Marconi Instruments
Microwave Electronics Div., Sperry Gyroscope Co.

Mincapolis-Honeywell Regulator Co., Aeronautical Div.
Minneapolis-Honeywell Regulator Co., Boston Minneapolis-Honeywell Regulator Co., Indust. Div.
Div.
Minneapolis-Honeywell Regulator Co., Indust. Div.
Minston Inc., Military Marketing Div.
Munston Mfg. & Service, Inc.
George L. Nankervis Co.
Non-Linear Systems Inc.
Opad Electric Co.
Optimized Devices, Inc.
Optimized Devices, Inc.
Orbitran Co., Inc.

Optimized Devices, Inc.
Orbitran Co., Inc.
\*PACKARD-BELL ELECTRONICS CORP.
Peschel Electronics, Inc.
Phaostron Instrument & Electronic Co.
Philadelphia Scientific Glass Co.
Philadelphia Scientific Glass Co.
Philoc Corp., Government & Industrial Divs.
Polarad Electronics Corp.
Precision Apparatus Co., Inc.
Reeves Instrument Corp.
Republic Aviation Corp., Guided Missiles Div.
Resdel Engrg. Corp.
\*RHEEM MFG. CO., ELECTRONICS DIV.
Rototest Labs., Inc.
Royal Industries, Inc.
Ryan Aeronautical Co.
Schaffer Air Industries, Inc.
Stimmonds Aerocessories, Inc.
Stalatron Electronics & Television Corp.
Slaughter Co., Inc.
Southwestern Industrial Electronics Co.
Specific Products
Strata Instrument Co.
Sun Electric Corp.
Stanley Aviation Corp.
Sylvania Electronic Systems, Div.-Sylvania Electronic System Corp.
Sylvania Electronic Systems, Div.-Sylvania Electronic System Corp.
Technitrol Engrg. Co.
Telechrome Mig. Corp.
Telectron Industries Corp.

\*TELERAD MFG. CORP.
Telonic Industries, Inc.
Thieblot Aviation Co., Div.-Vitro Corp. of America
Thompson-Ramo-Wooldridge Products Co., The

Thompson-Ramo-Wooldridge Products Co., The Trio Laboratories, Inc.
Ultradyne, Inc.
Varo Mfg, Co.
Vectron, Inc.
Wacline, Inc.
Warren Mfg, Div., Warren Brothers Roads Co.
Warschel Engre, Westlind-Holds.

Weinschel Engrg. \*WESTINGHOUSE ELECTRIC CORP., AIR ARM WESTINGHOUSE ELECTRIC C DIV. Western Electro-Acoustic Lab. Winder Aircraft Corp. of Fla. Wright Equipment Corp.

#### Environmental

Acton Laboratories Inc. Aero-Test Eguipment Co., Inc. \*AEROTEST LABORATORIES, INC. Anchor Specialty Mg, Co. Inc.
Associated Testing Labs., Inc.
Auto-Control Labs., Inc.
Bendix Aviation Corp., York
Brybaker Electronics, Inc., Sub.-Telecomputing

Bendix Aviation Corp., York Div.
Brubaker Electronics, Inc., Sub.-Telecomputing
Corp.
CDC Control Services, Inc.,
Cincinnati Sub Zero Products
\*\*CONRAD, INC.
Consolidated Electrodynamics Corp., Rochester
Div.
J. P. Devine Mfg. Co.
Electric Auto-Lite Co., The
Environmental Egyipment Co.
Fischer & Porter Co.
G. W. Galloway Co.
Gardner Laboratory, Inc.
\*\*GARREIT CORP., THE, AIRESEARCH MFG. DIVS.
\*\*GARETT CORP.,

International Research A Mantec Inc. Missimers Inc. Murphy & Miller Inc. George L. Nankervis Co. Rototest Labs., Inc. Rucker Co., The Ryan Aeronautical Co. \*RYAN INDUSTRIES

Standard Cabinet Co. Sun Electric Corp. Telectro Industries Corp. Tenney Engrg., Inc. Thieblot Aviation Co., Div.-Vitro Corp. of

America
Warren Mfg Div., Warren Brothers Roads Co.
Winder Aircraft Corp. of Fla.

# Flight

Flight

\*AEROTEST LABORATORIES, INC.
Associated Testing Labs., Inc.
Auto-Control Labs., Inc.
Bendix Aviation Corp., Inc.
Bendix Aviation Corp., Ord Div.
Brush Instruments, Div.-Clevite Corp.
CDC Control Services, Inc.
California Technical Industries, Div.-Textron Inc.
Coleman Engrg. Co., Inc.
Consolidated Electrodynamics Corp.
\*COOPER DEVELOPMENT CORP.
J. W. Fecker, Inc., Sub.—American Optical Co.
Flow Corp.
\*GREER HYDRAULICS, INC.
Guardite Co., Div. of American-Marietta Co.
Hallamore Electronics Co.
Heiland Div.—Minneapolis-Honeywell
Hicks Corp., The
Intercontinental Dynamics Corp.
International Radiant Corp.
Kearfott Co., Inc.
\*WALLACE O. LEONARD, INC.
Mercury International Industries Inc.
Minneapolis-Honeywell Regulator Co., Aeronautical Div.
Minneapolis-Honeywell Regulator Co., Boston
Div.
Minneapolis-Honeywell Regulator Co., Boston
Div.
Republic Aviation Corp., Guided Missiles Div.

Minneapolis-Honeywell Regulator Co., boston Div.
Poly Republic Aviation Corp., Guided Missiles Div.
Reforest Labs., Inc., ELECTRONICS DIV.
Rotolest Labs., Inc., Stanley Aviation Corp.
Talectro Industries Corp.
Tenney Engrg., Inc.
Thieblot Aviation Co., Div.-Vitro Corp. of America
Waugh Engrg. Co.

Humidity Acton Laboratories Inc.
Aerotest Laboratories, Inc.
Anchor Specialty Mfg. Co. Inc.
\*ASSOCIATED TESTING LABS., INC.
Brubaker Electronics, Inc., Sub.—Telecomputing
Corp.
CDC Control Services, Inc.
Cincinnati Sub Zero Products
\*CONRAD, INC.
Electron-Radar Products Environmental Equipment Co.
Gardner Laboratory, Inc.

\*GARRETT CORP., THE, AIRESEARCH MFG. DIVS.
General Scientific Equipment Co.
Guardite Co., Div. of American-Marietta Co.
Hallamore Electronics Co.
Hicks Corp., The
E. Vernon Hill & Co.,
International Radiant Corp.

\*KAHN & CO., INC.
Manifec Inc.
Missimers Inc.
Murphy & Miller Inc.
Rotofest Labs., Inc.
Millon Roy Co.

\*RYAN INDUSTRIES
Scientific Instrument Co.
Standard Cabinet Co.,
Telectro Industries Corp.
Tenney Engrg., Inc.
Thieblot Aviation Co., Div.-Vitro Corp. of
America

Thieblot Aviation Co., DIV.-YITTO America
Universal Dynamics Corp.
Weighing & Control Components, Inc.
Wells Industries Corp.
Winder Aircraft Corp. of Fla.

# Hypersonic

Associated Testing Labs., Inc.
CDC Control Services, Inc.
Coleman Engrg. Co., Inc.
Minneapolis-Honeywell Regulator Co., Aero-Minneapolis-Honeywell Regulator Co., Aero-nautical Di. Rototest Labs., Inc. Thieblot Aviation Co., Div.-Vitro Corp. of America Winder Aircraft Corp. of Fla.

# Ignition

Aero-Test Equipment Co., Inc.
Allegany Instrument Co., Inc.
Allegany Instrument Co., Inc.
Anchor Specialty Mfg. Co., Inc.
Auburn Spark Plug Co., Inc.
Electric Auto-Lite Co., The
\*GREER HYDRAULICS, INC.
George L. Nankervis Co.
Research Appliance Co.
Schaffer Air Industries, Inc.
Scintilla Div., Bendix Aviation Corp.
Sun Electric Corp.
Tenney Engrq., Inc.
Thieblot Aviation Co., Div.-Vitro Corp. of
America. America Winder Aircraft Corp. of Fla.

# Impact

Acton Laboratories Inc.
\*AEROTEST LABORATORIES, INC.
Associated Testing Labs., Inc.
Brubaker Electronics, Inc., Sub.—Telecomputing Brubaker Electronics, Inc., Sub.—Telecompuning Corp.
Corp. CDC Control Services, Inc.
Columbia Research Labs.
Consolidated Electrodynamics Corp.
Heiland Div.—Minneapolis-Honeywell
Impact-O-Graph Corp., The
L. A. B. Corp.
Manitec Inc.
Thieblot Aviation Co., Div.-Vitro Corp. of
America America Winder Aircraft Corp. of Fla.

# Microwave

Airborne Instruments Lab., Inc.
Aircom Inc.
Aircom Inc.
Aircom Inc.
Aircom Inc.
Aircom Inc.
Aircom Inc.
American Electronic Labs., Inc.
American Electronic Labs., Inc.
American Electronic Labs., Inc.
Browning Laboratories, Inc.
California Technical Industries, Div.-Textron Inc.
Canaga Corp. of California
Chemalloy Electronics Corp.

\*DALMO VICTOR CO., DIV.-TEXTRON INC.
Demonay-Bonardi
Diamond Antenna & Microwave Corp.
Douglas Microwave Co., Inc.
Dynac, Inc.
Electronic Instrumentation Co., Div.—RamoWooldridge Corp.
Emerson Electric Mfg. Co., The, Electronics &
Avionics Div.
Empire Products Sales Corp.
Geisler Labs.
General Communication Co.
Goodyear Aircraft Corp.
Haller Raymond & Brown Inc.
J.-V-M Microwave Co.
Laboratory for Electronics, Inc.
Gerard G. Leeds Co., Inc.
McMillan Industrial Corp.
Microwave Electronics Inc.
Gerard G. Leeds Co., Inc.
McMillan Industrial Corp.
Microwave Electronics Div., Sperry Gyroscope
Co.
Narda Microwave Corp., The
Northeast Electronics Corp.
Omega Labs., Inc.
Panoramic Radio Products, Inc.
Panoramic Radio Products, Inc.
Palorad Electronics Corp.
Radar Design Corp.
Reeves Instrument Corp.

Resdel Engrg. Corp.
Ryan Aeronautical Co.
Saratoga Industries
Technical Oil Tool Corp.
Telechrome Mig. Corp.
Telectro Industries Corp.
\*\*TELERAD MFG. CORP.
Thieblot Aviation Co., Div.-Vitro Corp. of
America Vectron, Inc.
Wacline, Inc.
Waveline, Inc.
Wave Particle Corp.

# Oxygen System

Aero-Test Equipment Co., Inc. \*AEROTEST LABORATORIES, INC. AEROTEST LABORATORIES, INC.
Air Products, Inc.
Amthor Testing Instrument Co., Inc.
Anchor Specialty Mfg. Co. Inc.
Anchor Specialty Mfg. Co. Inc.
ARO Equipment Corp., The
CDC Control Services, Inc.
Minneapolis-Honeywell Regulator Co., Aeronautical Div.
Oxygen Equipment & Service Co.
Pioneer-Central Div., Bendix Aviation Corp.
Progressive Research & Development Co., Inc.
Schaffer Air Industries, Inc.
Steams-Roger Mfg. Co.
Uniwave, Inc.
Winder Aircraft Corp. of Fla.

# Pneumatic

Accessory Controls & Equipment Corp.
Acro-Test Equipment Co., Inc.
\*AEROTEST LABORATORIES, INC.
\*AMERICAN MACHINE & FOUNDRY CO.
Anchor Specialty Mfg. Co. Inc.
Auto-Control Labs., Inc.
CDC Control Services, Inc.
Cardox Corp.
Consolidated Diesel Electric Corp., Test Equip.
Div.
\*COOPER DEVELORMENT. Consolidated Diesel Electric Corp., Test Equip.
Div.

\*\*COOPER DEVELOPMENT CORP.

\*\*CORNELIUS CO., THE
Fischer & Porter Co.

\*\*GARRETT CORP., THE, AIRSSEARCH MFG. DIVS.

Greenbrier Instruments Inc.

\*\*Haskell Engrg. & Supply Co.

\*\*KAHN & CO., INC.

Waiter Kidde & Co., Inc., Aviation Div.

\*\*WALLACE O. LEONARD, INC.

Progressive Research & Development Co., Inc.

Rucker Co., The
Schaffer Air Industries, Inc.

Scientific Instrument Co.

Spraque Engrg. Corp.

Sun Electric Corp.

Thieblot Aviation Co., Div.-Vitro Corp. of
America

United Mfg. Co. Div., The W. L. Maxson Corp.

Wells Industries Corp.

Winder Aircraft Corp. of Fla.

#### Temperature

Accessory Controls & Equipment Corp.
Acton Laboratories Inc.
Advanced Electronics, Inc.
Aero-Test Equipment Co. Inc.
Aero-Test Eduipment Co. Inc.
Arabor Specialty Mfg. Co. Inc.
Arnoux Corp.
Associated Testing Labs., Inc. Associated Testing Labs., Inc.
Avien, Inc.
Brubaker Electronics, Inc., Sub-Telecomputing
Corp.
Brush Instruments, Div.-Clevite Corp.
CDC Control Services, Inc.
Cardinal Instrumentation Corp.
Cincinnati Sub Zero Products
\*CONRAD, INC.
Consolidated Diesel Electric Corp., Test Equip.
Div.
Environmental Equipment Co.
Fischer & Porter Co.
Fischer & Porter Co.
Fischer & Porter Co.
Gardner Laboratory, Inc.
Gray Instrument Co.
Gardner Laboratory, Inc.
Gray Instrument Co.
Greenbrier Instruments Inc.
\*GREER HYDRAULICS, INC.
Guardite Co., Div. of American-Marietta Co.
Hagan Chemicals & Controls, Inc.
Hallikainen Instruments
Harco Labs., Inc.
Heiland Div.-Minneapolis-Honeywell
E. Vernon Hill & Co.
Illinois Testing Laboratories, Inc.
International Radiant Corp.
\*KAHN & CO., INC.
Leeds & Northrup Co.
Mantec Inc.
Nantecopolis-Honeywell Regulator Co., Boston
Div.
Murohy & Miller Inc.
Palmer Thermometers, Inc.
Paterson, Moos Div.-Universal Winding Co., Inc.
Research, Inc.
Rototest Labs., Inc.
\*RYAN INDUSTRIES
Schaffer Air Industries, Inc.
Scientific Instrument Co. Avien, Inc.
Brubaker Electronics, Inc., Sub.-Telecomputing

Standard Cabinet Co.
Sun Electric Corp.
Tenney Engrg, Inc.
Thermo Electric Co., Inc.
Thieblot Aviation Co., Div.-Vitro Corp. of
America
Victory Engineering Corp.
Warren Mig. Div., Warren Brothers Roads Co.
\*WESTINGHOUSE ELECTRIC CORP.
Winder Aircraft Corp. of Fla.

# Vibration

Vibration

Acton Laboratories Inc.

\*AEROTEST LABORATORIES, INC.
All American Tool & Mig. Co.
Anchor Specialty Mig. Co. Inc.
Baldwin-Lima-Hamilton Corp., Electronics &
Instrumentation Divs.
Instrumentation Divs.
Brosh Instruments, Div.-Clevite Corp.
COC Control Services, Inc.
Calidyne Co., Inc., The
Columbia Research Labs.

\*CONRAD, INC.
Consolidated Electrodynamics Corp.
Endrevo Corp.
Endrevo Corp.
Environmental Equipment Co.
Epic, Inc.
G. W. Galloway Co.
Georator Corp.
Heiland Div.—Minneapolis-Honeywell
Impact-O-Graph Corp., The
International Research Associates

\*KAHN & CO., INC.
Kay Electric Corp.
L. A. B. Corp.
MB Mig. Co.
Mantec Inc.
Panoramic Radio Products, Inc.
Rotolest Labs., Inc.
Royal Industries, Inc.
Southwestern Industrial Electronics Co.
Task Corp.
Tel-Instrument Electronics Corp.
Tisk Corp.
Tel-Instrument Electronics Corp.
Tisk Corp.
Tel-Instrument Electronics Corp.
Tisk Corp.
Tel-Instrument Electronics Corp.
Warren Mig. Div., Warren Brothers Roads Co.
Western Electro-Acoustic Labs.

\*WESTINGHOUSE ELECTRIC CORP.
Winder Aircraft Corp. of Fla.

# TEST LEADS

Aerolite Electronics Corp.
Alden Products Co.
Amatom Electronic Hardware Co. Inc.
American Super-Temperature Wires, Inc.
Associated Research, Inc.
Belden Mfg. Co.
Birnbach Radio Co., Inc.
Electro-Tech Equipment Co.
First Electronics Corp., The
General Cable Corp.
Hallett Mfg. Co.
Hammett Electric Co.
Hi-Lo Manufacturing Gorp.
International Electric Industries, Inc.
Keystons Electronics Corp.
Phaostron Instrument & Electronic Co.
Precision Apparatus Co., Inc.
Schaffer, Air Industries, Inc.
Simpson Electronics Co., Inc.
Simpson Electronics Co., Sittler Corp.
Skytronics
Slaughter Co., Inc.
Sun Electric Corp.
Telectro Industries Corp.
Tricraft Producis Corp.
Tricraft Producis Corp.
Western International Co.

# TEST STANDS, STATIC

Aircraft Standards, Inc.
Arnold Corp.
Auto-Control Labs., Inc.
Ballymore Co.
Calcor Corp., Aircraft Div.
Champion Airquipment Inc.
Champion Co., The
C. B. Christiansen Co.
Consolidated Diesel Electric Corp., Test Equip.
Div. Consolidated Diesel Electric Corp., Test Equip.

No.

COPER DEVELOPMENT CORP.

\*CORNELIUS CO., THE
Denison Engrq. Div., American Brake Shoe Co.

\*DIVERSEY ENGRG. CO.
Dynametrics Corp.
G. W. Galloway Co.
General Sound Control, Inc.
Hicks Corp., The

\*KAHN & CO., INC.

Kaiser Steel Corp., Fabricating Div.
Loewy-Hydropress, Div.—Baldwin-Lima-Hamilton
Luria Engrq. Co.
R. C. Mahon Co., The
Mantec, Inc.
McDowell Co. Inc.
George L. Nankervis Co.

\*PACKARD-BELL ELECTRONICS CORP.
Performance Measurements Co.
Philips & Davies Inc.

Republic Aviation Corp., Guided Missiles Div.
Royal Industries, Inc.
Rucker Co., The
Shaw Metal Products Corp.
Swedlow Plastics Co.
Thompson-Ramo-Wooldridge Products Co., The
United Mfg. Co., The
\*Washington Aluminum Co., Inc.
Washington Technological Associates Inc.

# TEST UNITS, ACCELERATION, **MILITARY**

Aircraft Standards, Inc. Associated Testing Labs., Inc. Columbia Research Labs. Consolidated Electrodynamics Corp. Rochester

Div.

\*KAHN & CO., INC.
Luria Engrg. Co.
Pioneer-Central Div., Bendix Aviation Corp.
Rucker Co., The
Stromberg-Carlson, Electronics Div.
Warren Mfg. Div., Warren Brothers Roads Co.
Washington Technological Associates Inc.

#### **TESTERS**

Allegany Instument Co., Inc.
Associated Research, Inc.
Barnes Development Co.
Bendix Aviation Corp., Red Bank Div.
Bogue Electric Mfg. Co.
Bright Star Industries
Consolidated Avionics Corp.
Davenport Mfg. Co.
Dit-Mco, Inc., Electronics Div.
Electric Auto-Lite Co., The
Elgin Micronics, West Coast Div. Elgin National
Watch Co.
KAHN & CO. INC.

Watch Co.
\*\*KAHN & CO., INC.
Gerard G. Leeds Co., Inc.
Leeds & Northrup Co.
National Pneumatic Co., Inc.
Precision Apparalus Co., Inc.
Revers Instrument Corp.
Royal Industries, Inc.
Simpson Electric Co.
Sonex, Inc.
Wacline, Inc.

# Amplitude Linearity

Barnes Development Co.

## Automatic Tube

Anchor Specialty Mfg. Co. Inc.
Gates Electronic Co.
Hickok Electrical Instrument Co., The
Resdel Engrg. Corp.
\*\*RHEEM MFG. CO., ELECTRONICS DIV.
Seco Mfg. Co.

# Battery

Battery

Anchor Specialty Mfg. Co. Inc.
Bogue Electric Mfg., Co.
Christie Electric Corp.
Electric Auto-Lite Co., The
\*EXIDE INDUSTRIAL DIV.-THE ELECTRIC STORAGE BAITERY CO.
Gates Electronic Co.
General Scientific Equipment Co.
General Scientific Equipment Co.
Hammett Electric Co.
Hickok Electrical Instrument Co., The
Imperial Brass Mfg. Co., The
Industrial Control Co.
Precise Development Corp.
\*\*RHEEM MFG. CO., ELECTRONICS DIV.
Sun Electric Corp.

Amatom Electronic Hardware Co. Inc.
Anchor Specialty Mfg. Co. Inc.
Associated Research, Inc.
Associated Research, Inc.
Biss Electronic Corp.
California Technical Industries ,Div.-Textron Inc.
Dit-Mco, Inc., Electronics Div.
Electric Auto-Lite Co., The
Elgin Micronics, West Coast Div.-Elgin National
Watch Co.
Guardian Electric Mfg. Co.
Industrial Instruments Inc.
Kaiser Aircraft & Electronics Div.-Kaiser Industries Corp.
Multi-Amp Corp.
Radar Engineers
Schaffer Air Industries, Inc.
Telectro Industries Corp.

# Capacitor

Associated Research, Inc. Barnes Development Co. Boonton Electronics Corp. Electric Auto-Lite Co., The

Industrial Control Co. Gerard G. Leeds Co., Inc. Liquidometer Corp., The Precision Apparatus Co., Inc. Telectro Industries Corp.

Cathode Ray Tube

Hickok Electric Instrument Co., The Hickok Electric Instrument Corp. Precise Development Corp. Precise Development Corp. Precision Apparatus Co., Inc. Skiatron Electronics & Television Corp. Sun Electric Corp. Tricreft Products Corp.

#### Circuit

Circuit

Allegany Instrument Co., Inc.
Anchor Specialty Mfg. Co. Inc.
Associated Research, Inc.
Associated Research, Inc.
Bendix Avlation Corp., York Div.
Bliss Electricnic Corp.
Bogue Electric Mfg., Co.
California Technical Industries, Div.-Textron Inc.
Dit-Mco, Inc., Electronics Div.
Fenske Fedrick & Miller Co.
Haller Raymond & Brown Inc.
Hickok Electrical Instrument Co., The
Ideal Industries, Inc.
Industrial Control Co.
Lavoie Labs., Inc.
Pechel Electronics, Inc.
Pechel Electronics, Inc.
Precision Apparatus Co., Inc.
Royal Industries, Inc.
Schaffer Air Industries, Inc.
Schaffer Air Industries, Inc.
Schoffer Corp.
Sun Electric Corp.

# Coating Thickness

Gardner Laboratory, Inc. \*KAHN & CO., INC. Unit Process Assemblies, Inc.

# Coil

Barnes Development Co. Davenport Mfg. Co. Electric Auto-Lite Co., The Seco Mfg. Co. Sun Electric Corp.

# Color Infra Red

\*COOPER DEVELOPMENT CORP. Haller Raymond & Brown Inc. Skiatron Electronics & Television Corp.

# Continuity

Amelco, Inc.
Anchor Specialty Mfg. Co. Inc.
Associated Research, Inc.
James G. Biddle Co.
Biss Electronic Corp.
Bright Star Industries
California Technical Industries, Div.-Textron Inc.
Davenport Mfg. Co.
Dit-Mco, Inc., Electronics Div.
Guardian Electric Mfg. Co.
Ideal Industries, Inc.
Multi-Amp Corp.
Peschel Electronics, Inc.
Royal Industries, Inc.
Schaffer, Air Industries, Inc.
Seco Mfg. Co.
Sittler Corp.
Slaughter Co., Inc.
Southwestern Industrial Electronics Co.
Sun Electric Corp.
Telectro Industries Corp.

# Crystal Testing

Airborne Instruments Lab., Inc. Barnes Development Co. August E. Miller Laboratories Reeves Instrument Corp. Systron Corp.

Airborne Instruments Lab., Inc. Barnes Development Co. Hickok Electrical Instrument Co., The Multi-Amp Corp. Sonex, Inc. Stromberg-Carlson, Electronics Div. Technitrol Engrg. Co.

# Distortion

Boonton Electronics Corp. Empire Products Sales Corp. Telectro Industries Corp.

# Induction

Anchor Specialty Mfg. Co. Inc. Gerard G. Leeds Co., Inc. Telectro Industries Corp.

#### Insulation

nsulation

Anchor Specialty Mfg. Co. Inc.
Associated Research, Inc.
Bendix Aviation Corp., Red Bank Div.
James G. Biddle Co.
California Technical Industries, Div.-Textron Inc
Davenport Mfg. Co.
Dit-Mco. Inc., Electronics Div.
Electro-Tech Equipment Co.
Food Machinery & Chemical Corp., Ordnance
Div.
Industrial Instruments Inc.
Janco Corp. Industrial Instruments Inc.
Janco Corp.
Gerard G. Leeds Co., Inc.
Leeds & Northrup Co.
Multi-Amp Corp.
Opad Electric Co.
Peschel Electronics, Inc.
Slaughter Co., Inc.
Southwestern Industrial Electronics Co.
Strata Instrument Co. Strata Instrument Co.

# Insulation Breakdown

nsulation Breakdown

Associated Research, Inc.
Barnes Development Co.
Bendix Aviation Corp., Red Bank Div.
Bliss Electronic Corp.
California Technical Industries, Div.-Textron Inc.
Davenport Mfg. Co.
Dit-Mco, Inc., Electronics Div.
Electro-Tech Equipment Co.
Elgin Micronics, West Coast Div.-Elgin National
Watch Co.
Guardian Electric Mfg. Co.
Industrial Instruments Inc.
Kearfort Co., Inc.
Gerard G. Leeds Co., Inc.
Multi-Amp Corp.
National Pneumatic Co., Inc.
Opad Electric Co.
Peschel Electronics, Inc.
Saraboga Industries
Schaffer Air Industries
Schaffer Air Industries
Schaffer Co., Inc.
Southwest nerIndustrial Electronics Co.
Telectro Industries Corp.

## Meter

Associated Research, Inc.
Davenport Mfg. Co.
Electro-Tech Equipment Co.
\*KAHN & CO., INC.
Gerard G. Leeds Co., Inc.
Marion Electrical Instrument Co.
Non-Linear Systems Inc.
Phaostron Instrument & Electronic Co.
Roflan Co., The
Saratoga Industries
Simpson Electric Co.

## Microwave

California Technical Industries, Div. Textron Inc.
\*\*PALMO VICTOR CO., DIV. TEXTRON INC.

Demornay-Bonardi
Haller Raymond & Brown Inc.
Kearfort Co., Inc.
Gerard G. Leeds Co., Inc.
Telechrome Mig. Corp.
\*\*TELERAD MFG. CORP.
\*\*WESTINGHOUSE ELECTRIC CORP., AIR ARM
DIV.

# Theodolites \*HAYWARD SCIENTIFIC GLASS CORP.

# THERMOMETERS, RESISTANCE

THERMOMETERS, RESISTANCE

Arnoux Corp.
Cardinal Instrumentation Corp.
Cardinal Instrumentation Corp.
Consolidated Controls Corp.
Thomas A. Edison Ind., Instrument Div.—McGraw-Edison Co.
Electric Auto-Lite Co., The
Electric-Tech Equipment Co.
Flow Corp.
General Electric Co., Apparatus Sales Div.
Illinois Testing Laboratories, Inc.
Leeds & Northrup Co.
Lewis Engra, Co., The
Liquidometer Corp., The
Minco Products, Inc.
Minneapolis-Honeywell Regulator Co., Indust.
Div.
Rosemount Engra, Co.
Simpson Electric Co. Simpson Electric Co., Inc.
Thermo Electric Co., Inc.
Trans-Sonics, Inc.
United Control Corp.

# **THERMOPILES**

Aero Research Instrument Co. Inc.
Cambridge Instrument Company, Inc.
Electro Impulse Lab., Inc.
Illinois Testing Laboratories, Inc.
Leeds & Northrup Co.
Minneapolis-Honeywell Regulator Co., Indust
Div.
Pyrometer Instrument Co., Inc.
Simpson Electric Co.

#### **THERMOSTATS**

THERMOSIAIS

Barber-Colman Co.
Thomas A. Edison Ind., Instrument Div.-McGraw-Edison Co.
Fenwal Inc.
G-V Controls Inc.
General Electric Co., Apparatus Sales Div.
Hammett Electric Co.,
Metals & Controls Corp.
George Ulanet Co.
Powers Regulator Co., The
\*STEVENS MFG. CO., INC.
United Control Corp.
Vap-Air Div., Vapor Heating Corp.

# THICKNESS EQUIPMENT

Cleveland Instrument Co.
Consolidated Avionics Corp.
Curtiss-Wright Corp., Electronics Div.
\*DALMO VICTOR CO., DIV.-TEXTRON INC.
Gardner Laboratory, Inc.
General Electric Co., Apparatus Sales Div.
Optomechanisms Inc. Size Control Co. Unit Process Assemblies, Inc.

# THRUST MEASURING **INSTRUMENTS**

Allegany Instrument Co., Inc.
Baldwin-Lima-Hamilton Corp., Electronics & Instrumentation Divs.
Columbia Research Labs.
Consolidated Controls Corp.
Dynametrics Corp.
\*\*SARREIT CORP., THE, AIRESEARCH MFG, DIVS.
General Electric Co., Apparatus Sales Div.
Minneapolis-Honeywell Regulator Co., Indust.
Div.

Minneapolis-Honeywell Regulator Co., Indust. Div. Photocon Research Products Thieblot Aviation Co., Div.-Vitro Corp. of America

# TOOLS, ALIGNMENT

Air Logistics Corp.
Amatom Electronic Hardware Co. Inc.
\*\*BAUSCH & LOMB OPTICAL CO.
Bergen Carbide Co.
J. W. Fecker, Inc., Sub.—American Optical Co.
G. W. Galloway Co.
General Railway Signal Co.
Kellett Aircraft Corp.
Keystone Electronics Corp.
Republic Aviation Corp., Guided Missiles Div.
Stevens Walden Inc.

# TOOLS, HAND OR MECHANICAL

Air Speed Tool Co.
Amatom Electronic Hardware Co. Inc.
Bergen Carbide Co.
\*BILLINGS & SPENCER CO., THE
Capewell Mig. Co.
Eyelet Tool Co. Inc.
Ideal-Aerosmith, Inc.
Ideal Industries, Inc.
Metallurgical Products Dept., General Electric
Co. Metallurgical Products Dept., General Esc., Co.
Co.
Overload Control Co.
H. K. Porter Inc.
Stevens Walden Inc.
Stevens Walden Inc.
Strata Instrument Co.
P. A. Sturtevant Co.
Twix Mfg. Co., Inc.

## TRANSDUCERS

TRANSDUCERS

Aeronca Mfg, Corp.
Allegany Instrument Co., Inc.
American Electronics, Inc.
American Electronics, Inc.
Arnoux Corp.
Atlantic Research Corp.
By Electronics, Borg-Warner Corp.
Consolidated Avionics Corp.
Consolidated Avionics Corp.
Consolidated Electrodynamics Corp.
Crescent Engrg, & Research Corp.
Crescent Engrg, & Research Corp.
Fairchild Controls Corp., Components Div.
\*\*GARREIT CORP. THE, AIRSEARCH MFG. DIVS.
Haller Raymond & Brown Inc.
\*\*WALLACE O. LEONARD, INC.
Minatron Corp.
Rollan Co., The
Servonic Instruments, Inc.
Southwestern Industrial Electronics Co.
Ultradyne, Inc.
U. S. Gauge Div.-American Machine & Metals,
Inc.
Wauch Engrg, Co. U. S. Gauge Inc. Waugh Engrg. Co.

# Flow

Acoustica Associates, Inc. Brooks Rotameter Co.

Crescent Engrg. & Research Co.
Dynametrics Corp.
Dynamic Instrument Co., Inc.
Flow Corp.
Gilmore Industries Inc.
Hagan Chemicals & Controls Inc.
\*WALLACE O. LEONARD, INC.
George L. Nankervis Co.
Potter Aeronautical Corp.
Southwestern Industrial Electronics Co.
Trans-Sonics, Inc.
Ultradyne, Inc.
Waugh Engrg. Co.

# Industrial

Acoustica Associates, Inc.
Baird-Atomic, Inc.
Cleveland Instrument Co.
Crescent Engrg. & Research Co.
Daytronic Corp.
Dynametrics Corp.
Dynamic Instrument Co., Inc.
Electro Products Labs., Inc.
Haller Raymond & Brown Inc.
Minneapolis-Honeywell Regulator Co., Boston
Div.
Minneapolis-Honeywell Regulator Co., Indust.
Div. Minneapous ...
Div.
George L. Nankervis Co.
Narda Ultrasonics Corp., The
Servonic Instruments, Inc.
Southwestern Industrial Electronics Co.
Ultradyne, Inc.

#### Measurement

Acoustica Associates, Inc.
Aeronca Mfg. Corp.
Chesapeake Instrument Corp.
Cleveland Instrument Co.
G. L. Collins Corp.
Consolidated Electrodynamics Corp.
Crescent Engra, & Research Co.
Daytronic Corp.
Dynametrics Corp.
Dynametrics Corp.
Dynamic Instrument Co., Inc. - 5
Edcliff Instruments
Electro Products Labs., Inc.
Greenleaf Mfg. Co., The, Div. Mandrel Industries Inc. Greenleaf Mrg. Co., Ine, Div. Mandrel Industries Inc.
Haller Raymond & Brown Inc.
\*\*WALLACE O. LEONARD; INC.
Minneapolis-Honeywell Regulator Co., Boston Minneapolis-Honeywell Regulation Div.
Roflan Co., The
Sub.-Bendix Aviation Corp.
Ultradyne, Inc.

#### Pressure

ARO Equipment Corp., The Atlantic Research Corp.
BJ Electronics, Borg-Warner Corp.
BJ Electronics & Graden Corp., Electronics & Instrumentation Divs.
Computer Instruments Corp.
Consolidated Electrodynamics Corp.
Crescent Engrg. & Research Co.
Datran Electronics, Div.—Mid-Continent Mfg., Inc. Inc.,
Daytronic Corp.
Henry G. Dietz Co., Inc., The
Dynametrics Corp.
Dynamic Instrument Co., Inc.
Edcliff Instruments
Thomas A. Edison Ind., Instrument Div.—McGraw-Edison Co.
Endevo Corp.
Fairchild Controls Corp., Components Div.
Fischer & Porter Co.
Friez Instrument Div.-Bendix Aviation Corp.
FGARREIT CORP., THE, AIRESEARCH MFG, DIVS.
Gilmore Industries Inc.
Greenleaf Mfg. Co., The, Div.-Mandrel Industries Inc. Greenleat Mtg. Co., The, Div.-Mandrel Industries Inc.
Gulton Industries, Inc.
Hagen Chemicals & Controls, Inc.
Haller Raymond & Brown Inc.
Kollsman Instrument Corp., Sub.-Standard Coil
Products Co. Inc.
\*WALLACE O. LEONARD, INC.
Minneapolis-Honeywell Regulator Co., Indust.
Div.
Photogon Research Products Photocon Research Products Photocon Research Products
Roflan Co., The
Servonic Instruments, Inc.
Task Corp.
Trans-Sonics, Inc.
Ultradyne, Inc.
United Control Corp.
U. S. Gauge Div., American Machine & Metals,
Inc. Vap-Air Div., Vapor Heating Corp.

#### Sonar

Acoustica Associates, Inc. Atlantic Research Corp. Chesapeake Instrument Corp. Curtiss-Wright Corp., Industrial & Scientific Products Div.

Gulton Industries, Inc. Haller Raymond & Brown Inc. Massa Labs., Inc. Southwestern Industrial Electronics Co.

# Strain

Instrumentation Divs,
Centronix Inc.
Consolidated Electrodynamics Corp.
Crescent Engrg. & Research Co.
Daytonic Corp.
Dynamic Instrument Co., Inc.
Gilmore Industries Inc.
Gulton Industries, Inc.
Southwestern Industrial Electronics Co.,
Task Corp.

# Temperature

Allegany Instrument Co., Inc. Arnoux Corp. Atlantic Instrument Corp., Sub.-American Elec-Arnoux Corp., Arnoux Corp., Atlantic Instrument Corp., Sub.-American Electronics, Inc.
Cardinal Instrumentation Corp.
Thomas A. Edison Ind., Instrument Div.—
McGraw-Edison Co.
Electronic Processes Corp. of California Fenwal Inc.
Flow Corp.
\*GAREIT CORP., THE, AIRESEARCH MFG. DIVS.
Gilmore Industries Inc.
Hagan Chemicals & Controls, Inc.
Haller Raymond & Brown Inc.
Leeds & Northrup Co.
Lewis Engrg. Co., The
Minneapolis-Honeywell Regulator Co., Indust.
Div.
Rosemount Engrg. Co.
Thermo Electric Co., Inc.
Trans-Sonics, Inc.
United Control Corp.
Vap-Air Div., Vapor Heating Corp.
Victory Engineering Corp.

# Vibration

Atlantic Research Corp.
Calidyne Co., Inc., The
Chesapeake Instrument Corp.
Columbia Research Labs.
Consolidated Electrodynamics Corp.
Edcliff Instruments
Electro Products Labs., Inc. Electro Products Labs., Inc.
Endevoc Ocrp.
Gilmore Industries Inc.
Guiton Industries, Inc.
Gerard C. Leeds Co., Inc.
MB Mfg. Co.
Massa Labs., Inc.
Southwestern Industrial Electronics Co.

# TRANSFORMER WINDINGS

RANSFORMER WINDINGS

A. P. W. Co.
Advance Industries, Inc.
Advanced Electronics, Inc.
Central Coil Co. Inc.
Central Transformer Co.
Electrical Windings, Inc.
Electro Engrg, Works
Ferranti Electric Inc.
General Railway Signal Co.
Green Rectifier Co.
Green Rectifier Co.
Grided Missile Div.-De Havilland Aircraft of
Canada, Ltd.
Highland Engrg, Co.
Mara Electronics, Inc.
Microtran Co, Inc.
J. J. Monaghan Co., Inc.
Multi-Amp Corp.
National Coil Co.
New York Transformer Co. Inc.
Osborne Electronic Sales Corp.
Quick Charge Corp.
Ram Electronics Inc.
Ryan Aeronautical Co.
Saratoga Industries
Sioux Radio Products
Southwestern Industrial Electronics Co.
Tresco, Inc.
Varo Mig. Co.
Vibration Research Labs., Inc.
Warren Transformer Co., Inc.

# TRANSCEIVERS

Adler Electronics, Inc.
Amelco, Inc., Inc.
Amelco, Inc., Inc.
American Electronics, Inc.
Electronics Dept., Hamilton Standard Div.,
United Aircraft Corp.
General Railway Signal Co.
Haller Raymond & Brown Inc.
Munston Mfg. & Service, Inc.
National Electronics Laboratories, Inc.
Production Research Corp.
\*\*RESEARCH & ADVANCED DEVELOPMENT DIV.,
AVCO MFG. CORP.
Stewart-Warner Corp.
Stromberg-Carlson, Electronics Div.
Terminal Radio Corp. Adler Electronics, Inc.

#### Portable

Amelco, Inc.
Bendix Radio Div.-Bendix Aviation Corp.
Haller Raymond & Brown Inc.
International Research Associates
Munston Mfg. & Service, Inc.
Production Research Corp.
\*\*RESEARCH & ADVANCED DEVELOPMENT DIV.,
AVCO MFG. CORP.
Stewart-Warner Corp.
Stromberg-Carlson, Electronics Div.
Terminal Radio Corp.

#### Uhf

Adler Electronics, Inc.
Amelco, Inc.
Haller Raymond & Brown Inc.
Magnavox Co., The
\*\*SEEBURG CORP. THE
Stewart-Warner Corp.
Stromberg-Carlson, Electronics Div.
Terminal Radio Corp.

# Vhf

Adler Electronics, Inc. Adler Electronics, Inc.
Amelco, Inc.
Bendix Radio Div.-Bendix Aviation Corp.
Haller Raymond & Brown Inc.
National Electronics Laboratories, Inc.
Production Research Corp.
\*SEEBURG CORP., THE
Stewart-Warner Corp.
Stromberg-Carlson, Electronics Div.
Terminal Radio Corp.
Varo Mfg. Co.

# TRANSDUCERS, ACCELEROMETER

American Electronics, Inc., Data-Tronics Div. By Electronics, Borg-Warner Corp. Columbia Research Labs. Consolidated Electrodynamics Corp. Ecs Corp. Edcliff Instruments Edcliff Instruments
Endevco Corp.
\*GARRETT CORP., THE, AIRESEARCH MFG. DIVS.
Gates Electronic Co.
Gulton Industries, Inc. \*WALLACE O. LEONARD, INC.
Massa Labs., Inc.
Minneapolis-Honeywell Regulator Co., Boston Div.
Terminal Radio Corp.
Ultradyne, Inc.
Vap-Air Div., Vapor Heating Corp.

### **TRANSFORMERS**

United Transformer Corp.
Varo Mfg. Co.
Vibration Research Labs., Inc.
Warren Transformer Co., Inc.
Wheeler Electronic Corp., Sub.—Sperry Rand

# Output

Aume Electric Corp.
Acro Products Co.
Advance Industries, Inc.
Bogue Electric Mfg., Co.
Carad Corp.
Celco-Constantine Engrg, Laboratories Co.
Central Transformer Co.
Chicago Electronic Engrg, Co., Inc.
Chicago Standard Transformer Corp.
Cycle Transformer Corp.
Ess Corp. Chicago Electronic Engrg. Co., Inc.
Chicago Standard Transformer Corp.
Cycle Transformer Corp.
Ecs Corp.
Electrical Windings, Inc.
Electro Engrg. Works
Electronic Transformer Co., Inc.
Ferranti Electric Inc.
Georator Corp.
Goslin Electric & Mrg. Co.
Guided Missile Div.-De Havilland Aircraft of
Canada, Ital.
Gullon Industris, Inc.
Hermetic Seal Transformer Co., Div.-Southwestern
Industrial Electronics
Highland Engrg. Co.
Hindle Transformer Co. Inc.
Lavoie Labs., Inc.
Mana Electronics, Inc.
Mana Electronics, Inc.
Mana Electronics, Inc.
Multi-Amp Corp.
Mu Ryan Aeronautical Co.
Saratoga Industries
Southwestern Industrial Electronics Co.
Standard Transformer Co.
Sterling Transformer Gorp.
Sterling Transformer Gorp.
Telectro Industries Corp.
Transformers, Inc.
Transformers, Inc.
Transonic, Inc.
Tresco, Inc.
United Transformer Corp.
Varo Mig. Co.
Warren Transformer Co., Inc.
Wheeler Electronic Corp., Sub.—Sperry Rand
Corp.

#### Power

Acme Electric Corp.
Advance Industries, Inc.
Bogue Electric Mfg., Co.
Celco-Constantine Engrg. Laboratories Co.
Central Coil Co. Inc.
Central Transformer Co.
Chicago Electronic Engrg. Co., Inc.
Chicago Standard Transformer Corp.
Coil Co. of America
Cycle Transformer Corp.
Eclipse-Pioneer Div., Bendix Aviation Corp.
Eisler Engrg. Co., Inc.
Electrical Windings, Inc.
Electrical Windings, Inc.
Electrical Flagge Co., Inc.
General Electric Co., Apparatus Sales Div.
General Electric Co., Apparatus Sales Div.
General Electric & Mfg. Co.
Gosilin Electric & Mfg. Co.
Gosilin Electric & Mfg. Co.
Green Rectifier Co.,
Guided Missile Div. De Havilland Aircraft of Canada, Ltd.
Gulton Industries, Inc.
Hermetic Seal Transformer Co., Div.-Southwestern Industrial Electronics
Highland Engrg. Co.
Hindle Transformer Co. Inc.
Lavoie Labs., Inc.
Mara Electronics, Inc.
Mara Electronics, Inc.
Multi-Amp Corp.
Multi-Amp Corp.
Multi-Amp Corp.
Multi-Amp Corp.
Ram Electronics Co., Inc.
NYT Electronics Co., Inc.
NYT Electronics, Inc.
Nyt Coil Co., Inc.
New York Coil Co., Inc.
New York Coil Co., Inc.
New York Coil Co., Inc.
Saraloga Industrias Electronics Co.
Standard Transformer Co., Inc.
Saraloga Industrias Electronics Co.
Standard Transformer Corp.
Superior Electronic Corp.
Iransformers, Inc.
Iransformer, Inc.
Iransformer Corp.
Iransformers, Inc.
Irans

Tresco, Inc.
United Transformer Corp.
Varo Mfg. Co.
Vibration Research Labs., Inc.
Warren Transformer Co., Inc.
\*WESTINGHOUSE ELECTRIC CORP.
Wheeler Electronic Corp., Sub.—Sperry Rand
Corp.

# Precision Voltage Dividing

Acromag, Inc.
Carad Corp.
Celco-Constantine Engrg. Laboratories Co.
Coil Co. of America
Cycle Transformer Corp.
ECS Corp.
Ferranti Electric Inc.
Gertsch Products Inc.
Goslin Electric & Mfg. Co.
Gulton Industries, Inc.
Hermetic Seal Transformer Co., Div. Southwestern Industrial Electronics
Highland Engrg. Co.
Magnetico, Inc. Highland Engrg. Co.
Magnetico, Inc.
Microtran Co. Inc.
J. J. Monaghan Co., Inc.
New York Transformer Co. Inc.
Osborne Electronic Sales Corp.
Ryan Aeronautical Co.
Saratoga Industries
Southwestern Industrial Electronics Co.
Telectro Industries Corp.
Terminal Radio Corp.
Transformers, Inc.
Transonic, Inc.
Tresco, Inc.
United Transformer Corp.
Varo Mig. Co. Wheeler Electronic Corp., Sub.-Sperry Rand

Pulse Acme Electric Corp.
Advance Industries, Inc.
Aladdin Electronics, Div. Aladdin Industries Inc.
Aladdin Electronics, Div. Aladdin Industries Inc.
Alto Scientific Co., Inc.
Carad Corp.
Celco-Constantine Engrg. Laboratories Co.
Chicago Standard Transformer Corp.
Coll Co. of America
Cycle Transformer Corp.
Digitronics Corp.
ECS Corp.
Electronic Transformer Co., Inc.
Epsco Inc. ECS Corp.
Electronic Transformer Co., Inc.
Epsco Inc.
Epsco Inc.
Fugle-Miller Labs. Inc.
Goslin Electric & Mfg. Co.
Gulton Industries, Inc.
Hermetic Seal Transformer Co., Div.-Southwestern Industrial Electronics
Lavoie Labs., Inc.
Microtran Co. Inc.
J. J. Monaghan Co., Inc.
NYT Electronics, Inc.
New York Transformer Co. Inc.
Orbitran Co., Inc.
Osborne Electronic Sales Corp.
Ram Electronics Inc.
Ryan Aeronautical Co.
Saratoga Industries
Southwestern Industrial Electronics Co.
Sterling Transformer Corp.
Technitrol Engrg. Co.
Telectro Industries Corp.
Terminal Radio Corp.
Transformers, Inc. Terminal Radio Corp.
Transformers, Inc.
Transonic, Inc.
Transonic, Inc.
United Transformer Corp.
Varo Mfg. Co.
Warren Transformer Co., Inc.
Wheeler Electronic Corp., Sub.-Sperry Rand
Corp.
Wright Zimmerman, Inc.

Advance Industries, Inc.
Aladdin Electronics, Div.-Aladdin Industries Inc.
Carad Corp.
Fugle-Miller Labs. Inc.
Goslin Electric & Mrg. Co.
Gulton Industries, Inc.
Hermetic Seal Transformer Co.,
western Industrial Electronics
J.-V-M Microwave Co.
Lenkurt Electric Co., Inc.
J. J. Monaghan Co., Inc.
NYT Electronics, Inc.
NYT Electronics, Inc.
North Hills Electric Co., Inc.
North Hills Electric Co., Inc.
North Hills Electric Co., Inc.
Rew York Coil Co.,
Radio Industries, Inc.
Ram Electronics Inc.
Ryan Aeronautical Co.
Sioux Radio Products
Southwestern Industrial Electronics Co.
Telectro Industries Corp.
Telectro Industries Corp.
Terminal Radio Corp.
Varo Mrg. Co.
Wheeler Electronic Corp., Sub.-Sperry Rand
Corp. R-F and I-F

# Ultrasonic

Acoustica Assocites, Inc.
Celco-Constantine Engrg. Laboratories Co.
Chicago Standard Transformer Corp.
Coil Co. of America
Cycle Transformer Corp.
Electronic Transformer Co., Inc.
Ferranti Electric Inc.
Goslin Electric R. Mig. Co.
Guiton Industries, Inc.
Hermetic Seal Transformer Co., Div.-Southwestern Industrial Electronics
J. J. Monaghan Co., Inc.
NYT Electronics, Inc.
NATA Ultrasonics Corp., The
New York Transformer Co., Inc.
North Hills Electric Co., Inc.
North Hills Electric Co., Inc.
Southewestern Industrial Electronics Co.
Sterling Transformer Corp.
Telectro Industrial Corp.
Terminal Radio Corp.
Terminal Radio Corp.
Transformers, Inc.
Transnoic, Inc.
United Transformer Corp.
Varo Mig. Co.
Warren Transformer Corp.
Varen Transformer Corp.
Varen Transformer Corp.
Varen Transformer Corp.
Varen Transformer Co., Inc.

# TRANSISTOR ANALYZERS

American Electronics, Inc.

## TRANSISTORS

Bendix Aviation Corp., Red Bank Div.
Bogue Electric Mfg. Co.
Clevite Transistor Products, Div.-Clevite Corp.
Haller Raymond & Brown Inc.
R. I. Metpro, Inc.
Motorola Semiconductor Products Div.
Philco Corp., Government & Industrial Divs.
Stromberg-Carlson, Electronics Div.
Terminal Radio Corp.

## TUBE

Enflo Corp.
Roll Formed Products Co.
Sylvania Electric Products Inc., Parts Div.
Terminal Radio Corp.

# Cooling Units

Beaton & Corbin Mfg. Co., The Dunham-Bush Inc.

\*EASTERN INDUSTRIES, INC.

\*GARRETT CORP., THE, AIRESEARCH MFG. DIVS.

General Cable Corp.

Terminal Radio Corp.

\*UNITED AIRCRAFT PRODUCTS, INC.

# Pin Straighteners

Hickok Electrical Instrument Co., The Star Expansion Products Terminal Radio Corp.

Terminal Radio Corp.

# Seal Leads

Sylvania Electric Products Inc., Parts Div. Terminal Radio Corp.

# Shields

Atlas E-E Corp.
Beaton & Corbin Mfg. Co., The
H. Braun Tool & Instrument Co., Inc.
Connector Corp.
Continental-Diamond Fibre Corp. Sub.—The
Budd Co.
Elco Corp.
Casket, Packing & Specialty Co. Inc.
General Cable Corp.
E. F. Johnson Co.
Paul & Beekman, Inc.
Sylvania Electric Products Inc., Parts Div.
Terminal Radio Corp.
Vector Electronic Co.

## Sockets

Alden Products Co.

Connector Corp.
Elco Corp.
Enflo Corp.
Enflo Corp.
E. F. Johnson Co.
Mycalex Corp. of America
Sylvania Electric Products, Inc., Parts Div.
Terminal Radio Corp.
Vector Electronic Co.
Waldom Electronics, Inc.

# TUBE PARTS

Beaton & Corbin Mfg. Co., The Champion Airquipment, Inc. Diamonite Products Mfg. Co. Gasket, Packing & Specialty Co., Inc. Hamilton Watch Co., Military Products Div. R. I. Metpro, Inc., Roll Formed Products, Inc., Parts Div. Terminal Radio Corp.

#### TUBES

Burroughs Corp.
Central Electronic Mfgrs., Inc.
Continental-Diamond Fibre Corp., Sub.—The
Budd Co.
Haller Raymond & Brown, Inc.
Nuclear Corp. of America, Inc.
Terminal Radio Corp.
United Electronics Co.

Bomac Laboratories, Inc. Central Electronic Mfgrs., Inc. Nuclear Corp. of America, Inc. Terminal Radio Corp.

# Backward Wave

Demornay-Bonardi Geisler Labs.
Nuclear Corp. of America, Inc.
Polarad Electronics Corp.
Terminal Radio Corp.
Wunderlich Radio Co.

Gates Electronic Co. Philco Corp., Lansdale Tube Co., Div. Terminal Radio Corp.

# Battery Charger

Christie Electric Corp.
General Electric Corp.
General Scientific Equipment Co.
Gordos Corp.
Hammett Electric Co.
Terminal Radio Corp.

# Bolometer

Microwave Electronics Div., Sperry Gyroscope Co. Terminal Radio Corp.

# Cathode Ray, Instrument Use

Carnode Ray, Instrument Ose Edgerton, Germeshausen & Grier, Inc. Ferranti Electric, Inc. National Union Electric Corp. Phileo Corp., Lansdale Tube Co., Div. Skiatron Electronics & Television Corp. Terminal Radio Corp. Terminal Radio Corp. \*WESTINGHOUSE ELECTRIC CORP.

# Cathode Ray, Multiple Gun

Skiatron Electronics & Television Corp.
Terminal Radio Corp.
Terminal Radio Corp.
Terminal Radio Corp.
\*WESTINGHOUSE ELECTRIC CORP.

# Ceramic

American Lava Corp.

Bendix Aviation Corp., Red Bank Div.
Edgerton, Germeshausen & Grier, Inc.
Electrical Refractories Co., The
Ferranti Electric, Inc.
Isolantite Mfg. Corp.
Terminal Radio Corp.
United Electronics Co.

# Computer, Storage

National Union Electric Corp. Terminal Radio Corp. Wunderlich Radio Co.

# Counter Beam

Burroughs Corp., Burroughs Corp., Electronic Tube Div. Terminal Radio Corp.

#### Electrometer

Ferranti Electric, Inc. Nuclear Corp. of America, Inc. Terminal Radio Corp.

# Electron Multiplier

National Union Electric Corp. Terminal Radio Corp.

# Gamma Ray, Nuclear

\*ANTON ELECTRONIC LABS., INC. Nation Electronic LASS., Inc. Nuclear Corp. of America, Inc. Radiation Counter Labs., Inc. Terminal Radio Corp.

# Geiger Counter, Nuclear

\*ANTON ELECTRONIC LABS., INC. Baird-Atomic, Inc. Nuclear Corp. of America, Inc. Radiation Counter Labs., Inc. Terminal Radio Corp. Wunderlich Radio Co.

# Geiger Mueller

\*ANTON ELECTRONIC LABS., INC. Baird-Atomic, Inc., Instruments Div.—Philips Electronics, Inc. Nuclear Corp. of America, Inc. Radiation Counter Labs., Inc. Terminal Radio Corp.

# Glow or Discharge

Amglo Corp.

\*ANTON ELECTRONIC LABS., INC.
Baird-Atomic, Inc.
Burroughs Corp., Electronic Tube Div.
Edgerton, Germeshausen & Grier, Inc.
Ferranti Electric, Inc.
Gordos Corp.
Kemlite Laboratories, Inc.
National Union Electric Corp.
Nuclear Corp. of America, Inc.
Philoo Corp., Lansdale Tube Co. Div.
Terminal Radio Corp.
Veeco Vacuum Corp.

# lanitron

Beaton & Corbin Mfg. Co., The Hammett Electric Co. Terminal Radio Corp.
\*WESTINGHOUSE ELECTRIC CORP.

# Infrared

Central Electronic Migrs., Inc.
Electronics Corp. of America
Haller Raymond & Brown, Inc.
Infrared Industries, Inc.
Kemlite Laboratories, Inc.
Nuclear Corp. of America, Inc.
Philco Corp., Government & Industrial Divs.
Terminal Radio Corp.

# Ionization

General Electronic Mfgrs., Inc. NRC Equipment Corp. Nuclear Corp. of America, Inc. Terminal Radio Corp. Vacuum Tube Products Co., Inc. Veeco Vacuum Corp.

# Klystron

Bendix Aviation Corp., Red Bank Div. Bomac Laboratories, Inc. Demornay-Bonardi Ferranti Electric, Inc. Geisler Labs. Georator Corp. Hammett Electric Co. Polarad Electronics Corp. Ryan Aeronautical Co. Terminal Radio Corp.

# Magnetron

Bomac Laboratories, Inc.
Demornay-Bonardi
Ferranti Electric, Inc.
Geisler Labs,
Polarad Electronics Corp.
Terminal Radio Corp.
\*WESTINGHOUSE ELECTRIC CORP.

#### Miniature

National Union Electric Corp. Philco Corp., Government & Industrial Divs. Philco Corp., Lansdale Tube Co. Div. Terminal Radio Corp.

# Noise Source

Bendix Aviation Corp., Red Bank Div. Bomac Laboratories, Inc. Bomac Laboratories, Inc.
Burroughs Corp.
Burroughs Corp., Electronic Tube Div.
Central Electronics Mfrs., Inc.
Demornay-Bonardi
Ferranti Electric, Inc.
Geisler Labs.
Nuclear Corp. of America, Inc.

# . . . test equipment

Philos Corp., Lansdale Tube Co. Div. Terminal Radio Corp.

## Phototubes

Central Electronics Mfrs. Inc., Edgerton, Germeshausen & Grier, Inc., Electron-Rader Products Electronics Corp. of America General Electric Co., Apparatus Sales Div. Gordos Corp., Of America, Inc., Terminal Radio Corp.

# Phototubes, Mutiplier

Jarrell-Ash Co. Terminal Radio Corp.

# Pirani

NRC Equipment Corp.
Terminal Radio Corp.
Vacuum Tube Products Co., Inc.
Veeco Vacuum Corp.

# Power Amplifier

Bendix Aviation Corp., Red Bank Div.
Central Electronics Mirs., Inc.
Nuclear Corp. of America, Inc.
Philco Corp., Government & Industrial Divs.
Philco Corp., Lansdale Tube Co. Div.
Terminal Radio Corp.
United Electronics Co. United Electronics Co.
\*WESTINGHOUSE ELECTRIC CORP.

# Projection

\*BAUSCH & LOMB OPTICAL CO. National Union Electric Corp. Terminal Radio Corp.

# Receiving

Bendix Aviation Corp., Red Bank D'v. National Union Electric Corp. Philoc Corp., Government & Industrial Divs. Philoc Corp., Lansdale Tube Co. Div. Terminal Radio Corp. Terminal Radio Corp.

\*WESTINGHOUSE ELECTRIC CORP.

# Rectifying

Bendix Aviation Corp., Red Bank Div. Central Electronics Mfrs., Inc. Edgerton, Germeshausen & Grier, Inc. Gates Electronic Co. Gates Electronic Co.
Gordos Corp.
Hammett Electric Co.
Instruments Div.—Philips Electronics, Inc.
National Union Electric Corp.
Nuclear Corp. of America, Inc.
Philico Corp., Government & Industrial Divs.
Philico Corp., Lansdale Tube Co. Div.
Terminal Radio Corp.
United Electronics Co.
Vacuum Tube Products Co. Inc.
\*WESTINGHOUSE ELECTRIC CORP.

# Scintillation

Baird-Atomic, Inc. Radiation Counter Labs., Inc. Terminal Radio Corp. \*WESTINGHOUSE ELECTRIC CORP.

# Sparkgap

Bendix Aviation Corp., Red Bank Div. Edgerton, Germeshausen & Grier Inc. Kemlite Laboratories, Inc. Terminal Radio Corp.

# Strobe

Amglo Corp.
Edgerton, Germeshausen & Grier Inc.
Kemlite Laboratories, Inc.
Terminal Radio Corp.

# Subminiature

Bendix Aviation Corp., Red Bank Div. Philco Corp., Government & Industrial Divs. Philco Corp., Lansdale Tube Co. Div. Terminal Radio Corp.

# Switching

Bendix Aviation Corp., Red Bank Div.
Burroughs Corp.,
Burroughs Corp., Electronic Tube Div.
Central Electronics Mfrs., Inc.
Ebert Electronics Corp.
Edgerton, Germeshausen & Grier, Inc.
National Union Electric Corp.
Nuclear Corp. of America, Inc.
Terminal Radio Corp.
Vacuum Tube Products Co., Inc.

# Thyratron

Edgerton, Germeshausen & Grier, Inc.
Nuclear Corp. of America, Inc.
Philico Corp., Goovernment & Industrial Divs.
Philico Corp., Lansdale Tube Co. Div.
Terminal Radio Corp.
United Electronics Co.
Vacuum Tube Products Co., Inc.

Bomac Laboratories, Inc. Central Electronics Mfrs., Inc. Ferranti Electric, Inc. Nuclear Corp. of America, Inc. Terminal Radio Corp.

#### Transducer

Terminal Radio Corp.

# Transmitting

Central Electronics Mfrs., Inc National Union Electric Corp. Nuclear Corp. of America, Inc. Ryan Aeronautical Co. Terminal Radio Corp. United Electronics Co. \*WESTINGHOUSE ELECTRIC CORP.

# Transmitting-Receiving

Central Electronics Mfrs., Inc. Nuclear Corp. of America, Inc. Terminal Radio Corp. United Electronics Co.

# Ultra-Violet

Baird-Atomic, Inc. Gordos Corp. Kemlite Laboratories, Inc. Menlo Research Lab. Terminal Radio Corp. Ultra-Violet Products, Inc.

# Vacuum

Bendix Aviation Corp., Red Bank Div.
Burroughs Corp., Electronic Tube Div.
Central Electronics Mris., Inc.
National Union Electric Corp.
Nuclear Corp. of America, Inc.
Terminal Radio Corp.
United Electronics Co.
Vacuum Tube Products Co., Inc.
\*WESTINGHOUSE ELECTRIC CORP.

# Voltage Reference or Regulating

\*ANTON ELECTRONIC LABS., INC.
Bendix Aviation Corp., Red Bank Div.
R. C. Dudek & Co.
John. Fluke Mfg. Co., Inc.
National Union Electric Corp.
Philoo Corp., Government & Industrial Divs.
Superior Electric Co., The
Terminal Radio Corp.

# X-Ray

Bracke-Seib X-Ray Co., Inc.
Ferranti Electric, Inc.
Hammett Electric Co.
Instruments Div.—Philips Electronics, Inc.
St. John X-Ray Laboratory
Terminal Radio Corp.
\*WESTINGHOUSE ELECTRIC CORP.

# **TUNERS**

Amelco, Inc.
Bogart Mfg. Corp.
Browning Laboratories, Inc.
Electronic Communications, Inc.
P. R. Mallory & Co., Inc.
Technical Oil Tool Corp.
Terminal Radio Corp.

Amelco, Inc. Browning Laboratories, Inc. Polarad Electronics Corp. Telectro Industries Corp. Terminal Radio Corp.

#### Automatic

Amelco, Inc.
Browning Laboratories, Inc.
Electronic Communications, Inc.
P. R. Mallory & Co., Inc.
Polarad Electronics Corp.
Telectro Industries Corp.
Terminal Radio Corp.

Amelco, Inc. Browning Laboratories, Inc. P. R. Mallory & Co., Inc. Polarad Electronics Corp.

Telectro Industries Corp. Terminal Radio Corp.

# Klystron

Aircom, Inc.
Bendix Aviation Corp., York Div.
Demornay-Bonardi
Empire Products Sales Corp.
Polarad Electronics Corp.
Ryan Aeronautical Co.
Technical Oil Tool Corp.
Telectro Industries Corp.
\*\*TELERAD MFG. CORP.
Terminal Radio Corp.

#### Microwave

MICROWAVE

Aircom, Inc.
Airtron, Inc.
Bendix Aviation Corp., York Div.
Bogart Mfg. Corp.
\*\*DALMO VICTOR CO., DIV.—TEXTRON, INC.
Demonay-Bonardi
Douglas Microwave Co., Inc.
Electronic Communications, Inc.
Empire Products Sales Corp.
John Gombos Co., Inc.
J.V-M Microwave Co., Microwave Electronics Div., Sperry Gyroscope Co.
Microwave Electronics Div., Sperry Gyroscope Co.
Narda Microwave Corp., The
Polarad Electronics Corp.
Radar Design Corp.
Technical Oil Tool Corp.
Telectro Industries Corp.
Terminal Radio Corp.
Terminal Radio Corp.
Uniwave, Inc.
Vectron, Inc.

# Permeability

J-V-M Microwave Co. Telectro Industries Corp. Terminal Radio Corp.

# Tuning Units, Antenna

Amelco, Inc.
\*DALMO VICTOR CO., DIV.—TEXTRON, INC.
Empire Products Sales Corp.
Telectro Industries Corp.
Terminal Radio Corp.

Aircom, Inc.
Amelco, Inc.
Electronic Communications, Inc.
Electronic Sales Corp.
J.V.M Microwave Co.
J.V.M Microwave Co.
J.R. Mallory & Co., Inc.
Narda Microwave Corp., The
Polarad Electronics Corp.
Radar Design Corp.
Technical Oil Tool Corp.
Telectro Industries Corp.
Terminal Radio Corp.

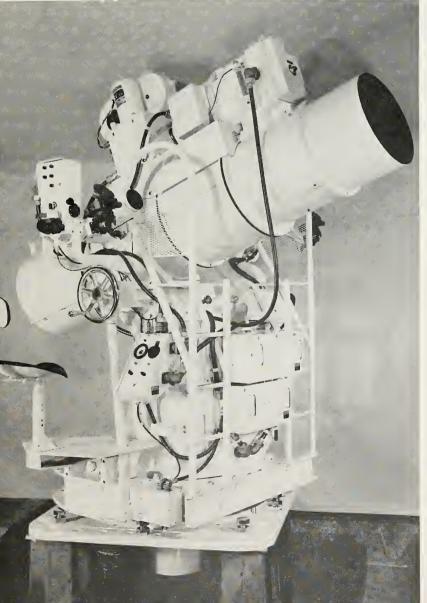
# ULTRASONIC EQUIPMENT

Acoustica Associates, Inc.
Alcar Instruments, Inc.
Amelco, Inc.
Arenberg Ultrasonic Laboratory, Inc.
Arthantic Research Corp.
Branson Instruments, Inc.
J. W. Dice Co.
Du Kane Corp.
General Kinetics, Inc.
General Nuclear Corp.
Gulton Industries, Inc.
Haller Raymond & Brown, Inc.
\*\*KAHN & CO., INC.
Gerard G. Leeds Co., Inc.
Massa Labs., Inc.
McKenna Labs.
John B. Moore Corp.
Narda Ultrasonics Corp., The
Photocon Research Products
Pioneer-Central Div., Bendix Aviation Corp.
Sheffield Corp., The, Sub.—Bendix Aviation Corp.
Tielectro Industries Corp.
Thieblot Aviation Co., Div.—Vitro Corp. of
America

# WIND TUNNELS

\*AMERICAN MACHINE & FOUNDRY CO. \*AMERICAN MACHINE & FOUNDRY CO.
Coleman Engrg. Co., Inc.
Davidson Mfg. Co.
G. M. Dykes Iron Works, Inc.
Dynametrics Corp.
Flow Corp.
General Sound Control, Inc.
International Radiant Corp.
McDowell Co., Inc.
Tenney Engrg., Inc.
Thieblot Aviation Co., Div.—Vitro Corp. of
America
Thompson-Ramo-Wooldridge Products Co., The
\*WESTINGHOUSE ELECTRIC CORP.

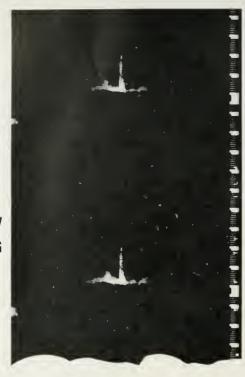
# TRACKING AND TELEMETERING EQUIPMENT



These devices (optical, electronic, or both) follow a missile in flight and report on how it is actually functioning internally. This equipment includes telemetry, radio, radar and optical devices.

# "Take 1"

CAMERA: THE NEW MOD V
70-mm MISSILE TRACKING



Film: 70-mm LINAGRAPH SHELLBURST LENS: KOdak Aero-Ektar; focal length 20-inch; lens stop, f8; range, 2000 feet approx. Range: 2000 ft. Camera Speed: 10 frames/second. Shutter: 45° opening Subject: EXPLORER I, initial flight stage, Cape Canaveral, Fla. Date: Jan. 31, 1958 Time: 10:58 PM

That one "first take" has to be right for missile tracking ... because there can't be any second trys or retakes!

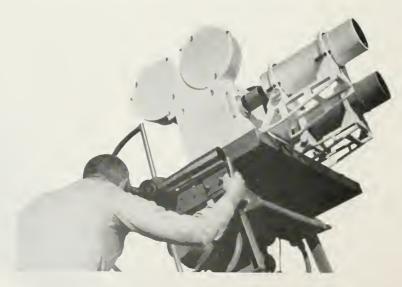
And the new Flight Research 70-mm tracking camera is your best assurance of a good take, every time. This exact-size film strip proves the performance of this MULTIDATA\*Mod V 70-mm—the camera that was designed specifically for missile tracking purposes.

The greater dimensions of the 70-mm field are available now for surer following of the target. The far longer range permits observation of the missile's path for greater distances. Detail is excellent, and image resolution unsurpassed.

Flight Research's unique film transport device eliminates the vibration that has plagued previous attempts to produce a satisfactory big-field data camera, and the registration pins guarantee exact frame-to-frame alignment while holding the film completely at rest during exposure.

The Mod V 70-mm is the newest member of the Flight Research advanced line of data cameras. For full information on the new Mod V, and on other photographic instrumentation equipment, call or write our engineering applications staff.

\*TM



FLIGHT RESEARCH

P. O. Box 1-F, 5 Byrd Field Richmond 1, Virginia

# The CAMERA

MULTIDATA Mod V 70-mm
Designed for missile-tracking and other extraordinary technical requirements.
Film speeds: 10 to 60 frames/second.
Film capacity: 1000 feet.
Choice of lens equipment.
Shutter adjustable: 0° to 120°.
Absolute frame-to-frame alignment.
Can be synchronized with other cameras.
Timing lights for coding with millisecond accuracy.

# TRACKING AND

# TELEMETERING EQUIPMENT

# **ABSORBERS**

ABSORBERS

Cleveland Pneumatic Tool Co., The, Div. —
Cleveland Pneumatic Industires, Inc.
Continental-Diamond Fibre Corp., Sub.—The
Budd Co.
Dwyer Engrac. Co., Inc.
Emerson & Cuming, Inc.
Farnsworth Electronics Co., Div.—Int'l Telephone
& Telegraph Corp.
Filmohn Corp.
Filmohn Corp.
FORDULICS DIV.
K. W. Johnson & Co., Inc.
McMillan Inustrial Corp.
Menasco Mig. Co.
Metavac, Inc.
Patierson Fourry & Machine Co., The
Telectro Industries Corp.

# **ACCUMULATORS**

ACCUMULATORS

Applied Dynamics Corp.
Baird-Atomic, Inc.
Cleveland Pneumatic Industries, Inc.
Cleveland Pneumatic Industries, Inc.
\*COOPER DEVELOPMENT CORP.
\*PUIVENSEY ENGRG. CORP.
Hydra-Power Corp.
Kemp Aero Products, Div.—Kemp, Inc.
Menasco Mfg. Co.
Ozone Metal Products Corp.
Parker-Hannifin Corp.
Pyles Industries, Inc.
Vickers, Inc., Div.—Sperry Rand
\*VICKERS, INC., MARINE & ORDNANCE DEPT.,
MACHINERY HYDRAULICS DIV.
Vinson Mfg. Co., Inc.
Waldorf Instrument Co., Div.—F. C. Huyck &
Sons

# ACTUATORS, ELECTRIC

ACTUATORS, ELECTRIC

\*ADVANCE GEAR & MACHINE CORP.
Airborne Accessories Corp.
American Electronics, Inc.,
American Electronics, Inc.,
American Electronics, Inc.,
Applied Dynamics Corp.
Barber-Colman Co.
Joe Davidson & Associates
Eclipse-Pioneer Div., Bendix Aviation Corp.
Electronics Dept., Hamilton Standard Div.,
United Aircraft Corp.
Exact Engrg. & Mig., Inc.,
Foote Brothers Gear & Machine Corp.
Exact Engrg. & Mig., Inc.,
Foote Brothers Gear & Machine Corp.
Gearriconics Corp.
Gearriconics Corp.
General Nuclear Corp.
\*A. W. HAYDON CO., THE
Hoever Electric Co.
\*Lyndon Aircraft, Inc.,
\*MISSILE COMPONENTS GROUP, ELECTROSNAP SWITCH & MFG. CO.
Servomechanisms, Inc., Mechatrol Div.
Talley Corp., The
Task Corp.
\*WESTINGHOUSE ELECTRIC CORP.

Alden Products Co.

\*AMERICAN MACHINE & FOUNDRY CO.
Defiance Engrg. & Microwave Corp.
Electric Auto-Lite Co., The
General R-F Fittings, Inc.
Telectro Industries Corp.
Winder Aircraft Corp. of Fla.

Battery

Arrolly
General R-F Fittings, Inc.
Telectro Industries Corp.
Winder Aircraft Corp. of Fla.

Crystal

General R-F Fittings, Inc. Telectro Industries Corp. Western International Co.

# Field Sequential

General R-F Fittings, Inc. Skiatron Electronics & Television Corp. Telectro Industries Corp.

# Foreign

Kulka Electric Corp. Skiatron Electronics & Television Corp. Telectro Industries Corp.

Line & Dot Sequential

Skiatron Electronics & Television Corp.
Telectro Industries Corp.

Skiatron Electronics & Television Corp. Telectro Industries Corp. Varo Mfg. Co.

# Plug

Alden Products Co. Coaxial Connector Co., Inc. Kulka Electric Corp. Telectro Industries Corp.

#### Tube

Alden Products Co. Hickok Electrical Instrument Co., The Telectro Industries Corp.

# Tube Socket

Alden Products Co.
Hickok Electrical Instrument Co., The
Pomona Electronics Co., Inc.
Sylvania Electrical Products, Inc., Paris Div.
Telectro Industries Corp.
Vector Electronic Co.

# ALARM SYSTEMS

ALARM SISIEMS

Briggs Associates, Inc.
Browning Laboratories, Inc.
Devco Engrg, Inc.
Femwal, Inc.
Fischer & Porter Co.
Hallamore Electronics Co.
\*KAAN & CO., INC.
Gerard G. Leeds Co., Inc.
Lumen, Inc.
Optimized Devices, Inc.
Star Engraving Co., Ltd.
Telectro Industries Cop.
Thompson-Ramo-Wooldridge Products Co., The
Vap-Air Div., Vapor Heating Corp.
Victor Electric Wire & Cable Corp.

## **ALTERNATORS**

ALIERNAIURS

American Electronics, Inc.
Bendix Aviation Corp., Red Bank Div.
Joe Davidson & Associates

\*GARRETT CORP., THE, AIRESEARCH MFG. DIVS.
General Electric Co., Apparatus Sales Div.
Georator Corp.
Guided Missile Div.—De Havilland Aircraft of
Canada, Ltd.

\*INTERELECTRONICS CORP.
Motoresearch Co.
Talley Corp., The
Task Corp.,
Varo Mfg. Co.

\*WESTINGHOUSE ELECTRIC CORP.
Wincharger Corp.

# ALTIMETERS, BAROMETRIC PRESSURE

\*GARRETT CORP., THE, AIRESEARCH MFG. DIVS. Hallamore Electronics Co. Instruments Corp., The \*WALLACE O. LEONARD, INC. Pioneer-Central Div., Bendix Aviation Corp. Scientific Instrument Co.

# ALTIMETERS, RADIO AND RADAR

\*COOPER DEVELOPMENT CORP. COOPER DEVELOPMENT CORP.

Electronic Communications, Inc.
Gray Mfg. Co., The
Hallamore Electronics Co.
Haller Raymond & Brown, Inc.
Lear, Inc., Grand Rapids Div.
W. L. Maxson Corp., The
Pacific Div.—Bendix Aviation Corp.
Ralph M. Parsons Co., The, Electronics Div.
Ryan Aeronautical Co.
Skiatron Electronics & Television Corp.
Sylvania Electronic Systems, Div.—Sylvania Electric
Products, Inc.
Telectro Industries Corp.

# **AMMETERS**

Alto Scientific Co., Inc. Assembly Products, Inc. Davenport Mfg. Co. Electro Auto-Lite Co., The

Electric Design & Mfg. Co.
Electro-Tech Equipment Co.
Hammett Electric Co.
Helipot Corp.
General Electric Co., Apparatus Sales Div.
Gerard G. Leeds Co., Inc.
Meters, Inc.
National Coil Co.
Simpson Electric Co.
Sun Electric Corp.
Wacline, Inc.

# **AMPLIFIERS**

AMPLIFIERS

Acro Products Co,
Acromag, Inc.
Acton Laboratories, Inc.
Advance Industries, Inc.
Advance Industries, Inc.
Airborne Accessories Corp.
Aircraft Armaments, Inc.
Airtron, Inc.
Allegany Instrument Co., Inc.
American Electronics, Inc., Data-Tronics Div.
Applied Research, Inc.
Arenberg Ultrasonic Laboratory, Inc.
Baird-Atomic, Inc.
Bogue Electric Mig. Co.
Brush Instruments, Div.—Clevite Corp.
Centronix, Inc.
Centronix, Inc.
Centronix, Inc.
Consolidated Airborne Systems, Inc.
Consolidated Airborne Systems, Inc.
Consolidated Airborne Systems, Inc.
Consolidated Airborne Corp.
Consolidated Airborne Corp.
Consolidated Airborne Corp.
DATA-CONTROL SYSTEMS, INC.
Daven Co., The
Du Kane Corp.
Dynamics Instrumentation Co., Div.-Alberhill
Corp.
Dynamics Instrumentation Co., Div.-Alberhill
Corp.
Electronic Assembly Co., Inc.
Feedback Controls, Inc.
Gray Mig. Co., The
Hallamore Electronics Co.
Haller Raymond & Brown, Inc.
Heiland Div.—Minneapolis-Honeywell
Highland Engr. Co.
Hoover Electronics Co.
\*INITERELECTRONICS CORP.
Jordan Electronics, Div.—Victoreen Instrument
Co.
Keithley Instruments, Inc.
La Pointe Industries, Inc.
Lear, Inc., Grand Rapids Div.
Gerard G. Leeds Co., Inc.
Lear, Inc., Grand Rapids Div.
Gerard G. Leeds Co., Inc.
Lear, Inc., Grand Rapids Div.
Gerard G. Leeds Co., Inc.
Lear, Inc., Grand Rapids Div.
Gerard G. Leeds Co., Inc.
Lear, Inc., Grand Rapids Div.
Gerard G. Leeds Co., Inc.
Lear, Inc., Grand Rapids Div.
Gerard G. Leeds Co., Inc.
Lear, Inc., Grand Rapids Div.
Gerard G. Leeds Co., Inc.
Lear, Inc., Grand Rapids Div.
Gerard G. Leeds Co., Inc.
Lear, Inc., Grand Rapids Div.
Gerard G. Leeds Co., Inc.
Lear, Inc., Grand Rapids Div.
Gerard G. Leeds Co., Inc.
United Electroics Co.
Owen Labs., Inc., Mechatrol Div.
Simpson Electric Co., Inc., Western Electro-Acoustic Lab.
Westonics, Inc., Wilcox Electric Co., Inc.
Winder Aircraft Corp. of Fla.

ANALYZERS Acro Products Co.

# **ANALYZERS**

ANALYZERS

Advance Industries, Inc.
Analogue Controls, Inc.
Arnoux Corp.
Baird-Atomic, Inc.
Barnes Development Co.
Borush Instruments, Div.—Clevite Corp.
Canoga Corp. of California
Consolidated Electrodynamics Corp.
Dit-Mco, Inc., Electronics Div.
Dynac, Inc.,
Fenske Fedrick & Miller Co.
Haller Raymond & Brown, Inc.
Lear, Inc., Grand Rapids Div.
Librascope, Inc.
Librascope, Inc.
Librascope, Inc.
Mid-Century Instrument Corp.
Reeves Instrument Corp.
Reeves Instrument Corp.
Simpson Electric Co.
Telectron Industries Corp.
Ultradyne, Inc.
Winder Aircraft Corp. of Fla.

PHOTO ON TRACKING AND TELEMETERING DIVIDER PAGE: Tracking instrument manufactured by J. W. Fecker, Inc. of Pittsburgh, Pa.

# . . . tracking & telemetering

# Capacitor

Barnes Development Co.
Boonton Electronics Corp.
Consolidated Airborne Systems, Inc.
Cornell-Dublier Electric Corp.
Simpson Electric Co.
Telectro Industries Corp.
Winder Aircraft Corp. of Fla.

# Circuit

Advance Industries, Inc.
Bogue Electric Mfg. Co.
California Technical Industries, Div.-Textron,
Inc. Inc. James Cunningham Son & Co., Inc. Dit-Mco. Inc., Electronics Div. Fenske Fedrick & Miller Co. General Electric Co., Apparatus Sales Div. General Electric Co., Apparaiss void-Librascope, Inc., Skiatron Electronics & Television Corp., Skiatron Electronics & Television Corp., Telectro Industries Corp., Westronics, Inc., Winder Aircraft Corp. of Fla.

#### Differential

Analogue Controls, Inc.
Baird-Atomic, Inc.
Baird-Atomic, Inc.
Consolidated Avionics Corp.
General Electric Co., Apparatus Sales Div.
Simpson Electric Co.
Simpson Electronics & Television Corp.
Telectro Industries Corp.
Thompson-Ramo-Wooldridge Products Co., The
Winder Aircraft Corp. of Fla.

# Differential, Computer

Analogue Controls, Inc.
Baird-Atomic, Inc.
Baird-Atomic, Inc.
Briggs Associates, Inc.
Consolidated Avionics Corp.
Electronic Associates, Inc.
Librascope, Inc.
Mid-Century Instrumatic Corp.
Reeves Instrument Corp.
Simpson Electric Co.
Skiatron Electronics & Television Corp.
Telectro Industries Corp.
Thempson-Ramo-Wooldridge Products Co., The
Winder Aircraft Corp. of Fla.

# Digital

Analogue Controls, Inc.
Annoux Corp.
Austin Co., The, Special Devices Div.
Baird-Atomic, Inc.
Benson-Lehner Corp.
Briggs Associates, Inc.
Consoliated Avionics Corp.
Dynac Inc. Consoliated Avionics Corp.
Dynac, Inc.
Erie Resistor Corp.
Librascope, Inc.
Moran Instrument Corp.
Reeves Instrument Corp.
Simpson Electric Co.
Skiafron Electronics & Television Corp.
Telectro Industries Corp.
Winder Aircraft Corp. of Fla.

# Flight

Analogue Controls, Inc. California Technical Industries, Div.—Textron, California Technico Inc.
Inc.
Consolidated Electrodynamics Corp.
Farnsworth Electronics Co., Div.-Int'l Telephone & Telegraph Corp.
Reeves Instrument Corp.
Simpson Electric Co., Skiafron Electric Co., Skiafron Electronics & Television Corp.
Telectro Industries Corp.
Winder Aircraft Corp. of Fla.

# Infrared

Baird-Atomic, Inc.
Farnsworth Electronics Co., Div.-Int'l Telephone
& Telegraph Corp.
Greenbrier Instruments, Inc.
Librascope, Inc.
Perkin-Elmer Corp.
Philoc Corp., Government & Industrial Divs.
Simpson Electric Co.
Telectro Industries Corp.

# Microwave

Airborne Instruments Lab., Inc. Baird-Atomic, Inc. California Technical Industries, Div.—Textron, Inc.

Inc.
\*\*PALMO VICTOR CO., DIV.—TEXTRON, INC.
Demornay-Bonardi
Farmsworth Electronics Co., Div.-Int'l Telephone
& Telegraph Corp.
Microwave Electronics Div., Sperry Gyroscope Co.
Panoramic Radio Products, Inc.
Reeves Instrument Corp.

Ryan Aeronautical Co. Simpson Electric Co. Stavid Engrg., Inc. Technical Oil Tool Corp. Telectrome Mfg. Corp. Telectro Industries Corp. \*TELERAD MFG. CORP.

## Radar

Canga Corp. of California

\*DALMO VICTOR CO., DIV.—TEXTRON, INC.
Farnsworth Electronics Co., Div.-Int'l Telephone
& Telegraph Corp.
Librascope, Inc.
Microwave Electronics Div., Sperry Gyroscope Co.
Reeves Instrument Corp.
Ryan Aeronautical Co.
Simpson Electric Co.
Skiatron Electronics & Television Corp.
Stavid Engrg., Inc.
Telectro Industries Corp.

\*TELERAD MFG. CORP.

# Ultrasonic

Acoustica Associates, Inc.
Curtiss-Wright Corp., Industrial & Scientific
Products Div.
Massa Labs., Inc.
Panoramic Radio Products, Inc.
Simpson Electric Co.
Skietron Electronics & Television Corp.
Telectro Industries Corp.

# Wave

Empire Products Sales Corp.
Kay Electric Co.
Minneapolis-Honeywell Regulator Co.
Panoramic Radio Products, Inc.
Ryan Aeronautical Co.
Simpson Electric Co.
Spectrum Instruments, Inc.
Telectro Industries Corp.
Winder Aircraft Corp. of Fla.

# Waveform

Benson-Lehner Corp.
Canoga Corp. of California
Consolidated Avionics Corp.
Minneapolis-Honeywell Regulator Co.,
Minneapolis-Honeywell Regulator Co., Indust. Div.
Panoramic Radio Products, Inc.
Simpson Electric Co.
Skiatron Electronics & Television Corp.
Spectrum Instruments, Inc.
Telechrome Mfg. Corp.
Telectro Industries Corp.

# **ANNUNCIATORS**

Haller Raymond & Brown, Inc. Optimized Devices, Inc. Telectro Industries Corp.

# ANODES, METAL

Ainslie Corp.

American Brass Co., The Belmont Smelting & Refining Works, Inc. Bram Metallurgical & Chemical Co. Bridgeport Brass Co. Handy & Harman Metals & Controls Corp.

# ANTENNA FEED SYSTEMS

\*AMERICAN MACHINE & FOUNDRY CO.

Airtron, Inc.

\*AMERICAN MACHINE & FOUNDRY CO.

Andrew Corp.
Canaga Corp. of California
Collins Radio Co.

\*PALMO VICTOR CO., DIV.—TEXTRON, INC.
Dayton Aircraft Products, Inc.
Defiance Engrg. & Microwave Corp.
Demonray-Bonardi

\*PORNE & MARGOLIN, INC.
Diamond Antenna & Microwave Corp.
Farnsworth Electronics Co., Div.-Int'l Telephone
& Telegraph Corp.
Gabriel Co., The Gabriel Electronics Div.
Haller Raymond & Brown, Inc.
J-Y-M Microwave Co.

La Pointe Industries, Inc.
Microwave Electronics Div., Sperry Gyroscope Co.
Prodelin, Inc.
Revers instrument Corp.
Revens instrument Corp.
Reyan Aeronautical Co.
Technical Appliance Corp.
Telectro Industries Corp.
\*\*TELERAD MFG. CORP.

Thieblot Aviation Co., Div.—Vitro Corp. of
America.
Transco Products, Inc.
Wind Turbine Co.

ANTENNA FITTINGS AND **ACCESSORIES** 

Ainslie Corp. Aircom, Inc. Airtron, Inc.

\*AMERICAN TUBE BENDING CO., INC.
Andrew Corp.
Canoga Corp. of California
Collins Radio Co.
Continental Diamond Fibre Corp., Sub.—The
Budd Co.
\*\*COOPER DEVELOPMENT CORP.

\*DALMO VICTOR CO., DIV.—TEXTRON, INC.
Dayton Aircraft Products, Inc.
Defiance Engrg. & Microwave Corp.
Diamond Antenna & Microwave Corp.
Don-Lan Electronics Co.
\*\*PORNE & MARGOLIN, INC.
Gabriel Co., The Gabriel Electronics Div.
Isolantite Mfg. Corp.
La Pointe Industries, Inc.
Microwave Electronics Div., Sperry Gyroscope Co.
Prodelin, Inc. Microwave Electronics Div., Sperry Gyros Prodelin, Inc.
Technical Appliance Corp.
Telectro Industries Corp.
\*\*TELERAD MFG. CORP.
Transco Products, Inc.
\*\*WASHINGTON ALUMINUM CO., INC.
Wind Turbine Co.

American Brass Co., The \*AMERICAN TUBE BENDING CO., INC.

# ANTENNA TOWER LIGHTING

Collins Radio Co. Prodelin, Inc.
Thieblot Aviation Co., Div.—Vitro Corp. of \*WASHINGTON ALUMINUM CO., INC.
\*WESTINGHOUSE ELECTRIC CORP.
Wind Turbine Co.

# ANTENNA TUNING UNITS

Aircom, Inc.
Airtron, Inc.
Airtron, Inc.
Andrew Corp.
Canoga Corp. of California
Collins Radio Co.
\*DALMO VICTOR CO., DIV.—TEXTRON, INC.
Diamond Antenna & Microwave Corp.
Don-Lan Electronics Co.
L. F. Johnson Co.
La Pointe Industries, Inc.
Microwave Electronics Div., Sperry Gyroscope Co.
Munston Mfg. & Service, Inc.
Simpson Electric Co.
Technical Appliance Corp.
Telectro Industries Corp.
\*WASHINGTON ALUMINUM CO., INC.
Wilcox Electric Co., Inc.

# **ANTENNAS**

Advance Industries, Inc.
Aircom, Inc.
American Brass Co., The
American Electronic Labs., Inc.
\*AMERICAN MACHINE & FOUNDRY CO. Andrew Corp.
Bogart Mfg. Corp.
Continental Diamond Fibre Corp., Sub.—The Andrew Corp.
Bogart Mfg. Corp.
Continental Diamond Fibre Corp., Sub.—The Budd Co.

\*DALMO VICTOR CO., DIV.-TEXTRON INC.
Joe Davidson & Associates
Dayton Aircraft Products, Inc.
Defiance Engrg. & Microwave Corp.
Diamond Antenna & Microwave Corp.
Diamond Antenna & Microwave Corp.
\*\*DORNE & MARGOUIN, INC.
Emerson Electric Mfg. Co., The, Electronics & Avionics Div.
General Electronic Lebs., Inc.
Haller Raymond & Brown Inc.
Hareltine Electronics Div.-Hazeltine Corp.
Hi-Lo Manufacturing Corp.
Lear, Inc.
Mark Products Co.
Mechanical Div.-General Mills, Inc.
Munsion Mfg. & Service, Inc.
Polarad Electronics Corp.
Redublic Aviation Corp., Guided Missiles Div.
Republic Aviation Corp., Guided Missiles Div.
Ryan Aeronautical Co.
Stromberg-Carlson, Electronics Div.
Superex Electronics Corp.
Sylvania Electronics Corp.
Sylvania Electronics Corp.
Transco Products, Inc.
Tricraft Products Corp.
Transco Products, Inc.
Tricraft Products Corp.
Victor Electric Wire & Cable Corp.
\*\*WASHINGTON ALUMINUM CO., INC.

# Direction Finding

Aircom Inc.
Bendix Radio Div.-Bendix Aviation Corp.
Bogart Mig. Corp.
Collins Radio Co.
\*DALMO VICTOR CO., DIV.-TEXTRON INC.
Defiance Engrg. & Microwave Corp.
Diamond Antenna & Microwave Corp.
DORNE & MARGOLIN, INC.
Gabriel Co., The Gabriel Electronics Div.
Gulton Industries, Inc.
Haller Raymond & Brown Inc.
Kearlott Co., Inc.
La Pointe Industries Inc.
Mark Products Co.

Munston Mfg. & Service, Inc.
Nuclear Products-Erco, Div.—ACF Industries, Inc.
Prodelin Inc.
Radio Corporation of America, Defense Electronic Products
Scala Radio Co.
Simmonds Aerocessories, Inc.
Simpson Electric Co.
Stromberg-Carlson, Electronics Div.
Superex Electronics Corp.
Sylvania Electronic Systems, Div.-Sylvania Electric Products Inc.
Technical Appliance Corp.
Telectro Industries Corp.
Telectro Industries Corp.
Telectro Industries Corp.
Telectro Industries Corp.
Telectro Mustries Corp.
Telectro Industries Corp.
Telectro Industries Corp.
WASHINGTON ALUMNUM Co., INC.
Westbury Electronics Inc.
Wilcox Electric Co., Inc.
Winder Aircraft Corp. of Fla.

# Fixed Station

Fixed Station

American Electronics Labs., Inc.
Andrew Corp.
Bogart Mig. Corp.
Collins Radio Co.
PADALMO VICTOR CO., DIV.-TEXTRON INC.
Defiance Engrg. & Microwave Corp.

\*\*PORNE & MARGOLIN, INC.
Freeman Co., The Gabriel Electronics Div.
Gulton Industries, Inc.
E. F. Johnson Co.
Herb Kreckman Co.
La Pointe Industries Inc.
Mark Products Co.
Munston Mig. & Service, Inc.
Prodelin Inc.
\*\*RADIATION, INC.
Radio Corporation of America, Defense Electronic Products
Scala Radio Co.
Sylvania Electronic Systems, Div.-Sylvania Electronic
tric Products Inc.
Technical Appliance Corp.
Thieblot Aviation Co., Div.-Vitro Corp. of
America
\*\*WASHINGTON ALUMINUM CO., INC.
Wilcox Electric Co., Inc.
Winder Aircraft Corp. of Fla.
Wunderlich Radio Co.

High Frequency

# High Frequency

High Frequency

Ainslie Corp.
American Electronic Labs., Inc.

\*AMERICAN MACHINE & FOUNDRY CO.
Andrew Corp.
Bogart Mrg. Corp.
Collins Radio Co.
Dale Products, Inc.

\*DALMO VICTOR CO., DIV.-TEXTRON INC.
Defiance Engrg. & Microwave Corp.
Diamond Antenna & Microwave Corp.
Diamond Antenna & Microwave Corp.

\*DORNE & MARGOLIN, INC.
Freeman Co., The
Gabriel Electronics Div.
Gulton Industries, Inc.
J.-V.-M Microwave Co.
La Pointe Industries Inc.
Mark Products Co.
Cadio Corporation of America, Defense Electronic Products
Reeves Instrument Corp.
Stavid Engrg., Inc.
Sylvania Electronic Systems, Div.-Sylvania Electronic Systems, Div.-Sylvania Electronic Corp.
Transco Products Inc.
Technical Appliance Corp.
Transco Products Inc.
Washury Electronics Inc.
Washury Electronics Inc.
Willow Electronic Inc.
Wind Turbine Co.
Winder Aircraft Corp. of Fla.
Wunderlich Radio Co.

Loop-Direction Finder

Loop-Direction Finder

Loop-Direction Finder

Bendix Radio Div-Bendix Aviation Corp.
Bogart Mfg. Corp.
Defiance Engrg. & Microwave Corp.

\*\*DORNE & MARGOLIN, INC.
Gabriel Co., The, Gabriel Electronics Div.
Gulton Industries, Inc.
Haller Raymond & Brown Inc.
J-V-M Microwave Co.
La Pointe Industries Inc.
Lear, Inc.
Munston Mfg. & Service, Inc.
Polarad Electronics Corp.
Radio Corporation of America, Defense Electronic Products
Superex Electronics Corp.
Technical Appliance Corp.
\*\*WASHINGTON ALUNINUM CO., INC.
Wilcox Electric Co., Inc.
Wilcox Electric Co., Inc.
Wilcox Electric Cop. of Fla.

Low Frequency Advance Industries, Inc.
Ainslie Corp.
\*AMERICAN MACHINE & FOUNDRY CO.
Bogart Mfg. Corp.
Canoga Corp. of California
Dale Products, Inc.
Defiance Engrg. & Microwave Corp.
\*DORNE & MARGOLIN, INC. J-Y-M Microwave Co.
La Pointe Industries Inc.
Munston Mfg. & Service, Inc.
Nuclear Products-Erco, Div.—ACF Industries, Inc.
Prodelin Inc.
Radio Corporation of America, Defense Electronics Products
Simpson Electric Co.
Superex Electronics Corp.
Sylvania Electronic Systems, Div.-Sylvania Electronic Tyolock Inc.
Technical Appliance Corp.
Transco Products, Inc.
WASHINGTON ALUMINUM CO., INC.
Winder Aircraft Corp. of Fla.
Wunderlich Radio Co.

Microwave-Radar

Microwave-Radar

Adler Electronics, Inc.
Ainslie Corp.,
Airborne Instruments Lab., Inc.
Airsone Instruments Lab., Inc.
Aircon Inc.
Airtron, Inc.
Airtron, Inc.
American Electronic Labs., Inc.
Andrew Corp.
Bendix Aviation Corp., York Div.
Bogart Mfg. Corp.
Canoga Corp. of California
Collins Radio Co.
Dale Products, Inc.
\*\*DALMO VICTOR CO., DIV-TEXTRON INC.
Joe Davidson & Associates
Defiance Engrg. & Microwave Corp.
Demonray-Bonardi
Diamond Antenna & Microwave Corp.
Elipse-Pioneer Div.Bendix Aviation Corp.
Farnsworth Electronics Co., Div.-Int'l Telephone
& Telegraph Corp.
Gabriel Co., The, Gabriel Electronics Div.
General Precision Lab. Inc.
John Gombos Co., Inc.
Goodyear Aircraft Corp.
Gulton Industries, Inc.
Haller Raymond & Brown Inc.
Hoover Electronics Co.
J-V-M Microwave Co.
Kelsey-Hayes Co.
La Pointe Industries Inc.
Mark Products Co.
Mechanical Div.-General Mills, Inc.
Microwave Development Labs., Inc.
Microwave Development Labs., Inc.
Microwave Electronics Corp.
Prodelin Inc.
Radio Corporation of America, Defense Electronic Products,
Reeves Instrument Corp.
Ryan Aeronautical Co.
Sanders Associates, Inc.
Scientific-Atlanta, I

\*WASHINGTON ALUMINUM CO., INC.
Waveline, Inc.
Westbury Electronics, Inc.
Westbury Electronics Corp., AIR ARM
DIV.
Winder Aircraft Corp. of Fla.
Wunderlich Radio Co.

Radar

Radar

Ainslie Corp.
Airtron, Inc.
American Electronic Labs., Inc.
\*\*AMERICAN MACHINE & FOUNDRY CO.
Andrew Corp.
Bendix Radio Div.—Bendix Aviation Corp.
Bendix Radio Div.—Bendix Aviation Corp.
Bogart Mig. Corp.
Canoga Corp. of California
Collins Radio Co.
\*\*DALMO VICTOR CO., DIV.—TEXTRON, INC.
Defiance Engrg. & Microwave Corp.
Diemond Antenna & Microwave Corp.
\*\*DORNE & MARGOLIN, INC.
Eclipse-Pioneer Div., Bendix Aviation Corp.
Gabriel Co., The, Gabriel Electronics Div.
Goodyear Aircraft Corp.
Gulton Industries, Inc.
Haller Raymond & Brown, Inc.
J-V-M Microwave Co.
Kelsey-Hayes Co.
D. S. Kennedy & Co.
La Pointe Industries, Inc.
Mcchanical Div.—General Mills, Inc.
Microwave Development Labs., Inc.
Microwave Electronics Div., Sperry Gyroscope Co.
Polarad Electronics Corp.
\*\*RADIATION, INC.
Radio Corporation of America, Defense Electronic Products
Reeves Instrument Corp.
\*\*RESEARCH & ADVANCED DEVELOPMENT DIV.,
AYCO MFG. CORP.
Ryan Aeronautical Co.
Sanders Associates, Inc.
Stavid Engrg., Inc.

Sylvania Electronic Systems, Div.—Sylvania Electric Products, Inc.
Technical Appliance Corp.
Technical Oil Tool Corp.
Technical Oil Tool Corp.
Technical Oil Tool Corp.
Transco Products, Inc.
\*WASHINGTON ALUMINUM CO., INC.
Westbury Electronics, Inc.
\*WESTINGHOUSE ELECTRIC CORP., AIR ARM
DIV.
Winder Aircraft Corp. of Fla.
Wunderlich Radio Co.

Rotary Beam

Rotary Beam

\*AMERICAN MACHINE & FOUNDRY CO.
Andrew Corp.
Bogart Mrg. Corp.
Collins Radio Co.
Defiance Engrg. & Microwave Corp.

\*DORNE & MAREOLIN, INC.
Freeman Co., The
Gabriel Co., The, Gabriel Electronics Div.
Gulton Industries, Inc.
Haller Raymond & Brown, Inc.
J-V-M Microwave Co.
La Pointe Industries, Inc.
Mark Products Co.
Microwave Electronics Div., Sperry Gyroscope Co.
RADIATION, INC.

\*RADIATION, INC.
Radio Corporation of America, Defense Electronic Products
Reeves Instrument Corp.
Scala Radio Co.
Sylvania Electronic Systems, Div.—Sylvania Electronic Products, Inc.
\*WASHINGTON ALUMINUM CO., INC.
Wind Turbine Co.,
Winder Aircraft Corp. of Fla.

Slotted Line

Aircom, Inc.

\*AMERICAN MACHINE & FOUNDRY CO.
Bendix Aviation Corp., York Div.
Begart Mig. Corp.
Canoga Corp. of California
Collins Radio Co.
\*DALMO VICTOR CO.
Defiance Engrg. & Microwave Corp.
Demonray-Bonardi
Diamond Antenna & Microwave Corp.
\*\*PORNE & MARCOLIN, INC.
Gabriel Co., The, Gabriel Electronics Div.
General Precision Lab., Inc.
Gulton Industries, Inc.
Haller Raymond & Brown, Inc.
J-Y-M Microwave Co.
La Pointe Industries, Inc.
Microwave Electronics Div., Sperry Gyroscope Co.
Radio Corporation of America, Defense Electronic Products
Sanders Associates, Inc.
Sylvania Electronic Systems, Div.—Sylvania Electronic Froducts
Lectronic Corp.
\*\*TELERAD MF6, CORP.
Uniwave, Inc.
Wascline, Inc.
Wascline, Inc.
\*\*WASSHINGTON ALUMINUM CO., INC.
Westbury Electronics, Inc.
Winder Aircraft Corp. of Fla.
\*\*Ultra High Frequency.

Ultra High Frequency

Adler Electronics, Inc. Ainslie Corp. Ainsine Corp.
Aircom, Inc.
American Electronic Labs., Inc.
\*AMERICAN MACHINE & FOUNDRY CO. Aircom, Inc.
American Electronic Labs., Inc.
\*AMERICAN MACHINE & FOUNDRY CO.
Andrew Corp.
Bogart Mfg. Corp.
Canoga Corp. of California
Collins Radio Co.
\*\*COOPER BYELOPMENT CORP.
Dale Products, Inc.
\*\*PALMO VICTOR CO., DIV.—TEXTRON, INC.
Defiance Engrg. & Microwave Corp.
Diamond Antenna & Microwave Corp.
Diamond Antenna & Microwave Corp.
\*\*COOPER Co., The, Gabriel Electronics Div.
General Electronic Labs., Inc.
Gabriel Co., The, Gabriel Electronics Div.
General Electronic Labs., Inc.
Gulton Industries, Inc.
Haller Raymond & Brown, Inc.
Hi-Lo Manufacturing Corp.
Hi-Co Manufacturing Corp.
Eastern, Inc.
J-V-M Microwave Co.
Kelsey-Hayes Co.
D. S. Kennedy & Co.
Herb Kreckman Co.
La Pointe Industries, Inc.
Mark Products Co.
Narda Microwave Corp., The
Radio Corporation of America, Defense Electronic Products
Sanders Associates
Scala Radio Co.
Simmonds Aerocessories, Inc.
Stavid Engrg., Inc.
Technical Appliance Corp.
Telectro Industries Corp.
Ticraft Products, Inc.
Ticraft Products, Inc.
Ticraft Products, Inc.
Ticraft Products, Inc.

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# ... tracking & telemetering a-f

# Very High Frequency

Ainslie Corp.
Aircom, Inc.
American Electronic Labs., Inc.
\*AMERICAN MACHINE & FOUNDRY CO. American Electronic Labs., Inc.

\*AMERICAN MACHINE & FOUNDRY CO.

Andrew Corp.
Bogart Mig. Corp.
Canoga Corp. of California
Collins Radio Co.

\*COOPER DEVELOPMENT CORP.
Dale Products, Inc.
Defiance Engrg. & Microwave Corp.
Diamond Antenna & Microwave Corp.
Diamond Antenna & Microwave Corp.
\*\*DORNE & MARGOLIN, INC.
Freeman Co., The
Gabriel Co., The, Gabriel Electronics Div.
Gulton Industries, Inc.
Haller Raymond & Brown, Inc.
Hi-Lo Manufacturing Corp.
Hycon Eastern, Inc.
Kelsey-Hayes Co.
D. S. Kennedy & Co.
Herb Kreckman Co.
La Pointe Industries, Inc.
Lear, Inc.
Mark Products Co.

\*\*\*RADIATION, INC. Mark Products Co.

\*RADIATION, INC.
Radio Corporation of America, Defense Electronic Products
Sanders Associates, Inc.
Scala Radio Co.
Simmonds Aerocessories, Inc.
Stavid Engrg., Inc.
Sylvania Electronic Systems, Div.—Sylvania Electronic Troducts, Inc.
Technical Appliance Corp.
Telectro Industries Corp.
Transco Products, Inc.
Tricraft Products Corp.

\*WASHINGTON ALUMINUM CO., INC.
Winder Aircraft Corp. of Fla.

# ASSEMBLERS, FEEDERS

Barnes Development Co. Ryan Aeronautical Co. Telectro Industries Corp.

# ASSEMBLIES, MICROWAVE

Ainslie Corp.
Aircom, Inc.
Aircraft Armaments, Inc.
Airtron, Inc.
Bendix Aviation Corp., York Div.
Bogart Mig. Corp.
Canoga Corp. of California
Coaxial Connector Co., Inc.
Collins Radio Co. \*COOPER DEVELOPMENT CORP. COOPER DEVELOPMENT CORP.
Diamond Antenna & Microwave Corp.
Gabriel Co., The, Gabriel Electronics Div.
John Gombos Co., Inc.
Goodyear Aircraft Corp.
Hoover Electronics Co.
J-V-M Microwave Co.
Mechanical Div.—General Mills, Inc. Mutron Corp.

Nuclear Products—Erco, Div.—ACF Industries, Inc. Omega Labs., Inc. Polarad Electronics Corp. Prodelin, Inc. Polara Cicumus, Prodelin, Inc.
Resdel Engra, Corp.
Ryan Aeronautical Co.
Sylvania Electronic Systems, Div.—Sylvania Electronic Products, Inc.
Technical Oil Tool Corp.
Telectro Industries Corp.
\*\*\*TELERAD MFG. CORP.
Transco Products, Inc.
Uniwave, Inc.
Waveguide, Inc.
Waveguide, Inc.
Waveline, Inc.
Waveline, Inc.
Waveline, Inc.
Westbury Electronics, Inc.
Wunderlich Radio Co.

# **ATTENUATORS**

Applied Research, Inc. Applied Kesearch, Inc.
Bogart Mfg. Corp.
Daven Co., The
Diamond Antenna & Microwave Corp.
General Communication Co.
Leeds & Northrup Co. Metavac, Inc.
North Hills Electric Co., Inc.
Reeves Instrument Corp.
Telectro Industries Corp.
Telonic Industries, Inc. Wacline, Inc.

Daven Co., The
Kay Electric Co.
North Hills Electric Co., Inc.
Telectro Industries Corp.

#### Audio

Daven Co., The
Kay Electric Co.
Ryan Aeronautical Co.
Telectro Industries Corp.

# Logarithmic

Arenberg Ultrasonic Laboratory, Inc. Daven Co., The Telectro Industries Corp.

#### Microwave

Aircom Inc.
Airtron, Inc.
Airtron, Inc.
Applied Research Inc.
Bogart Mfa. Corp.
Canoga Corp. of California
Coaxial Connector Co. Inc.
Defiance Engrg. & Microwave Corp.
Demornay-Bonardi
Diamond Antenna & Microwave Corp.
Douglas Microwave Co., Inc.
Electron. Impulse Lab., Inc.
Electron. Radar Products
Elektro-Serv Co.
Empire Products Sales Corp.
General Communication Co.
John Gombos Co., Inc.
Hansen Electronics Co.
JV-M Microwave Cor.
Microlab
Microwave Engrane Corp.
Metavac, Inc.
Microlab
Microwave Electronics Div., Sperry Gyroscope
Co.
Narda Microwave Corp. The Aircom Inc. Microwave Electronics Div., Sp. Co.
Narda Microwave Corp., The Omega Labs., Inc.
Polarad Electronics Corp.
Pyrofilm Resistor Co., Inc.
Radar Design Corp.
Reeves Instrument Corp.
Ryan Aeronautical Co.
Sage Laboratories, Inc.
Sanders Associates Såge Laboratories, Inc.
Sanders Associates, Inc.
Technical Oil Tool Corp.
Telectro Industries Corp.
\*TELERAD MFG. CORP.
Thompson Products, Inc.
Uniwave, Inc.
Wacline, Inc.
Waveguide, Inc.
Waveline, Inc.
Waveline, Inc.
Weinschel Engrg.

# Precision

Adler Electronics, Inc.
Airborne Instruments Lab., Inc.
Aircom Inc.
Airtron, Inc.
Cal-Ohm Labs., Inc.
Daven Co., The
Demornay-Bonardi vemornay-Bonardi
Diamond Antena & Microwave Corp.
Douglas Microwave Co., Inc.
Empire Products Sales Corp.
General Communication Co.
Leeds & Northrup Co.
Metayac. Inc. Metavac, Inc.
Microlab
Microwave Electronics Div., Sperry Gyroscope Co. Minneapolis-Honeywell Regulator Co., Indust. Minneapolis-Honeywell Regulator Div. North Hills Electric Co., Inc. Pyrofilm Resistor Co., Inc. Radar Design Corp. Sage Laboratories, Inc. Technical Oil Tool Corp. Telectro Industries Corp. Telecto Industries, Inc. Weinschel Engrg.

# r-f & i-f

Adler Electronics, Inc.
Airborne Instruments Lab., Inc.
Airtorn, Inc.
Applied Research Inc.
Arenberg Ultrasonic Laboratory, Inc.
BJ Electronics, Borga-Warner Corp.
Canoga Corp. of Carlifornia
Daven Co., The
Defiance Engrg. & Microwave Corp.
Diamond Antenna & Microwave Corp.
Elektro-Serv Co.
Empire Products Sales Corp.
Entron Inc. Entron, Inc. General Communication Co. J-V-M Microwave Co. Kay Electric Co.

Metavac, Inc Microlab North Hills Electric Co., Inc. Polarad Electronics Corp. Technical Oil Tool Corp. Telectro Industries Corp. Telonic Industries, Inc. Uniwave, Inc. Weinschel Engrg.

## BALLISTOCARDIOGRAPHS

Gulton Industries, Inc. Technitrol Engrg. Co.

# BASES, ANTENNA

Ainslie Corp. American Car & Foundry Div., ACF Industries, American Car & Foundry Div., ACF Industries, Inc.
Canoga Corp. of California
Champion Airquipment, Inc.
Continental-Diamond Fibre Corp., Sub.-The Continental-Diamond Fibre Corp., Sub.-The Budd Co. Eclipse-Pioneer Div., Bendix Aviation Corp. Elm Mfg. Co. Inc. G. W. Galloway Co. Houston Fearless Corp. Kelsey-Hayes Co. La Pointe Industries Inc. R. C. Mahon Co., The Permax Products Div., Chisholm-Ryder Co., Inc. Permax Products Div., Chisholm-Ryder Inc. Reeves Instrument Corp. Ryan Aeronautical Co. Terminal Radio Corp. United Mfg. Co., The \*WASHINGTON ALUMINUM CO., INC. Winder Aircraft Corp. of Fla.

# BASES. DIODE

Terminal Radio Corp. Winder Aircraft Corp. of Fla.

# BASES, RELAY

Alden Products Co. General Railway Signal Co. Simpson Electric Co. Terminal Radio Corp. Winder Aircraft Corp. of Fla.

# BASES, TRANSISTOR

Terminal Radio Corp.

# BEACONS, RADAR

BEACONS, RADAR

\*AMERICAN MACHINE & FOUNDRY CO.
Avion Div., ACF Industries, Inc.,
Bendix Aviation Corp., York Div.
Canoga Corp. of California
\*COOPER DEVELOPMENT COR.
\*DALMO VICTOR CO., DIV.-TEXTRON INC.
Diamond Antenna & Microwave Corp.
Electronic Communications, Inc.
General Communications, Inc.
General Communications, Inc.
Hazelfine Electronics Div.-Hazelfine Corp.
J-V-M Microwave Co.
Lavoie Labs., Inc.
Pacific Div.-Bendix Aviation Corp.
Ralph M. Parsons Co., The, Electronics Div.
Reeves Instrument Corp.
Resdel Engrg. Corp.
Ryan Aeronautical Co.
Stewart-Warner Corp.
Stromberg-Carlson, Electronics Div.
Sylvania Electronic Systems, Div.-Sylvania Electronic Tric Products Inc.
\*\*ELLERAD MFG. CORP.
United Mfg. Co., The
\*\*WASHINGTON ALUMINUM CO., INC.

# **BELLS & BUZZERS**

E. F. Johnson Co. Telectro Industries Corp.

# BINDING POSTS

Accurate Electronics Corp., Dept. D Aerolite Electronics Corp. Affiliated Screw Products Co. Amatom Electronic Hardware Co. Inc. Birnbach Radio Co., Inc. Birmbach Ragio Co., Inc.
Elco Corp.
\*GRAPHITE METALLIZING CORP.
E. F. Johnson Co.
Litton Industries, Components Div.
Malco Tool & Mig. Co.
Star Engraving Co., Ltd.

# BLOWERS, TRANSMITTER

American Electronics, Inc.
Dean & Benson Research Inc.
Electronic Techniques, Inc.
McLean Engrg. Laboratories
Rofron Mig. Co.
Stanat Mig. Co., Inc.
Talley Corp., The

# BOARDS, CAPACITOR OR RESISTOR

Accurate Electronics Corp., Dept D
Aerolite Electronics Corp., Dept D
Aerolite Electronics Corp.
Alden Products, Inc.
Electronic Techniques, Inc.
Elem Mfg. Co. Inc.
Erie Resistor Corp.
Keystone Electronics Corp.
La Pointe Industries Inc.
Litton Industries, Components Div.
Specific Products
Star Engraving Co., Ltd.
Telectro Industries Corp.

# BOARDS, PLOTTING

Accurate Electronics Corp., Dept. D Continental-Diamond Fibre Corp., Eliay Corp. Corp., Eliay Corp. Corp., Elm Mfg. Co. Inc. Fenske Fedrick & Miller Co. Industrial Engravers Inc. Skiatron Electronics & Television Corp. Universal Unlimited, Inc. Virginia Plak Co. \*WASHINGTON ALUMINUM CO., INC. Sub.-The

# BOBBINS, COIL WINDING

Aerolite Electronics Corp.
Alden Products Co.
Central Coil Co. Inc.
Continental-Diamond Fibre Corp., Sub.-The
Budd Co.
Ferroxcube Corp. of America
Hydro Molding Co. Inc.
Isolantite Mfg. Corp.
Penn Fibre & Specialty Co., Inc.
D. M. Steward Mfg. Co.
Topper Mfg. Co., Inc.

# BOBBINS, TRANSFORMER WINDING

Central Coil Co. Inc.
Continental-Diamond Fibre Corp., Sub.-The
Budd Co.
Hydro Molding Co. Inc.
National Coil Co.
Penn Fibre & Specialty Co., Inc.
Ryan Aeronautical Co.
D. M. Steward Mfg. Co.
Topper Mfg. Co., Inc.

# BOXES, JUNCTION

Accurate Electronics Corp., Dept. D Aerolite Electronics Corp. Airtron, Inc. Continental-Diamond Fibre Corp., Confinental-Diamond Fibre
Budd Co.
General Railway Signal Co.
Grimes Mfg. Co.
\*KAHN & CO., INC.
Lane Electronics Mfg. Cor
La Pointe Industries Inc.
Telectro Industries Corp.

# BRIDGES

Allegany Instrument Co., Inc.
Alpha Instrument Co.
Barnes Development Co.
Boonton Radio Corp.
Briggs Associates, Inc.
Davenport Mfg. Co.
Electro-Measurements Inc.
Gertsch Products Inc.
Gray Instrument Co.
\*KAHN & CO., INC.
Leeds & Northrup Co.
Marconi Instruments
Munston Mfg. & Service, Inc.
Simpson Electric Co.

# Capacitance

Alpha Instrument Co.
Barnes Development Co.
Boonton Electronics Corp.
Briggs, Associates, Inc.
Cambridge Instrument Company, Inc.
Cambridge Instrument Company, Inc.
Carbell-Dublier Electric Corp.
Electro-Measurements Inc.
Elm Mfg. Co. Inc.
Industrial Control Co.
Leeds & Northrup Co.
Marconi
Munston Mfg. & Service, Inc.
Network Mfg. & Service, Inc.
Simpond Aerocessories, Inc.
Simpon Electric Co.
Southwestern Industrial Electronics Co.
Telectro Industrial Electronics Co.

# Cathode Interface Impedance

Briggs Associates, Inc. Simpson Electric Co. Telectro Industries Corp.

#### Electrical

Alpha Instrument Co.
Barnes Development Co.
Barnes Delectric Co., Apparatus Sales Div.
James G., Biddle Co.
Cambridge Instrument Company, Inc.
Gray Instrument Co.
Simpson Electric Co.
Telectro Industries Corp.

#### Impedance

mpedance
Acton Laboratories Inc.
Airtron, Inc.
Alpha Instrument Co.
Boonton Radio Corp.
Electro-Measurements Inc.
Industrial Instruments Inc.
Leeds & Northrup Co.
Marconi Instruments
Munston Mfg. & Service, Inc.
Narda Microwave Corp., Inc.
Simpson Electric Co.
Southwestern Industrial Electronics Co.
Telectro Industries Corp.

# Inductance

Alpha Instrument Co.
Barnes Development Co.
Cambridge Instrument Company, Inc.
Crescent Engrg. & Research Co.
Electro-Measurements Inc.
Hickok Electrical Instrument Co., The
Leeds & Northrup Co.
Marconi Instruments
Simpson Electric Co.
Southwestern Industrial Electronics Co.
Telectro Industrial Electronics Co.

# Megohm

Barnes Development Co.
James G. Biddle Co.
Davenport Mig. Co.
Industrial Instruments Inc.
Leeds & Northrup Co.
Simpson Electric Co.
Southwestern Industrial Electronics Co.
Telectro Industries Corp.

## Resistance

Resistance

Allegany Instrument Co., Inc.
Alpha Instrument Co.
Barnes Development Co.
James G. Biddle Co.
Cal-Ohm Labs., Inc
Cambridge Instrument Company, Inc.
Electro-Measurement Inc.,
Elgin Micronics, West Coast Div.-Elgin National
Watch Co.
Gray Instrument Co.
Hickok Electrical Instrument Co., The
Industrial Instruments Inc.
\*\*KAHN & CO., INC.
Leeds & Northrup Co.
Marconi Instruments
Minneapolis-Honeywell
Div. Minneapolis-roneywell Regulator Co., Div.
Simpson Electric Co.
Southwestern Industrial Electronics Co.
Telectro Industries Corp.
United Control Corp.

# R-F

Barnes Development Co.
Boonton Radio Corp.
Hickok Electrical Instrument Co., The
Marconi Instruments
Munston Mfg. & Service, Inc.
Simpson Electric Co.
Telectro Industries Corp.

# Self-Balancing

Avien, Inc.
Barnes Development Co.
Columbia Research Labs.
Hickok Electrical Instrument Co., The
Minneapolis-Honeywell Regulator Co., Indust. Minneapolis-Honeywell Regulat Div. Moran Instrument Corp. North Atlantic Industries, Inc. Simponds Aerocessories, Inc. Simpson Electric Co. Telectro Industries Corp. United Control Corp.

# Standing Wave

Browning Laboratories, Inc. Demornay-Bonardi



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# . . . tracking & telemetering

Microwave Electronics Div., Sperry Gyroscope Co.
Simpson Electric Co.
Telectro Industries Corp.
\*TELERAD MFG. CORP.
Uniwave, Inc.
Waveline, Inc.

# Synchro

Electro-Measurements Inc. Gray Instrument Co. Simpson Electric Co. Telectro Industries Corp. Theta Instrument Corp.

Barnes Development Co. Boonton Radio Corp. Marconi Instruments Simpson Electric Co. Telectro Industries Corp.

# Wheatstone

Wheatstone

Allegany Instrument Co., Inc.
Barnes Development Co.
Cal-Ohm Labs., Inc.
Cambridge Instrument Company, Inc.
Crescent Engrg. & Research Co.
Electro-Measurements Inc.
Electro-Tech Equipment Co.
Gray Instrument Co.
\*KAHN & CO., INC.
Leeds & Northrup Co.
Minneapolis-Honeywell Regulator
Div. Div.
Simpson Electric Co.
Telectro Industries Corp.
United Control Corp.

# CAMERA AUXILIARY EQUIPMENT

Beckman & Whitley, Inc. Beckman & Willey, Inc.
Benson-Lehner Corp.
Boston Insulated Wire & Cable Co.
Cameraflex Corp.
J. W. Fecker, Inc.-Sub.-American Optical Co.
\*FICHT RESEARCH, INC. \*FLIGHT RESEARCH, INC.
Grafley, Inc.

\*HAYWARD SCIENTIFIC GLASS CORP.
Hershey Mfg. Co.
Houston Fearless Corp.
Huber Industries, Inc.
Librascope Inc.
Mast Development Co., Inc.
J. A. Mauer, Inc.
Optomechansims Inc.
Reeves Instrument Corp.
Traid Corp.
Yought Co.
Wollensak Optical Co.

# CAMERA MOUNTS

CAMERA MOUNTS

Abrams Instrument Corp.
Benson-Lehner Corp.
Cameraflex Corp.
Christie Machine Works
Sherman Fairchild & Assoc. Inc.
J. W. Fecker. Inc. Sub.-American Optical Co.
\*FLIGHT RESEARCH, INC.
G. W. Galloway Co.
Graflex, Inc.
Houston Fearless Corp.
Huber Industries, Inc.
Mast Development Co., Inc.
J. A. Maurer, Inc.
O. & M. Machine Co., Inc.
Optomechansims Inc.
Reves Instrument Corp.
Rebinson Aviation, Inc.
Traid Corp.
Vought Co.
Wollensak Optical Co.

# **CAMERAS**

Allegany Instrument Co., Inc.
Beatifie-Coleman, Inc.
Benson-Lehner Corp.
Cameraflex Corp.
Christie Machine Works
Eastman Kodak Co.
Sherman Fairchild & Assoc. Inc.
J. W. Fecker, Inc. Sub-American Optical Co.
\*FLIGHT RESEARCH, INC.
Haller Raymond & Brown Inc.
Houston Fearless Corp.
Land-Air, Inc., Sub-California Eastern Aviation, Inc. Land-Air, Inc., Sub-California Inc. Librascope Inc. Mast Development Co., Inc. J. A. Maurer, Inc. Optomechanisms Inc. Perkin-Elmer Corp. Traid Corp. Wollensak Optical Co.

# Data Recording

Data Recording

Abrams Instrument Corp.
Allegany Instrument Co., Inc.
American Electronics, Inc.
Beattie-Coleman, Inc.
Benson-Lehner Corp.
Camerafiex Corp.
Edgerton, Germeshausen & Grier, Inc.
Sherman Fairchild & Assoc. Inc.
J. W. Fecker. Inc. Sub.-American Optical Co.
\*FLIGHT RESEARCH, INC.
Graflex, Inc.
Haller Raymond & Brown Inc.
Houston Fearless Corp.
Land-Air, Inc., Sub.-California Eastern Aviation, Inc. Inc.
Librascope Inc.
Mast Development Co., Inc.
J. A. Maurer, Inc.
Optomechansims Inc.
Perkin-Elimer Corp.
Reeves Instrument Corp.
Skitatron Electronics & Television Corp.
Traid Corp.
Vought Co.
Wollensak Optical Co.

# High Speed

Allegany Instrument Co., Inc.
Beckman & Whitley, Inc.
Benson-Lehner Corp.
Cameraflex Corp.
Christie Machine Works
Eastman Kodak Co.
Edgerton, Germeshausen & Grier, Inc.
Sherman Fairchild & Assoc. Inc.
Fairchild Camera & Instrument Corp., Industrial
Camera Div. Fairchild Camera & Instrument Corp., Industria Camera Div.
J. W. Fecker, Inc. Sub.-American Optical Co.
\*FLIGHT RESEARCH, INC.
Haller Raymond & Brown Inc.
Librascope Inc.
Mast Development Co., Inc.
J. A. Maurer, Inc.
Optomechansims Inc.
Traid Corp.
Yought Co.
Wollensak Optical Co.

# Motion Picture

Motion Picture

Benson-Lehner Corp.
Cameraflex Corp.
Eastman Kodak Co.
Edgerton, Germeshausen & Grier, Inc.
Sherman Fairchild & Assoc. Inc.
Fairchild Camera & Instrument Corp., Industrial
Camera Div.
J. W. Fecker, Inc. Sub.-American Optical Co.
\*FLIGHT RESEARCH, INC.
Houston Fearless Corp.
Librascope Inc.
J. A. Maurer, Inc.
Perkin-Elmer Corp.
Traid Corp.
Yought Co.
Wollensak Optical Co.

# Oscilloscope

Beattle-Coleman, Inc.
Beckman & Whitley, Inc.
Cameraflex Corp.
Edgerton, Germeshausen & Grier, Inc.
Electro-Medical Lab., Inc.
Fairchild Camera & Instrument Corp., Industrial
Camera Div.
J. W. Fecker, Inc. Sub.-American Optical Co.
\*FLIGHT RESEARCH, INC.
Grass Instrument Co.
Houston Fearless Corp.
Land-Air, Inc., Sub.-California Eastern Aviation,
Inc. Land-Air, Inc., Inc.
J. A. Maurer, Inc.
Optomechansims Inc.
Panoramic Radio Products, Inc.
Telechrome Mfg. Corp.
Traid Corp.
Vought Co.
Wollensak Optical Co.

# Recording, Radar and Oscilloscope

Abrams Instrument Corp.

Beattie-Coleman, Inc.
Cameraflex Corp.
Edgerlon, Germeshausen & Grier, Inc.
Fairchild Camera & Instrument Corp., Industrial Camera Dischauser Corp., Industrial Camera Disc.

\*FLIGHT RESEARCH, INC.
Haller Raymond & Brown Inc.
Houston Fearless Corp.
Land-Air, Inc., Sub.—California Eastern Aviation, Inc. Inc.
Librascope Inc.
J. A. Maurer, Inc.
Optomechansims Inc.
Reeves Instrument Corp.
Skiatron Electronics & Television Corp.
Specialties, Inc.
Traid Corp.
Vought Co.
Wollensak Optical Co.

# Television

Cameraflex Corp.
General Precision Lab. Inc.
Hallamore Electronics Co.
J. W. Fecker, Inc. Sub-American Optical Co.
Perkin-Elmer Corp.
Skiatron Electronics & Television Corp.
Telechrome Mfg. Corp.
Thompson Products, Inc.
Traid Corp.

# CAPACITOR SPECIALTIES **MEASUREMENT**

Barnes Development Co. Boonton Electronics Corp. Consolidated Airborne Systems, Inc. Southern Electronics Corp. Terminal Radio Corp.

# CAPACITORS

CAPACITORS

Airborne Accessories Corp.
Associated American Winding Co., Inc.
Associated American Winding Co., Inc.
Axel Electronics
Balco Research Labs., Inc., Capacitor Div.
Cornell-Dubliler Electric Corp.
Corning Glass Works
Dearborn Electronic Laboratories
Electro-Measurements Inc.
Electronic Fabricators, Inc.
Electronic Fabricators, Inc.
Erie Resistor Corp.
Fansteel Metallurgical Corp.
Filtron Co., Inc.
Good-All Electric Mig. Co.
Gudeman Co., The
Lapp Insulator Co., Inc., Radio Specialties Div.
Leeds & Northrup Co.
Lenkurt Electric Co., Inc.
Minitronics Corp.
Onondaga Pottery Co., Electronics Div.
Plastic Capacitors, Inc.
Potter Co., The
Sangamo Electric Co.
Southern Electronics Corp.
Terminal Radio Corp.
Terminal Radio Corp.
Terminal Radio Corp.
Terminal Radio Corp.
Tobe Deutschmann Corp.
United Electronics Co.

# Ceramic

American Lava Corp. Brubaker Electronics, Inc., Sub.—Telecomputing Brubaker Electronics, Inc., Sub.—Telecom Corp.
Corp.
Cornell-Dubilier Electric Corp.
Electric Auto-Lite Co., The Erie Resistor Corp.
John E. Fast & Co.
Good-All Electric Mfg. Co.
Gudeman Co., The
Gulton Industries, Inc.
Illinois Condenser Co.
P. R. Mallory & Co. Inc.
Onondaga Pottery Co., Electronics Div.
Potter Co., The
Radio Industries, Inc.
Sangamo Electric Co.
Terminal Radio Corp.
Western Gold & Platinum

# Ceramic Trimmer

Electric Auto-Lite Co., The Erie Resistor Corp. Terminal Radio Corp.

# Composition

Cornell-Dubilier Electric Corp. Terminal Radio Corp.

# Decade

Balco Research Labs., Inc., Capacitor Div. Cornell-Dubilier Electric Corp. Electro-Measurements Inc. Leeds & Northrup Co. Potter Co., The Precise Development Corp. Southern Electronics Corp. Terminal Radio Corp.

# Electrolytic

Cornell-Dubilier Electric Corp.
Electro-Capacitors Co., Inc.
Flansteel Metallurgical Corp.
General Electric Co., Apparatus Sales Div.
Good-All Electric Mfg. Co.
Gudeman Co., The
Illinois Condenser Co.
P. R. Mallory & Co., Inc.
Minitronics Corp.
Minneapolis-Honeywell Regulator Co., Boston
Div. Sangamo Electric Co. Terminal Radio Corp.

# Feed-Through

Airborne Accessories Corp. Axel Electronics

Brubaker Electronics, Inc., Sub.-Telecomputing Brubaker Electronics, Inc., Sub-Corp.
Corp.
Corpel-Dubilier Electric Corp.
Dearborn Electronic Laboratories
Erie Resistor Corp.
John E. Fast & Co.
Filtron Co., Inc.
Gudeman Co., The
Hallett Mig. Co.
P. R. Mallory & Co., Inc.
Potter Co., The
Radio Industries, Inc.
Terminal Radio Corp.
Tobe Deutschmann Corp.
Vitramon, Inc.

#### Fixed

Airborne Accessories Corp.

Axel Electronics
Balco Research Labs., Inc., Capacitor Div.
Brubaker Electronics, Inc., Sub.—Telecomputing
Corp.
Cornell-Dubilier Electric Corp.
Corning Glass Works
Dearborn Electronic Laboratories
Electric Auto-Lite Co., The
Electronic Fabricators, Inc.
Erie Resistor Corp.
John E. Fast & Co.
Filtron Co., Inc.
General Electric Co., Apparatus Sales Div.
Good-All Electric Mfg. Co.
Gudeman Co., The
Lapp Insulator, Co., Inc., Radio Specialties Div.
Lenkurt Electric Co., Inc.
P. R. Mallory & Co., Inc.
P. R. Mallory & Co., Inc.
Potter Co., The
Badio Industries, Inc.
Schriftla Div., Bendix Aviation Corp.
Southern Electronics Corp.
Ierminal Radio Corp.
Iobe Deutschmann Corp.
United Electronics Co.
Vitramon, Inc.

Gas-Filled

# Gas-Filled

Lapp Insulator Co., Inc., Radio Specialties Div. Terminal Radio Corp.

# Glass

Corning Glass Works Erie Resistor Corp. Potter Co., The Terminal Radio Corp.

## Glass Trimmer

Atlas E-E Corp. Corning Glass Works Erie Resistor Corp. Terminal Radio Corp.

# Hermetically Sealed

Airborne Accessories Corp. Axel Electronics Balco Research Labs., Inc., Capacitor Div. Brubaker Electronics, Inc., Sub.—Telecomputing Balco Research Labs., Inc., Capacitor Div. Brubaker Electronics, Inc., Sub.—Telecompu Corp.
Corp.
Corning Glass Works
Dearborn Electronic Laboratories
Electronic Fabricators, Inc.
Erie Resistor Corp.
Fansteel Metallurgical Corp.
John E. Fast & Co.
Filtron Co., Inc.
General Electric Co., Apparatus Sales Div.
Good-All Electric Mig. Co.
Gudeman Co., The
Lenkurt Electric Co., Inc.,
Minitronics Corp.
Plastic Capacitors, Inc.
Potter Co., The
Sangamo Electric Co.
Southern Electronics Corp.
Telectro Industries Corp.
Telectro Industries Corp.
Terminal Radio Corp.
Terminal Radio Corp.
Tobe Deutschmann Corp.
Vitramon, Inc.

# High Temperature

High Temperature

Airborne Accessories Corp.

Axel Electronics
Balco Research Labs., Inc., Capacitor Div.
Brubaker Electronics, Inc., Sub.—Telecomputing
Corp.
Cornell-Dubilier Electric Corp.
Corning Glass Works
Corson Electric Mfg. Corp.
Dearborn Electronic Laboratories
Electronic Fabricators, Inc.
Erie Resistor Corp.
Fansteel Metallurgical Corp.
John E. Fast & Co.
Filtron Co., Inc.
Good-All Electric Mfg. Co.
Gudeman Co., The
Jennings Radio Mfg. Corp.
Plastic Capacitors, Inc.
Potter Co., The
Sangamo Electric Co.
Scintilla Div., Bendix Aviation Corp.

Southern Electronics Corp. Terminal Radio Corp. Tobe Deutschmann Corp. United Electronics Co.

# High Voltage

AMP Inc.
Airborne Accessories Corp.
Axel Electronics
Balco Research Labs., Inc., Capacitor Div.
Brubaker Electronics, Inc., Sub.—Telecomputing Balco Research Labs, Inc., Sub.—Telecomputing Corp.
Dearborn Electronic Laboratories
Erie Resistor Corp.
John E. Ask Co.
Filtron Co., Inc.
Gudeman Co., The
Hammert Electric Co.
Illinois Condenser Co.
Jennings Radio Mfg. Corp.
E. F. Johnson Co.
Lapp Insulator Co., Inc., Radio Specialties Div.
Plastic Capacitors, Inc.
Potter Co., The
Radio Industries, Inc.
Sangamo Electric Co.
Scintilla Div., Bendix Aviation Corp.
Southern Electronics Corp.
Terminal Radio Corp.
Tobe Deutschmann Corp.
United Electronics Co.
\*WESTINGHOUSE ELECTRIC CORP.

# Industrial

Industrial

Axel Electronics
Brubaker Electronics, Inc., Sub.—Telecomputing
Corp.
Cornell-Dubilier Electric Corp.
Dearborn Electronic Laboratories
Electric Auto-Lite Co., The
John E. Fast & Co.
Filtron Co., Inc.
General Electric Co., Apparatus Sales Div.
P. R. Mallory & Co., Inc.
Plastic Capacitors, Inc.
Plastic Capacitors, Inc.
Potter Co., The
Sangamo Electric Co.
Scintilla Div., Bendix Aviation Corp.
Southern Electronics Corp.
Terminal Radio Corp.
Tobe Deutschmann Corp.
Tobe Deutschmann Corp.

# Metallized Paper

Cornell-Dubilier Electric Corp.
Dearborn Electronic Laboratories
Filtron Co., Inc.
Gudeman Co., The
Illinois Condenser Co.
P. R. Mallory & Co., Inc.
Potter Co., The
Peter J. Schweitzer, Inc.
Terminal Radio Corp.
Terminal Radio Corp.
Tobe Deutschmann Corp.

Cornell-Dubilier Electric Corp. Erie Resistor Corp. Sangamo Electric Co. Terminal Radio Corp.

# Mica Trimmer

Terminal Radio Corp.

## Miniature

Axel Electronics
Balco Research Labs., Inc., Capacitor Div.
Balco Research Labs., Inc., Sub.—Telecomputing
Corp.
Corp.
Cornell-Dubilier Electric Corp.
Corning Glass Works
Dearborn Electronic Laboratories
Electronic Fabricators, Inc.
Erie Resistor Corp.
Fansteel Metallurgical Corp.
John E. Fast & Co.
Filtron Co., Inc.
Good-All Electric Mfg. Co.
Gudeman Co., The
Illinois Condenser Co.
E. F. Johnson Co.
P. R. Mallory & Co., Inc.
McCoy Electronics Co.
Plastic Capacitors, Inc.
Potter Co., The
Sangamo Electric Co.
Scintilla Div., Bendix Aviation Corp.
Southern Electronics Corp.
Terminal Radio Corp.
Tobe Deutschmann Corp.
Vitramon, Inc.

# Modulated Sweep

Terminal Radio Corp. Wacline, Inc.

# Mylar Dielectric

Mylar Dielectric

Airborne Accessories Corp.
Axel Electronics
Balco Research Labs., Inc., Capacitor Div.
Cornell-Dublier Electric Corp.
Corson Electric Mfg. Corp.
Dearborn Electronic Laboratories
Electronic Fabricators, Inc.
John E. Fast & Co.
Filtron Co., Inc.
Good-All Electric Mfg. Co.
Gudeman Co., The
Illinois Condenser Co.
Lenkurt Electric Co., Inc.
Plastic Capacitors, Inc.
Potter Co., Teleric Co.
Saragono Electric Co.
Saragono Electric Co.
Tobe Deutschmann Corp.

# Neutralizing

E. F. Johnson Co. Terminal Radio Corp. Tobe Deutschmann Corp.

Axel Electronics
Cornell-Dubilier Electric Corp.
Dearborn Electronic Laboratories
John F. Fast & Co.
Filtron Co., Inc.
Good-All Electric Mfg. Co.
Gudeman Co., The
Illinois Condenser Co.
Lehigh Chemical Co.
Minneapolis-Honeywell Regulator Co., Boston
Div. Minneapolis-riolleyweii No.
Div.
Plastic Capacitors, Inc.
Potter Co., The
Sangamo Electric Co.
Terminal Radio Corp.
Tobe Deutschmann Corp.

# Oil Filled

Dil Filled

Axel Electronics
Cornell-Dubilier Electric Corp.
Dearborn Electronic Laboratories
John F. Fast & Co.
Filtron Co., Inc.
General Electric Co., Apparatus Sales Div.
Good-All Electric Mfg. Co.
Gudeman Co., The
Illinois Condenser Co.
Lenkurt Electric Co., Inc.
P. R. Mallory & Co., Inc.
Plastic Capacitors, Inc.
Potter Co. The
Sangama Electric Co.
Terminal Radio Corp.
Tobe Deutschmann Corp.

# Paper

Axel Electronics
Cornell-Dubilier Electric Corp.
Corson Electric Mfg. Corp.
Dearborn Electronic Laboratories
John E. Fast & Co.
Filtron Co., Inc.
General Electric Co., Apparatus Sales Div.
Good-All Electric Mfg. Co.
Gudeman Co., The
Illinois Condenser Co.
Lenkurt Electric Co., Inc.
P. R. Mallory & Co., Inc.
New York Coil Co., Inc.
Plastic Capacitors, Inc.
Potter Co., The
Sangamo Electric Co.
Tothe Deutschmann Corp.

## Piston

Terminal Radio Corp.

# Plastic

Plastic

Balco Research Labs., Inc., Capacitor Div.
Cornell-Dubilier Electric Corp.
Corson Electric Mfg. Corp.
Dearborn Electronic Laboratories
Electronic Fabricators, Inc.
John E. Fast & Co.
Filtron Co., Inc.
Godenan Co., The
Illinois Condenser Co.
Plastic Capacitors, Inc.
Potter Co., The
Sangamo Electric Co.
Southern Electronics Corp.
Ierminal Radio Corp.
Tobe Deutschmann Corp.
Waterbury Companies, Inc.
Westlake Plastics, CrystalX Corp.

# Plug-In

Balco Research Labs., Inc., Capacitor Div.

# ... tracking & telemetering

Cornell Dubilier Electric Corp.
Good-All Electric Mfg. Co.
Gudeman Co., The
Onondaga Pottery Co., Electronics Div.
Plastic Capacitors, Inc.,
Radio Industries, Inc.,
Sangamo Electric Co.
Terminal Radio Corp.
Westlake Plastics, CrystalX Corp.

# Polystyrene Insulated

Polystyrene Insulated
Airborne Accessories Corp.
Balco Research Labs, Inc., Capacitor Div.
Cornell-Dubilier Electric Corp.
Corson Electric Mig. Corp.
Dearborn Electronic Laboratories
Electro-Measurements Inc.
Electronic Fabricators, Inc.
John E. Fast & Co.
Filtron Co., Inc.
Good-All Electric Mig. Co.
Gudeman Co., The
Illinois Condenser Co.
Lenkurt Electric Co., Inc.
Potter Co., The
Sangamo Electric Co.
Southern Electronics Corp.
Terminal Radio Corp.
Toeb Deutschmann Corp.
Westlake Plastics, CrystalX Corp.

# Porcelain

Potter Co., The Telectro Industries Corp. Terminal Radio Corp. Vitramon, Inc.

Precision

Balco Research Labs., Inc., Capacitor Div., Brubaker Electronics, Inc., Sub.—Telecomputing Corp.

Corp., Cornell-Dubilier Electric Corp.

Corning Glass Works
Corson Electric Mig. Corp.

Dearborn Electronic Laboratories
Electronic Fabricators, Inc., Eric Resistor Corp., Good-All Electric Mig. Co. Gudeman Co., The
E. F. Johnson Co.
Leeds & Northrup Co.
Lends & Northrup Co.
Lends Lectric Co., Inc.
Potter Co., The
Sangamo Electric Co.
Southern Electronics Corp.
Telectro Industries Corp.
Telectro Industries Corp.
Tobe Deutschmann Corp.
United Electronics Co.

# Pressure Types

Sangamo Electric Co. Southern Electronics Corp. Terminal Radio Corp. Vitramon, Inc.

# Printed Circuit

Printed Circuit

Balco Research Labs., Inc., Capacitor Div.

Brubaker Electronics, Inc., Sub.—Telecomputing
Corp.
Corp.
Corp.
Cornell-Dubilier Electric Corp.
Erie Resistor Corp.
John E. Fast & Co.
Good-All Electric Mig. Co.
Gudeman Co., The
P. R. Mallory & Co. Inc.
Mica Corp.
Milmanco
Onondaga Pottery Co., Electronics Div.
Plastic Capacitors, Inc.
Radio Industries, Inc.
Sangamo Electric Co.
Southern Electronics Corp.
Terminal Radio Corp.
Terminal Radio Corp.
Tobe Deutschmann Corp.
United-Carr Fastener Corp.

# Receiver Tunina

P. R. Mallory & Co. Inc. McCoy Electronics Co. Sangamo Electric Co. Terminal Radio Corp.

# Silicone-Filled

Axel Electronics Brubaker Electronics, Inc., Sub.—Telecomputing Brubaker Electronics, Inc., Sub.—Telecomputing Corp.
Corson Electric Mfg. Corp.
Dearborn Electronic Laboratories
Filtron Co., Inc.
Gudeman Co., The
Illinois Condenser Co.
Minneapolis-Honeywell Regulator Co., Boston Plastic Capacitors, Inc. Potter Co., The Sangamo Electric Co. Terminal Radio Corp.

#### Silvered Mica

Cornell-Dubilier Electric Corp. Erie Resistor Corp. Gudeman Co., The Leeds & Northrup Co. Sengamo Electric Co. Terminal Radio Corp.

#### Standard

Airborne Accessories Corp.
Balco Research Labs., Inc.,
Boonton Electronics Corp.
Brubaker Electronics, Inc.,
Corp.
Electric Auto-Lite Co., The
Good-All Electric Mfg. Co.
E. F. Johnson Co.
Leeds & Northrup Co.
Plastic Capacitors, Inc.
Sangamo Electric Co.
Southern Electronics Corp.
Telectro Industries Corp.
Terminal Radio Corp.

# Tantalum

Cornell-Dubilier Electric Corp.
Fansteel Metallurgical Corp.
General Electric Co. Apparatus Sales Div
Gudeman Co., The.
Gudeman Co., The.
Illinois Condenser Co.
P. R. Mallory & Co. Inc.
Minitronics Corp.
Terminal Radio Corp.

Fetion

Airborne Accessories Corp.

Axel Electronics

Balco Research Labs., Inc., Capacitor Div.

Cornell-Dublier Electric Corp.

Corson Electric Mfg. Corp.

Dearborn Electronic Laboratories

Electronic Fabricators, Inc.

Filtron Co., Inc.

Good-All Electric Mfg. Co.

Gudeman Co., The

Illinois Condenser Co.

Plastic Capacitors, Inc.

Potter Co., The

Sangamo Electric Co.

Southern Electronics Corp.

Terminal Radio Corp.

Tobe Deutschmann Corp.

Tri-Point Plastics Inc.

# Temperature Compensated

Balco Research Labs., Inc., Capacitor Div. Brubaker Electronics, Inc., Sub.—Telecomputing Brubaker Electronics, Inc., Sub.—Telecor Corp.
Cornell-Dubilier Electric Corp.
Dearborn Electronic Laboratories Erie Resistor Corp.
Gudeman Co., The
Onondaga Pottery Co., Electronics Div.
Plastic Capacitors, Inc.
Radio Industries, Inc.
Sangamo Electric Co.
Southern Electronics Corp.
Terminal Radio Corp.
Terminal Radio Corp.
Tobe Deutschmann Corp.

# Transmitter Tuning

Frie Resistor Corp.
Jennings Radio Mfg. Corp.
E. F. Johnson Co.
Sangamo Electric Co.
Terminal Radio Corp.
United Electronics Co.
Vacap Corp.

# Transmitting

Cornell-Dubilier Electric Corp.
Corning Glass Works
Dolinko & Wilkens, Inc.
Erie Resistor Corp.
John E. Fast & Co.
Jennings Radio Mfg. Corp.
E. F. Johnson Co.
Plastic Capacitors, Inc.
Sangama Electric Co.
Terminal Radio Corp.
United Electronics Co.
Vacap Corp.

# Vacuum Types

Dolinko & Wilkens, Inc. Jennings Radio Mfg. Corp. Potter Co., The Terminal Radio Corp. United Electronics Co. Vacap Corp.

# Variable

Don-Lan Electronics Co.
Jennings Radio Mfg. Corp.
E. F. Johnson Co.
Lapp Insulator Co., Inc., Radio Specialties Div.
McCoy Electronics Co.
Sarkes Tarzian, Inc.
Southern Electronics Corp.
Terminal Radio Corp.
United Electronics Co.
Vacap Corp.

# CARTRIDGES, CRYSTAL

Elm Mfg. Co. Inc. Magnavox Co., The Ryan Aeronautical Co. Shure Brothers, Inc. Terminal Radio Corp.

# CASES, DIODE & TRANSISTOR

Corning Glass Works
Electrical Industries, Div. Philips Electronics, Inc.
Gasket, Packing & Specialty Co. Inc.
Terminal Radio Corp.
\*WASHINGTON ALUMINUM CO., INC.

## CASES, TRANSFORMER

ACF Industries, Inc., Advanced Products Div. General Railway Signal Co. Great Eastern Metal Products Co. Terminal Radio Corp. Transonic, Inc.

# **CATHODES**

Bram Metallurgical & Chemical Co. Superior Tube Co. Terminal Radio Corp.

# CELLS, PHOTOELECTRIC

Eastman Kodak Co. Eastman Kodak Co.
Edgerton, Germeshausen & Grier, Inc.
Electronics Corp. of America
General Electric Co., Apparatus Sales Div.
Infrared Industries Inc.
Philco Corp., Government & Industrial Divs.
Terminal Radio Corp.

# CHECKERS, CATHODE RAY TUBE

Hi-Lo Manufacturing Corp. Terminal Radio Corp. Tricraft Products Corp.

# CHECKERS, CRYSTAL RECTIFIER

Airborne Instruments Lab., Inc. Hi-Lo Manufacturing Corp. Munston Mfg. & Service, Inc. Reeves Instrument Corp. Ryan Aeronautical Co. Terminal Radio Corp. Tricraft Products Corp.

# CHECKERS, KLYSTRON TUBE

Hoover Electronics Co. Ryan Aeronautical Co. Terminal Radio Corp.

#### **CHOKES**

CHOKES

Aerolite Electronics Corp.
Airtron, Inc.
American Research & Mfg. Corp.
J. H. Bunnell & Co.
Goslin Electric & Mig. Co.
Magnetico.
Magnetico, Inc.
Magnetico, Inc.
Munston Mig. & Service, Inc.
National Coil Co.
Saratoga Industries
Sterling Transformer Corp.
Iele-Coil Co.
Transformers, Inc.
Transformers, Inc.
United Transformer Corp.
Vanguard Electronics Co.
Varo Mig. Co.
Warren Transformer Co., Inc.
Wheeler Electronic Corp., Sub.—Sperry Rand
Corp.

# CHROMATOGRAPHS, VAPOR PHASE

Consolidated Electrodynamics Corp. Hallikainen Instruments Leeds & Northrup Co. Perkin-Elmer Corp.

# CHRONOGRAPHS

Electro-Medical Lab., Inc. Hamilton Watch Co., Military Products Div.

# CHRONOMETERS

Consolidated Avionics Corp.
Hamilton Watch Co., Military Products Div.

# CIRCUITS

Advance Industries, Inc.
Alden Products Co.
BJ Electronics, Borg-Warner Corp.
Burroughs Corp.
Consolidated Avionics Corp.
Dunlap Electronics, Inc.
Dwyer Engrg. Co., Inc.
Electronic Associates, Inc.
Electronic Super, Hamilton Standard Div.,
United Aircraft Corp.
Fernanti Electric Inc.
General Railway Signal Co.
Haller Raymond & Brown Inc.
Librascope Inc.
Mica Corp.
NTI Electronics, Inc.
Potter Instrument Co., Inc.
Precision Circuits, Inc.
Reveys Instrument Corp.
Republic Aviation Corp., Guided Missiles Div.
Skiatron Electronics & Television Corp.
Star Engraving Co., Ltd.
Topper Mig. Co., Inc.
Zenith Optical Laboratory

# Computer Logic

Computer Logic

Autonetics, Div.-North American Aviation, Inc.
Bendix Aviation Corp., York Div.
Briggs Associates, Inc.
Burroughs Corp.
Burroughs Corp.
Burroughs Corp.
Burroughs Corp.
Burroughs Corp.
Burroughs Corp.
Compolidated Avionics Corp.
Dunlap Electronics, Inc.
Electronic Associates, Inc.
Electronic Associates, Inc.
Electronic Engrg. Co. of California
Epss. Inc.
Electronic Electric Inc.
Haller Raymond & Brown Inc.
Hover Electronics Co.
Kin Electronics Co.
Kin Electronics Co.
Kin Electronics Co.
Constitution of Co.

# Computer, Packaged

Advance Industries, Inc.
Alden Products Co.
Autonetics, Div.-North American Aviation, Inc.
Burrough Corp.
Burrough Corp.
Electronic Tube Div.
Cleveland Metal Specialties Co.
Computer Control Co., Inc.
Consolidated Avionics Corp.
Dunlap Electronics, Inc.
Eaton Electronics Corp.
Electronic Associates, Inc.
Electronic Engr. Co. of California
Epsco Inc.
Erie Resistor Corp.
Feedback Controls, Inc.
Ferranti Electric Inc.
Haller Raymond & Brown Inc.
Hoover Electronics Co.
La Pointe Industries Inc.
Librascope Inc.
Methode Mig. Corp.
Frecision Circuits, Inc.
Reeves Instrument Corp.
Skiatron Electronics & Television Corp.
Soroban Engrg., Inc.
Sylvania Electronic Systems, Div.-Sylvania Electric Products Inc.
Telectro Industries Corp.
Topper Mig. Co., Inc.

# Plated

Burroughs Corp.
Corning Glass Works
Dale Products, Inc.
Dunlap Electronics, Inc.
Dwyer Engrg. Co., Inc.
Eaton Electronics Corp.
Electra-Lab Inc.
Electronic Techniques, Inc.
Haller Raymond & Brown Inc.
La Pointe Industries Inc.
Librascope Inc.
Librascope Inc.
Librascope Inc.
Methode Mig. Corp.
Mica Corp.
Mica Corp.
Mica Corp.
Precision Circuits, Inc.
Printed Electronics Corp.

Skiatron Electronics & Television Corp. Star Engraving Co., Ltd.

# Plug-In

Plug-In

Advance Industries, Inc.
Alden Products Co.
Alden Products Co.
Arthur Ansley, Mfg. Co.
Autonetics, Div.-North American Aviation, Inc.
BJ Electronics, Borg-Warner Corp.
Bendix Aviation Corp., York Div.
Burroughs Corp.
Computer Control Co., Inc.
Consolidated Avionics Corp.
Dale Products, Inc.
Dunlap Electronics, Inc.
Dwyer Engrg. Co., Inc.
Electronic Associates, Inc.
Electronic Engrg. Co., of California
Electronic Engrg. Co., of California
Electronic Tengra, Co., of California
Electronic Techniques, Inc.
Electronic Engrg. Co., of California
Electronic Techniques, Inc.
Electronic Rayg. Co., of California
Electronic Techniques, Inc.
Electronic Rayg. Co.
Hamilton Standard Div.,
United Aircraft Corp.
General Railway Signal Co.
Haller Raymond & Brown Inc.
Librascope Inc.
Librascope Inc.
Liton Industries, Components Div.
Lytle Engrg. & Mfg. Co.
Methode Mfg. Corp.
NYT Electronics, Inc.
Ralph M. Parsons Co., The, Electronics Div.
Precision Circuits, Inc.
Printed Electronics & Television Corp.
Sylvania Electronic Systems, Div.-Sylvania Electric
Topper Mfg. Co., Inc.
Walkirt Co.

CLAMPS, HARNESS

# CLAMPS, HARNESS

JLAMPS, HARNESS

Aerolite Electronics Corp.
Amatom Electronic Hardware Co. Inc.
Birnbach Radio Co., Inc.
Birnbach Radio Co., Inc.
Birnbach Radio Co., Inc.
Cole-Hersee Co.
Dumont Aviation Associates
G. M. Dykes Iron Works, Inc.
Electric Auto-Lite Co., The
Elm Mfg. Co. Inc.
Hallett Mfg. Co.
Kickhaefer Mfg. Co.
Progressive Research & Development Co., Inc.
Skytronics Skytronics

TA Mfg. Corp.

United-Carr Fastener Corp.

Weckesser Co.

Winder Aircraft Corp. of Fla.

# CLIPS, ALLIGATOR

Aerolite Electronics Corp. Amatom Electronic Hardware Co. Inc. Birnbach Radio Co., Inc. Cole-Hersee Co. Mueller Electric Co.

# CLIPS, CRYSTAL DIODE

Aerolite Electronics Corp.
Amatom Electronic Hardware Co. Inc.
Atlas E-E Corp.
Hobson Brothers, Inc.
Keystone Electronics Corp.

# CLOCKS, TIME

\*A. W. HAYDON CO., THE Pic Design Corp., Sub.-Benrus Watch Co., Inc. Wakmann Watch Co. Inc.

COIL ASSEMBLIES

Ace Coil & Electronics Co.
Aerolite Electronics Corp.
American Research & Mig. Corp.
Bracford Components, Inc.
J. H. Bunnell & Co.
Caddell-Burns Mig. Co. Inc.
Dwyer Engrg. Co., Inc.
Electro Engrg. Works
Epco Products Inc.
General Railway Signal Co.
Hallett Mig. Co.
Hindle Transformer Co. Inc.
E. F. Johnson Co.
XKAHN & CO., INC.
Mar Vista Engrg. Co.
J. W. Miller Co.
J. J. Monaghan Co., Inc.
NYT Electronics, Inc.
National Coil Co.
North Hills Electric Co., Inc.
Precision, Inc.
Redman Electronics Corp.
Rowe Industries
Saratoga Industries
Sioux Radio Products
Standard Electromagnetics, Inc.
Sylvania Electroic Systems, Div.-Sylvania Electric
Tele-Coil Co.

Telectro Industries Corp.
Transvision, Inc.
Tri-Dex Co.
Tri-Dex Co.
Tur-Bo Jet Products Co., Inc.
Vanguard Electronics Co.
Varo Mig. Co.
Waldom Electronics Inc.
Warren Transformer Co., Inc.
Western Coil Products Co.
Winatic Corp., The
Winder Aircraft Corp. of Fla.
Wright Zimmerman, Inc.

# COILS

Ace Coil & Electronics Co.
Advance Industries, Inc.
Advance Industries, Inc.
Aerolite Electronics Corp.
American Research & Mrg. Corp.
Bradford Components, Inc.
J. H. Bunnell & Co.
Caddell-Burns Mrg. Co. Inc.
Cycle Transformer Corp.
Electrical Windings, Inc.
Electro Engrg. Works
Electronic Transformer Co., Inc.
Egeneral Railway Signal Co.
Hindle Transformer Co. Inc.
Illumitronic Engrg. Co.
E. F. Johnson Co.
Magnetico, Inc.
Mar Vista Engrg. Co.
Mar Vista Engrg. Co.
Mare Electronics, Inc.
Microtran Co. Inc.
J. W. Miller Co.
Modelectric Products Corp.
J. J. Monaghan Co., Inc.
North Hills Electronics, Inc.
North Hills Electronics, Inc.
North Hills Electronics
Inc.
Redman Electronics Corp.
Saratoga Industries
Sioux Radio Products
Standard Electromagnetics, Inc.
Redman Electronic Systems, Div.-Sylvania Electronic Sylvania Electronic Systems, Div.-Sylvania Electronic Sylvania Electronic Co.
Tur-Bo Jet Products Co., Inc.
Vanguard Electronics Co.
Vanguard Electronics Inc.
Warren Transformer Co., Inc.
Warren Transformer Co., Inc.
Western Coil Products Co.
Winatic Corp., The

COLLECTOR RINGS

# COLLECTOR RINGS

Airflyte Electronics Co.
Amplex Div.-Chrysler Corp.
Electro Tec Corp.
Electro Miniatures Corp.
Engelhard Industries Inc., D. E. Makepeace Div.
General Findings & Supply Co., Industrial Div.
General Findings & Supply Co., Industrial Div.
General Electric Co.

\*\*GRAPHITE METALLIZING CORP.
Leach & Genner Co., Industrial Div.
Metals & Controls Corp.
Poly-Scientific Corp.
\*\*SSLIP RING Co. OF AMERICA
Superior Carbon Products, Inc.
Tricon Mfg. Co.
Uniwave, Inc.

# COMMUNICATIONS SYSTEMS

Alden Electronic & Impulse Recording Equip. Co.
Bliss Electronic Corp.
\*DATA-CONTROL SYSTEMS INC.
Edgerton, Germeshausen & Grier, Inc.
Electronic Communications, Inc. Eageron, Germeshausen & Grier, Inc.
Electronic Communications, Inc.
Executione, Inc.
Hogan Laboratories, Inc.
Lane Electronics Mig. Corp.
Lenkurt Electric Co., Inc.
Motorola Inc., Military Marketing Div.
North Electric Co.
Resdel Engrg. Corp.
Seeburg Corp., The
Skiatron Electronics & Television Corp.
Stromberg-Carlson, Electronics Div.
Stromberg-Carlson, Electronics Div.
Stromberg-Carlson, Electronics Div.
Fleating Products Inc.
Telectro Industries Corp.
Varo Mig. Co.
Winder Aircraft Corp. of Fla.
Wunderlich Radio Co.

# COMMUTATORS, SWITCHING

Airflyte Electronics Co.
Arnoux Corp.
Burroughs Corp., Electronic Tube Div.
Computer Instruments Corp.
\*\*PATA-CONTROL SYSTEMS INC.
Electro Tec Corp.
Electro Tec Corp., Virginia Div.
Electro-Miniatures Corp.

# ... tracking & telemetering

Instrument Development Laboratories, Inc. La Pointe Industries Inc. Instrument Description of America La Pointe Industries Inc.
Librascope Inc.
Mycalex Corp. of America Pacific Div.-Bendix Aviation Corp.
Seeburg Corp., The Skiatron Electronics & Television Corp.
\*SLIP RING CO. OF AMERICA Talley Corp., The Telechrome Mfg. Corp.
Telectro Industries Corp.
Winder Aircraft Corp. of Fla.

# COMPARATORS

Aeronca Mfg. Corp. American Research & Mfg. Corp. Aeronca Mig. Corp.
American Research & Mig. Corp.
Baird-Atomic, Inc.
Barnes Development Co.
Bendix Aviation Corp., York Div.
Brush Instruments, Div.-Clevite Corp.
Cleveland Instrument Co.
Consolidated Avionics Corp.
\*\*COOPER DEVELOPMENT CORP.
Davenport Mig. Co.
Duyer Engrg. Co., Inc.
Dynac, Inc.
Gertsch Products Inc.
Jones & Lamson Machine Co.
Optimized Devices, Inc.
Perkin-Elmer Corp.
Reeves Instrument Corp.
Telectro Industries Corp.
Varo Mig. Co.

# Automatic Resistance

Barnes Development Co.
California Technical Industries, Div.-Textron Inc.
Data Instruments, Div.-Telecomputing Corp.
Non-Linear Systems Inc.
Optimized Devices, Inc.
Ryan Aeronautical Co.
Telectro Industries Corp.

# Capacitance

Barnes Development Co. Boonton Electronics Corp. California Technical Industries, Div.-Textron Inc. Telectro Industries Corp. Transformers, Inc.

# Circuit Linearity

California Technical Industries, Div.-Textron Inc. Gertsch Products Inc. Telectro Industries Corp.

# Dielectric

Telectro Industries Corp.

#### Iron Core

Magnetic Core Corp. Telectro Industries Corp.

Telectro Industries Corp.

# Voltage

American Research & Mfg. Corp.
California Technical Industries, Div.-Textron Inc.
Casolidated Avionics Corp.
\*COOPER DEVELOPMENT CORP. Davenport Mfg. Co. Dwyer Engrg. Co., Inc.

Dwyer Engrg. Co., Inc.
Dynac, Inc.
John Fluke Mfg. Co., Inc.
North Atlantic Industries, Inc.
Non-Linear Systems Inc.
Reeves Instrument Corp.
Ryan Aeronautical Co.

## COMPASSES

Eclipse-Pioneer Div., Bendix Aviation Corp. Kearfott Co., Inc.
Kollsman Instrument Corp., Sub.-Standard Coil
Products Co. Inc. Lear, Inc. Librascope Inc. Perkin-Elmer Corp.

# COMPUTER INPUT EQUIPMENT

Alwac Corp.
\*AMERICAN MACHINE & FOUNDRY CO.
Analogue Controls, Inc.
Bendix Aviation Corp., York Div.
Bendix Computer, Div.-Bendix Aviation Corp.
Burroughs Corp.
Chicago Div.-American Bosch Arma Corp.
Coleman Engra, Co., Inc.
Consolidated Avionics Corp.
Consolidated Avionics Corp.
Consolidated Avionics Corp.
James Counningham Son & Co., Inc.
Dynac, Inc.

Eclipse-Pioneer Div., Bendix Aviation Corp. Electronic Associates, Inc. Electronic Engrg. Co. of California Ferranti Electric Inc. Fischer & Porter Co. Industrial Control Co. Kearfoft Co., Inc. Librascope Inc. Mechanical Div.-General Mills, Inc. F. L. Moseley Co., Potter Instrument Co., Inc. RADIATION, INC. F. L. Moseley Co.
Potter Instrument Co., Inc.
\*RADIATION, INC.
Reves Instrument Corp.
\*RESEARCH & ADVANCED DEVELOPMENT DIV.,
AVCO MFG. CORP.
Servomechanisms, Inc.
Skiatron Electronics & Television Corp.
Soroban Engrg., Inc.
Stromberg-Carlson, Electronics Div.
Telectro Industries Corp.
Thompson-Ramo-Wooldrige Products Co., The
Wacline, Inc.

\*WESTINGHOUSE ELECTRIC CORP., AIR ARM

# COMPUTER OUTPUT EQUIPMENT

Alwac Corp.

\*AMERICAN MACHINE & FOUNDRY CO.

Analogue Controls, Inc.
Bendix Aviation Corp., York Div.
Bendix Aviation Corp., York Div.
Bendix Computer, Div.Bendix Aviation Corp.
Benson-Lehner Corp.
Burroughs Corp.
Chicago Div., American Bosch Arma Corp.
Consolidated Avionics Corp.
James Cunningham Son & Co., Inc.
Dynac, Inc.
Eclipse-Pioneer Div., Bendix Aviation Corp.
Electronic Associates, Inc.
Electronic Associates, Inc.
Electronic Cassociates, Inc.
Electronic Engra. Co. of California
Fischer & Porter Co.
Industrial Control Co.
Kearfort Co., Inc.
Librascope Inc.
Mchanical Div.-General Mills, Inc.
Milman Engra. Co.
F. L. Moseley Co.
Non-Linear Systems Inc.
Potter Instrument Corp.
\*RESEARCH & ADVANCED DEVELOPMENT DIV.,
AVCO MFG. CORP.
Servomechanisms, Inc.
Skiatron Electronics & Television Corp.
Soroban Engra, Inc.
Stromberg-Carlson, Electronics Div.
Telectro Industries Corp.
Thompson-Rame-Wooldridge Products Co., The
\*WESTINGHOUSE ELECTRIC CORP., AIR ARM
DIV.

# COMPUTERS

Advance Industries, Inc.
Allegany Instrument Co., Inc.
Analogue Controls, Inc.
Autonetics, Div.-North American Aviation, Inc.
Bendix Aviation Corp., York Div.
Benson-Lehner Corp.
COC Control Services, Inc.
Consolidated Avionics Corp.
Electro-Measurements Inc.
Electro-Measurements Inc.
Electro-Measurements Inc.
Electronic Communications, Inc.
Electronic Dept., Hamilton Standard Div., United
Aircraft Corp.
Emerson Electric Mfg. Co., The, Electronics &
Avionics Div.
Ferranti Electric Inc.
George F. Forbes, Industrial Mathematician,
Publisher
GPS Instrument Co., Inc.

George F. Forbes, Industrial Mathematician, Publisher
GPS Instrument Co., Inc.

\*GARREIT CORP., THE, AIRESEARCH MFG. DIVS. General Controls Co., General Controls Co., General Railway Signal Co., Haller Raymond & Brown Inc. Kearfott Co., Inc.

\*WALLACE O. LEONARD, INC.
Librascope Inc.
Mid-Century Instrumatic Corp.
Motorola Inc., Military Marketing Div., Philoo Corp., Government & Industrial Divs.
Radio Corporation of America, Defense Electronic Products
Revess Instrument Corp.

\*RESEARCH & ADVANCED DEVELOPMENT DIV., AVCO MFG. CORP.
Skiatron Electronics Systems, Div.-Sylvania Electronic Systems, Div.-Sylvania Ele

# Air Data

American Electronics, Inc., Data-Tronics Div.
\*AMERICAN MACHINE & FOUNDRY CO.
Analogue Controls, Inc.
Autonetics, Div.-North American Aviation, Inc.
Bowmar Instrument Corp.
CDC Control Services, Inc.
Consolidated Avionics Corp.

Consolidated Controls Corp.

\*DATA-CONTROL SYSTEMS INC.

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Electronics Dept., Hamilton Standard Div., United
Aircraft Corp.
Feedback Controls, Inc.
George F. Forbes, Industrial Mathematician,
Publisher George F. Forbes, Industrial Mathematician, Publisher

\*GARRETT CORP., THE, AIRESEARCH MFG. DIVS. General Controls Co.
Haller. Raymond & Brown Inc. Kearfort Co., Inc.
Kollsman Instrument Corp., Sub.—Standard Coil Products Co. Inc.

\*WALLACE O. LEONARD, INC.
Librascope Inc.
WALLACE To. LEONARD, INC.
Librascope Inc.
Wy. L. Maxson Corp., The Mechanical Div.-General Mills, Inc.
Nuclear Products-Erco, Dvi.-ACF Industries, Inc., Philico Corp., Government & Industrial Divs. Revers Instrument Corp.
Servomechanisms, Inc.
Skiatron Electronics & Television Corp., Sylvania Electronic Systems, Div.-Sylvania Electronic To.
United Control Corp.

# Analog

Analog

Advance Industries, Inc.
Allegany Instrument Co., Inc.
American Electronics, Inc.
American Electronics, Inc.
American Electronics, Inc.
American Electronics, Inc.
Autonetics, Div.-North American Aviation, Inc.
Bendix Computer, Div.-Bendix Aviation Corp.
Bowmar Instrument Corp.
Briggs Associates, Inc.
CDC Control Services, Inc.
CDC Control Services, Inc.
CDC Control Services, Inc.
CDC Control Services, Inc.
CEIestronic Associates, Inc.
Electronic Associates, Inc.
Electronic Associates, Inc.
Electronic Associates, Inc.
Electronic Corp. of America
Electronics Corp. of America
Electronics Corp. of America
Electronics Corp. of Industrial Mathematician, Publisher
GPS Instrument Co., Inc.
George F. Forbes, Industrial Mathematician, Publisher
GPS Instrument Co., Inc.
General Controls Co.
General Railway Signal Co.
Haller Raymond & Brown Inc.
Industrial Control Co.
Kearfott Co., Inc.
Kearfott Co., Inc.
Kollsman Instrument Corp., Sub.-Standard Coil
Products Co. Inc.
WALLACE O. LEONARD, INC.
Librascope Inc.

Keartott Co., Inc. Kollsman Instrument Corp., Sub.-Standard Coil Products Co. Inc.
\*WALLACE O. LEONARD, INC.
Librascope Inc.
W. L. Maxson Corp., The Mechanical Div.-General Mills, Inc.
Mid-Century Instrumatic Corp.
Nuclear Products-Erco, Div.-ACF Industries, Inc.
George A. Philbrick Researches, Inc.
Philco Corp., Government & Industrial Divs.
Reeves Instrument Corp.
Servomechanisms, Inc.
Skiatron Electronics & Television Corp.
Southwestern Industrial Electronics Co.
Stromberg-Carlson, Electronics Div.
Technical Oil Tool Corp.
\*\*WESTINGHOUSE ELECTRIC CORP., AIR ARM
DIV.

## Course Line

Analogue Controls, Inc.
Anutonetics, Div.-North American Aviation, Inc.
Bowmar Instrument Corp.
CDC Control Services, Inc.
Collins Radio Co.
Eclipse-Pioneer Div., Bendix Aviation Corp.
Eclipse-Pioneer Div., Bendix Aviation Corp.
Eclipse-Pioneer Div., Bendix Aviation Corp.
George F. Forbes, Industrial Mathematician,
Publisher
Haller Raymond & Brown Inc.
Kearfott Co., Inc.
Librascope Inc.
W. L. Maxson Corp., The
Mechanical Div.-General Mills, Inc.
Mid-Century Instrumatic Corp.
Philco Corp., Government & Industrial Divs.
Reeves Instrument Corp.
Skiatron Electronics & Television Corp.

# Data Processing

Data Processing

American Electronics, Inc.

\*AMERICAN MACHINE & FOUNDRY CO.

Analogue Controls, Inc.

Autonetics, Div.-North American Aviation, Inc.

Baird-Atomic, Inc.

Bendix Aviation Corp., York Div.

Benson-Lehner Corp.

Bowmar Instrument Corp.

Briggs Associates, Inc.

Burroughs Corp.

CDC Control Services, Inc.

Collins Radio Co.

Computer Control Co., Inc.

Consolidated Avionics Corp.

\*DATA-CONTROL SYSTEMS INC.
Electronic Associates, Inc.
Electronic Communications, Inc.
Electronics Engrg, Co. of California
Electronics Dept., Hamilton Standard
United Aircraft Corp. Div. Electronics Dept., Hamilton Standard Div.,
United Aircraft Corp.
Epsco Inc.
Ferranti Electric Inc.
Fischer & Porter Co.
General Railway Signal Co.
Hallamore Electronics Co.
Hallamore Electronics Co.
Haller Raymond & Brown Inc.
Kearfott Co., Inc.
Kin Tel Div.-Cohu Electronics, Inc.
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Stromberg-Carlson, Electronics Div.
Sylvania Electronics Systems, Div.-Sylvania Electronics Tric Products Inc.
Thompson-Ramo-Wooldridge Products Co., The
Telectro Industries Corp.

# Digital

Advance Industries, Inc.
Alwac Corp.
American Electronics, Inc.
\*AMERICAN MACHINE & FOUNDRY CO.
\*Analogue Controls, Inc.
Baird-Atomic, Div., North American Aviation, Inc.
Baird-Atomic, Inc.
Bendix Aviation Corp., York Div.
Bendix Aviation Corp., Brings Associates, Inc.
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Brings Associates, Inc.
Computer Control Co., Inc.
Comput

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Bowmar Instrument Corp.
Burroughs Corp.
COLID Radio Co.
Eclipse-Pioneer Div., Bendix Aviation Corp.
Electronics Dept, Hamilton Standard Div.,
United Aircraft Corp.
Emeloid Co. Inc., The
George F. Forbes, Industrial Mathematician,
Publisher
Haller Raymond & Brown Inc.
Kearfott Co., Inc.
Collsman Instrument Corp., Sub.-Standard Coil
Products Co. Inc.
Librascope Inc.
W. L. Maxson Corp., The
Mechanical Div.-General Mills, Inc.
Nuclear Products-Erco, Div.-ACF Industries, Inc.
Philos Corp., Government & Industrial Divs.
Reeves Instrument Corp.
Skiatron Electronics & Television Corp.
Staiton Electronics Systems, Div.-Sylvania Electric Products Inc.
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Mendelsohn Speedgun Co., Inc.
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Stevens Products, Inc.
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# CONNECTORS

CONNECTORS

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Aerolite Electronics Corp.,
Alden Products Co.
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Birnbach Radio Co., Inc.,
Burndy Corp., Omaton Div.
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Circon Component Corp.
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Dage Electric Co., Inc.,
Elec Corp.,
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Enflo Corp.,
Garde Mig. Co.
\*Garde Mig. Co.
\*General R-F Fittings, Inc.,
Hobson Brothers, Inc.,
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Howard B. Jones Div.-Cinch Mig. Corp.
Kasar Mig. & Distributing Co., Inc.,
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Malco Too & Mig. Co.
Methode Mig. Corp.
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\*HAROLD H. POWELL CO.
Richards Electrocraft, Inc.
Corp.
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Titeflex, Inc.
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Corp.
U. S. Component Inc.

Corp.
U. S. Component Inc.
Western International Co.
Winchester Electronics, In

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Burroughs Corp.
Cameraflex Corp.
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Daven Co., The
Davenport Mfg. Co.
\*EASTERN INDUSTRIES, INC.
Electronics Dept., Hamilton Standard Div.,
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\*A. W. HAYDON Co., THE
Industrial Electronic Engineers
Leeds & Northrup Co.
Librascope Inc.
Republic Aviation Corp., Guided Missiles Div.
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Tensor Electric Development Co., Inc.
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# Broadcast Input

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# Camera

Abrams Instrument Corp.
Cameraflex Corp.
Dunlap Electronics, Inc.
Edgerton, Germeshausen & Grier, Inc.
J. W. Fecker, Inc. Sub-American Optical Co.
\*HATWARD SCIENTIFIC GLASS CORP.
Librascope Inc.
J. A. Maurer. Inc. J. A. Maurer, Inc.

\*MISSILE COMPONENTS GROUP, ELECTROSNAP SWITCH & MFG. CO.
Traid Corp.

# Camera, Remote

Abrams Instrument Corp.
Cameraflex Corp.
Edgerton, Germeshausen & Grier, Inc.
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J. W. Fecker Inc. Sub. American Optical Co.
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Traid Corp.

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Daven Co., The
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Electric Eye Eguipment Co.
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Mast Development Co., Inc.
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SNAP SWITCH & MFG. CO.
Potter Instrument Co., Inc.
Skiatron Electronics & Television Corp.
Soroban Engrg., Inc.

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Master

# CDC Control Services, Inc. Cutler-Hammer Inc. \*MISSILE COMPONENTS GROUP, ELECTROSNAP SWITCH & MFG. CO. Thompson-Ramo-Wooldridge Co., The

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Amarican Research & Mfg. Corp.
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Guidad Missile Div.-De Havilland Aircraft of
Canada, Ltd.
E. Vernon Hill & Co.
Hoffman Electronics Corp., Semiconductor Div.
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Reeves Instrument Corp.
Superior Electric Co., The
Tel-Instrument Electronics Corp.
Wacline, Inc.

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CONVERTERS

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Airborna Accesories Corp.
Airborna Accesories Corp.
Alto Scientific Co., Inc.
\*\*AMERICAN MACHINE & FOUNDRY CO.
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Bendix Aviation Corp., Red Bank Div.
Bogue Electric Mfg. Co.
Consolidated Controls Corp.
Coubic Corp.
Data Instruments, Div.-Telecomputing Corp.
Data Instruments, Div.-Telecomputing Corp.
Data Instruments, Div.-Telecomputing Corp.
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Data Instruments Div.-Telecomputing Corp.
Data Corp.
Data Instruments Div.-Telecomputing Corp.
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Data Corp.
Data Corp.
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Redmond Co., Inc.
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Skiatron Electronics & Tolevision Corp.
Southwestern Industrial Electronics Co.
Tally Register Corp.
Telectro Industries Corp.
Thompson-Ramo-Wooldridga Co., The
Varo Mfg. Co.
Vibration Research Labs., Inc.
Wincharger Corp.

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Benson-Lehnar Corp.
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Computer Control Co., Inc.
Consolidated Controls Corp.
Consolidated Controls Corp.
Cubic Corp.
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Data Instruments, Div.-Telecomputing Corp.
Data Instruments, Div.-Telecomputing Corp.
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Fischer & Porter Co. Epsco Inc.
Fischer & Porter Co.
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Kollsman Instrument Corp., Sub.—Standard Coil
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\*\*RADIATION, INC.
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Skiatron Electronics & Television Corp.
Streeter-Amet Co.
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Talectro Industries Corp.
Talectro Industries Corp.
Thompson-Ramo-Wooldridge Products Co., The
Wayne-George Corp.
\*\*WESTINGHOUSE ELECTRIC CORP., AIR ARM
DIV.

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Bogue Electric Mig. Co.
Georator Corp.
Guidad Missila Div.-De Havilland Aircraft ol Canada, Ltd.
Herner Electric Co., The
\*INTERELECTRONICS CORP.
Gerard G. Leeds Co., Inc.
\*RADIATION, INC.
Skiafron Electronics & Talavision Corp.
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Telkor, Inc. Telkor, Inc. Varo Mfg. Co. Vibration Research Labs., Inc. Wincharger Corp.

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Damornay-Bonardi
Electronic Instrumentation Co., Div.—RamoWooldridge Corp.
J-Y-M Microwave Co.
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# R-F

Applied Research Inc. Blonder-Tongue Labs., Inc. Hallamora Electronics Co. J-V-M Microwave Co.

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# Voltage

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Mercury Electronic Co.,
Minneapolis-Honeywell Regulator Co., Indust.
Div. Minneapolis-rioneyweii Div.
Power Sources, Inc.
Reeves Instrument Corp.
Sangamo Electric Co.
Southwestern Industrial Electronics Co.
United Electrodynamics, Div.-United Geophysical Corp. Varo Mfg. Co. Vibration Research Labs., Inc. Waveform

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Eliis & Warts Products, Inc.
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\*GARRETT CORP., THE, AIRESEARCH MFG. DIVS.
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South Wind Div., Stewart-Warner Corp.
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Task Corp.
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Telachrome Mfg. Corp.
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Radio Cores, Inc.
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# C Type

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Auburn Spark Plug Co., Inc.
Electric Auto-Lita Co., The
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Lapp Insulator Co., Inc., Radio Specialties Div.
D. M. Steward Mfg. Corp.
Superex Electronics Corp.

Arnold Engrg. Co., The

# E Type

Arnold Engrg. Co., The D. M. Staward Mfg. Co.

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Arnold Engrg. Co., The
General Carmanics Corp.
Kearfott Co., Inc.
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Superex Electronics Corp.
Thermo Materials, Inc.

# High Permeability Magnetic

Advance Industries, Inc. Arnold Engrg. Ce., The G-L Electronics Co., Inc. Radio Cores, Inc. D. M. Steward Mfg. Co.

Arnold Engrg. Co., The Castom Components, Inc. Radio Cores, Inc.

# Laminated

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#### Powdered

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Arnold Engrg. Co., The
Custom Components, Inc.,
Redio Cores, Inc.,
Superex Electronics Corp.
Superior Carbon Products, Inc.,
\*WESTINGHOUSE ELECTRIC CORP.

Arnold Engrg. Co., The Custom Componnts, Inc. Radio Cores, Inc. D. M. Steward Mfg. Co.

# Tape Wound

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# COUNTING DEVICES

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\*AMERICAN MACHINE & FOUNDRY CO.
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Burroughs Corp., Electronic Tube Div.
Coleman Engrg. Co., Inc.
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Digitran Co., The
Dunlap Electronics, Inc.
Durent Mfg. Co.
Dynac, Inc.
Electric Eye Equipment Co.
Electric Eye Equipment Co.
Electrorics Corp. of America
Electrorics Corp. of America
Electrorics Corp.
Eact Engra Mfg. Inc.
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General Railway Signal Co.
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Cathorator Co.
Hamner Electronics Co., Inc.
Cathorator Co.
Mast Development Co.
Ererd G. Leeds Co., Inc.
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Stromberg-Carlson, Electronics Div.
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Walkirt Co.

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Diamond Antenna & Microwave Corp.
Haller Raymond & Brown Inc.
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Keerfott Co., Inc.
Microlab
Microwave Electronics Div., Sperry Gyroscope
Co.
Narda Microwave Corp., The
Omega Labs., Inc.
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\*TELERAD MFG. CORP.
Uniwave, Inc.
Waveline, Inc.
Wastlbury Electronics Inc.

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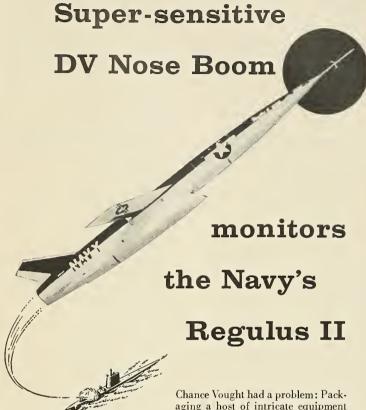
Amelco, Inc. Diamond Antenna & Microwave Corp. Haller Raymond & Brown Inc.

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Diamond Antenna & Microwave Corp.
Haller Raymond & Brown Inc.
Prodelin Inc.
Technical Appliance Corp.

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Demonay-Bonardi
Diamond Antenna & Microwave Corp.,
Douglas Microwave Co., Inc.,
\*GRAPHITE METALLIZING CORP.
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Microwave Electronics Div., Sperry Gyroscope
Co.



aging a host of intricate equipment in a needle-thin boom to monitor the

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Dalmo Victor's engineering skill, acquired through development of airborne radar scanner designs, provided the answer!

The ten-foot DV pitot static boom, as accepted by the Navy, meets these most exacting design requirements and provides vital data, including airspeed and altitude, as well as angles of attack and yaw.

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Waveline, Inc.
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Waveguide, Inc.
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James Knights Co., The
McCoy Electronics Co.
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Arnoux Corp.
Benson-Lehner Corp.
Benson-Lehner Corp.
Benson-Lehner Corp.
Burroughs Corp.
Cameraflex Corp.
Century Electronics & Instruments, Inc.
Coleman Engra, Co., Inc.
Colosolidated Avionics Corp.
Consolidated Avionics Corp.
Consolidated Electrodynamics Corp.
Cubic Corp.
Data Instruments, Div-Telecomputing Corp.
Electronics Corp. of America
Emergon Electronics Corp. of America
Emergon Electronics Corp.
FILGHT RESEARCH, INC.
FILGHT RESEARCH, INC.
FILGHT RAYMOND & Brown Inc.
Lear, Inc., Grand Rapids Div.
Librascope Inc.
Maico Electronics, Inc.
Petrin-Elmer Corp. Alden Electronic & Impulse Recording Equip.

\*RADIATION, INC.
Reeves Instrument Corp.
Skiatron Electronics & Television Corp.
Telectro Industries Corp.
Thompson Ramo-Wooldridge Products Co., The

Recorders, Analog

Alden Electronic & Impulse Recording Equip. Co.
Allegany Instrument Co., Inc.
American Electronics, Inc.
Aermican Electronics, Inc., Data-Tronics Div.
\*AMERICAN MACHINE & FOUNDRY CO.
Analogue Controls, Inc.
Antiab Inc. Analogue Controls, Inc.
Annua Dinc.
Annux Corp.
Anoux Corp.
Austin Co., The, Special Devices Div.
Autonetics, Div.-North American Aviation, Inc.
Bandix Computer, Div.-Bendix Aviation Corp.
Barro-Morting Inc.
Bendix Computer, Div.-Bendix Aviation Corp.
Burroughs Corp.
Centronix Inc.
Cellury Electronics & Instruments, Inc.
Coleman Engra, Co., Inc.
Consolidated Avionics Corp.
Consolidated Avionics Corp.
Consolidated Avionics Corp.
Consolidated Feet Corp.
Feet Redrick & Miller Corp.
Feet Redrick & Miller Corp.
Fischer & Porter Co.
General Precision Lab. Inc.
Heiland Div.—Minneapolis-Honeywell
Hogan Laboratories, Inc.
Instruments Corp., The
Kinevox-Hallen
Gerard G. Leeds Co., Inc.
Leeds & Northrup Co.
Librascope Inc.
Magnasync Mfg. Co., Ltd. Leeds & Northrup Co. Librascope Inc. Magnasync Mfg. Co., Ltd. Mafco Electronics, Inc. Massa Labs., Inc. Minneapolis-Honeywell Regulator Co. Minneapolis-Honeywell Regulator Co., Indust. Minneapon.
Div.
F. L. Moseley Co.
Northam Electronics, Inc.
Offner Electronics Inc.
Patter Aeronautical Corp.

Offiner Electronics Inc.
Potter Aeronautical Corp.
\*RADIATION, INC.
Reeves Instrument Corp.
Sanborn Co.
Skiatron Electronics & Television Corp.
Streeter-Amet Co.
Telectro Industries Corp.
Thompson-Ramo-Wooldridge Products Co., The

# Recorders, Digital

Recorders, Digital

Alden Electronic & Impulse Recording Equip.
Co.
Allegany Instrument Co., Inc.
American Electronics, Inc.
Austin Co., The, Special Devices Div.
Autonetics, Div.North American Aviation, Inc.
Bl Electronics, Borg-Warner Corp.
Baird-Atomic, Inc.
Bendix Computer, Div.Bendix Aviation Corp.
Benson-Lehner Corp.
Burrough Corp.
Centronix Inc.
Coleman Engrq. Co., Inc.
Coleman Engrq. Co., Inc.
Conputer-Measurements Corp.
Consolidated Avianics Corp.
Consolidated Avianics Corp.
Consolidated Electrodynamics Corp.
James Cunningham Son & Co., Inc.
Data Instruments, Div.-Telecomputing Corp.
Data Instruments, Div.-Telecomputing Corp.
Data Instruments, Div.-Telecomputing Corp.
Electronic Associates, Inc.
Sherman Fairchild & Assoc. Inc.
Fischer & Porter Co.
General Precision Lab. Inc.
General Railway Signal Co.
Haller Raymond & Brown Inc.
Hanson-Gorrill-Brian, Inc.
Laboratory for Electronics, Inc.
Gerard G. Leeds Co., Inc.
Librascope Inc.
Minneapolis-Honeywell Regulator Co., Indust.
Div.
F. L. Moseley Co.
Non-Linear Systems Inc.
Northam Electronics, Inc.
Potter Aeronautical Corp.
Potter Instrument Co., Inc.
\*RADIATION, INC.
Reves Instrument Co., Inc.
Skiatron Electronics & Television Corp.
Screeter-Amet Co.
Tally Register Corp.
Telectro Industries Corp.
Thompson-Ramo-Wooldridge Products Co., The Alden Electronic & Impulse Recording Equip.

Recording Equipment

Recording Equipment

Alden Electronic & Impulse Recording Equip.
Co.
Allegany Instrument Co., Inc.
American Electronics, Inc.
Baires Development Co.
Benson-Lehner Corp.
Barush Instruments, Inc.
Baird-Atomic, Inc.
Barres Development Co.
Benson-Lehner Corp.
Cameraflex Corp.
Cameraflex Corp.
Centronix Inc.
Century Electronics & Instruments, Inc.
Coleman Engrg. Co., Inc.
Consolidated Avionics Corp.
Consolidated Avionics Corp.
Consolidated Electrodynamics Corp.
Curtiss-Wright Corp., Electronics Div.
\*\*DATA-CONTROL SYSTEMS INC.\*\*
Datex Div., G. M. Giannini & Co., Inc.
Edgerton, Germeshausen & Grier, Inc.
Electromation Co.
Electromation Co.
Electronic Associates, Inc.
Fischer & Porter Co.
\*\*FLIGHT RESEARCH, INC.
General Precision Lab. Inc.
Haller Raymond & Brown Inc.
Hogan Laboratories, Inc.
Instruments Corp., The
Kinevox-Hallen
Gerard G. Leeds Co., Inc.
Leeds & Northrup Co.
Massa Labs., Inc.
Minneapolis-Honeywell Regulator Co., Indust.
Div.
J. A. Maurer, Inc.

Massa Labs., Inc.
Minneapolis-Honeywell Regulator Co., Indust.
Div.
J. A. Maurer, Inc.
Minneapolis-Honeywell Regulator Co.
F. L. Moseley Co.
Northam Electronics, Inc.
Offiner Electronics Inc.
Optomechanisms Inc.
Perkin-Elmer Corp.
Potter Aeronautical Corp.
Potter Aeronautical Corp.
Potter Onstrument Co., Inc.
Traid Corp.
\*RADIATION, INC.
Radiation Counter Labs., Inc.
Reeves Instrument Corp.
\*RESEARCH & ADVANCED DEVELOPMENT DIV.,
AVCO MFG. CORP.
Research Appliance Co.
Sanborn Co.
Skiatron Electronics & Television Corp.
Soroban Engrg., Inc.
Tally Register Corp.
Telectro Industries Corp.
Telectro Industries Corp.
Thompson-Ramo-Wooldridge Products Co., The

# DECADE BOXES

Aerolite Electronics Corp.
Barnes Development Co.
Clarostal Míg. Co., Inc.
Cornell-Dubilier Electric Corp.
ECS Corp.
Electro-Tech Equipment Co.
Industrial Instruments Inc.
Gerard G. Leeds Co., Inc.
Leeds & Northrup Co.
Minneapolis-Honeywell Regulator Co., Indust,
Div. Div.
Simmonds Aerocessories, Inc. Telectro Industries Corp.
Telonic Industries, Inc.
United Transformer Corp.

# **DECODERS**

Bendix Aviation Corp., York Div.
Burroughs Corp., Electronic Tube Div.
Collins Radio Co.
Dynac, Inc.
ECS Corp., Edgerton, Germeshausen & Grier, Inc.
ECS Corp.
Edgerton, Germeshausen & Grier, Inc.
Fenske Fedrick & Miller Co.
General Railway Signal Co.
Hamilton Watch Co., Military Products Div.
Industrial Electronic Engineers
Munston Mfg. & Service, Inc.
Orbitran Co., Inc.
Reeves Instrument Corp.,
Reeves Instrument Corp., Guided Missiles Div.
Skiatron Electronics & Television Corp.,
Stewart-Waner Corp.
Telectro Industries Corp.

# DELAY LINES

Alden Products Co.
Andersen Laboratories, Inc.
Biliey Electric Co.
Richard D. Brew & Co., Inc.
Burnell & Co., Inc.
Celco-Constantine Engrg, Laboratories Co.
Computer Control Co., Inc.
Daven Co., The
Digitronics Corp.
ECS Corp.
ECS Corp.
ECS Corp.
ESSCO Inc. Epsco Inc. Ferranti Electric Inc.

Filtron Co., Inc.
Fugle-Miller Labs Inc.
Gudeman Co., The
North Aflantic Industries, Inc.
Laboratory for Electronics, Inc.
Librascope Inc.
NYT Electronics, Inc.
Orbitran Co., Inc.
Redman Electronics Corp.
Southwestern Industrial Electronics Co.
Stewart-Warner Corp.
Technitrol Engrq. Co.
Telectro Industries Corp.
Tobe Deutschmann Corp.
Tucson Instrument Corp.
United Transformer Corp.
Vanguard Electronics Co.

# DELAY NETWORKS

Richard D. Brew & Co., Inc. Burnell & Co., Inc. Celco-Constantine Engrg. Laboratories Co. Daven Co., The ECS Corp. ECS Corp.
Epsco Inc.
Epsco Inc.
Epsco Inc.
Filtron Co., Inc.
Filtron Co., Inc.
Ty Electronics, Inc.
Orbitran Co., Inc.
Plastic Capacitors, Inc.
Plastic Capacitors, Inc.
Technitrol Engrg. Co.
Tobe Deutschmann Corp.
Tucson Instrument Corp.
Vanguard Electronics Co.
United Transformer Corp.

# DEMODULATORS, COMPUTER

American Electronics, Inc., Data-Tronics Div.
American Research & Mfg. Corp.
Celco-Constantine Engrg. Laboratories Co.
Consolidated Avionics Corp.
\*\*DATA-CONTROL SYSTEMS INC.
Dwyer Engrg. Co., Inc.
Epsco Inc.
Reeves Instrument Corp.
Southwestern Industrial Electronics Co.

# DETECTORS

Davenport Mfg. Co.
Electro-Measurements Inc.
Farnsworth Electronics Co., Div.-Int'l Telephone
& Telegraph Corp.
Leeds & Northrup Co.
Optimized Devices, Inc.
Terminal Radio Corp.

# Magnetic

Acromag Inc. General Electric Co., Apparatus Sales Div. Terminal Radio Corp.

#### Null

Ballantine Labs., Inc.
Barnes Development Co.
Boonton Electronics Corp.
Electro-Measurements Inc.
Gertsch Products Inc.
Leeds & Northrup Co.
Minneapolis-Honeywell Regulator Co., Indust. Div.
Optimized Devices, Inc.
Terminal Radio Corp.
Varo Mfg. Co.
Weinschel Engrg.

# Scintillation

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American Electronics, Inc.
Baird-Atomic, Inc.
Farnsworth Electronics Co., Div.-Int'l Telephone
& Telegraph Corp.
Fisher Research Lab., Inc.
Gerard G. Leeds Co., Inc.
Menlo Research Lab.
Moran Instrument Corp.
Radiation Counter Labs., Inc.
Stanley Aviation Corp.
Terminal Radio Corp.

# Standing Wave

California Technical Industries, Div.-Textron Inc. Demorray-Bonardi Electro Impulse Lab., Inc. Microwave Electronics Div., Sperry Gyroscope Comean Lab.

Co. Omega Labs., Inc. \*TELERAD MFG. CORP. Terminal Radio Corp. Wacline, Inc. Waveline, Inc.

# Voltage

Boonton Electronics Corp.

\*DATA-CONTROL SYSTEMS INC.

Davenport Mfg. Co.

Minneapolis-Honeywell Regulator Co., Indust.

Optimized Devices, Inc. Terminal Radio Corp. Wacline, Inc.

# DIAL CRYSTALS

Canadian Radium & Uranium Corp. Lancaster Glass Corp. Spartan Marking Corp. Star Engraving Co., Ltd. Terminal Radio Corp. Virginia Plak Co.

# DIALS, COMPLETE

DIALS, COMPLETE

Ackerman Engravers, Inc.
Acromark Co., The
Allied Engraving & Stamping Co.
Borg Equipment Div.-The George W. Borg Corp.
Canadian Radium & Uranium Corp.
Helipot Corp.
Jodee Plastics Co.
E. F. Johnson Co.
Print Loid, Inc.
Reeves Instrument Corp.
Sohl Co., The
Spartan Marking Corp.
Star Engraving Co., Ltd.
Techniques, Inc.
Terminal Radio Corp.
Theta Instrument Corp.
United States Radium Corp.
Waldom Electronics Inc.

# DIODES

Bendix Aviation Corp., Red Bank Div.
Bogue Electric Mfg. Co.
Clevite Transistor Products, Div.-Clevite Corp.
Fansel Metallurgical Corp.
Farsworth Electronics Co., Div.-Int'l Telephone
& Telegraph Corp.
Gehagan Inc.
General Transistor Corp.
General Transistor Corp.
Green Rectifier Co.
Philico Corp., Government & Industrial Divs.
Terminal Radio Corp.

# Crystal

Bios Labs., Inc. Clevite Transistor Products, Div.-Clevite Corp. Philco Corp. Government & Industrial Divs. Terminal Radio Corp.

# Germanium

Bendix Aviation Corp., Red Bank Div. Bendix Aviation Corp., Red Bank Div.
Bios Labs., Inc.
Clevite Transistor Products, Div.-Clevite Corp.
Gahagan Inc.
General Transistor Corp.
Philco Corp., Government & Industrial Divs.
Philco Corp., Lansdale Tube Co. Div.
Terminal Radio Corp.
\*WESTINGHOUSE ELECTRIC CORP.

# Microwave Mixer

Demornay-Bonardi Gahagan Inc. Philico Corp., Government & Industrial Divs. Philico Corp., Lansdale Tube Co. Div. Terminal Radio Corp.

#### Silicon

Silicon

Bios Labs., Inc.

Bogue Electric Mfg. Co.

Bomac Laboratories, Inc.
Clevite Transistor Products, Div.-Clevite Corp.
Fansteel Metallurgical Corp.
General Transistor Corp.
Green Rectifier Co.
Hoffman Electronics Corp., Semiconductor Div.
Philco Corp., Government & Industrial Divs.
Sarkes Tarzian, Inc.
Terminal Radio Corp.
United States Dynamics Corp.
\*WESTINGHOUSE ELECTRIC CORP.

## Silicon Power

Bios Labs., Inc.
Bogue Electric Mfg. Co.
Fansteel Metallurgical Corp.
General Transistor Corp.
General Transistor Corp.
Green Rectifier Co.
Hoffman Electronics Corp., Semiconductor Div.
Sarkes Tarzian Inc.
\*WESTINGHOUSE ELECTRIC CORP.

# DISCRIMINATORS

Amelco, Inc.
American Electronics, Inc., Data-Tronics Div.
Baird-Atomic, Inc.
Bendix Aviation Corp., York Div.
Bomac Laboratories, Inc.
Burroughs Corp.
Centronix Inc.
D & R, Ltd.

\*DATA-CONTROL SYSTEMS INC.

Dwyer Engrg. Co., Inc.
Epsco Inc.
Johnson Electronics Inc.
Librascope Inc.
Optimized Devices, Inc.
Pacific Div.-Bendix Aviation Corp.
Systron Corp.
Telechrome Mfg. Corp.
\*\*TELE-DYNAMICS INC.
Thieblot Aviation Co., Div.-Vitro Corp. of
America
Varo Mfg. Co.
Waugh Engrg. Co.

# DISCS, COMPUTER

Bryant Gage & Spindle Div., Bryant Chucking Grinder Co. Industrial Engravers Inc. Librascope Inc. Sohl Co., The Virginia Plak Co.

# DISTANCE MEASURING EQUIPMENT

EYUIFMENI

Aircraft Armaments, Inc.
Centronix Inc.
Centronix Inc.
Consolidated Avionics Corp.
\*\*COOPER DEVELOPMENT CORP.
Cubic Corp.
General Precision Lab. Inc.
Industrial Engravers Inc.
Kearfoft Co. Inc.
Ralph M. Parsons Co., The Electronics Div.
Skiafron Electronics & Television Corp.
Sylvania Electronic Systems, Div.-Sylvania Electric Products Inc. tric Products Inc.

## DRIFTMETERS

General Precision Lab. Inc. \*HAYWARD SCIENTIFIC GLASS CORP.

# DRIVERS, RECORDING

Ralph M. Parsons Co., The Electronics Div. Southwestern Industrial Electronics Co.

# **DUPLEXERS**

Bogart Mfg. Corp.
Defiance Engrg. & Microwave Corp.
Demornay-Bonardi
Diamond Antenna & Microwave Corp.
Microlab Microlab
Narda Microwave Corp., The
Radar Design Corp.
Ryan Aeronautical Co.
Uniwave, Inc.
Waveline, Inc.

# DUPLICATORS, MAGNETIC TAPE

Magnasync Mfg. Co., Ltd. Minneapolis-Honeywell Regulator Co., Industrial Div. Telectro Industries Corp.

#### DYNAMOMETERS

Bogue Electric Míg. Co.
Cosa Corp.
Joe Davidson & Associates
W. C. Dillon & Co., Inc.
General Electric Co., Apparatus Sales Div.
Hamilton Watch Co., Military Products Div.
Hammett Electric Co., Hickok Electrical Instrument Co., The
George L. Nankervis Co.
Simpson Electric Co.

# **ELECTROCARDIOGRAPHS**

Offner Electronics Inc.

# FILMS, CAPACITOR

Dilectrix Corp.

# FILMS, PLASTIC FOR WOUND INSULATION

Bonny Mfg. Corp. Dilectrix Corp. Enflo Corp. Joclin Mfg. Co. Sparta Mfg. Co.

## FILTERS

Airbone Accessories Corp.
Alto Scientific Co., Inc.
American Electronic Labs., Inc.
\*\*AMERICAN MACHINE & FOUNDRY CO.
American Optical Co., Instrument Div.
American Research & Mfg. Corp.
Applied Research Inc.
Bogart Mfg. Corp.
Burnell & Co., Inc.
Carad Corp.

# . . . tracking & telemetering

Celco-Constantine Engrg. Laboratories Co. Chicago Electronic Engrg. Co., Inc. Cornell-Dublier Electric Corp. Cuno Engrg. Corp., The Daven Co., The Defiance Engrg. & Microwave Corp. Diamond Antenna & Microwave Corp. Diamond Antenna & Microwave Corp. Diamond Antenna & Microwave Corp. Diamond Carlon. Inc. ECS Corp. Electronic Inc. Fiftron Co. Inc. Fiftron Co. Inc. Fiftron Co. Inc. Fiftron Corp. THE, AIRESEARCH MFG. DIVS. Goslin Electric & Mfg. Co. Gudeman The Hermetic Seal Transformer Co., Div.-Southwestern Industria Electronics Transformer Co., Div.-Southwestern Inc. Marton Eastern Inc. Lear, Inc. Lear, Inc. Lear, Inc. NYT Electronics, Inc. NYT Electronics, Inc. NYT Electronics Co., North Hills Electric Co., Inc. Ortho Fifter Corp. Polarad Electronics Corp. Ram Electronics Inc. Republic Aviation Corp., Guided Missiles Div. Sage Laboratories, Inc. Southwestern Industrial Electronics Corp. Televiso Corp. Televis

# Antenna

Adier Electronics, Inc.
Aircom Inc.
Aircom Inc.
Airo Scientific Co., Inc.
American Electronic Labs., Inc.
AMERICAN MACHINE & FOUNDRY CO.
Applied Research Inc.
Canoga Corp. of California
Collins Radio Co.
Daven Co., The
Defiance Engrg. & Microwave Corp.
Diamond Antenna & Microwave Corp.
Electronic Transformer Co., Inc.
Filtron Co., Inc.
Filtron Co., Inc.
Fugle-Miller Labs Inc.
Gabriel Co., The Gabriel Electronics Div.
Hycon Eastern Inc.
J.-V.-M Miller Wicker Co.
E. F. Johnson Co.
Johnson Electronics Inc.
Lear, Inc.
Microwave Electronics Div., Sperry Gyroscope
C. W. Miller Co.
W. Miller Co.
W. Miller Co.
W. Miller Co.
Microwave Electronics Div., Sperry Gyroscope Adler Electronics, Inc. Lear, Inc.
Microwave Electronics Div., Sperry Gyros Co.
J. W. Miller Co.
Munston Mfg. & Service, Inc.
North Hills Electric Co., Inc.
Ortho Filter Corp.
Ralph M. Parsons Co., The, Electronics Div.
Production Research Corp.
Froduction Research Corp.
Supersex Electronics Corp.
Technical Appliance Corp.
Televiso Corp.
Televiso Corp.
Terminal Radio Corp.
Tobe Deutschmann Corp.
United Transformer Corp.
Vanguard Electronics Co.
Vanguard Electronics Co.
Varo Mfg. Co.
Winder Aircraft Corp. of Fla.

#### Audio

\*BAUSCH & LOMB OPTICAL CO.
Browning Laboratories, Inc.
Burnell & Co., Inc.
Celco-Constantine Engrg. Laboratories Co.
Chicago Electronic Engrg. Co., Inc.
\*PDATA-CONTROL SYSTEMS INC.
Daven Co., The
Electronic Transformer Co., Inc.
Epco Products Inc.
Goslin Electric & Mfg. Co.
Hermetic Seal Transformer Co., Div.-Southwestern
Industrial Electronics
Highland Engrg. Co.
Johnson Electronics Inc.
Lenkurt Electric Co., Inc.

Lumen, Inc.
Munston Mfg. & Service, Inc.
NYT Electronics, Inc.
National Coil Co.
Orbitran Co., Inc.
Ortho Filter Corp.
Potter Co., The
Prodelin Inc. Prodelin Inc.
Saratoga Industries
Herman Hosmer Scott, Inc.
Southwestern Industrial Electronics Co.
Spectrum Instruments, Inc.
Telectro Industries Corp.
Televiso Corp.
Tensor Electric Development Co., Inc.
Terminal Radio Corp.
Tobb Deutschmann Corp.
Transformers, Inc.
Transonic, Inc.
Tucson Instrument Corp.
United Transformer Corp.
Varo Mfg. Co.
Warren Transformer Co., Inc.
Western Electro-Acoustic Lab.

# **Band Elimination**

Adler Electronics, Inc.
American Electronic Labs., Inc.
American Electronic Labs., Inc.
American Electronic Labs., Inc.
American Electronic Labs., Inc.
Applied Research Inc.
Balova Watch & Con, Electronics Div.
Burnell & Co., Inc.
Carad Corp.
Celco-Constantine Engrg. Laboratories Co.
D & R. Ltd
Daven Co., The
Defiance Engrg. & Microwave Corp.
Epsco Inc.
Filtron Co., Inc.
Fugle-Miller Labs Inc.
Hermetic Seal Transformer Co., Div.-Southwestern
Industrial Electronics
Hycon Eastern Inc.
Johnson Electronics Inc.
Lenkurt Electric Co., Inc.
J. W. Miller Co.
NYT Electronics, Inc.
National Coil Co.
North Hills Electric Co., Inc.
Orbitran Co., Inc.
Orbitran Co., Inc.
Orbitran Co., Inc.
Sage Laboratories, Inc.
Sage Laboratories, Inc.
Saga Laboratories, Inc.
Saga Laboratories, Inc.
Saratoga Industries
Southwestern Industrial Electronics Co.
Spectrum Instruments, Inc.
Ielectro Industries Corp.
Televiso Corp.
Televiso Corp.
Televiso Corp.
Terminal Radio Corp.
Tobe Deutschmann Corp.
Transformer, Inc.
Transonic, Inc.
Transonic, Inc.
Transonic, Inc.
Transonic Inc.
Transon

# Band Pass

Adler Electronics, Inc.
American Electronic Labs., Inc.
American Research & Mfg. Corp.
Applied Research Inc.
Bogart Mfg. Corp.
Browning Laboratories, Inc.
Bulova Watch Co., Electronics Div.
Burnell & Co., Inc.
Carad Corp.
Celco-Constantine Engrg. Laboratories Co.
Chicago Electronic Engrg. Co., Inc.
Collins Radio Co.
Cornell-Dubliler Electric Corp.
D & R. Ltd.
\*\*PATA-CONTROL SYSTEMS INC.
Daven Co., The
Defiance Engrg. & Microwave Corp.
Demornay-Bonardi
Diamond Antenna & Microwave Corp.
Douglas Microwave Co., Inc.
ECS Corp.
Electronic Transformer Co., Inc.
Entron, Inc.
Entron, Inc. EUS Corp.

ELS Corp.

Electronic Transformer Co., Inc.

Entron, Inc.

Epsco Inc.

Filtron Co., Inc.

Filtron Co., Inc.

Filtron Co., Inc.

Hermetic Seal Transformer Co., Div.-Southwestern

Industrial Electronics

Highland Engra, Co.

Hycon Eastern Inc.

Johnson Electronics Inc.

Lenkurf Electric Co., Inc.

J. W. Miller Co.

Munston Mfg. & Service, Inc.

NYT Electronics, Inc.

National Coll Co.

North Hills Electric Co., Inc.

Orbitran Co., Inc.

Ortho Filter Corp. Potter Co., The
Ram Electronics Inc.
Sage Laboratories, Inc.
Saratoga Industries
Herman Hosmer Scott, Inc.
Southwestern Industrial Electronics Co.
Spectrum Instruments, Inc.
Telectro Industries Corp.
Televiso Corp.
Terminal Radio Corp.
Tobe Deutschmann Corp.
Topper Mfg. Co., Inc.
Transformers, Inc.
Transformers, Inc.
Transonic, Inc.
Tucson Instrument Corp.
United Electrodynamics, Div.-United Geophysical
Corp. United Electrodynamics, Div.-U Corp. United Transformer Corp. Vanguard Electronics Co. Varo Mfg. Co. Warren Transformer Co., Inc. Western Coil Products Co. Western Electro-Acoustic Lab. Westinghouse Electric Corp.

# Continuously Variable

American Electronic Labs., Inc.
Defiance Engrg. & Microwave Corp.
Fugle-Miller Labs Inc.
Microlab
Spratoga Industries
Spectrum Instruments, Inc.
Telectro Industries Corp.
Terminal Radio Corp.
Varo Mfg. Co.
Westinghouse Electric Corp.

# Crystal

American Electronic Labs., Inc.
Biliey Electric Co.
Bulova Watch Co., Electronics Div.
Burnell & Co., Inc.
Daven Co., The
Diamond Antenna & Microwave Corp.
Hermetic Seal Transformer Co., Div.-Southwestern
Industrial Electronics
Hycon Eastern Inc.
Lenkurt Electric Co., Inc.
McCoy Electronics Co.
Midland Mfg. Co., Inc.
Ortho Filter Corp.
Telectro Industries Corp.
Terminal Radio Corp.
Varo Mig. Co.

# Electric

Burnell & Co., Inc.
Celco-Constantine Engrg. Laboratories Co.
\*DATA-CONTROL SYSTEMS INC. Daven Co., The Daven Co., Div.-Southwestern Industrial Electronics Highland Engrg. Co. Highland Engrg, Co. Lear, Inc. Lumen, Inc. North Hills Electric Co., Inc. Ortho Filter Corp. Telectro Industries Corp. Terminal Radio Corp. Tobe Deutschmann Corp. Transonic, Inc. United Transformer Corp. Varo Mfg, Co.

# Electric Wave Section

Electric Wave Section

Burnell & Co., Inc.
Celco-Constantine Engrg, Laboratories Co.
D & R. Ltd.
\*\*DATA-CONTROL SYSTEMS INC.
Daven Co., The
Fugle-Miller Labs Ipc.
Hermetic Seal Transformer Co., Div.-Southwestera
Industrial Electronics
NYT Electronics, Inc.
North Hills Electric Co., Inc.
Ortho Filter Corp.
Spectrum Instruments, Inc.
Telectro Industries Corp.
Terminal Radio Corp.
Tobo Deutschmann Corp.
Transonic, Inc.
United Transformer Corp.

# High Pass

Adler Electronics, Inc.
American Electronics Labs., Inc.
American Electronics Labs., Inc.
American Research & Mfg. Corp.
Bulova Watch Co., Electronics Div.
Burnell & Co., Inc.
Carad Corp.
Celco-Constantine Engrg. Laboratories Co.
Chicago Electronic Engrg. Co., Inc.
Cornell-Dubliller Electric Corp.
D & R. Ltd.
\*\*DATA-CONTROL SYSTEMS INC.
Daven Co., The
Defiance Engrg. & Microwave Corp.

ESC Corp.
Electronic Transformer Co., Inc.
Eintron, Inc.,
Filtron Co., Inc.
Fugle-Miller Labs Inc.
Hermetic Seal Transformer Co., Div.-Southwestern Industrial Electronics
Highland Engrg. Co.
Johnson Electronics Inc.
Lenkurt Electric Co., Inc.
Microlab
J. W. Miller Co.
Munston Mig. & Service, Inc.
NYT Electronics, Inc.
NYT Electronics, Inc.
NYT Electronics, Inc.
Onth Hills Electric Co., Inc.
Onth Hills Electric Co., Inc.
Onth Filter Corp.
Potter Corp.
The Ram Electronics Inc.
Saratoga Industries
Herman Hosmer Scott, Inc.
Southwestern Industrial Electronics Co.
Spectrum Instruments, Inc.
Superex Electronics Corp.
Telectro Industries Corp.
Televiso Corp.
Televiso Corp.
Telonic Industries, Inc.
Terminal Radio Corp.
Tobe Deutschmann Corp.
Tobe Deutschmann Corp.
Topper Mig. Co., Inc.
Transformer, Inc.
Transonic, Inc.
Transonic, Inc.
Tusson Instrument Corp.
United Transformer Corp.
Vanguard Electronics Co.
Western Coil Products Co.
Western Electro-Acoustic Lab.

# I-F

-F
Bulova Watch Co., Electronics Div.
Burnell & Co., Inc..
Canoga Corp. of California
Carad Corp..
Daven Co., The
Dwyer Eng. Co., Inc.,
Fugle-Miller Labs Inc.
Gudeman Co., The
Hycon Eastern Inc.
Johnson Electronics Inc.
J. W. Miller Co.,
National Coil Co.,
North Hills Electric Co., Inc.,
Ortho Filter Corp.
Potter Co., Tha
Superex Electronics Corp.
Telectro Industries Corp.
Telectro Industries Corp.
Telectro Industries Corp.
Tobe Deutschmann Corp.
Vanguard Electronics Inc.,
Vanguard Electronics Inc.,
Varo Mfg. Co.
Western Coil Products Co.

# Interference

Interference

Airborne Accessories Corp.
American Electronic Labs., Inc.
Axel Electronics

\*\*BAUSCH & LOMB OPTICAL CO.

Bulova Watch Co., Electronics Div.
Canoga Corp. of California

Celco-Constantine Engrg. Laboratories Co.
Cornell-Dubilier Electric Corp.
Defiance Engrg. & Microwave Corp.
Eastman Kodak Co., Filtron Co., Inc.
Fugle-Miller Labs Inc.
Hallett Mfg. Co.
Hermetic Seal Transformer Co., Div.-Southwestern Industrial Electronics
Interference Measurement Laboratory, Inc.
Johnson Electronics Inc.
Metavac, Inc.
Microlab
J. W. Miller Co.
Polarad Electronics Corp.
Potter Co., The
Saratoga Industries
Southwestern Industrial Electronics Co.
Superex Electronics Corp.
Televiso Corp.
Televiso Corp.
Televiso Corp.
Televiso Corp.
Tobe Deutschmann Corp.
Transonic, Inc.
United Transformer Corp.
Varo Mfg. Co.

# Low Pass

Adler Electronics, Inc.
American Electronic Labs., Inc.
American Research & Mfg. Corp.
Axel Electronics
Bulova Watch Co., Electronics Div.
Burnell & Co., Inc.
Canoga Corp. of California
Carad Corp.
Celco-Constantine Engrg. Laboratories Co.
Chicago Electronic Engrg. Co., Inc.
Cornell-Dubilier Electric Corp.

D & R. Ltd.
Daven Co., The
Defiance Engrg. & Microwave Corp.
Deuglas Microwave Co., Inc.
ECS Corp.
Electronic Transformer Co., Inc.
Essco. C.,
Filtron Co., Inc.
Fugle-Miller Labs Inc.
Guided Missile Div-De Havilland Aircraft of Canada, Ltd.
Guided Missile Div-De Havilland Aircraft of Canada, Ital.
Hermetic Seal Transformer Co., Div.-South-western Industrial Electronics
Highland Engrg. Co.
E. F. Johnson Co.
Johnson Electronics Inc.
Lenkurf Electric Co., Inc.
Microlab
JW. Miller Co.,
Miller Co.,
Miller Co., Inc.
Narda Microwave Corp., The
National Coil Co., Inc.
Orbitran Coil Co., Inc.
Orbitran Co., Inc.
Sage Laboratories, Inc.
Saratoga Industries
Herman Hosmer Scott, Inc.
Southwestern Industrial Electronics Corp.
Felectro Industries Corp.
Ielectro Industries Corp.
Ielectro Industries Inc.
Ieminal Radio Corp.
Iopen Mig. Co., Inc.
Iransonic, Inc.
Iransonic Coll Products Co.
Western Electro-Acoustic Lab.

Microwave

# Microwave

Aircom Inc.
Airron, Inc.
Alilied Research & Engrg., Div.-Allied Record
Mfg. Co.
American Electronic Labs., Inc.
Applied Research Inc.
Bogart Mfg. Corp.
Bomac Laboratories, Inc.
Canoga Corp. of California
Carad Corp.
Continental Diamond Fibre Corp., Sub.-The
Budd Co.
Defiance Engrg. & Microwave Corp.
Demornay-Bonardi
Diamond Antenna & Microwave Corp.
Douglas Microwave Co., Inc.,
Dwyer Engrg. Co., Inc.,
Dwyer Engrg. Co., Inc.,
Hermetic Seal Transformer Co., Div.-Southwestern Industrial Electronics
J-V-M Microwave Co.
Johnson Electronics Inc.,
Microlab
Microwave Electronics Div., Sperry Gyroscope
Co.
Narda Microwave Corp., The
Polarad Electronics Corp.
Prodelin Inc.,
Radar Desion Corp.
Ryan Aeronautical Co.
Sanders Associates, Inc.
Saratega Industries
Technical Appliance Corp.
Telectro Industries Corp.
\*\*TELERAD MFG. CORP.
\*\*TELERAD MFG. CORP.
\*\*TELERAD MFG. CORP.
\*\*TELERAD MFG. CORP.
Terminal Radio Corp.
Tobe Deutschmann Corp.
Transonic, Inc.
Varo Mfg. Co.
Waveline, Inc.
Waveguide, Inc.

Needle Scratch

# Needle Scratch

Gudeman Co., The Johnson Electronics Inc. J. W. Miller Co. Ortho Filter Corp. Telectro Industries Corp. Terminal Radio Corp. United Transformer Corp.

# Noise Suppressing

Airborne Accessories Corp.
Allied Witan Co. Inc.
Axel Electronics
Bulova Watch Co., Electronics Div.
Cornell-Dubilier Electric Corp.
Filtron Co., Inc.

Hermetic Seal Transformer Co., Div.-Southwesters Industrial Electronics Interference Measurement Laboratory, Inc. Microlab Microlab
Potter Co., The
Telectro Industries Corp.
Televiso Corp.
Terminal Radio Corp.
Tobe Deutschmann Corp.
United Transformer Corp.
Varo Mfg Co.
Western Electro-Acoustic Lab.

# Optical

Optical
American Optical Co., Instrument Div. Axler Associates Inc., Baird-Atomic, Inc., Baird-Atomic, Inc., \*BAUSCH & LOMB OPTICAL CO. Buhl Optical Co. Davidson Mfg. Co. Eastman Kodak Co. O & S Research, Inc., Optomechanisms Inc., Pacific Universal Products Corp. Telectro Industries Corp. Terminal Radio Corp., Wollensak Optical Co.

# Polarizing

American Optical Co., Instrument Div.

\*BAUSCH & LOMB OPTICAL CO.
Cornell-Dubilier Electric Corp.
Dwyer Engrg. Co., Inc.
Electronic Transformer Co., Inc.
North Hills Electric Co., Inc.
Telectro Industries Corp.
Terminal Radio Corp.
Transonic, Inc.
Varo Mfg. Co.

# Radio

Radio

Bulova Watch Co., Electronics Div. Daven Co., The Electronic Transformer Co., Inc. Filtron Co., Inc. Filtron Co., Inc. Filtron Co., Inc. Fugle-Miller Labs Inc.

\*GARREIT CORP., THE, AIRESEARCH MFG. DIVS. Gudeman Co., The Johnson Electric Inc. J. W. Miller Co. Munston Mfg. & Service, Inc. National Coil Co. Potter Co., The Saratoga Industries Telectro Industries Corp. Terminal Radio Corp. Televiso Corp. Terminal Radio Corp. Tobe Deutschmann Corp. Transonic, Inc. Vanguard Electronics Co. Western Coil Products Co.

# Radio Noise

Radio Noise

Airborne Accessories Corp.
Axel Electronics
Bulova Watch Co., Electronics Div.
Cornell-Dubilier Electric Corp.
Filtron Co., Inc.
Filtron Co., I

# R-F

R-F
Airborne Accessories Corp.
Aircom Inc.
Aircom Inc.
Airton, Inc.
Airton, Inc.
Applied Research Inc.
Cornell-Dublier Electric Corp.
Daven Co. The
Defiance Engrg. & Microwave Corp.
Dwyer Engrg. Co., Inc.
Entron, Inc.
Entron, Inc.
Filtron Co., Inc.
Fugle-Miller Labs Inc.
Hermetic Seal Transformer Co., Div.-Southwestern
Industrial Electronics
Hycon Eastern Inc.
Johnson Electronics Inc.
Microlab
J. W. Miller Co.
Munston Mig. & Service, Inc.
NYT Electronics, Inc.
Ortho Filter Corp.

# . . . tracking & telemetering

Potter Co., The Sage Laboratories, Inc. Superex Electronics Corp. Telectro Industries Corp. Televiso Corp. Tobe Deutschmann Corp. Tobe Deutschmann Corp. United Transformer Corp. Vanguard Electronics Co. Varo Mfg. Co. Western Coil Products Co.

# Telemetering

American Electronic Labs., Inc.
Bulova Watch Co., Electronics Div.
Burnell & Co., Inc.
Carad Corp.
Cornell-Dubilier Electric Corp.
D & R It-4. Carad Corp.
Cornell-Dubilier Electric Corp.
D & R. Ltd.
\*\*PATA-CONTROL SYSTEMS INC.
Daven Co., The
Diamond Antenna & Microwave Corp.
Electronic Transformer Co., Inc.
Epsco Inc.
Fugle-Miller Labs, Inc.
Hermetic Seal Transformer Co., Div.-Southwestern
Industrial Electronics
Johnson Electronics Inc.
Lenkurt Electric Co., Inc.
Microlah
Mi

Corp.
United Transformer Corp.
Varo Mfg. Co.

# uhf & vhf

Applied Research Inc.
Daven Co., The
ECS Corp.
Entron, Inc.
Filtron Co., Inc.
Fugle-Miller Labs. Inc.
Hycon Eastern Inc.
Johnson Electronics Inc.
Microlable Johnson Electronics Inc.
Microlab
Narda Microwave Corp., The
Ortho Filter Corp.
Ploarad Electronics Corp.
Prodelin Inc.
Telectro Industries Corp.
Terminal Radio Corp.
Toba Deutschmann Corp.
Varo Mfg. Co.

# Vacuum System

Allied Witan Co. Inc. Central Electronic Mfgrs., Inc. Green Rectifier Co. Nuclear Corp. of America, Inc. Telectro Industries Corp. Terminal Radio Corp.

## Variable Electronic

M F Electronics Co. Spectrum Instruments, In Telectro Industries Corp. Terminal Radio Corp. Transonic, Inc. Varo Mfg. Co.

# Vestigial Sideband

Pestigial Sicebana
Bulova Wath Co., Electronics Div.
Burnell & Co., Inc.
D & R. Ltd.
Daven Co., The
Johnson Electronics Inc.
Ortho Filter Corp.
Telectro Industries Corp.
Terminal Radio Corp.
Transonic, Inc.
United Transformer Corp.

# Wave Trap

Cornell-Dubliler Electric Corp.
Fugle-Miller Labs Inc.
Johnson Electronics Inc.
J. W. Miller Co.
National Coil Co.
North Hills Electric Co., Inc.
Ortho Filter Corp.

Ram Electronics Inc.
Telectro Industries Corp.
Terminal Radio Corp.
Tobe Deutschmann Corp.
Transonic, Inc.
United Transformer Corp.
Vanguard Electronics Co.
Western Coil Products Co.

# FLANGES, MICROWAVE

FLANGES, MICROWAVE

Ainslie Corp.
Aircom Inc.
Airtron, Inc.
Canoga Corp. of California
Coaxial Connector Co. Inc.
Connector Corp. of America
Continental Diamond Fibre
Budd Co.
Co-Operative Industries, Inc.
Defiance Engrg. & Microwave Corp.
Demornay-Bonardi
Diamond Antenna & Microwave Corp.
Douglas Microwave Co., Inc.
J-V-M Microwave Co.
Prodelin Inc.
Radar Design Corp. Prodelin Inc.
Radar Design Corp.
Ryan Aeronautical Co.
Technical Appliance Corp.
TELERAD MFG. CORP.
Terminal Radio Corp.
Uniwave, Inc.
Wacline, Inc.
Waveline, Inc.
Wastbury Electronics Inc.

# FORMS, ANTENNA

Ainslie Corp.
Gabriel Co., The Gabriel Electronics Div.
Ryan Aeronautical Co.
Technical Appliance Corp.
Terminal Radio Corp.

# FREQUENCY METERS

FREQUENCY METERS

Acromag Inc.
Aircom Inc.
\*\*AMERICAN MACHINE & FOUNDRY CO.
Boonton Radio Corp.
Computer-Measurements Corp.
Demornay-Bonardi
Diamond Antenna & Microwave Corp.
Dynac, Inc.
Eric Resistor Corp.
General Electric Co., Apparatus Sales Div.
Gertsch Products Inc.
Helipot Corp.
Hickok Electrical Instrument Co., The
Hupp Instrumation, Div.—Eric-Pacific
Microwave Electronics Div., Sperry Gyroscope
Co.
Potter Aeronautical Corp.
Radar Design Corp.
Saratoga Industries
\*\*TELERAD MFG. CORP.
Terminal Radio Corp.
Varo Mfg. Co.
Wacline, Inc.
Waveline, Inc.

# GERMANIUM

Accurate Specialties Co. Inc. Anchor Metal Co. Inc. Bios Labs., Inc. Bram Metallurgical & Chemical Co. Eagle-Picher Co., The Harmon, Lichtenstein & Co.

#### GOLD

Accurate Specialties Co. Inc. Anchor Metal Co. Inc. Attleboro Refining Co. Inc. Attleboro Refining Co. Inc.
Bios Labs., Inc.
Bram Metallurgical & Chemical Co.
Wilbur B. Driver Co.
Engelhard Industries Inc., D. E. Makepeace Div.
General Findings & Supply Co., Industrial Div.
Goldsmith Brothers Smelting & Refining Co.
Hamilton Watch Co., Military Products Div.
Handy & Harman
Harper-Leader, Inc.
Leach & Garner Co., Industrial Div.
Metals & Controls Corp.
J. M. Ney Co., The
Tricon Mfg. Co.

# GRID FRAMES

G. M. Dykes Iron Works, Inc. Gasket, Packing & Specialty Co. Inc. Star Engraving Co., Ltd.

# GRIDS

G. M. Dykes Iron Works, Inc. Gasket, Packing & Specialty Co. Inc. Star Engraving Co., Ltd. Techniques, Inc.

# GRILLS. SPEAKER

Flock Process Co. Inc.

# HARDWARE

HARDWARE

Accurate Electronics Corp., Dept D
Amatom Electronic Hardware Co. Inc.
Automatic & Precision Mfg. Co.
Beaton & Corbin Mfg. Co., The
H. Braun Tool & Instrument Co., Inc.
Capewell Mfg. Co., Corp.
\*\*DIVERSEY ENGRG. CO.
Dumont Aviation Associates
General Components Inc.
Goe Engrg. Co.
Hobson Brothers, Inc.
Mercury Air Parts Co., Inc.
Richards Electrocraft, Inc.
Techniques, Inc.
Waldom Electronics Inc.
Wenco Mfg. Co.

# **HEADPHONES & HEADSETS**

International Electric Industries, Inc. Melody Master Mfg. Co. Roanwell Corp. Roflan Co., The Superex Electronics Corp. Terminal Radio Corp.

# **INDICATORS**

Inc.
Wacline, Inc.
Winder Aircraft Corp. of Fla.

# Air Position

Consolidated Avionics Corp.
Electric Auto-Lite Co., The
Exact Engrg, & Mig. Inc.
Farnsworth Electronics Co., Div.-Int'l Telephone
& Telegraph Corp.
Hickok Electrical Instrument Co., The
Laboratory for Electronics, Inc.
Task Corp.

# Airspeed

Electric Auto-Lite Co., The \*GARRETT CORP., THE, AIRESEARCH MFG. DIVS. Greenleaf Mfg. Co., The, Div.-Mandrel Industries Inc.
Hickok Electrical Instrument Co., The
Kollsman Instrument Corp., Sub.—Standard Coil
Products Co. Inc.
\*WALLACE O. LEONARD, INC.
Pioneer-Central Div., Bendix Aviation Corp.
Task Corp.
U. S. Gauge Div.-American Machine & Metals,

Angle-of-Yaw Angle-of-Yaw

Analogue Controls, Inc.
Computer Instruments Corp.
Crescent Engrg. & Research Co.
Edcliff Instruments
\*\*GARREIT CORP., THE, AIRESEARCH MFG. DIVS.
Hickok Electrical Instrument Co., The
Humphrey, Inc.
Kollsman Instrument Corp., Sub.—Standard Coil
Products Co. Inc.
Laboratory for Electronics, Inc.
\*\*WALLACE O. LEONARD, INC.
Reeves Instrument Corp.
Specialties, Inc.
Task Corp.
United Control Corp.

# Antenna Position

Airborne Instruments Lab., Inc. \*AMERICAN MACHINE & FOUNDRY CO. AMERICAN MACHINE & POUNDRY CO. Antlab Inc.
Electric Auto-Lite Co., The Exact Engrg. & Mfg. Inc.
Gabriel Co., The Gabriel Electronics Div. Humphrey, Inc.
Reeves Instrument Corp.

# Bank & Turn

\*R. C. ALLEN BUSINESS MACHINES, INC., AIRCRAFT INSTRUMENTS DIV. Hickok Electrical Instrument Co., The Humphrey, Inc.

Lear, Inc. \*WALLACE O. LEONARD, INC. Pioneer-Central Div., Bendix Aviation Corp. Whittaker Gyro, Div.-Telecomputing Corp.

#### Drift

General Precision Lab. Inc. Hickok Electrical Instrument Co., The

# Ground Position

General Precision Lab. Inc. Laboratory for Electronics, Inc. Reeves Instrument Corp. Ryan Aeronautical Co.

#### Gyra

\*R. C. ALLEN BUSINESS MACHINES, INC., AIRCRAFT INSTRUMENTS DIV. Eclipse-Pioneer Div., Bendix Aviation Corp. Exact Engrg. & Mgc. Inc. \*GARREIT CORP., THE, AIRESEARCH MFG. DIVS. Humphrey, Inc.

\*GARRETT CORP., THE, AIRESEARCH MFG. DIVS. Humphrey, Inc. Lear, Inc. Minneapolis-Honeywell Regulator Co., Boston

Minneapolis-Honeywell Regulator Co., Bost Div. Pioneer-Central Div., Bendix Aviation Corp. Reeves Instrument Corp. Whittaker Gyro, Div.-Telecomputing Corp.

## Instrument Landing System

Eclipse-Pioneer Div., Bendix Aviation Corp. Laboratory for Electronics, Inc. Lear, Inc. Marion Electrical Instrument Co. Master Specialties Co. Motorola Inc., Military Marketing Div. Reeves Instrument Corp. Ryan Aeronautical Corp.

#### Modulation

Empire Products Sales Corp. Southwestern Industrial Electronics Co. Yaro Mfg. Co.

# Moving Target

Exact Engrg. & Mfg. Inc.
Farnsworth Electronics Co., Div.-Int'l Telephone
& Telegraph Corp.
Hazeltine Electronics Div.-Hazeltine Corp.
Laboratory for Electronics, Inc.
Motorola, Inc., Military Marketing Div.
Optomechanisms, Inc.
Ryan Aeronautical Co.
Skiatron Electronics & Television Corp.

# Null

Barnes Delevopment Co.
Boonton Electronics Corp.
Computer Instruments Corp.
Curtiss-Wright Corp., Electronics Div.
Gertsch Products, Inc.
North Atlantic Industries, Inc.
Leeds & Northrup Co.
Lumen, Inc.
Marion Electrical Instrument Co.
Minneapolis-Honeywell Regulator Co., Boston
Div.
Owen Labs., Inc.
Herman Hosmer Scott, Inc.
Ultradyne, Inc.
Wacline, Inc.
Wastonics, Inc.

# Null-Balance

Avien, Inc.
Barnes Development Co.
Barnes Development Co.
Bonton Electronics Corp.
North Atlantic Industries, Inc.
Leeds & Northrup Co.
Lumen, Inc.
Minneapolis-Honeywell Regulator Co., Boston
Div.
Moran Instrument Corp.
F. L. Moseley Co.
Herman Hosmer Scott, Inc.
Simmonds Aerocessories, Inc.
M. Ten Bosch, Inc.
Thompson Products, Inc.
Westronics, Inc.

# Plan Position

Electric Auto-Lite Co., The Hazeltine Electronics Div. Hazeltine Corp. Reeves Instrument Corp. Skiatron Electronics & Television Corp. Stromberg-Carlson, Electronics Div. Winder Aircraft Corp. of Fla.

## Speed

General Precision Lab. Inc.
Laboratory for Electronics, Inc.
Pioneer-Central Div. Bendix Aviation Corp.
U. S. Gauge Div.—American Machine & Metals,
Inc.
Wacline, Inc.
Waugh Engra. Co.
Winder Aircraft Corp. of Fla.

# Telemetering

American Electronics, Inc.
Burroughs Corp.
Consolidated Avionics Corp.
\*COOPER DEVELOPMENT CORP.
Eagle Signal Corp.
Electric Auto-Lite Co., The
General Electric Co., Apparatus Sales Div.
\*WALLACE O. LEONARD, INC.

Moran Instrument Corp.
Mororola Inc., Military Marketing Div.
Pacific Div.-Bendix Aviation Corp.
Panoramic Radio Products, Inc.
Ralph M. Parsons Co., The, Electronics Div.

Ralph M. Parsons Co., The Electronics Di \*RADIATION, INC. Skiatron Electronics & Television Corp. \*TELE-DYNAMICS INC.

Various Mig. Co.
Whittaker Gyro, Div.-Telecomputing Corp.
Winder Aircraft Corp. of Fla.

# True Air Speed

Eclipse-Pioneer Div., Bendix Aviation Corp. Electric Auto-Lite Co., The Fairchild Controls Corp., Components Div. \*\*CARRETT CORP., THE, AIRESEARCH MFG. DIVS. Greenleaf Mfg. Co., The, Div.-Mandrel Industries, Inc.
Kollsman Instrument Corp., Sub.-Standard Coil Products Co., Inc.
Laboratory for Electronics, Inc.
\*WALLACE O., LEONARD, INC.
Moran Instrument Corp.
M. Ten Bosch, Inc.

#### Variable

Burnell & Co., Inc. Celco-Constantine Engrg. Laboratories Co. Magnetico, Inc. Telectro Industries Corp.



# ... tracking & telemetering

## **INDUCTORS**

Burnell & Co., Inc. Celco-Constantine Engrg. Laboratories Co. General Railway Signal Co. Guided Missile Div.-De Hevilland Aircraft of Guided Missile Div.-De r Canada, Ltd. Highland Engrg. Co. E. F. Johnson Co. Lenkurt Electric Co., Inc. Magnetico, Inc. Sterling Trensformer Corp. Telectro Industries Corp. Transformers, Inc. Tri-Dex Co. Vari-L Co., Inc.

## INFRARED

American Optical Co., Instrument Div.
Avion Div., ACF Industries, Inc.
Barnes Engineering Co.
Electronic Communications, Inc.
Electronics Dept., Hamilton Standard Div.,
United Aircraft Corp.
Farnsworth Electronics Co., Div.-Int'l Telephone
& Telegraph Corp.
Guided Missis Div. De Havilland Aircraft of
Cenada, Lide.
Lidrescope Lide.
Lidrescope Lide.
Mechanican Div.-General Mills, Inc.
Mothenican Div.-General Mills, Inc.
Moth

# **Detection Systems**

Detection Systems

American Optical Co., Instrument Div. Avion Div., ACF Industries, Inc. Barnes Engineering Co.

Barnes Engineering Co.

Barnes Engineering Co.

Barnes Engineering Co.

Curtiss-Wright Corp., Industriel Scientific Products Div.

Eastman Kodak Co.
Electronics Corp. of Americe
Electronics Corp. of Americe
Electronics Corp. of Americe
Electronics Corp., Guided Aircreft Corp.

Guided Aircreft Corp.

Guided Missile Div.-De Hevillend Aircraft of Casade, Ltd.

Librascope Inc.

Motorola Inc., Militery Marketing Div.

Optomeckanisms Inc.

Perkin-Eimer Corp.

Philico Corp., Government & Industriel Divs.

O. O. S. Corp.

Republic Aviation Corp., Guided Missiles Div. Servo Corp. of Americe
Stewart-Warner Corp.

Sylvenia Electronic Systems, Div.-Sylvania Electronic Tric Products Inc.

\*WESTINGHOUSE ELECTRIC CORP., AIR ARM
DIV.

Wollensek Optical Co. DIV. Wollensek Optical Co.

# Image Converters

Avion Div., ACF Industries, Inc.
Baird-Atomic, Inc.
Electronics Corp. of Americe
Farnsworth Electronics Co., Div.-Int'l Telephone
& Telagreph Corp.
Librascope Inc.
Motorole Inc., Military Marketing Div.
Optomechanisms Inc.
Q. O. S. Corp.
Servo Corp. of America
Skiatron Elecronics & Television Corp.
\*\*WESTINGHOUSE ELECTRIC CORP., AIR ARM
DIV.

# Systems

Avion Div., ACF Industries, Inc.
Baird-Atomic, Inc.
Barnes Engineering Co.
Barnes Engineering Co.
Ball Sch. & LOMB OPTICAL CO.
Californie Technicel Industries, Div.-Textron Inc.
Eastmen Kodek Co.
Electronics Corp. of America
Guided Missile Div.-De Havilland Aircreft of
Canede, Ltd.
Generel Precision Lab. Inc.
Fansworth Eelectronics Co., Div.-Int'l Telephone
& Telegreph Corp.
Librascope Inc.
J. A. Meurer, Inc.
Mechenicel Div.-General Mills, Inc.
Motorola Inc., Military Marketing Div.
Optomechenisms Inc.
Perkin-Elmer Corp.

Philco Corp., Government & Industrial Divs.
Q. O. S. Corp.
Republic Aviation Corp., Guided Missiles Div.
Ryan Aeronautical Co.
Servo Corp. of America
Skiatron Electronics & Television Corp.
Sylvania Electronic Systems, Div.-Sylvenia Electronic
\*WESTINGHOUSE ELECTRIC CORP., AIR ARM
DIV DIV. Wollensek Optical Co.

# INSTRUMENTS, ELECTRICAL, MEASURING

MEASURING
Allegany Instrument Co., Inc.
Alto Scientific Co., Inc.
Associeté Research, Inc.
Associeté Research, Inc.
Barnes Development Co.
Barnes Development Co.
Barnes Development Co.
Cambridge Instruments, Div. Clevite Corp.
Cambridge Instrument Compeny, Inc.
Consolidated Electrodynemics Corp.
Cubic Corp.
Davenport Mfg. Co.
Dejur-Amsco Corp.
Dynac. Inc. Dejur-Amsco Corp.

Dynac, Inc.

Dynamic Instrument Co., Inc.

Electro-Measurements Inc.

Electro-Tech Equipment Co. Epic, Inc. Feiler Engrg. & Mfg. Co. Epic, Inc.
Feiler Engrg, & Mfg, Co.
Fenwal Inc.
John Fluke Mfg, Co., Inc.
General Communication Co.
Hagan Chemicals & Controls, Inc.
Hallamore Electronics Co.
Hickok Electrical Instrument Co., The
Industrial Instruments Inc.
Instrument Laboratories
\*KAHN & CO., INC.
Gerard G. Leeds Co., Inc.
Leeds & Northrup Co.
\*WALLACE O. LEONARD, INC.
Marion Electrical Instrument Co., Meters Inc.
Optimized Devices, Inc.
Optimized Devices, Inc.
Optimized Devices, Inc.
Optimized Devices, Inc.
Co. Sun Electric Corp.
Terminal Redio Corp.
Varo Mfg, Co.
Varol Mfg, Co.
Vacline, Inc.
Walline, Inc.
Walline, Inc.

## Ammeters

Alto Scientific Co., Inc.
Assembly Products, Inc.
Davenport Mig. Co.
Dejur-Amsco Corp.
Electric Design & Mig. Co.
Electro-Tech Equipment Co.
Epic, Inc.
Feiler Engrg. & Mig. Co.
Halipot Corp.
Hickot Electrice Instrument Co., The
Kin Tel Div.-Cohu Electronics, Inc.,
General Electric Co., Apparetus Seles Div.
Gerard G. Leeds Co., Inc.
Marion Electrical Instrument Co.
Meters Inc.
Minneapolis-Honeywell Reguletor Co., Ind. Alto Scientific Co., Inc. Minneapolis-Honeywell Reguletor Co., Indust. Minneapolis-Honeywein Div.
National Coil Co.
Phaostron Instrument & Electronic Co.
Q. V. S. Inc.
Simpson Electric Co.
Southwestern Industriel Electronics Co.
Sun Electric Corp.
Terminal Radio Corp.
Wacline, Inc.
Westinghouse Electric Corp.

# Audiometers

Barnes Development Co.
Feiler Engrg. & Mfg. Co.
Hammert Electric Co.
Pheostron Instrument & Electronic Co.
Simpson Electric Co.
Terminal Redio Corp.
Varo Mfg. Co.
Western Electro-Acoustic Leb.

# Bridges

Bridges

Acton Leboretories Inc.
Allegany Instrument Co., Inc.
Barnes Davelopment Co.
Bonoton Electronics Corp.
Briggs Associetes, Inc.
Cambridge Instrument Compeny, Inc.
Electro-Messurements Inc.
Electro-Tech Equipment Co.
Elm Mfg. Co. Inc.
Feiler Engrg. & Mfg. Co.
Gerisch Products Inc.
Gersy Instrument Co.
Hammett Electric Co.
\*KAHN & CO., INC.

Leeds & Northrup Co.
Narda Microwave Corp., The
Optimized Devices, Inc.
Servonic Instruments, Inc.
Simmonds Aerocesories, Inc.
Southwestern Industrial Electronics Co.
\*\*IFLERAD MFG. CORP.
Terminal Radio Corp.

#### Calibrators

Allegany Instrument Co., Inc.
Ballantine Labs., Inc.
Barnes Development Co.
Davenport Mfg. Co.
Dynamic Instrument Co., Inc.
Feiler Engr. & Mfg. Co.
Ferris Instrument Co., Inc.
Feiler Engr. & Mfg. Co.
John Fluke Mfg. Co., Inc.
Gertsch Products Inc.
Hallamore Electronics Co.
Hamment Electronics Co.
Hamment Electronics Co.
Horban Allantic Industries, Inc.
Gerard G. Leeds Co., Inc.
Microwave Electronics Div., Sperry Gyroscope
Co.
Moran Instrument Corp. Co.
Moran Instrument Corp.
Optimized Devices, Inc.
Hermen Hosmer Scott Inc.
Southwestern Industriel Electronics Co.
Tel-Instrument Electronics Corp.
Terminal Radio Corp.

Barnes Development Co.

\*BAUSCH & LOMB OPTICAL CO.
Brush Instruments, Div.-Clevite Corp.
Cleveland Instrument Co.
Consolideted Avionics Corp.
Devenport Mfg. Co.
Dynac, Inc.
Electro Instruments, Inc.
Electro-Measurements Inc.
Electro-Measurements Inc.
Electro-Measurements Inc.
Feiler Engrg. Mfg. Co.
John Fluke Mfg. Co., Inc.
General Communication Co.
Hallemore Electronics Co.
Hallemore Electronics Co.
Hemmett Electric Co.
Jones & Lemson Mechine Co.
Gererd G. Leeds Co., Inc.
Leeds & Northrup Co.
Optimized Devices, Inc.
Herman Hosmer Scott, Inc.
Southwestern Industriel Electronics Co.
Terminal Radio Corp.
Varo Mfg. Co.
Wintronics

# Galvanometers

Salvanometers

Assembly Products, Inc.
Barnes Development Co.
Jemes G. Biddle Co.
Cembridge Instrument Compeny, Inc.
Century Electronics & Instruments, Inc.
Consolidated Electrodynemics Corp.
Electro-Tech Equipment Co.
Epic, Inc.
Feiler Engrg. & Mfg. Co.
General Electric Co., Apparatus Sales Dir,
Hammett Electric Co.
Heiland Div.—Minneepolis-Honeywell
Kin Tel Div.—Cohu Electronic, Inc.
Leeds & Northrup Co.
Massa Labs., Inc.
Meters Inc.
Minneapolis-Honeywell Reguletor Co., Boston
Div. Minneapolis-Honeywell Regulator Co., Indust. Div.
Minneapolis-Honeywell Regulator Co., Indust. Div.
Photron Instrument Co.
Q. V. S. Inc.
Senborn Co., Simpson Electric Co., Southwestern Industrial Electronics Co., Terminel Redio Corp.
Wecline, Inc.

# Magnetometers

Bernes Development Co. Feiler Engrg. & Mfg. Co. Hemmett Electric Co. Terminel Redio Corp.

# Megohmmeters

Megohmmeters

Associated Research, Inc.
Bernes Development Co.
James G. Biddle Co.
Brush Instruments, Div.-Clevite Corp.
Devenport Mfg. Co.
Electro-Iech Equipment Co.
Epic, Inc.
Feiler Engrg. & Mfg. Co.
Hemmett Electric Co.
Industriel Instruments, Inc.
Keithley Instruments, Inc.
Gererd G. Leeds Co., Inc.
Leeds & Northrup Co.
C, V. S. Inc.
Southwestern Industriel Electronics Co.
Terminel Radio Corp.

# Microammeters

Assembly Products, Inc.
Barnes Development Co.
Dejur-Amsco Corp.
Electric Design & Mrg. Co.
Electro-Tech Equipment Co.
Epic, Inc.
Feiler Engrg. & Mrg. Co.
General Electric Co.
Keithley Instruments, Inc.
Kin Tel Div.-Cohu Electronics, Inc.
Gerard G. Leeds Co., Inc.
Leeds & Northrup Co.
Marion Electrical Instrument Co.
Meters Inc.
Minneapolis-Honeywell Regulator Co., Indust.
Div. Minneapolis-Honeywell Regulation
Div.
National Coil Co.
Phaostron instrument & Electronic Co.
Q. V. S. Inc.
Simpson Electric Co.
Southwestern Industrial Electronics Co.
Southwestern Industrial
Sun Electric Corp.
Terminal Radio Corp.
Wacline, Inc.

# Microfaradmeters

Ballantine Labs., Inc.
Barnes Development Co.
Epic, Inc.
Feiler Engrg. & Mfg. Co.
Hammett Electric Co.
Gerard G. Leeds Co., Inc.
Terminal Radio Corp.

# Micro-Microammeters

Barnes Development Co.
Curtiss-Wright Corp., Electronics Div.
Epic, Inc.
Feiler Engrg. & Mfg. Co.
Hamment Electric Co.
Keithley Instruments, Inc.
Kin Tel Div.-Cohu Electronics, Inc.
Gerard G. Leeds Co., Inc.
Leeds & Northrup Co.
Minneapolis-Honeywell Regulator Co., Indust.
Div.
National Coil Co. Div.
National Coil Co.
Phaostron Instrument & Electronic Co.
Q. V. S. Inc.
Terminal Radio Corp.
Wacline, Inc.

# Milliammeters

Milliammeters

Alto Scientific Co., Inc.
Assembly Prdoucts, Inc.
Barnes Development Co.
Davenport Mfg. Co.
Devenper Mfg. Co.
Dejur-Amsco Corp.
Electric Design & Mfg. Co.
Electro-Tech Equipment Co.
Epic, Inc.
Feiler Engrg. & Mfg. Co.
John Fluke Mfg. Co., Inc.
General Electric Co., Apparatus Sales Div.
Hammett Electric Co., Apparatus Sales Div.
Hammett Electric Co., Apparatus Sales Div.
Hammett Electric Co., Apparatus Sales Div.
Kin Tel Div.-Cohu Electronics, Inc.
Gerard G. Leeds Co., Inc.
Marion Electrical Instrument Co.
Metres Inc.
Minneapolis-Honeywell Regulator Co., Indust.
Div.
National Coil Co.
Phaostron Instrument & Electronic Co.
Q. V. S. Inc.
Simpson Electric Co.
Southwestern Industrial Electronics Co.
Southwestern Industrial Electronics Co.
Sun Electric Corp.
Terminal Radio Corp.
WacIline, Inc.
WESTINGHOUSE ELECTRIC CORP.

# Millivoltmeters

Millivoltmeters

Alto Scientific Co., Inc.
Assembly Products, Inc.
Ballantine Labs., Inc.
Bonton Electronics Corp.
Curliss-Wright Corp., Electronics Div.
Davenport Mfg. Co.
Delur-Amsco Corp.
Dunlap Electronics, Inc.
Electric Design & Mfg. Co.
Electro-Tech Equipment Co.
Epic, Inc.
Epic, Inc.
Feiler Engrg. & Mfg. Co.
Fisher Research Lab., Inc.
John Fluke Mfg. Co., Inc.
General Electric Co., Apparatus Sales Div.
Hagean Chemicals & Controls, Inc.
Hammert Electric Co.
Hickok Electrical Instrument Co., The
Industrial Control Co.
Minneapolis-Honeywell Regulator Co., Indust.
Div.
North Atlantic Industries, Inc.
\*KAHN & CO., INC.

Keithley Instruments, Inc.
Kin Tel Div.-Cohu Electronics, Inc.
Gerard G. Leeds Co., Inc.
Leeds & Northrup Co.
Marion Electrical Instrument Co.
Meters Inc.
National Coil Co.
Non-Linear Systems Inc.
Owen Labs., Inc.
Phaostron Instrument & Electronic Co.
Q. V. S. Inc.
Simpson Electric Co.
Southwestern Industrial Electronics Co.
Sun Electric Corp.
Terminal Radio Corp.
Thermo Electric Co., Inc.
Wacline, Inc.
\*WESTINGHOUSE ELECTRIC CORP.

# **Ohmmeters**

Ohmmeters

Associated Research, Inc.
Bergen Labs.
James G. Biddle Co.
Davenport Mfg. Co.
Electro Instruments, Inc.
Electro-Tech Equipment Co.
Eligin Micronics, West Coast Div.-Elgin National
Watch Co.
Failer Engrg. & Mfg. Co.
Gray Instrument Co.
Hammett Electric Co.
Hammett Electric Co.
Hickok Electrical Instrument Co., The
Industrial Instruments Inc.
Gerard G. Leeds Co., Inc.
Meters Inc.
Non-Linear Systems Inc.
Optimized Devices, Inc.
Phaostron Instrument & Electronic Co.
O. V. S. Inc.
Simpson Electric Co.
Southwestern Industrial Electronics Co.
Telectro Industries Corp.
Terminal Radio Corp.
Terminal Radio Corp.
Terminal Radio Corp.

#### Ratiometers

Electro Instruments, Inc.
Feiler Engrg. & Mfg. Co.
Gertsch Products Inc.
Hammett Electric Co.
Kin Tel Div.-Cohu Electronics, Inc.
Gerard G. Leeds Co., Inc.
Non-Linear Systems Inc.
Terminal Radio Corp.

# Recorders

Acton Laboratories Inc.
Allegany Instrument Co., Inc.
Amelco, Inc.
Antiab Inc.
Brush Instruments, Div.-Clevite Corp.
Centronix Inc.
Consolidated Electrodynamics Corp.
Curtiss-Wright Corp., Electronics Div.
\*DALMO VICTOR CO., DIV.-TEXTRON INC.
Electro Instruments, Inc.
Electro-Medical Lab., Inc.
Electro-General Electric Co.
Feiler Engrg. & Mfg. Co.
General Electric Co., Apparatus Sales Div.
Hammett Electric Co., Apparatus Sales Div.
Heiland Div.—Minneapolis-Honeywell
Hogan Laboratories, Inc.
Laboratory for Electronics, Inc.
Gerard G. Leeds Co., Inc.
Leeds & Northrup Co.
Massa Labs., Inc.
Minneapolis-Honeywell Regulator Co., Indust.
Div.
F. L. Moseley Co.
Photron Instrument Co.
\*POTTER AERONAUTICAL CORP.
Research Appliance Co.
Southwestern Industrial Electronics Co.
Terminal Radio Corp.
\*WESTINGHOUSE ELECTRIC CORP., AIR ARM
DIV.
Vestronics Inc.

# Tracers, Signal

Feiler Engrg. & Mfg. Co. Skiatron Electronics & Television Corp. Tterminal Radio Corp. Winder Aircraft Corp. of Fla.

## Voltmeters

Acton Laboratories Inc.
Alto Scientific Co., Inc.
Assembly Products, Inc.
Ballantine Labs., Inc.
Bergen Labs.
Boonton Electronics Corp.
Consolidated Electrodynamics Corp.
Cubic Corp.
Davenport Mfg. Co.
Dejur-Amsco Corp.
Dunlap Electronics, Inc.
Electric Auto-Life Co., The

Electric Design & Mfg. Co. Electro Instruments, Inc. Electronic Associates, Inc. Electro-Tech Equipment Co. Electronic Associatés, Inc.
Electro-Tech Equipment Co.
Epic, Inc.
Feiler Engrg. & Mfg. Co.
John Fluke Mfg. Co., Inc.
Hagan Chemicajs & Controls, Inc.
Hammett Electric Co.
Helipot Corp.
Hickok Electrical Instrument Co., The
North Atlantic Industries, Inc.
Keithley Instruments, Inc.
Keithley Instruments, Inc.
Kin Tel Div.-Cohu Electronics, Inc.
Garard G. Leeds Co., Inc.
Munston Mfg. & Service, Inc.
National Coil Co.
Phaostron Instrument & Electronic Co.
Q. V. S. Inc.
Simpson Electric Co.
Southwestern Industrial Electronics Co.
Sumbestern Industrial Electronics Co.
Sumbestern Industrial Electronics Co.
Terminal Radio Corp.
Terminal Radio Corp.
Tiro Laboratories, Inc.
Wacline, Inc.
Wastine HOUSE ELECTRIC CORP.

# Volt-Ohm-Milliammeters

Electro-Tech Equipment Co.
Epic, Inc.
Feiler Engrg, & Mfg, Co.
Hammett Electric Co.
Hickok Electrical Instrument Co., The
Industrial Television Inc.
Instrument Laboratories
Keithley Instruments, Inc.
Gerard G. Leeds Co., Inc.
Meters Inc.
Munston Mfg. & Service, Inc.
National Coil Co.
Non-Linear Systems Inc.
Phaostron Instrument & Electronic Co.
Q. V. S. Inc.
Simpson Electric Co.
Southwestern Industrial Electronics Co.
Terminal Radio Corp.
\*WESTINGHOUSE ELECTRIC CORP. Electro-Tech Equipment Co.

# Wattmeters

Cubic Corp. Electro Impulse Lab., Inc. Electro-Tech Equipment Co. Electro-Tech Equipment Co.
Epic, Inc.
Epic,

# INSTRUMENTS, GRAPHIC RECORDING

Air Logistics Corp. Airborne Instruments Lab., Inc. Alden Electronic & Impulse Recording Equip. Airborne Instruments Lab., Inc.
Alden Electronic & Impulse Recording Equip.
Co.
Allegany Instrument Co., Inc.
Antlab Inc.
Barnes Development Co.
Barnes Development Co.
Benson-Lehner Corp.
Brush Instruments, Div.-Clevite Corp.
Burroughs Corp.
Consolidated Avionics Corp.
Consolidated Electrodynamics Corp.
Consolidated Electrodynamics Corp.
Curliss-Wright Corp., Electronics Div.
Devco Engg. Inc.
Edgerton, Germeshausen & Grier, Inc.
Electric Auto-Lite Co., The
Electro-Tech Equipment Co.
Fischer & Porter Co.
General Electric Co., Apparatus Sales Div.
General Railway Signal Co.
Hagan Chemicals & Controls, Inc.
Heiland Div.—Minneapolis-Honeywell
Kay Electric Co.
Leeds & Northrup Co.
Massa Labs., Inc.
Minneapolis-Honeywell Regulator Co., Indust.
Div.
Li. Moseley Co. Minneapolis-Honeywell Regulator Co., Moseley Co.
Offiner Electronics Inc.
Palmer Thermometers, Inc.
Perkin-Elmer Corp.
Potter Aeronautical Corp.
Sanborn Co.
Scientific Instrument Co.
Southwestern Industrial Electronics Co.
Tally Register Corp.
Virginia Plak Co.
\*WESTINGHOUSE ELECTRIC CORP., AIR ARM
DIV.

DIV. Westronics Inc.

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# ... tracking & telemetering INSULATORS

# INSULATING COMPOUNDS

Biwax Corp.
Borden Chemical Co., The, Div.-The Borden Co.,
Resinite Dept.
Electric Auto-Lite Co., The
Hi-Test Chemical Corp.
DIBEAL CHEMICAL PRODUCTS, INC.
Mycalex Corp. of America
National Tel-Tronics Corp.
Organic Development Corp., Spectra-Strip Div.
Sificones Div.-Union Carbide Corp.
Swedlow Plastics Co.
Zophar Mills Inc. Swedlow Plastics Zophar Mills Inc.

# INSULATION MATERIALS

NSULATION MATERIALS

Accurate Electronics Corp., Dept D

Aero Leather Products Co.
Auburn Mig. Co., The
Birnbach Radio Co., Inc.
Bonny Mig. Corp.
Bonden Chemical Co., The., Div.-The Borden
Co., Resinite Dept.
William Brand & Co., Inc.
Continental Diamond Fibre Corp., Sub.—The
Budd Co.
Diamonite Products Mig. Co.
Diamonite Products Mig. Co.
Electric Auto-Life Co., The
Emerson Plastics Corp.
Englineered Plastics, Inc.
General Gasket Inc.
Seneral Gasket Inc.
General Gasket Inc.
General Gasket Inc.
General Gasket Inc.
Mig. Corp.
Jodee Plastics Co.
Joseph Kaye & Co.
L. O. F. Glass Fibers Co.
Walfer Lee Chemical Corp.
Maryland Lava Co.
Midand Paint & Varnish Co., The
Mycalex Corp. of America
National Tel-Tronics Corp.
Raybestos-Manhattan, Inc.
Rogers Corp.
Rubatex Div., Great American Industries Inc.
St. Regis Paper Co.
Savonburg Ceramics
Schlegel Mig. Co.
Silicone Insulation, Inc.
Spirce Pine Mica Co.,
D. M. Steward Mig. Co.
Speudion Fiber Co., Inc.
Spruce Pine Mica Co.,
L. I. Thompson Fiber Glass Co.
Union Asbestos & Rubber Co.

# INSULATION PARTS, BEAD INSULATION PARTS

INSULATION PARIS

American Lava Corp.
Continental Diamond Fibre Corp., Sub.-Tha
Budd Co.
Diamonita Products Mfg. Co.
Wilbur B. Driver Co.
Electric Auto-Life Co., The
Emerson Plastics Corp.
Fentla Corp.
General Ceramics Corp.
Isolantite Mfg. Corp.
Jodee Plastics Co.
Walter Lea Chemical Corp.
Maryland Lava Co.
National Tel-Tronics Corp.
Saxonburg Ceramics
Silicone Insulation, Inc.
D. M. Steward Mfg. Co.

# INSULATION PARTS, RODS

Auburn Mfg. Co., Tha Continental Diamond Fibra Corp., Sub.-Tha Auburn Mfg. Co., Tha Continental Diamond Fibra Corp. Budd Co. Diamonite Products Mfg. Co. Electronic Techniques, Inc. Emerson Plastics Corp. English Ceramics Corp. General Ceramics Corp. General Gasket, Inc. Isolantite Mfg. Corp. Jodee Plastics Co. Lapp Insulator Co., Inc., Radio St. Walter Lee Chemical Corp. Maryland Lava Co. Mycalex Corp. of America National Tel-Tronics Corp. Peerless Products Industries Penn Fibre & Specialty Co., Inc. Rex Corp., The Rogers Corp. St. Regis Paper Co. Saxonburg Ceramics Silicone Insulation, Inc. D. M. Steward Mfg. Co. Swellow Plastics Co. Radio Specialties Div.

Accurate Electronics Corp., Dept. D
Auburn Mig. Co., The
Auburn Spark Plug Co., Inc.
Birnbach Radio Co., Inc.
Biwas Corp.
Continental Diamond Fibre Corp., Sub.-The Biwax Corp.
Continental Diamond Fibre Corp., Sub.-The
Budd Co.
Diamonite Products Mfg. Co.
Emerson Plastics Corp.
Enflo Corp.
Garde Mfg. Co.
General Ceramics Corp.
Hallett Mfg. Co.
Industrial Mice Corp.
Isolantite Mfg. Cop.
E. F. Johnson Co.
Lapp Insulator Co., Inc., Radio Specielties Div.
Walter Lee Chemical Corp.
Maryland Lava Co.
Mycalex Corp. of Americe
National Tel-Tronics Corp.
Peerless Products Industrias
Penn Fibre & Specialty Co., Inc.
Saxonburg Ceramics
Silicone Insulation, Inc.
D. M. Steward Mfg. Co.
Tri-Dex Co.

\*WESTINGHOUSE ELECTRIC CORP.

# **INVERTERS**

NVERTERS

Airborne Accessories Corp.
Allo Scientific Co., Inc.,
American Electronics, Inc.
American Research & Mig. Corp.
American Television & Radio Co.,
Avion Div. ACF Industries, Inc.,
Ballantine Labs., Inc.
Cornell-Dubliter Electric Corp.
Eicor Div.-F. L. Jacobs Co.,
Electronic Techniques, Inc.,
Electronic Techniques, Inc.,
Electrosolids Corp.
General Electric Co., Apparetus Seles Div.
Green Rectifier Co.,
Hammett Electric Co.,
Jordan Electronics, Div.-Victoreen Instrument Co.
Motordyne, Inc.,
Opad Electric Co.,
Power Sources, Inc.
TKM Electric Corp.
Terminal Radio Corp.
Varo Mig. Co.,
Vibration Research Labs., Inc.

# ION TRAPS

Terminal Radio Corp.

# ISOLATORS, MICROWAVE

Bogart Mfg. Corp. Continental Diamond Fibre Corp., Sub.-The Budd Co. Joe Davidson & Associates
Microwave Electronics Div., Sperry Gyroscope Microwave Electronics Co. Ryan Aeronautical Co. Sage Laboratories, Inc. Techniques, Inc. Tarminal Radio Corp. Uniwave, Inc. Waveline, Inc.

# JACK PANEL ASSEMBLIES

Accurate Electronics Corp., Dept. D
Aerolite Electronics Corp.
Amaiom Electronic Hardwere Co., Inc.
Empire Electronics Co., Inc.
Empire Electronics Co., Inc.
Ceneral Railway Signal Co.
Rowe Industries
Schaffer Air Industries, Inc.
Switchcraft, Inc.
Telectro Industries Corp.
Terminal Radio Corp.

# **JEWELS**

Richard H. Bird & Co., Inc. General Electric Co., Apparatus Sales Div. Hamilton Watch Co., Military Products Div. Swiss Jewel Co. Wakmann Watch Co., Inc.

# JUNCTION BOXES AND PANELS

Accurate Electronics Corp.,
Aerolite Electronics Corp.,
American Electronics, Inc.,
Conlinental Diamond Fibre
Budd Co.,
General Railway Signal Co.,
Grimes Mig. Co.,
Hallett Mig. Co.,
Kellett Aircraft Corp.,
Kolton Electric Mig. Co.,
Lane Electronics Mig. Corp.,
Premier Metal Products Co.,
Schaffer Air Industries,
Swedlow Plastics Co.,
Telkor, Inc.

# **KEYERS**

Reeves Instrument Corp.

#### KILOVOLTMETERS

Associated Research, Inc. Bracke-Seib X-Ray Co., Inc. Davenport Mfg. Co. Electro-Tech Equipment Co. Electro-Tech Equipment Co. Ferranti Electric, Inc.
General Electric Co., Apparatus Sales Div.
Gertsch Products, Inc.
Hammett Electric Co.
Keithley Instruments, Inc.
Phaostron Intrument & Electronic Co.
Q. V. S., Inc.
Ryen Aeronauticel Co.
Wacline, Inc.
\*WESTINGHOUSE ELECTRIC CORP.

# LAMINATIONS, TRANSFORMER

American Printed Circuits Co., Inc. General Railway Signal Co. Swedlow Plastics Co. Topper Mfg. Co., Inc. J. H. Winn, Inc.

# LENSES, ZOOM

\*BAUSCH & LOMB OPTICAL CO.
Buhl Optical Co.
\*HAYWARD SCIENTIFIC GLASS CORP. Perkin-Elmer Corp. Wollensak Optical Co.

# LIGHTS

Alden Products Co.
Automatic Electric Sales Corp.
Circon Componant Corp.
Cole-Hersee Co.
Cutler-Hammer, Inc.
Electronics Corp. of America
General Railway Signal Co.
Grimes Mfg. Co.
Star Engraving Co., Ltd.
Terminal Radio Corp.

# Dial, Panel & Pilot

Dial, Panel & Pilot

Aerolite Electronics Corp.
Alden Products Co.
Alden Products Co.
Alden Products Co.
Automatic Electric Sales Corp.
Chicago Miniature Lamp Works
Circon Component Corp.
Cole-Hersee Co.
Cutler-Hammer Inc.
Dialight Corp.
Eldema Corp.
General Electric Co., Apparatus Sales Div.
Greene Rectiffer Co.
Grimes Mig. Co.
E. F. Johnson Co.
Kulka Electric Corp.
Marco Industries Co.
Master Specialities Co.
O & S Research, Inc.
Star Engraving Co., Ltd.
Terminal Radio Corp.
Ucinite Co., The, Div.-United Carr Fastener
Corp.
United-Carr Fastener Corp. Corp.
United-Carr Fastener Corp.

# Black

Cole-Hersee .Co.
Day-Ray Products, Inc.
Grimes Mfg. Co.
Shannon Luminous Materials Co.
Star Engraving Co., Ltd.
Terminal Radio Corp.

# Jewel Pilot

Jewel Pilot
Aerolite Electronics Corp.
Amatom Electronic Hardware Co. Inc.
Automatic Electric Sales Corp.
Circon Component Corp.
Dialight Corp.
Eldema Corp.
Green Rectifier Co.
Grimes Mig. Co.
Marco Industries Co.
Terminal Radio Corp.
Ucinite Co., The, Div.—United-Carr Fastener
Corp.
United-Carr Fastener Corp.

#### Miniature

Alfordia Electronics Corp.
Alden Products Co.
Alden Products Co.
Amatom Electronic Hardware Co. Inc.
Automatic Electric Sales Corp.
Chicago Miniature Lamp Works
Circon Component Corp.
Cole-Hersee Co.
Dialight Corp.

Eldema Corp.
Grimes Mig. Co.
Hudson Lamp Co.
Marco Industries Co.
Signalite Inc.
Star Engraving Co., Ltd.
Terminal Radio Corp.
United-Carr Fastener Corp.

# Neon Test

Alden Products Co.
Automatic Electric Sales Corp.
Circon Component Corp.
Dialight Corp.
Master Specialities Co.
Terminal Radio Corp.
Ucinite Co., The, Div.—United-Carr Fastener
Corp.

# Photoelectric Source

Electronics Corp. of America Photobell Co., Inc. Terminal Radio Corp.

Aerolite Eletronics Corp.
Amglo Corp.
Dialight Corp.
Eldema Corp.
General Railway Signal Co.
Gerimes Mfg. Co.
Kemlite Laboratories, Inc.
Kulka Electric Corp.
Terminal Radio Corp.

# LINKS, ANTENNA

Canoga Corp. of California
Continental Diamond Fibre Corp., Sub.—The
Budd Co.
Defiance Engrg. & Microwave Corp.
Gabriel Co., The Gabriel Electronics Div.
Technical Appliance Corp.
Teletro Industries Corp.
\*\*TELERAD MFG. CORP.
Terminal Radio Corp.

# LUGS

Amp Inc.
Amatom Electronic Hardware Co. Inc.
American Brass Co., The
Birmbach Radio Co., Inc.
Burndy Corp., Omaton Div.
Connector Corp.
Gee Engrg. Co.
Keystone Electronics Corp.
Kulka Electric Corp.
Malco Tool & Mfg. Co.
Terminal Radio Corp.
Waldom Electronics Inc.

# MACH LIMIT SWITCHES

Eclipse-Pioneer Div., Bendix Aviation Corp. Greenleaf Mfg. Co., The, Div.-Mandrel Industries Kollsman Instrument Corp., Sub-Standard Coil Products Co., Inc.
Pioneer-Central Div., Bendix Aviation Corp.
Specialities, Inc.
Terminal Radio Corp.

# MAGNETS

Arnold Engrg. Co., The Curler-Hammer Inc. Hamilton Watch Co., Military Products Div. Indiana Steel Products Co., Inc. Metallurgical Products Dept., General Electric Co.
Permag Corp.
Terminal Radio Corp.
Thomas & Skinner, Inc.
\*WESTINGHOUSE ELECTRIC CORP.

# MATRIXES COMPUTER

General Cermamics Corp. Skiatron Electronics & Television Corp. Sylvania Electronic Systems, Div.-Sylvania Elec-tric Products Inc. Wacline, Inc.

# MEMORY

Alden Products Co.
BJ Electronics, Borg-Warner Corp.
Bryant Gage & Spindle Div., Bryant Chucking
Grinder Co.
Burroughs Corp.
Burroughs Corp.
General Ceramics Corp.
General Railway Signal Co.
Librascope Inc.
Skiatron Electronics & Television Corp.

# Crystal

Skiatron Electronics & Television Corp.

#### Drums

American Electronics, Inc., Data-Tronics Div.
BJ Electronics, Borg-Warner Corp.
Bryant Gage & Spindle Div., Bryant Chucking
Grinder Co.
Burroughs Corp.
Ferranti Electric Inc.
General Transistor Western Corp.
Laboratory for Electronics, Inc.
Librascope Inc.
Minneapolis-Honeywell Regulator Co., Indust.
Div. Div.
Norton Associates, Inc.
Telectro Industries Corp.

# Multi-Core Magnetics

Authr-Core Magnetics
Alden Products Co.
Burroughs Corp.
Consolidated Avionics Corp.
Daystrom Instrument Div., Daystrom, Inc.
General Caramics Corp.
General Railway Signal Co.
Johnson Electronics Inc.
Librascope Inc.
Rese Engrg., Inc.
Seeburg Corp., The
Servomechanisms, Inc.
Skiatron Electronics & Television Corp.
Stromberg-Carlson, Electronics Div.
Thermo Materials, Inc.
Wacline, Inc.

# Systems

Priggs Associates, Inc.
Bryant Gage & Spindle Div., Bryant Chucking
Grinder Co.
Burroughs Corp.
Consolidated Avionics Corp.
Ferranti Electric Inc.
Librascope Inc.
Rese Engrg., Inc.
Shannon Luminous Materials Co.
Skiatron Electronics & Television Corp.

# Tape Loop

American Electronics, Inc., Data-Tronics Div. Consolidated Avionics Corp. Electronic Associates, Inc., General Transistor Western Corp. Hamilton Watch Co., Military Products Div. Johnson Electronics Inc., Librascope Inc., Minneapolis-Honeywell Regulator Co., Indus Div. Indust. Minneapolis-riolleywork
Div.
Skiatron Electronics & Television Corp.
Soroban Engrg. Inc.
Telectro Industries Corp.

# Tubes

Librascope, Inc. Magnetic Shield Div.-Perfection Mica Co. Skiatron Electronics & Television Corp.

# MICA PLATE AND SHEET

William Brand & Co., Inc. Continental Diamond Fibre Corp., Sub.-The Budd Co. Mica Fabricating Co. Micracraft Products, Inc. Spruce Pine Mica Co.

# MICROWAVE ABSORBERS

Airtron, Inc.
Demornay-Bonardi
Dwyer Engrg. Co., Inc.
Electro Impulse Lab., Inc.
McMillan Industrial Corp.
Metavac, Inc.
Radar Design Corp.
Topper Mfg. Co., Inc.
Uniwave, Inc.
Wacline, Inc.

# MICROWAVE ACCESSORIES

Ainslie Corp.
Airborne Instruments Lab., Inc.
Airtron, Inc.
Bogart Mig. Corp.
Continental Diamond Fibre Corp., Sub.-The \*\*Douglai Mily Corp.

Continental Diamond Fibre Corp., Sub.-The Budd Co.

\*\*\*DALMO CLOR CO., DIV.-TEXTRON, INC.

Joe Davidson & Associates
Defiance Engrg, & Microwave Corp.
Defiance Engrg, & Microwave Corp.
Diamond Anienna & Microwave Corp.
Draire, Inc.
Electron Jules Lab., Inc.
Engelhard Industries Inc., D. E. Makepeace Div.
General Communication Co.

John Gombos Co., Inc.
Hansen Electronics Co.

Jens Hicrowave Electronics, Inc.
Microwave Electronics Div., Sperry Gyroscope
Narda Microwave Corp., The
Omega Labs., Inc.
Radar Design Corp.





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# ... tracking & telemetering

Ryan Aeronautical Co. Sage Laboratories, Inc. Sanders Associates, Inc. Technical Applience Corp. Technical Oil Tool Corp. TetleRAD MFG. CORP. Transco Products, Inc. Uniwave, Inc. Wacline, Inc. Waveline, Inc. Waveguide, Inc.

# MODULATORS, MAGNETIC

Airtron, Inc. American Research & Mfg. Corp.

# MODULATORS, PHASE

Servomechanisms, Inc., Mechatrol Div. Ultradyne, Inc.

# MODULATORS, PULSE

Airtron, Inc.
Alto Scientific Co., Inc.
Bradley Labs.
Carad Corp.
Gerard G. Leeds Co., Inc.
Omega Labs., Inc.
Resdel Engra. Corp.
WESTINGHOUSE ELECTRIC CORP., AIR ARM

# MONITORING EQUIPMENT, TRANSMISSION

Lampkin Labs., Inc.
\*RHEEM MFG. CO., ELECTRONICS DIV.
Telectro Industries Corp.

# **MONITORS**

Reeves Instrument Corp. Seeley Electronics Stromberg-Cerlson, Electronics Div.

#### am-fm Transmitter

Seeley Electronics Telectro Industries Corp.

# Antenna Phase

Reeves Instrument Corp. Telectro Industries Corp.

A. Maurer, Inc.
Minneapolis-Honeywell Regulator Co.
Setchell-Carlson, Inc.
Telectro Industries Corp.
Varo Mfg. Co.

# Frequency

Dunlap Electronics, Inc.
Electro Impulse Lab., Inc.
Lampkin Labs., Inc.
Microwave Electronics Div., Sperry Gyroscope Setchell-Carlson, Inc. Telectro Industries Corp. Varo Mfg. Co. Waugh Engrg. Co.

# Line & Program

Collins Radio Co.
J. A. Maurer, Inc.
Telectro Industries Corp.

# Modulation

Lampkin Labs., Inc. Southwestern Industrial Electronics Co. Telectro Industries Corp. Varo Mfg. Co.

North Atlentic Industries, Inc. Telectro Industries Corp. Theta Instrument Corp.

# R-F Power

Collins Radio Co. Electro Impulse Lab., Inc. Marconi Instruments Microwave Electronics Div., Sperry Gyroscope Co.
Polarad Electronics Corp.
Setchell-Cerlson Inc.
Telechrome Mfg. Corp.
Telectro Industries Corp.

# Service

James Cunningham Son & Co., Inc. Reeves Instrument Corp. Telectro Industries Corp.

Phaostron Instrument & Electronic Co. Telectro Industries Corp. Waveforms, Inc.

#### Waveform

Telechrome Mfg. Corp.
Telectro Industries Corp.

# MOTORS, TURNTABLE

Advance Industries, Inc.
Advance Industries, Inc.
Ashland Electric Products, Inc.
Bogue Electric Co.
Bogue Electric Mfg. Co.
Electric Indicator Co., Inc.
General Electric Co., Apparatus Sales Div.
Hammett Electric Co.
Motoresearch Co.
Redmond Co., Inc.
Color Color Co., Inc.
Color Color Co., Inc.
Color Color Color Co., Inc.
Color Color

#### MOUNTS

MOUNTS

Antlab, Inc.
Applied Research Inc.
Continental Diamond Fibre Corp., Sub.-The
Budd Co.
Federal Machine Co., Inc.
J. W. Fecker Inc., Sub.-American Optical Co.
G. W. Galloway Co.
General Cable Corp.
Hamilton Kent Mig. Co.
Houston Fearless Corp.
K. W. Johnson & Co., Inc.
Narda Microwave Corp., The
Pic Design Corp., Sub-Benrus Watch Co., Inc.
Robinson Aviation, Inc.
Robinson Aviation, Inc.
Roll Formed Products Co.
Rubbercraft Corp. of California
Technical Appliance Corp.
Telectro Industries Corp.
United Mig. Co., The
Wacline, Inc.
Winder Aircraft Corp. of Fla.

# MULTIPLEX SYSTEMS

Applied Research Inc.

\*BAUSCH & LOMB OPTICAL CO.

Browning Laboratories, Inc.
Consolidated Avionics Corp.
Consolidated Electrodynamics Corp.
\*POATA-CONTROL SYSTEMS, INC.
Hoover Electronics Co.
J-V-M Microwave Co.

\*TELE-DYNAMICS, INC.

## **MULTIPLIERS**

American Research & Mfg. Corp.
Daven Co., The
Del Electronics Corp.
Farnsworth Electronics Co., Div.-Int'l Telephone
& Telegraph Corp.
Feedback Controls, Inc.
Key Resistor Corp.
Microlab Instrument & Electronic Co. Microlab
Phaostron Instrument & Electronic Co.
Resdel Engrg. Corp.
Skiatron Electronics & Television Corp.
Telectro Industries Corp.
Transco Products, Inc.

#### **NETWORKS**

Advance Industries, Inc.
Alto Scientific Co., Inc.
Daven Co., The
Dwyer Engrg. Co., Inc.
Filtron Co., Inc.
Filtron Co., Inc.
NYT Electronics, Inc.
Southwestern Industrial Electronics Co.
Tobe Deutschmann Corp.

# Crossover

Advance Industries, Inc. Daven Co., The Johnson Electronics Inc. La Pointe Industries Inc. Telectro Industries Corp. Western Electro-Acoustic Lab.

# Directional Antenna Phasing

Daven Co., The E. F. Johnson Co. Johnson Electronics Inc. La Pointe Industries Inc. Technical Appliance Corp.

# Matching

Blonder-Tongue Labs., Inc. Carad Corp.
Daven Co., The
Johnson Electronics Inc. La Pointe Industries Inc. Technical Appliance Corp. United Transformer Corp.

#### Potted

Potted

Advance Industries, Inc.
Carad Corp.
Dale Products, Inc.
Daven Co., The
Dwyer Engrg. Co., Inc.
Johnson Electronics Inc.
Key Resistor Corp.
La Pointe Industries Inc.
NYT Electronics, Inc.
Southern Electronics Corp.
Southwestern Industrial Electronics Co.
Telectro Industrial Corp.
Tucson Instrument Corp.
Vanguard Electronics Co.
United Transformer Corp.

# Pulse Forming

Alto Scientific Co., Inc.
Axel Electronics
Carad Corp.
Corson Electric Mfg. Corp.
Daven Co., The
Filtron Co., Inc.
General Railway Signal Co.
Johnson Electronics Inc.
La Pointe Industries Inc.
NYT Electronics, Inc.
Orbitran Co., Inc.
Plastic Capacitors, Inc.
Plastic Capacitors, Inc. Plastic Capacitors, inc.
Saratoga Industries
Telectro Industries Corp.
Tobe Deutschmann Corp.
Tucson Instrument Corp.
Vanguard Electronics Co.
United Transformer Corp.

# OPTICAL EQUIPMENT & **SPECIALTIES**

SPECIALTIES

American Optical Co., Instrument Div.
Applied Research Labs.,
Atlantic Research Corp.,
Avider Associates Inc.,
Bard-Alomic, Inc.,
BAUSCH & LOMB OPTICAL CO.,
Buhl Optical Co.,
Coleman Engrg. Co., Inc.,
Consolidated Electrodynamics Corp.,
Davidson Mig. Co.,
Eastman Kodak Co.,
Farnsworth Electronics Co., Div.-Int'l Telephone
& Telegraph Corp.,
J. W. Fecker, Inc. Div.-American Optical Co.,
General Scientific Equipment Co.,
Hamilton Watch Co., Military Products Div.,
Hammett Electric Co.
\*\*HATWARD SCIENTIFIC GLASS CORP.\*\*
Instrument Development Laboratories, Inc.,
Jones & Lamson Machine Co.,
Kollsman Instrument Corp., Sub.-Standard Coil
Products Co., Inc.,
Mast Development Co., Inc.,
M

Kollsman Instrument Corp., Sub.-Standa Products Co., Inc., Mast Development Co., Inc., J. A. Maurer, Inc., Merix Chemical Co., O & S Research, Inc., Optomechanisms Inc., OPTO-METRIC TOOL, INC., Pacific Universal Products Corp., Perkin-Elmer Corp., Traid Corp., Ryan Aeronautical Co., Skiatron Electronics & Television Corp., Task Corp., Wollensak Optical Co., Zenith Optical Laboratory

**OSCILLATORS** Alpha Instrument Co. Alto Scientific Co., Inc. Alto Scientific Co., Inc.
Amerac Inc.
James G. Biddle Co.
Bogart Mfg. Corp.
Boonton Radio Corp.
Bornton Radio Corp.
Burnell & Co., Inc.
Canega Corp. of California
Cardinal Instrumentation Corp.
Concluded Avionics Corp.
Concluded Avionics Corp.
COOPER DEVELOPMENT CORP.
Cubic Corp.,
Datran Electronics, Div.—Mid-Continent Mfg.,
Inc. Datran Electronics, Div.—Mid-Continent Mfg., Inc.
Dynac, Inc.
Electronic Communications, Inc.
Electronic Instrumentation Co., Div.—Ramo-Wooldridge Corp.
Haller Raymond & Brown Inc.
\*\*INTERELECTRONICS CORP.
Lane Electronics Mfg. Corp.

Gerard G, Leeds Co., Inc.
Moran Instrument Corp.
Munston Mfg. & Service, Inc.
Reeves-Hoffman Div.
Ryan Aeronautical Co.
Southwestern Industrial Electronics Co.
Telonic Industries, Inc.
Tensor Electric Development Co., Inc.
Terminal Radio Corp.
Ultradyne, Inc.
Varo Mfg. Co.

#### Audio

Audio

Adler Electronics, Inc.
Alto Scientific Co., Inc.
Burnell & Co., Inc.
Canega Corp. of California
Cardinal Instrumentation Corp.
Consolidated Electrodynamics Corp.
\*\*COOPER DEVELOPMENT CORP.
\*\*DATA-CONTROL SYSTEMS INC.
Dunlap Electronics, Inc.
Dynac, Inc.
Electromation Co.
Elem Mfg. Co. Inc.
Hickok Electrical Instrument Co., The
\*\*INTERELECTRONICS CORP.
Johnson Electronics Inc.
Kay Electric Co.
Kinevox-Hallen
Lane Electronics Mfg. Corp.
M F Electronics Co.
Munston Mfg. & Service, Inc.
Ryan Aeronautical Co.
Southwestern Industrial Electronics Co.
Spectrum Instruments, Inc.
Telectro Industries Corp.
Terminal Radio Corp.
Terminal Radio Corp.
Trans Electronics, Inc.
Varo Mfg. Co.
Waveforms, Inc.

Audi: Each Contability

# Audio Fork Controlled

Antiab Inc.
Bell & Gossett Co.
Haller Raymond & Brown Inc.
\*NITERELECTRONICS CORP.
Southwestern Industrial Electronics Co.
Telectro Industries Corp.
Tensor Electric Development Co., Inc.
Terminal Radio Corp.
Varo Mfg. Co.
Walkirt Co.

# Audio Frequency

Addio Frequency

Adler Electronics, Inc.
Amelco, Inc.
James G. Biddle Co.
Cardinal Instrumentation Corp.
\*\*POATA-CONTROL SYSTEMS INC.
Dunlap Electronics, Inc.
Dynac, Inc.
Elm Mfg. Co. Inc.
Haller Raymond & Brown Inc.
Hickok Electricial Instrument Co., The
\*\*INTERELECTRONICS CORP.
Johnson Electronics Inc.
Kay Electric Co.
Lane Electronics Mfg. Corp.
M F Electronics Mfg. Corp.
M F Electronics Inc.
Southwestern Industrial Electronics Co.
Spectrum Instruments, Inc.
\*\*TELE-DYNAMICS INC.
Teletronics Laboratory Inc.
Terminal Radio Corp.
Varo Mfg. Co.
Walkirt Co.
Waveforms, Inc.

# Cavity

Adler Electronics, Inc.
Amerac Inc.
General Communication Co.
Haller Raymond & Brown Inc.
Moran Instrument Corp.
Resdel Engrg. Corp.
Terminal Radio Corp.

# Code

Dunlap Electronics, Inc. Haller Raymond & Brown Inc. Station Electronics & Television Corp. Terminal Radio Corp. Videon Electronic Corp.

#### Crystal

Borg Equipment Div.-The George W. Borg Corp.
Cardinal Instrumentation Corp.
\*COOPER DEVELOPMENT CORP.
Haller Raymond & Brown Inc.
Hycon Eastern Inc.
Kay Electric Co.
Manson Laboratories, Inc.
Munston Mfg. & Service, Inc.
Reeves-Hoffman Div.
Resdel Engrg. Corp.
Seeburg Corp., The

Telonic Industries, Inc. Tensor Electric Development Co., Inc. Terminal Radio Corp. Walkirt Co.

# Grip Dip-High Frequency & VHF

Alto Scientific Co., Inc.
Boonton Electronics Corp.
Haller Raymond & Brown Inc.
Johnson Electronics Inc.
Terminal Radio Corp.

# Microwave

Microwave

Airborne Instruments Lab., Inc.
Airtron, Inc.
Bogart Mfg. Corp.
CGS Labs., Inc.
California Technical Industries, Div.-Textron Inc.
Demornay-Bonardi
Diamond Antenna & Microwave Corp.
Dynac, Inc.
Farnsworth Electronics Co., Div.-Int'l Telephone
& Telegraph Corp.
Geisler Labs.
General Communication Co.
Haller Raymond & Brown Inc.
J-V-M Microwave Co.
Johnson Electronics Inc.
Kay Electric Co.
Laboratory for Electronics, Inc.
Gerard G. Leeds Co., Inc.
Manson Laboratories, Inc.
Microwave Electronics Div., Sperry Gyroscope
Co. Microwave Electronics Div. Co.
Polarad Electronics Corp.
Resdel Engrg. Corp.
Ryan Aeronautical Co.
Technical Oil Tool Corp.
\*TELERAD MFG. CORP.
Terminal Radio Corp.
Waveline, Inc.
Wave Particle Corp.
Weinschel Engrg.

# Oven Crystal Control

Billey Electric Co.
Haller Raymond & Brown Inc.
Manson Laboratories, Inc.
August E. Miller Laboratories
Resdel Engrg. Corp.
Tel-Instrument Electronics Corp.
Terminal Radio Corp.
Textran Corp.
Walkirt Co.
Wilcox Electric Co., Inc.

# Pulse

Julse
Alto Scientific Co., Inc.
Consolidated Avionics Corp.
Electromation Co.
Electromation Co.
Erie Resistor Corp.
Farnsworth Electronics Co., Div.-Int'l Telephone
& Telegraph Corp.
Haller Raymond & Brown Inc.
Hickok Electrical Instrument Co., The
Johnson Electronics Inc.
Kay Electric Co.
Kinevox-Hallen
Resdel Engra. Corp.
Rutherford Electronics Co.
Skiatron Electronics & Television Corp.
Southwestern Industrial Electronics Co.
Terminal Radio Corp.

# Pushbutton

Consolidated Electrodynamics Corp.
Electronic Measurements Corp.
Haller Raymond & Brown Inc.
Telectro Industries Corp.
Teletronics Laboratory Inc.
Tel-Instrument Electronics Corp.
Terminal Radio Corp.

# Radio Frequency

Radio Frequency

Adler Electronics, Inc.
Airborne Instruments Lab., Inc.
Boonton Electronics Corp.
Boonton Radio Corp.
Cordinal Instrumentation Corp.
Consolidated Electrodynamics Corp.
Haller Raymond & Brown Inc.
Hickok Electrical Instrument
\*\*INTERELECTRONICS CORP.
Johnson Electronics Inc.
Kay Electric Co.
Manson Laboratories, Inc.
Munston Mfg. & Service, Inc.
Ralph M. Parsons Co., The, Electronics Div.
Seeburg Corp., The
Tel-Instrument Electronics Corp.
Telonic Industries, Inc.
Terminal Radio Corp.
Thompson Products, Inc.
Wave Particle Corp.
Weinschel Engrg.

Adler Electronics, Inc.
Airborne Instruments Lab., Inc.
Alpha Instruments Co.
Boonton Electronics Corp.
Boonton Radio Corp.
Canoga Corp. of California
Cardinal Instrumentation Corp.
Canoga Corp. of California
Cardinal Instrumentation Corp.
Consolidated Electrodynamics Corp.
\*\*COOPER DEVELOPPMENT CORP.

Jubic Corp.
Diamond Antenna & Microwave Corp.
Electronic Communications, Inc.
Geisler Labs.
General Communication Co.
Haller Raymond & Brown Inc.
Hickok Electrical Instrument Co., The
Instrument Motors
\*\*NITERELECTRONICS CORP.
J-V-M Microwave Co.
E. F. Johnson Co.
Johnson Electronics Inc.
Kay Electric Co.
Manson Laboratories, Inc.
Munston Mfg. & Service, Inc.
Ralph M. Parsons Co., The, Electronics Div.
Polarad Electronics Corp.
Resdel Engrg. Corp.
Seeburg Corp., The
Technical Oil Tool Corp.
Tel-Instrument Electronics Corp.
Telonic Industries, Inc.
Terminal Radio Corp.

Strain-gage fm. Voltage-Controlled

# Strain-gage fm, Voltage-Controlled \*DATA-CONTROL SYSTEMS INC.

# Sweep

Alfred Electronics
Dynac, Inc.
Geisler Labs.
Haller Raymond & Brown Inc.
Hickok Electrical Instrument Co., The
Johnson Electronics Inc.
Kay Electric Co.
Gerard G. Leeds Co., Inc.
Polarad Electronics Corp.
Tel-Instrument Electronics Corp.
Telonic Industries, Inc.
Terminal Radio Corp.

# Tuning Fork

Amelco, Inc.
Bell & Gossett Co.
James G. Biddle Co.
Haller Raymond & Brown Inc.
Hamilton Watch Co., Military Products Div.
Southwestern Industrial Electronics Co.
Terminal Radio Corp.
Vare Mfg. Co.
Walkirt Co.

# Ultra-Low Frequency

Haller Raymond & Brown Inc.
Johnson Electronics Inc.
Kay Electric Co.
Southwestern Industrial Electronics Co.
Spectrum Instruments, Inc.
Terminal Radio Corp.
Vargo Mfg. Co.
Waveforms, Inc.

# Ultrasonic

Acoustica Associates, Inc.
Arenberg Ultrasonic Laboratory, Inc.
Dynac, Inc.
Haller Raymond & Brown Inc.
M F Electronics Co.
Southwestern Industrial Electronics Co.
Spectrum Instruments, Inc.
Terminal Radio Corp.
Waveforrm, Inc.

# Video Pattern

Haller Raymond & Brown Inc.
Hickok Electrical Instrument Co., The
Johnson Electronics Inc.
Kay Electric Co.
Skiatron Electronics & Television Corp.
Terminal Radio Corp.

# Video Range

Haller Raymond & Brown Inc.
Hickok Electrical Instrument Co., The
Johnson Electronics Inc.
Kay Electric Co.
Skiatron Electronics & Television Corp.
Technical Engrg. Co.
Terminal Radio Corp.

## **OSCILLOGRAPHS**

Allegany Instrument Co., The Brush Instruments, Div.-Clevite Corp. Consolidated Avionics Corp. Consolidated Electrodynamics Corp.

# . . . tracking & telemetering

Epic, Inc.
Hamilton Watch Co., Military Products Div.
Heiland Div.—Minneapolis-Honeywell
Munston Mfg. & Service, Inc.
Railway Comunications Inc.
Reeves Instrument Corp.
Skiatron Electronics & Television Corp.
Southwestern Industrial Electronics Co.
Terminal Radio Corp.

# Cathode Ray

Allegany Instrument Co., The
Consolidated Electrodynamics Corp.
Dunlap Electronics, Inc.
Edgerton, Germeshausen & Grier, Inc.
General Electric Co., Apparatus Sales
Hickok Electrical Instrument Co., The
Industrial Television Inc.
Munston Mfg. & Service, Inc.
Railway Communications Inc.
Skiafron Electronics & Television Corp.
Southwestern Industrial Electronics Co.
Terminal Radio Corp.

# Cathode Ray Camera

Allegany Instrument Co., Inc. Consolidated Electrodynamics Corp. Edgerton, Germeshausen & Grier, Inc. Skiatron Electronics & Television Corp. Telechrome Mfg. Corp. Terminal Radio Corp.

# Cathode Ray Recording, Multichannel

Allegany Instrument Co., Inc. Consolidated Electrodynamics Corp. General Electric Co., Apparatus Sales Div. Skiatron Electronics & Television Corp. Southwestern Industrial Electronics Co. Terminal Radio Corp.

# Direct Writing

Brush Instruments, Div.-Clevite Corp. Brush Instruments, Divoctivite Corp.
Centronix Inc.
Century Electronics & Instruments, Inc.
Consolidated Avionics Corp.
Consolidated Electrodynamics Corp.
Edin Co., Inc.
Electro-Medical Lab., Inc. Electro-Medical Lab., Inc.
Epic, Inc.
Hamilton Watch Co., Military Products Div.
Heiland Div.-Minneapolis-Honeywell
Hogan Laboratories, Inc.
Minneapolis-Honeywell Regulator Co., Indust. Minneapolis-Honeywell Regulator Div.
Div.
Offiner Electronics, Inc.
Photron Instrument Co.
Sanborn Co.
Skiatron Electronics & Television Corp.
Southwestern Industrial Electronics Co.
Terminal Radio Corp.

# Multi-Channel

Allegany Instrument Co., Inc. Brush Instruments, Div.-Clevite Corp. Brush Instruments, Div.-Clevite Corp.
Centronix, Inc.,
Century Electronics & Instruments, Inc.,
Consolidated Avionics Corp.,
Consolidated Electrodynamics Corp.,
Edin Co., Inc.,
Epic, Inc.,
Hamilton Watch Co., Military Products Div.,
Heiland Div.-Minneapolis-Honeywell
Hogan Laboratories, Inc.,
Minneapolis-Honeywell Regulator Co., Indust.
Div. Minneapolis-Honeyweii Regulated Div. Offiner Electronics, Inc. Photron Instrument Co. Railway Communications, Inc. Sanborn Co. Statron Electronics & Television Corp. Southwestern Industrial Electronics Co. Terminal Radio Corp.

# Multi-Element

Century Electronics & Instruments, Inc.
Consolidated Avionics Corp.
Consolidated Electrodynamics Corp.
Hamilton Watch Co., Military Products Div.
Heiland Div.-Minneapolis-Honeywell
Hickok Electrical Instrument Co., The
Hogan Laboratories, Inc.
Minneapolis-Honeywell Regulator Co., Indust.
Div. Div. Photron Instrument Co. Skiatron Electronics & Television Corp. Southwestern Industrial Electronics Co. Terminal Radio Corp.

# Portable

Brush Instruments, Div.-Clevite Corp.
Centronix Inc.
Century Electronics & Instruments, Inc.
Consolidated Avionics Corp.
Consolidated Electrodynamics Corp.
Edin Co., Inc.
Farnsworth Electronics Co., Div.-Int'l Telephone
& Telegraph Corp.
Heiland Div.—Minneapolis Honeywell
General Electric Co., Apparalus Sales
Mickok Electrical Instrument Co., The
Minneapolis-Honeywell Regulator Co., Indust.
Div. Minneapolis-Honeywell Regulator Co., Div.
Offiner Electronics Inc.
Photron Instrument Co.
Skiatron Electronics & Television Corp.
Southwestern Industrial Electronics Co.
Telectro Industrial Corp.
Terminal Radio Corp.

# Projection

Skiatron Electronics & Television Corp. Telectro Industries Corp. Terminal Radio Corp.

Edgerton, Germeshausen & Grier, Inc. Farnsworth Electronics Co., Div.-Int'l Telephone & Telegraph Corp. Reeves Instrument Corp. Ryan Aeronautical Co. Skiatron Electronics & Television Corp. Telectro Industries Corp. Terminal Radio Corp.

# Recording

Acton Laboratories Inc. Allegany Instrument Co., Inc. Brush Instruments, Div.-Clevite Corp. Brush Instruments, Div.-Clevite Corp.
Centronix Inc.
Century Electronics & Instruments, Inc.
Consolidated Avionics Corp.
Consolidated Electrodynamics Corp.
Edgerton, Germeshausen & Grier, Inc.
Edin Co., Inc.
Epic, Inc.
General Electric Co., Apparatus Sales Div.
Hamilton Watch Co., Military Products Div.
Heiland Div.—Minneapolis-Honeywell
Hogan Laboratories, Inc.
Minneapolis-Honeywell Regulator Co., Indust.
Div. Minneapolis-Honeywell Regulator Sc., Div.
Offiner Electronics Inc.
Photron Instrument Co.,
Reeves Instrument Corp.
Skiatron Electronics & Television Corp.
Skiatron Electronics & Television Corp.
Southwestern Industrial Electronics Co.
Telectro Industries Corp.
Terminal Radio Corp.

# Transient Study

Iransient Study
Allegany Instrument, Div.-Clevite Corp.
Century Electronics & Instruments, Inc.
Consolidated Avionics Corp.
Consolidated Electrodynamics Corp.
Data Instruments, Div.-Telecomputing Corp.
Edgerton, Germeshausen & Grier, Inc.
Edin Co., Inc.
General Electric Co., Apparatus Sales Div.
Heiland Div.—Minneapolis-Honeywell
Minneapolis-Honeywell Regulator Co., Indust.
Div.
Div. Skiatron Electronics & Television Corp.
Telectro Industries Corp.
Terminal Radio Corp.

# **OSCILLOMETERS**

Terminal Radio Corp.

# **OSCILLOSCOPES**

Adler Electronics, Inc.
Aeroquip Corp.
Allegany Instrument Co., Inc.
American Electronic Labs., Inc.
\*COOPER DEVELOPMENT CORP.
Dunlap Electronics, Inc.
Edgerton, Germeshausen & Grier, Inc.
Edin Co., Inc.
Electronic Measurements Corp.
Electronic Measurement Co.,
Feller Engrg. & Mig. Co.
Hickok Electrical Instrument Co., The
Industrial Television Inc.
Laboratory for Electronics, Inc.
Land-Air, Inc., Sub.—California Eastern Aviation,
Inc. Land-Air, Inc., Sub.—California Lasierin.
Inc.
Lavoie Labs., Inc.
Gerard G. Leeds Co., Inc.
Munston Mfg. & Service, Inc.
Railway Communications Inc.
Simpson Electric Co.
Skiatron Electronics & Television Corp.
Sun Electric Corp.
Telechrome Mfg. Corp.
Terminal Radio Corp.

# Cathode Ray

Cathode Ray

American Electronics Labs., Inc.

\*COOPER DEVELOPMENT CORP.

Edgerton, Germeshausen & Grier, Inc.

Electro-Tech Equipment Co.

Hickok Electrical Instrument Co., The
Industrial Television Inc.

Laboratory for Electronics Inc.

Land-Air, Inc., Sub-California Eastern Aviation, Inc.

Gerard G. Leeds Co., Inc.

Railway Communications Inc.

Simpson Electric Co.

Skiatron Electronics & Television Corp.

Sun Electric Corp.

Terminal Radio Corp.

# Cathode Ray-Multiple Channel

American Electronic Labs, Inc.
Laboratory for Electronics, Inc.
Gerard G. Leeds Co., Inc.
Railway Communicitions Inc.
Simpson Electric Co.
Skiatron Electric S. Television Corp.
Southwestern Industrial Electronics Co.
Terminal Radio Corp.

#### Portable

American Electronic Labs., Inc.
\*COOPER DEVELOPMENT CORP.
Hickok Electrical Instrument Co., The
Laboratory for Electronics, Inc.
Skiatron Electronics & Television Corp.
Southwestern Industrial Electronics Co.
Sun Electric Corp.
Terminal Radio Corp.

# Portable Projection

Skiatron Electronics & Television Corp.

# OUTLETS, ANTENNA

Continental Diamond Fibre Corp., Sub.—The Budd Co.
Fidelity Chemical Products Corp.
Prodelin Inc.
Technical Appliance Corp.
Telectro Industries Corp.

# PAINTS

Amercoat Corp.
Arco Co., The
Dennis Chemical Co.
\*IDEAL CHEMICAL PRODUCTS, INC. Krylon, Inc. Midland Paint & Varnish Co., The Shannon Luminous Materials Co. L. Sonneborn & Sons, Inc., Building Products L. Sonneborn & Sons, Div. Waldon Electronics Inc.

# PANEL BOARDS, ELECTRIC

PANEL BOARDS, ELECTRIC

Accurate Electronics Corp., Dept. D
Arcolite Electronics Corp.,
Austin Co., The, Special Devices Div.
Continental Diamond Fibre Corp., Sub.—The
Budd Co.
Cutler-Hammer Inc.
Devco Engrg. Inc.
Franklin Fibre-Lamitex Corp.
General Electric Co., Apparatus Sales Div.
General Railway Signal Co.,
Greenbrier Instruments Inc.
Gunnar Laboratorics Inc.
A. F. Holden Co., The
Kolton Electric Mfg. Co.
La Pointe Industries Inc.
Lumen, Inc.
Schaffer Air Industries, Inc.
Sohl Co., The
Sohl Co., The
Sohl Co., The
Sohl Co., The
Succession Instrument Corp.
\*WASHINGTON ALUMINUM CO., INC.
\*WESTINGHOUSE ELECTRIC CORP.

# **PANELS**

Accurate Electronics Corp., Dept. D
Ackerman Engravers, Inc.
Acromark Co., The
Aerolite Electronics Corp.,
Allied Engraving & Stamping Co.
Atlantic Engravers, Inc.
Calcor Corp., Aircraft Div.
Continental Diamond Fibre Corp., Sub.—The Cantinental Diamond Fibre Corp., Sub.—The Budd Co.
Dale Products, Inc.
Devoo Engrg. Inc.
Etched Products Corp.
Franklin Fibre-Lamitex Corp.
General Railway Signal Co.
Greenbrier Instruments Inc.
Gunnar Laboratories
Industrial Engravers Inc.
Keystone Electronics Corp.
Lumen, Inc.
Penn Fibre & Specialty Co., Inc.
Premier Metal Products Co.
Sightmaster Corp.-Mutual Electronic Industries
Inc. Sohl Co., the
Spartan Marking Corp.
Star Engraving Co., Ltd.
Swedlow Plastics Co., United Mfg. Co., The
United States Radium Corp.
Waldom Electronics Inc.
\*WASHINGTON ALUMINUM CO., INC.
\*WESTINGHOUSE ELECTRIC CORP.

# PAPERS, FACSIMILE RECORDING

Alfax Paper & Engrg. Co. Hogan Laboratories, Inc. Soroban Engrg., The

# PAPER, INSULATION

Arek, Insocation

Auburn Mfg. Co., The
Continental Diamond Fibre Corp., Sub.—The
Budd Co.
Duroyd Gasket Mfg. Co.,
Penn Fibre & Specialty Co., Inc.
Rogers Corp.,
Peter J. Schweitzer, Inc.
Spaulding Fibre Co., Inc.

# PAPER, RECORDING

Baird-Atomic, Inc.
Baird-Atomic, Inc.
Div.-Clevite Corp.
Hogan Laboratories, Inc.
Offiner Electronics Inc.
Paper Mfgrs. Co.
Sanborn Co.
Peter J. Schweitzer, Inc.
Soroban Engrg., Inc.

# PATCH CORDS

AICIT CONDO

AMP Inc.
Aerolite Electronics Corp.
Alden Products Co.
American Super-Temperature Wires, Inc.
Birnbach Radio Co., Inc.
Dunlap Electronics, Inc.
Electronic Techniques, Inc.
International Electric Industries, Inc.
Pomona Electronics Co., Inc.
Telectro Industries Corp.
Vector Electronic Co.
Western International Co.

# PATCH PANELS

\*AMERICAN MACHINE & FOUNDRY CO.

AMERICAN MACHINE & FOUNDATION
AMP Inc.
Accurate Electronics Corp., Dept. D
Aerolite Electronics Corp.
Amelco, Inc.
Electronic Techniques, Inc.
Greenbrier Instruments Inc.
Gunnar Laboratories
Telectro Industries Corp.
Tucson Instrument Corp.
Vector Electronic Co.

# PERMEATERS, R-F

Keil Engrg. Products

#### PHOTO ETCHED COMPONENTS

Bendix Aviation Corp., York Div.
Dale Products, Inc.
Davidson Mig. Co.
Dunlap, Electronics, Inc.
La Pointe Industries Inc.
Pacific Universal Products Corp.
Precision Circuits, Inc.
Sohl Co., The
Zenith Optical Laboratory

# PHOTOCELLS & PHOTOTUBES

Eastman Kodak Co. Edgerton, Germeshausen & Grier, Inc. Eastman Rodak Co.
Edgerton, Germeshausen & Grier, Inc.
Electron-Radar Products
Electronics Corp. of America
Farnsworth Electronics Co., Div.-Int'l Telephone
& Telegraph Co.
General Electric Co., Apparatus Sales Div.
Infrared Industries Inc.
Instrument Development Laboratories, Inc.
Terminal Radio Corp.

# PHOTOELECTRIC CELLS

Eastman Kodak Co. Edgerton, Germeshausen & Grier, Inc. Electron-Radar Products Electronics Corp. of America Electric Co., Apparatus Sales Div. General Electric Co., Apparatus Sales Div. Infrared Industries, Inc. Philoo Corp., Government & Industrial Divs.

# PHOTOFLASH EQUIPMENT, ELECTRONIC

Amglo Corp.
Davenport Mfg. Co.
Eastman Kodak Co.
Edgerton, Germeshausen & Grier, Inc.
Electronics Corp. of America

Graflex, Inc.
Heiland Div.-Minneapolis-Honeywell
Hershey Mfg. Co.
Kemlite Laboratories, Inc.
Land-Air, Inc., Sub.-California Eastern Aviation, Inc.
Standard Transformer Co.

## **PHOTOMETERS**

Electronics Corp. of America Optomechanisms, Inc. Perkin-Elmer Corp. Terminal Radio Corp.

# PICKUP ARMS

Advance Industries, Inc. Terminal Radio Corp.

## **PICKUPS**

Advance Industries, Inc.
Advance Industries, Inc.
Atlantic Research Corp.
Clessapeake Instrument Corp.
Cleveland Instrument Corp.
Columbia Research Labs.
Consolidated Electrodynamics Corp.
Crescent Engrg. & Research Co.
Dynamic Instrument Co., Inc.
Electro Products Labs., Inc.
MB Mfg. Co.
Sheffield Corp., The, Sub-Bendix Aviation Corp.
Southwestern Industrial Electronics Co.

# PLASTIC, ELECTRICALLY CONDUCTIVE

Aristocrat Plastics, Inc.
Dixon Corp.
Electric Auto-Lite Co., The
Franklin Fibre-Lamitex Corp.
Furane Plastics, Inc.
General Plastics Corp. of New Jersey
Hastings Plastics Inc.
Synthane Corp.
Westlake Plastics, CrystalX Corp.

# PLUG-IN-CIRCUIT UNITS

PLUG-IN-CIRCUIT UNITS

Advance Industries, Inc.
Alden Products Co.
Allantic Research Corp.
Autonetics, Div.-North American Aviation, Inc.
BJ Electronics, Borg-Warner Corp.
Bendix Aviation Corp., York Div.
Computer Control Co., Inc.
Consolidated Avionics Corp.
Dunlap Electronics, Inc.
Dwyer Engrg. Co., Inc.
Electronic Engrg. Co. of California
Electronic Techniques, Inc.
Electronic Techniques, Inc.
Electronics Corp. of America
General Railway Signal Co.
La Pointe Industries Inc.
Lytle Engrg. & Mig. Co.
Wethode Mig. Corp.
Ralph M. Parsons Co., The, Electronics Div.
Precision Circuits, Inc.
Stromberg-Carlson, Electronics Div.
Superex Electronics Corp.
Sylvania Electronic Sysetms, Div.-Sylvania Electronic Co.
Vector Electronic Co.
Walkirt Co.

# PLUGS

PLUGS

Accurate Electronics Corp., Dept. D
Aerolite Electronics Corp.
Alden Products Co.
Alden Products Co.
Alden Products Co.
Inc.
Automatic & Precision Mfg. Co.
Birnbach Radio Co., Inc.
Electronic Techniques, Inc.
Walter K. Jaros, Aircrafters
E. F. Johnson Co.
Howard B. Jones Div.-Cinch Mfg. Corp.
Kulka Electric Corp.
Litton Industries, Components Div.
P. R. Mallory & Co. Inc.
Methode Mfg. Corp.
Richards Electrocraft, Inc.
Rubbercraft Corp. of California
Switchcraft, Inc.
Telectro Industries Corp.
Ucinite Co., The, Div.-United Carr Fastener
Corp.
Vector Electronic Co.

# POINTERS, DIAL

Canadium Radium & Uranium Corp.
Exact Engrg. & Mfg. Inc.
Jodee Plastics Co.
Lifton Industries, Components Div.
Sohl Co., The
Techniques Inc.
Waldom Electronics Inc.
J. H. Winn Inc.

# POSITION INDICATORS Airborne Instruments Lab., Inc.

Airborne Instruments Lab., Inc.
Antlab Inc.
Burroughs Corp., Electronic Tube Div.
G. L. Collins Corp.,
Consolidated Airborne Systems, Inc.
\*COOPER DEVELOPMENT CORP.
Crescent Engrg. & Research Co.
Cubic Corp.,
Electric Auto-Lite Co., The
Electro Products Labs., Inc.
Exact Engrg. & Mfg. Inc.
General Electric Co., Apparatus Sales Div.
Librascope Inc. General Electric Co., Apparatus Sali Librascope Inc. Litton Industries, Components Div. Master Specialties Co. Master Tape Printers Milman Engrg. Co. Reeves Instrument Corp. Scientific-Atlanta, Inc. Technical Oil Tool Corp. United Control Corp. Varo Mfg. Co. Wacline, Inc. Westinghouse Electric Corp.

# FOSTS, BINDING

Accurate Electronics Corp., Dept. D
Aerolite Electronics Corp., Dept. D
Aerolite Electronics Corp.,
Affiliated Screw Products Co.
Birnbach Radio Co., Inc.
Coaxial Connector Co. Inc.
Electro-Tech Equipment Co.
General Railway Signal Co.
E. F. Johnson Co.
Litton Industries, Components Div.
Malco Tool & Mfg. Co.
Superior Electric Co., The
Waldom Electronics Inc.

# POTENTIOMETER TRIMMERS

Ace Electronics Associates, Inc.
Acro Electronics Corp.
Borg Equipment Div.-The George W. Borg Corp.
Chicago Telephone Supply Corp.
Clarostat Mfg. Co., Inc.
Dale Products, Inc.
Joe Davidson & Associates
Dejur-Amsco Corp.
Elektro-Serv Co.
Fairchild Controls Corp., Components Div.
General Controls Co.
Helipot Corp.
Gerard G. Leeds Co., Inc.
Servomechanisms, Inc.
Tucson Instrument Corp.

# **POTENTIOMETERS**

POTENTIOMETERS

Ace Electronics Associates, Inc.
Allegany Instrument Co., Inc.
American Electronics, Inc.
\*ANTON ELECTRONIC LABS., INC.
Borg Equipment Div. The George W. Borg Corp.
Brush Instruments Div.-Clevite Corp.
Clarostal High, Co., Inc.
Computer Instruments Corp.
Dale Products, Inc.
Joe Davidson & Associates
Dejur-Amsco Corp.
Dwyer Engrg. Co., Inc.
Electro-Mea Lab. Inc.
Electro-Mea Lab. Inc.
Electro-Mea Lab. Inc.
Electro-Mes Cab. Inc.
Ganeral Controls Corp., Components Div.
Gates Electronic Co.
General Controls Co., Apparatus Sales Div.
Helipot Corp.
Humphrey, Inc.
Gerard G. Leeds Co., Inc.
Leeds & Northrup Co.
P. R. Mallory & Co., Inc.
Markite Corp.
Multi-Amp Corp.
Narda Microwave Corp., The
Non-Linear Systems Inc.
Osborne Electronic Sales Corp.
Perkin-Elmer Corp.
Servomechanisms, Inc.
Spectrol Electronics Div., Carrier Corp.
Tucson Instrument Corp.

# POWER SUPPLIES

Acme Electric Corp.
Airborne Accessories Corp.
Airborne Accessories Corp.
Airborne Instruments Lab., Inc.
Airtron, Inc.
American Electronics, Inc.
American Research & Mfg. Corp.
Autonetics, Div.-North American Aviation, Inc.
Avion Div., ACF Industries, Inc.
\*BEHLMAN ENGRG. CO.
Bendix Aviation Corp., Red Bank Div.
Bendix Aviation Corp., York Div.
Bogue Electric Mfg. Co.
Bracke-Seib X-Ray Co., Inc.

# . . tracking & telemetering

Engineered Magnetics, Div.-Gulton Industries, Inc.
Computer Engrg. Associates, Inc.
Consolidated Electrodynamics Corp.
Frank R. Cook Co.
Joe Davidson & Associates
Del Electronics Corp.
Eicoro Div.-F. L. Jacobs Co.
Electronic Assembly Co., Inc.
Electronic Assembly Co., Inc.
Electronic Measurements Co., Inc.
Electro-Tech Equipment Co.
Fainfield Engineering Corp.
Fansteel Metallurgical Corp.
Feneral Electric Inc.
General Nuclear Corp.
General Railway Signal Co.
Green Rectifier Co.
Guided Missile Div.-De Havilland Aircraft of Canada, Itd.
Hammett Electric Co.
Hoover Electronic Co.
\*\*INTERELECTRONICS CORP.\*\*
\*KAHN & CO., INC.
Kurz & Roof Co.
Gerard G. Leeds Co., Inc.
Leeds & Northrup Co.
Master Specialties Co.
J. A. Maurer, Inc.
Mercury Electronic Co.
Minneapolis-Honeywell Regulator Co., Ordnance
Div.
Missile Engrg. Products, Inc. Engineered Magnetics, Div.-Gulton Industries,

Minneapolis-moneywell Rogard Div. Missile Engrg. Products, Inc. Model Rectifier Corp. \*MOTOR GENERATOR CORP.

\*TELERAD MFG. CORP.
Telkor, Inc.
Trans Electronics, Inc.
Transistor Devices Inc.
Ultradyne, Inc.
Varo Mfg. Co.
\*WESTINGHOUSE ELECTRIC CORP.
Wickes Engrg. & Construction Co. Inc.
Wincharger Corp.
Winder Aircraft Corp. of Fla.

# PRE-SELECTORS

Bendix Aviation Corp., York Div. J-V-M Microwave Co. Keil Engrg. Products

# PRINTED CIRCUITS

Advance Industries, Inc.
Airtron, Inc.
Autonetics, Div.North American Aviation, Inc.
BJ Electronics, Borg-Warner Corp.
Bendix Aviation Corp., York Div.
Bomyte Co., The
Chart-Pak, Inc.
Circon Component Corp.
Cleveland Metal Specialties Co.
Consolidated Electrodynamics Corp.
Dale Products, Inc.
Diamond Antenna Microwave Corp.
Dunlap Electronics Corp.
Electronic Techniques, Inc.
Coodyear Aircraft Corp.
Hansen Electronics Co.
La Pointe Industries Inc.
Litton Industries, Comonents Div.
Lytle Engrg. & Mig. Co.
Methode Mig. Corp.
Mimanco
Motorola Inc., Military Marketing Div.
Mycalex Corp. of America
Narda Microwave Corp., The
Onondaga Pottery Co., Electronics Div.
Precision Circuits, Inc.
Printed Electronics Corp.
Rogers Corp.
Sanders Associates, Inc.
Sohl Co., The
Star Engraving Co., Ltd.

Sylvania Electric Products Inc., Parts Div. Techniques, Inc., Technograph Printed Electronics, Inc. Ucinite Co., The, Div.—United-Carr Fastener

Allegany Instrument Co., Inc.
Diamond Antenna & Microwave Corp.
Sage Laboratories, Inc.
Scala Radio Co.
Wacline, Inc.

Baird-Atomic, Inc.
Boonton Electronics Corp.
August E. Miller Laboratories
Sage Laboratories, Inc.
Scala Radio Co.
Uniwave, Inc.

# High Frequency

Boonton Electronics Corp. Electro Impulse Lab., Inc. Kay Electric Co. August E Miller Laboratories Narda Microwave Corp., The Photobell Co., Inc. Scala Radio Co.

Scala Radio Co.

# Measurement

Allegany Instrument Co., Inc.
Aro Eqipment Corp., The
Boonton Electronics Corp.
Brush Instruments, Div.-Clevite Corp.
Crescent Engrg. & Research Co.
Diamond Antenna & Microwave Corp.
Electro Products Labs., Inc.
Radar Design Corp.
Victory Engineering Corp.

## Microwave

Ainslie Corp. Aircom Inc. Airton, Inc.
Airton, Inc.
Defiance Engrg. & Microwave Corp.
Demornay-Bonardi
Diamond Antenna & Microwave Corp.
Electro Impulse Lab., Inc.
Geisler Labs.
J.V-M Microwave Co.
Microlab
Microwave Electronics Div., Sperry Gyroscope Microwave Electronics
Co.
Narda Microwave Corp., The
Omega Labs., Inc.
Radar Design oCrp.
Sage Laboratories, Inc.
Technical Appliance Corp.
Telechrome Mfg. Corp.
\*\*\*TELERAD MFG. CORP.
\*\*\*\*Italwave...Inc. Uniwave, Inc.
Wacline, Inc.
Waveline, Inc.
Wave Particle Corp.

# RADAR BEACONS

Advance Industries, Inc.
Aircraft Armaments, Inc.
Aircraft Armaments, Inc.
Aircraft Armaments, Inc.
Amelco, Inc.
Amelco, Inc.
Amelco, Inc.
Amelco, Inc.
Amelco, Inc.
American Electronic Labs., Inc.
\*\*AMERICAN MACHINE & FOUNDRY CO.
Bendix Aviation Corp., York Div.
\*\*COOPER DEVELOPMENT CORP.
\*\*DALMO VICTOR CO. DIV.-TEXTRON INC.
Diamond Antenna & Microwave Corp.
Electronic Communications, Inc.
Geisler Labs.
General Communication Co.
Haller Raymond & Brown Inc.
Hazeltine Electronics Div.-Hazeltine Corp.
J-V-M Microwave Co.
Lavoie Labs., Inc.
Motorola Inc., Military Marketing Div.
Pacific Div.-Bendix Aviation Corp.
Ralph M. Parsons Co., The, Electronics Div.
Polarad Electronics Corp.
Resdel Engrg, Corp.
Ryan Aeronautical Co.
Stromberg-Carlson, Electronics Div.
Sylvania Electronic Systems, Div.-Sylvania Electric
Products Inc.
Lechnical Oil Tool Corp.
Telectro Industries Corp.
\*\*TELERAD MFG. CORP.
\*\*WASHINGTON ALUMINUM CO., INC.
Wave Particle Corp.

## **RADIATORS**

Acme Electric Heating Co. Airborne Instruments Lab., Inc. Haller Raymond & Brown Inc. Telectro Industries Corp.

Trane Co., The
\*UNITED AIRCRAFT PRODUCTS, INC.
Wind Turbine Co.

# READOUT DEVICES, COMPUTER

READOUT DEVICES, COMPUTER

Advance Industries, Inc.

AMMERICAN MACHINE & FOUNDRY CO.

Baird-Atomic, Inc.

Bendix Aviation Corp., York Div.

Burroughs Corp., Electronic Tube Div.

Computer-Measurements Corp.

Data Instruments, Div.-Telecomputing Corp.

Dynac, Inc.

Exact Enarg. & Mfg. Inc.

Sherman Fairchild & Assoc. Inc.

General Railway Signal Co.

Haller Raymond & Brown Inc.

Librascope Inc.

Milman Engrg. Co.

Moran Instrument Corp.

Nemeth, Inc.

Optomechanisms Inc.

Cessarch Appliance Co.

Sanborn Co.

Skiatron Electronics & Television Corp.

Soroban Engrg., Inc.

Telectro Industries Corp.

# **RECEIVERS**

Advance Industries, Inc.
Alto Scientific Co., Inc.
Amelco, Inc.
Amelco, Inc.
American Electronic Labs., Inc.
\*AVCO MFG. CORP., CROSLEY DIV.
Browning Laboratories, Inc.
Cubic Corp.
Dwyer Engrg. Co., Inc.
Electronic Communications, Inc.
General Communication Co.
General Electronic Labs., Inc.
General Railway Signal Co.
Haller Raymond & Brown Inc.
Hazelfine Electronics Div.-Hazeltine Corp.
Land-Air, Inc., Sub.-California Eastern Aviation, Inc. Land-Air, Inc., Sub.-California Eastern Aviation, Inc.
Lear, Inc., Military Marketing Div.
Motorola Inc., Military Marketing Div.
Munston Mfg. & Service, Inc.
Republic Aviation Corp., Guided Missiles Div.
Seeley Electronics
Specific Products
Sylvania Electronic Systems, Div.-Sylvania Electric Products
Inc.
Transvision, Inc.
Telectro Industries Corp.
Terminal Radio Corp.
Winder Aircraft Corp. of Fla.

# am, fm Communication

Adler Electronics, Inc. Aeronautical Electronics, Inc. Adler Electronics, Inc.
Aeronautical Electronics, Inc.
Amelco, Inc.
Amelco, Inc.
Amelco, Inc.
Amelco, Inc.
American Electronic Labs., Inc.
\*AVCO MFG. CORP., CROSLEY DIV.
Bendix Radio Div.-Sendix Aviation Corp.
Collins Radio Co.
Communications Co.
Electronics Corp. of America
Haller Raymond & Brown Inc.
Nems Clarke Co., Div.-Vitro Corp. of America
La Pointe Industries Inc.
Magnavox Co., The
Manson Laboratories, Inc.
Marconi Instruments
Motorola Inc., Military Marketing Div.
Munston Mfg. & Service, Inc.
Philico Corp., Government & Industrial Divs.
Radio Corporation of America, Defense Electronic Products
Seeburg Corp., The
Stromberg-Carlson, Electronics Div.
Telechrome Mfg. Corp.
Telectro Industries Corp.
Telectro Industries Corp.
Terminal Radio Corp.
Winder Aircraft Corp. of Fla.
Wunderlich Radio Co.

# a-m Fixed Frequency

Adler Electronics, Inc. Aeronautical Electronics, Inc. Aderonautical Electronics, Inc.
American Electronic Labs., Inc.
American Electronic Labs., Inc.
Bendix Radio Div-Bendix Aviation Corp.
Browning Laboratories, Inc.
Collins Radio Co.
Communications Co.
Haller Raymond & Brown Inc.
Nems Clarke Co., Div-Vitro Corp. of America Magnavox Co., The
Marconi Instruments
Motorola Inc., Military Marketing Div.
Munston Mig. & Service, Inc.
Stromberg-Carlson, Electronics Div.
Telectro Industries Corp.
Terminal Radio Corp.
Varo Mig. Co.,
Wunderlich Radio Co.

# Automatic Radio Alarm

Haller Raymond & Brown Inc.

Seeley Electronics Telectro Industries Corp.
Terminal Radio Corp.

## Binaural

Browning Laboratories, Inc. Haller Raymond & Brown Inc. Herman Hosmer Scott, Inc. Telectro Industries Corp. Terminal Radio Corp. Transvision, Inc.

# Communication

Aeronautical Electronics, Inc. Amelco, Inc. Collins Radio Co. Communications Co. Haller Raymond & Brown Inc. La Pointe Industries Inc. General Railway Signal Co. Gray Instrument Co. Leeds & Northrup Co. P. R. Mallory & Co. Inc. Non-Linear Systems Inc. Ohio Carbon Co., The Pacific Resistor Co. Precision, Inc. Precision, Resistor Co. Inc. Sage Electronics Corp. Iel-Labs., Inc. Aeronautical Electronics, Inc. Precision Resistor Co. Inc.
Sage Electronics Corp.
Tel-Labs., Inc.
Tepmo Electric Co.
Terminal Radio Corp.
Transformers, Inc.
Tucson Instrument Corp.
\*WESTINGHOUSE ELECTRIC CORP.

Direction Finding, Navigation

Direction Finding, Navigation

\*AMERICAN MACHINE & FOUNDRY CO.
Bendix Radio Div.-Sendix Aviation Corp.
Collins Radio Co.
Communications Co.
Cubic Corp.
Electronic Communications, Inc.
Electronics Corp. of America
Haller Raymond & Brown Inc.
Lane Electronics Mfg. Corp.
Magnavox Co., The
Munston Mfg. & Service, Inc.
Philco Corp., Government & Industrial Divs.
Radio Corporation of America, Defense Electronic Products
Simmonds Aerocessories, Inc.
Skiatron Electronics & Television Corp.
Stewart-Warner Corp.
Stromberg-Carlson, Electronics Div.
Sylvania Electronic Systems, Div.-Sylvania Electrolic Systems, Div.-Sylvania Electronic Tric Products Inc.
Telectro Industries Corp.
Terminal Radio Corp.
Winder Aircraft Corp. of Fla.
Wunderlich Radio Co.

Distance Measuring, Navigation

Distance Measuring, Navigation

\*AMERICAN MACHINE & FOUNDRY CO.
Bendix Radio Div. Sendix Aviation Corp.
Collins Radio Co.
Collins Radio Co.
Communications Co.
Cubic Corp.
Electronic Communications, Inc.
Electronics Corp. of America
Haller Raymond & Brown Inc.
Motorola Inc., Military Marketing Div.
Philco Corp., Government & Industrial Divs.
Radio Corporation of America, Defense Electronics Products
Ryan Aeronautical Co.
Skiatron Electronics & Television Corp.
Stromberg-Carlson, Electronics Div.
Sylvania Electronic Systems, Div.-Sylvania Electronic Telectro Industries
Lectronic Systems, Div.-Sylvania Electronics Inc.
Lectro Industries Corp.
Terminal Radio Corp.
Telectronics Corp.
Terminal Radio Corp.
Telectronics Cor

# Diversity

Communications Co. Haller Raymond & Brown Inc. Philico Corp., Government & Industrial Divs. Telectro Industries Corp. Terminal Radio Corp. Wunderlich Radio Co.

# Diversity Reception

Haller Raymond & Brown Inc. Philco Corp., Government & Industrial Divs. Telectro Industries Corp. Terminal Radio Corp. Vunderlich Radio Co.

# Facsimile

Alden Electronic & Impulse Recording Equip. Alden Electronic & Impuise Recording Co.
Browning Laboratories, Inc.
Electronic Communications, Inc.
Haller Raymond & Brown Inc.
Hogan Laboratories, Inc.
Seeburg Corp., The
Skiatron Electronics & Television Corp.
Stewart-Warner Corp.

Telectro Industries Corp.

# Fixed Frequency

Adler Electronics, Inc.
Aeronautical Electronics, Inc.
Airborne Instruments Lab., Inc.
Amelco, Inc.
Amelco, Inc.
American Electronics Labs., Inc.
Bendix Radio Div.-Bendix Aviation Corp.
Browning Laboratories, Inc.
Collins Radio Co.
Communications Co.
Frank R. Cook Co.
Electronic Communications, Inc.
General Railway Signal Co.
Haller Raymond & Brown Inc.
Land-Air, Inc., Sub.—California Eastern Aviation, Inc. Inc.
Motorola Inc., Military Marketing Div.
Munston Mfg. & Service, Inc.
Resdel Engrg. Corp.
Seeley Electronics
Telectro Industries Corp.
\*TELE-DYNAMICS INC.
Terminal Radio Corp.
Varo Mfg. Co.
Winder Aircraft Corp. of Fla.
Wunderlich Radio Co.

f-m

Adler Electronics, Inc.
Aeronautical Electronics, Inc.
Amelco, Inc.
Bendix Radio Div.-Bendix Aviation Corp.
Blonder-Tongue Labs., Inc.
Browning Laboratories, Inc.
Communications Co.
\*\*PATA-CONTROL SYSTEMS INC.
Electronic Communications, Inc.
Haller Raymond & Brown Inc.
Nems Clarke Co., Div.-Vitro Corp. of America
Land-Air, Inc., Sub.—California Eastern Aviation, Inc. Land-Air, Inc., sub.—Candinal
Inc.
Marconi Instruments
Motorola Inc., Military Marketing Div.
National Electronics Laboratories, Inc.
Philico Corp., Government & Industrial Divs.
Herman Hosmer Scott, Inc.
Seeburg Corp., The
Seeley Electronics
Stromberg-Carlson, Electronics Div.
Telechrome Mig. Corp.
Telectro Industries Corp.
\*\*TELE-DYNAMICS INC.
Terminal Radio Corp.
Transvision, Inc.
Winder Aircraft Corp. of Fla.

f-m Multiplex

Browning Laboratories, Inc.
Collins Radio Co.
Communications Co.
\*DATA-CONTROL SYSTEMS, INC.

Haller Raymond & Brown Inc.
Motorola Inc., Military Marketing Div.
National Electronics Laboratories, Inc.
Herman Hosmer Scott, Inc.
Seeburg Corp., The
Skiatron Electronics & Television Corp.
Telectro Industries Corp.
\*\*TELE-DYNAMICS INC.
Terminal Radio Corp.
Winder Aircraft Corp. of Fla.

# Frequency Shift

Amelco, Inc.
Collins Radio Co.
Communications Co.
Electronic Communications, Inc.
General Railway Signal Co.
Haller Raymond & Brown Inc.
Motorola Inc., Military Marketing Div.
Telectro Industries Corp.
Terminal Radio Corp.

# Glide Scope, Navigation

Adler Electronics, Inc.
Bendix Radio Div.-Bendix Aviation Corp.
Canoga Corp. of California
Collins Radio Co.
Haller Raymond & Brown Inc.
Telectro Industries Corp.
Terminal Radio Corp.

# Infra-Red, Navigation

Intra-Ked, Navigation

Canoga Corp. of California
Electronic Communications, Inc.
Electronics Corp. of America
Haller Raymond & Brown Inc.
Infrared Industries Inc.
Motorola Inc., Military Marketing Div.
Patierson, Moos Div.-Universal Winding Co., Inc.
Philico Corp., Government & Industrial Divs.
Radio Corporation of America, Defense Electronic Products
Skiatron Electronics & Television Corp.
Telectro Industries Corp.
Terminal Radio Corp.
Westinghouse Electric Corp.

# Loran

Clarinic Communications, Inc.
Haller Raymond & Brown Inc.
Philico Corp., Government & Industrial Divs.
Polarad Electronics Corp.
Radio Corporation of America, Defense Electronic Products
Telectro Industrias Corp.
Terminal Radio Corp.

#### Microwave

Adler Electronics, Inc. Aircom Inc. Airtron, Inc.

# Hayward

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# . . . tracking & telemetering

American Electronic Labs., Inc. Bendix Aviation Corp., York Div. Canoga Corp. of California Collins Radio Co. Collins Radio Co.
Demornay-Bonardi
Dwyer Engrg. Co., Inc.
Electronic Communications, Inc.
Empire Products Sales Corp.
Geisler Labs.
General Communication Co.
Goodyear Aircraft Corp.
Haller Raymond & Brown Inc.
J-V-M Microwave Co.
Lavoie Labs., Inc.
Co.
Microwave Electronics Div., Sperry Gyroscope
Co.
Motornia Inc., Military, Marketing Div. Microwave Electronics Div., Sperry Gyroscope Co.

Motorola Inc., Military Marketing Div., Philco Corp., Government & Industrial Divs. Polarad Electronics Corp.
Radio Corporation of America, Defense Electronic Products
Resdel Engrg. Corp., Scientific. Atlanta, Inc., Stromberg-Carlson, Electronics Div., Stavid Engrg., Inc., Stromberg-Carlson, Electronic Div., Sylvania Electronic Systems, Div.-Sylvania Electronic Products Inc., Technical Oil Tool Corp.
Telectro Industries Corp.
\*\*TELERAD MFG. CORP.
Terminal Radio Corp.
Uniwave, Inc.,
Wave Particle Corp.
Wunderlich Radio Co.

# Mobile

Aeronautical Electronics, Inc.
Bendix Radio Div.-Bendix Aviation Corp.
Communications Co.

\*\*CRAIG SYSTEMS, INC.
Haller Raymond & Brown Inc.
Motorola Inc, Military Marketing Div.
National Electronics Laboratories, Inc.
Philico Corp., Government & Industrial
Radio Corporation of America, Defense tronic Products
Seeley Electronics
Telectro Industries Corp.
Terminal Radio Corp.
Winder Aircraft Corp. of Fla.
Wunderlich Radio Co.

# Panoramic

Amelco, Inc.
CGS Labs., Inc.
Haller Raymond & Brown Inc.
Panoramic Radio Products, Inc.
Radio Corporation of America, Defense Electronic Products
Sylvania Electronics Systems, Div.-Sylvania Electronics Systems, Div.-Sylvania Electronic Products Inc.
Telectro Industries Corp.
Terminal Radio Corp.

# Portable & Mobile

Aeronautical Electronics, Inc. Aeronautical Electronics, Inc.
Bendix Radio Div.-Bendix Aviation Corp.
Collins Radio Co.
Communications Co.
\*\*CRAIG SYSTEMS, INC.
Haller Raymond & Brown Inc.
Motorola Inc., Military Marketing Div.
Production Research Corp.
Radio Corporation of America, Defense Electronic Products
Simmonds Aerocessories, Inc.
Telectro Industries Corp.
Terminal Aadio Corp.
Varo Mfg. Co.
Winder Aircraft Corp. of Fla.

# Radar

Advance Industries, Inc.
Bendix Aviation Corp., York Div.
Bendix Radio Div.-Bendix Aviation Corp.
Canoga Corp. of California
Electronic Communications, Inc.
Emerson Electric Mfg. Co., The. Electronics &
Avionics Div.
General Communication Co.
Goodyear Aircraft Corp.
Haller Raymond & Brown Inc.
J-V-M Microwave Co.
Laboratory for Electronics, Inc.
Lavoie Labs., Inc.
Magnavox Co., The
Motorola Inc., Military Marketing Div.
Pacific Div.-Bendix Aviation Corp.
Philico Corp., Government & Industrial Divs.
Polarad Electronics Corp.
Radio Corporation of America, Defense Electronic Products
Resdel Engrg. Corp.
Ryan Aeronautical Co.
Stairton Electronics & Television Corp.
Staivid Engrg., Inc.
Stromberg-Carlson, Electronics Div.

Sylvania Electronic Systems, Div.-Sylvania Electric Products Inc.
Technical Oil Tool Corp.
Telectro Industries Corp.
TelEERAD MFG. CORP.
Terminal Radio Corp.
Westbury Electronics Inc.
\*WESTINGHOUSE ELECTRIC CORP., AIR ARM

## Radiation

Electronics Corp. of America Haller Raymond & Brown Inc. Scientific-Atlanta, Inc. Simmonds Aerocessories, Inc. Skiatron Electronics & Television Corp. Telectro Industries Corp. Terminal Radio Corp.

# Radio Communication

Radio Communication

Adler Electronics, Inc.
Aeronautical Electronics, Inc.
Amelco, Inc.
Bendix Radio Div-Bendix Aviation Corp.
Collins Radio Co.
Communications Co.
\*\*DATA-CONTROL SYSTEMS, INC.
General Railway Signal Co.
Haller Raymond & Brown Inc.
Nems Clarke Co., Div-Vitro Corp. of America
Lear, Inc.
Magnavox Co., The
Marconi Instruments
Motorola Inc., Military Marketing Div,
Munston Mfg. & Service, Inc.
Philico Corp., Government & Industrial Divs.
Production Research Corp.
Seeburg Corp., The
Skiatron Electronics & Television Corp.
Stewart-Wanner Corp.
Stewart-Wanner Corp.
Terminal Radio Corp.
Terminal Radio Corp.
Telectron Industries Corp.

# Radio, Hand Powered Emergency

Frank R. Cook Co. Haller Raymond & Brown Inc. Simmonds Aerocessories, Inc. Telectro Industries Corp. Terminal Radio Corp.

# Radio Navigation

Callins Radio Co.

Electronic Communications, Inc.
Haller Raymond & Brown Inc.
Lear, Inc.
Moran Instrument Corp.
Motorola Inc., Military Marketing Div.
Munston Mfg. & Service, Inc.
Simmonds Aerocessories, Inc.
Skiatron Electronics & Television Corp.
Stromberg-Carlson, Electronics Div.
Telectro Industries Corp.
Terminal Radio Corp.
Winder Aircraft Corp. of Fla.
Wunderlich Radio Co.

# Remote Pickup, Fixed

Aeronautical Electronics, Inc.
Collins Radio Co.
Haller Raymond & Brown Inc.
Motorola Inc., Military Marketing Div.
Simmonds Aerocessories, Inc.
Telectro Industries Corp.
Terminal Radio Corp.
Varo Mfg. Co.

# Selective Signalling, Navigation

Bell & Gossett Co.
Bendix Radio Div.-Bendix Aviation Corp.
Collins Radio Co.
Haller Raymond & Brown Inc.
Moran Instrument Corp.
Motorola Inc., Military Marketing Div.
Skiatron Electronics & Television Corp.
Stromberg-Carlson, Electronics Div.
Telectro Industries Corp.
Terminal Radio Corp.
Varo Mfg. Co.

## Short Wave, Fixed

Amelco, Inc.
Collins Radio Co.
Communications Co.
Haller Raymond & Brown Inc.
Magnavox Co., The
Motorola Inc., Military Marketing Div.
Resdel Engrg. Corp.
Telectro Industries Corp.
Terminal Radio Corp.
Winder Aircraft Corp. of Fla.

Amelco, Inc.
Collins Radio Co.
Haller Raymond & Brown Inc.
Motorola Inc., Military Marketing Div.
Telectro Industries Corp.
Terminal Radio Corp.
Winder Aircraft Corp. of Fla.

# Single Side Band

Single Side Band

Adler Electronics, Inc.
Amelco, Inc.
Canoga Corp. of California
Collins Radio Co.
Electronic Communications, Inc.
Haller Raymond & Brown Inc.
Kaiser Aircraft & Electronics Div.-Kaiser Industries Corp.
Motorola Inc., Military Marketing Div.
Munston Mfg. & Service, Inc.
\*\*RESEARCH & ADVANCED DEVELOPMENT DIV.,
AVCO MFG. CORP.
Stromberg-Carlson, Electronics Div.
Telectro Industries Corp.
\*\*Terminal Radio Corp.
\*\*WESTINGHOUSE ELECTRIC CORP.
Wunderlich Radio Co.

# Transistor Operated

Transistor Operated

Advance Industries, Inc.
Alto Scientific Co., Inc.
Amelco, Inc.
Amelco, Inc.
Amelco, Inc.
American Electronic Labs., Inc.
Canoga Corp. of California
Collins Radio Co.
Haller Raymond & Brown Inc.
L E L, Inc.
Motorola Inc., Military Marketing Div.
\*RESEARCH & ADVANCED DEVELOPMENT DIV.,
AVCO MFG. CORP.
Ryan Aeronautical Co.
Simmonds Aerocessories, Inc.
Stromberg-Carlson, Electronics Div.
Superex Electronic Corp.
Sylvania Electronic Systems, Div.-Sylvania Electrolic Industries Corp.
Terminal Radio Corp.

#### uhf

Adler Electronics, Inc.
Aircom Inc.
American Electronic Labs., Inc.
Applied Research Inc.
Blonder-Tongue Labs., Inc.
Collins Radio Co.
Cubic Corp.
Electronic Communications, Inc.
Empire Products Sales Corp.
General Electronic Labs., Inc.
Haller Raymond & Brown Inc.
Nems Clarke Co., Div. Vitro Corp. of America
Lear, Inc.
Magnavox Co., The
Marconi Instruments
Motorola Inc., Military Marketing Div.
National Electronics Labortories, Inc.
Philco Corp., Government & Industrial Divs.
Polarad Electronics Corp.
Resdel Engrg. Corp.
Seeburg Corp., The
Seelby Electronics Systems, Div.-Sylvania Electronic Systems, Div.-Sylvania Electronic Systems, Div.-Sylvania Electronic Industries Corp.
Terminal Radio Corp.
Winder Aircraft Corp. of Fla.

#### vhf

Adler Electronics, Inc. Aircom Inc. Amelco, Inc. American Electronic Labs., Inc.
Applied Research Inc.
Applied Research Inc.
Collins Radio Co.
Cubic Corp.
Empire Products Sales Corp.
General Electronic Labs., Inc.
Haller Raymond & Brown Inc.
Nems Clarke Co., Div.-Vitro Corp. of America
Lear, Inc. Nems Clarke Co., Div.Vitro Corp. of America Lear, Inc.
Marconi Instruments
Motorola Inc., Miltary Marketing Div.
Philco Corp., Government & Industrial Divs.
Polarad Electronics Corp.
Production Research Corp.
Resdel Engrg. Corp.
Seeburg Corp., The
Simmonds Aerocessories, Inc.
Stavid Engrg., Inc.
Sylvania Electronic Systems, Div.-Sylvania Electronic Products Inc.
Telectro Industries Corp.
Terminal Radio Corp.
Varo Mfg. Co.
Winder Aircraft Corp. of Fla. wwv

Aricom Inc.
Amelico, Inc.
American Electronic Labs., Inc.
Haller Raymond & Brown Inc.
Lavoie Labs., Inc.
Specific Products
Telechrome Mfg. Corp.
Eelectro Industries Corp.
Terminal Radio Corp.
Winder Aircraft Corp. of Fla.

# RECEIVING EQUIPMENT, VHF OMNIRANGE

OMNIKANGE

Bendix Radio Div.-Bendix Aviation Corp.
Canoga Corp. of California
Collins Radio Co.
Electronic Instrumentation Co., Div.—Remo-Wooldridge Corp.
Haller Raymond & Brown Inc.
Motorola Inc., Military Marketing Div.
Munston Mfg. & Service, Inc.
Telectro Industries Corp.
Terminal Radio Corp.
Winder Aircraft Corp. of Fla.

# RECORDERS

RECORDERS

Airborne Instruments Lab., Inc.
Allegany Instrument Co., Inc.,
Barnes Development Co.
Barnes Development Co.
Brush Instruments, Div.-Clevite Corp.
Burroughs Corp.
Computer-Measurements Corp.
Consolidated Avionics Corp.
Consolidated Avionics Corp.
Consolidated Electronics Co., Div.-Int'l Telephone
& Telegraph Corp.
Farnsworth Electronics Co., Div.-Int'l Telephone
& Telegraph Corp.
Farnsworth Electronics Co., Div.-Int'l Telephone
& Telegraph Corp.
Haller RESEARCH, INC.
General Railway Signal Co.
Haller Raymond & Brown Inc.
Heiland Div.-Minneapolis-Honeywell
Leeds & Northrup Co.
Librascope Inc.
J. A. Maurer, Inc.
Perkin-Elmer Corp.
Thompson-Ramo-Wooldridge Products Co., The
Traid Corp.
Reeves Instrument Corp.
Telectro Industries Corp.
Terminal Radio Corp.

# Airborne Film

Althorne Film
Consolidated Electrodynamics Corp.
Edgerton, Germeshausen & Grier, İnc.
\*FLIGHT RISSEARCH, INC.
General Precision Lab. Inc.
Haller Raymond & Brown Inc.
J. A. Maurer, Inc.
Miles Reproducer Co. Inc.
Optomechanisms Inc.
Traid Corp.
Specialties, Inc.
Stancil-Hoffman Corp., The
Telectro Industries Corp.
Vought Co.

# Airborne Magnetic

American Electronics, Inc., Data-Tronics Div. Autonetics, Div.-North American Aviation, Inc. Centronix Inc., Consolidated Electrodynamics Corp. Electronation Co., Electronic Instrumentation Co., Div.-Ramo-Wooldridge Corp., General Precision Lab. Inc., Haller Raymond & Brown Inc., Kinevox-Hallen Librasrope Inc. Kinevox-Hailen
Librascope Inc.
Maico Electronics, Inc.
Miles Reproducer Co. Inc.
Miles Reproducer Co. Inc.
Mineapolis-Honeywell Regulator Co., Indust.
Minneapolis-Honeywell Regulator Co., Indust.
Northam Electronics, Inc.
Peirce Dictation Systems
\*RESEARCH & ADVANCED DEVELOPMENT DIV.,
AVCO MFG. CORP.
Seeburg Corp., The
Stancil-Hofman Corp., The
Telectro Industries Corp.

# Antenna Pattern

Airborne Instruments Lab., Inc. Antlab Inc.
\*\*Antlab Inc.
\*\*DALMO VICTOR CO., DIV.-TEXTRON INC.
Haller Raymond & Brown Inc.
Scientific-Atlanta, Inc.
Telectro Industries Corp.

# Binaural Tape

American Electronics, Inc., Data-Tronics Div. Electromation Co. Graflex, Inc.
International Radio & Electronics Corp.
Kinevox-Hallen
Southwestern Industrial Electronics Co.

Stancil-Hoffman Corp., The Telectro Industries Corp. Thompson Products, Inc.

# Code

Baird-Atomic, Inc. Centronix Inc. J. A. Maurer, Inc. Skiatron Electronics & Television Corp. Soroban Engrg., Inc. Telectro Industries Corp.

# Data

Allegany Instrument Co., Inc.
American Electronics, Inc., Data-Tronics Di
\*AMERICAN MACHINE & FOUNDRY CO.
Austin Co., The, Special Devices Div.
Baird-Atomic, Inc.,
Barnes Development Co.
Brush Instruments, Div.-Clevite Corp.
Centronix Inc. Barnies Development Co.
Barnies Instruments, Div.-Clevite Corp.
Centronix Inc.
Consolidated Avionics Corp.
Consolidated Electrodynamics Corp.
Data Instruments, Div.-Telecomputing Corp.
Edgerlon, Germeshausen & Grier, Inc.
Electromation Co.
Electronic Associates, Inc.
Fenske Fedrick & Miller Co.
Fischer & Porter Co.
General Railway Signal Co.
Haller Raymond & Brown Inc.
Hamilton Watch Co., Military Products Div.
Hogan Laboratories, Inc.
Kinevox-Hallen
Minneapolis-Honeywell Regulator Co., Indust.
Div.
Northam Electronics, Inc. Minneapolis-Honeywell Kegulator Co., Indust.
Div.
Northam Electronics, Inc.
Potter Instrument Co., Inc.
\*RADIATION, INC.
Skiatron Electronics & Television Corp.
Soroban Engrg., Inc.
Southwestern Industrial Electronics Co.
Streeter-Amet Co.
Telectro Industries Corp.
Thompson-Ramo-Wooldridge Products Co., The
Victor Adding Machine Co.
Westinghouse Electric Corp.

Skiatron Electronics & Television Corp. Telectro Industries Corp.

# Disc Magnetic

Audio-Master Corp. Autonetics, Div-North American Aviation, Inc. Librascope Inc. Skiatron Electronics & Television Corp. Telectro Industries Corp.

# Electronic Rotary Stylus

Skiatron Electronics & Television Corp.

# Electronic Self-Balancing Recorders & Indicators

Barnes Development Co. F. L. Moseley Co. Minneapolis-Honeywell Regulator Co., Indust. Minneapolis-Honeywell Regula Div. North Atlantic Industries, Inc. Non-Linear Systems Inc. Potter Aeronautical Corp. Reeves Instrument Corp. Research Appliance Co. Streeter-Amet Co. Westronics Inc.

# Facsimile

Alden Electronic & Impulse Recording Equip. Co. Consolidated Avionics Corp.
Haller Raymond & Brown Inc.
Hogan Laboratories, Inc.
Seeburg Corp., The
Skiatron Electronics & Television Corp.
Tally Register Corp.

Allegany Instrument Co., Inc.
Cameraflex Corp.
Edgerton, Germeshausen & Grier, Inc.
Electromation Co.
Kinevox-Hallen
Magnasync Mfg. Co., Ltd.
J. A. Maurer, Inc.
Optomechanisms Inc.
Traid Corp.
Vought Co.

# Film Stripe, Magnet

Magnasync Mfg. Co., Ltd. Telectro Industries Corp.

Cameraflex Corp. Centronix Inc.

Consolidated Electrodynamics Corp.
Electronic Associates, Inc.
\*FLIGHT RESEARCH, INC.
General Precision Lab. Inc.
Hogan Laboratories, Inc.
Minneapolis-Honeywell Reglator Co.
Minneapolis-Honeywell Regulator Co., Indust. Div.
Traid Corp.
Telectro Industries Corp.

# Flight Data

\*AMERICAN MACHINE & FOUNDRY CO. \*AMERICAN MACHINE & FOUNDRY CO.
Arnoux Corp.
Benson-Lehner Corp.
Brush Instruments, Div.-Clevite Corp.
Cameraflex Corp.
Centronix Inc.
Consolidated Avionics Corp.
Consolidated Electrodynamics Corp.
\*\*FLIGHT RESEARCH, INC.
General Precision Lab. Inc.
Hamilton Watch Co., Military Products Div.
Minneapolis-Honeywell Regulator Co., Indust.
Div. 

# Humidity, Electronic

Instruments Corp., The Leeds & Northrup Co. Minneapolis-Honeywell Regulator Co., Indust.

#### Millivolt

Allegany Instrument Co., Inc.
Arnoux Corp.
Consolidated Avionics Corp.
Curliss-Wright Corp., Electronics Div.
Electro-Tech Equipment Co., Apparatus Sales Dir.
Leeds & Northrup Co., Manineapolis-Honeywell Regulator Co., Indust.
Div.
F. L. Moseley Co.
Non-Linear Systems Inc.
Offiner Electronics Inc.
Research Appliance Co.
Thermo Electric Co., Inc.
Westronics Inc.

# Moisture, Electronic

Consolidated Electrodynamics Corp.

# Oscillograph

Oscillograph

Acton Laboratories Inc.
Allegany Instrument Co., Inc.
Brush Instruments, Div.-Clevite Corp.
Centronix Inc.
Consolidated Avionics Corp.
Consolidated Electrodynamics Corp.
Edgerton, Germeshausen & Grier, Inc.
Edin Co., Inc.
Electro-Medical Lab., Inc.
Epic, Inc.,
General Electric Co., Apparatus Sales Div.
Heiland Div.-Minneapolis-Honeywell
Hogan Laboratories, Inc.
Minneapolis-Honeywell Regulator Co., Indust.
Div.
Optomechanisms Inc.
Photron Instrument Co.
Southwestern Industrial Electronics Co.

# Oxygen

Consolidated Electrodynamics Corp.

# Polar

Antlab Inc.
Consolidated Avionics Corp.
Hogan Laboratories, Inc.
Leeds & Northrup Co.
Librascope Inc.

# Telemetering

Amelco, Inc.
American Electronics, Inc.
American Electronics, Inc., Data-Tronics Div.
Brush Instruments, Div.-Clevite Corp.
Burroughs Corp.
Centronix Inc.
Consolidated Electrodynamics Corp.
\*\*POATA-CONTROL SYSTEMS INC.
Electronic Associates, Inc.
Epsco Inc.
Gates Electronic Co.
General Electric Co., Apparatus Sales Div.
Hogan Laboratories, Inc.
Instruments Corp., The
Minneapolis-Honeywell
Minneapolis-Honeywell
Minneapolis-Honeywell
Minneapolis-Honeywell
Minneapolis-Honeywell
Regulator Co., Indust.
Div. Div.
Optomechanisms Inc.

# ... tracking & telemetering

Pacific Div.-Bendix Aviation Corp.
\*RADIATION, INC.
Skiatron Electronics & Television Corp.
Telectro Industries Corp.
\*TELE-DYNAMICS INC.
Westinghouse Electric Corp.

# RECTIFIERS

RECTIFIERS

Bradley Labs.
Electro-Tech Equipment Co.
Fansteel Metallurgical Corp.
General Electric Co., Apparatus Sales Div.
General Nuclear Corp.
General Railway Signal Co.
Green Rectifier Co.
WINTERLECTRONICS CORP.
P. R. Mallory & Co., Inc.
Motorola Semiconductor Products Div.
Robins Industries Corp.
Sarkes Tarzian, Inc.
Schauer Mfg. Corp.
Sel-Rex Corp.
Telectro Industries Corp.
WINION SWITCH & SIGNAL, DIV.-WESTINGHOUSE AIR BRAKE CORP.
United States Dynamics Corp.
Varo Mfg. Co.
Westinghouse Electric Corp.
Winder Aircraft Corp. of Fla.

# REFLECTORS, RADAR

\*Ainslie Corp.

\*AMERICAN MACHINE & FOUNDRY CO.
Anderson, Greenwood & Co.
Demornay-Bonardi
Gabriel Co., The Gabriel Electronics Div.
Goodyear Aircraft Corp.
Ryan Aeronautical Co.
Stavid Engrq., Inc.
Technical Appliance Corp.

\*WASHINGTON ALUMINUM CO., INC.
Waveline, Inc.

Waveline, Inc. Winder Aircraft Corp. of Fla.

## REGULATORS

American Research & Mfg. Corp.

American Research & Mfg. Corp.
Baird-Atomic, Inc.,
CDC Control Services, Inc.
Curliss-Wright Corp., Electronics Div.
Cutler-Hammer Inc.,
Davenport Mfg. Co., The
Electric Regulator Corp.
Fenwal Inc.
General Electric Co., Apparatus Sales Div.
Guided Missile Div-De Haviltand Aircraft of
Canada, Ltd.
Nemeth, Inc.
Superior Electric Co., The
Trans, Electronics, Inc.
Transistor Devices Inc.
United Control Corp.
Varo Mfg. Co.
Wacline, Inc.

RELAYS

\*AMERICAN MACHINE & FOUNDRY CO.

\*AMERICAN MACHINE & FOUNDRY CO. Aemoc Inc.
Advanced Products Co., The
Alto Scientific Co., Inc.
Automatic Electric Sales Corp.
Automatic Switch Co.
Couch Ordnanca, Inc.
Cutler-Hammer Inc.
Electric Auto-Lite Co., The
Elgin National Watch Co.
General Railway Signal Co.
\*\*HARTMAN ELECTRICAL MFG. CO., THE
Haydon Div.-General Time Corp.
Iron Fireman Mfg. Co., Electronics Div.
Magnecraft Electric Co.
Mara Electronics, Inc.
Nemeth, Inc.
Nemeth, Inc.
Philadelphia Scientific Glass Co. Mara Electronis, Inc.
Philadelphia Scientific Glass Co.
Simpson Electric Co.
Standard Electromagnetics, Inc.

Capacitance

\*AMERICAN MACHINE & FOUNDRY CO. Cutler-Hammer Inc. Leach Corp. Photobell Co., Inc.

# Coaxial

Advance Relays, Electronics Div., Elgin National Watch Co.
\*AMERICAN MACHINE & FOUNDRY CO.
Cutler-Hammer Inc.
Elgin National Watch Co.
General Communication Co.
Magnecraft Electric Co.
Mara Electronics, Inc.
E. Y. Naybor Labs., Inc.
Nemeth, Inc.

Joseph Pollak Corp.
Price Electric Corp.
Relay Sales Inc.
Standard Electromagnetics, Inc.
Thompson Products, Inc.
Transco Products, Inc.

# Contact

Aemco Inc. Aemco Inc.
Airtron, Inc.
\*AMERICAN MACHINE & FOUNDRY CO.
Electro Tec Corp.
Electron-Radar Products
Elgin National Watch Co.
Engelhard Industries Inc., D. E. Makepeace Div.
General Railway Signal Co.
Guardian Electric Mig. Co.
Hi-Spec Electronics Corp.
Leach Corp.
Magnecraft Electric Co.
\*MISSILE COMPONENTS GROUP, ELECTROSNAP SWITCH & MFG. CO.
Nemeth, Inc. SNAP SWITCH & MFG. CO. Nemeth, Inc. Price Electric Corp. Quick Charge Corp. Relay Sales Inc. Sealectric Switch & Relay Corp. Standard Electromagnetics, Inc.

Cross-Bar

AMERICAN MACHINE & FOUNDRY CO.
James Cunningham Son & Co., Inc.
Elgin National Watch Co.
Engelhard Industries Inc., D. E. Makepeace Div.
Magnecraft Elactric Co.
\*MISSILE COMPONENTS GROUP, ELECTROSNAP SWITCH & MFG. CO.
Nemeth, Inc.,
North Electric Co.
Standard Electromagnetics, Inc.

\*AMERICAN MACHINE & FOUNDRY CO.
Assembly Products, Inc.
Thomas A. Edison Ind., Instrument Div.-McGrawEdison Co.
Simpson Electric Co.
Wacline, Inc.
Westinghouse Electric Corp.

# Differential

\*AMERICAN MACHINE & FOUNDRY CO.
Automatic Electric Sales Corp.
Automatic Switch Co.
Bendix Aviation Corp., Red Bank Div.
Thomas A. Edison Ind., Instrument Div.—Mc-Graw-Edison Co.

Graw-Edison Co.
Filtors, Inc.
General Electric Co., Apparatus Sales Div.
\*HARTMAN ELECTRICAL MFG. CO., THE
Magnecraft Electric Co.
Mara Electronics, Inc.
\*MISSILE COMPONENTS GROUP, ELECTRO-SNAP
SWITCH & MFG. CO.
Potter & Brumfield Inc.
Relay Sales Inc.
Standard Electromagnetics, Inc.
Westinghouse Electric Corp.

# Electronic, Resistance Activated

Electronic, Resistance Activated
Advance Relays, Electronics Div., Elgin National
Watch Co.
\*AMERICAN MACHINE & FOUNDRY CO.
Brubaker Electronics, Inc., Sub.—Telecomputing
Corp.
Comar Electric Co.
Culter-Hammer Inc.
Ebert Electronics Corp.
Electron-Redar Products
Elgin National Watch Co.
G-V Controls Inc.
Leach Corp.
Magnecraft Electric Co.
North Electric Co.
North Electric Co.
Peschel Electronics, Inc.
Sealectric Switch & Relay Corp.
Standard Electromagnetics, Inc.
Victory Engineering Corp.
G. C. Wilson & Co.

Frequency Selective

\*\*AMERICAN MACHINE & FOUNDRY CO. James G. Biddle Co. General Electric Co., Apparatus Sales Div. General Railway Signal Co. Guardian Electric Mig. Co. \*\*HARTMAN ELECTRICAL MFG. CO., THE Leach Corp. Nemeth, Inc. Varo Mig. Co. Westinghouse Electric Corp.

## High Voltage

Aemco Inc Aemoc Inc.
Advance Relays, Electronics Div., Elgin National
Watch Co.
Airtron, Inc.
\*AMERICAN MACHINE & FOUNDRY CO.
Bendix Aviation Corp., Red Bank Div.

Elgin National Watch Co. Filtors, Inc. Guardian Electric Mfg. Co. Laach Corp. Mara Electronics, Inc. Mara Electronics, Inc.
Nemeth, Inc.
Peschel Electronics, Inc.
Joseph Pollak Corp.
Potter & Brumfield Inc.
Price Electric Corp.
Relay Sales Inc.
Standard Electromagnetics, Inc.
Westinghouse Electric Corp.

\*AMERICAN MACHINE & FOUNDRY CO. Automatic Electric Sales Corp. Comar Electric Co. Electro-Tech Equipment Co. Elgin National Watch Co. Elgin National Watch Co.
Filtors, Inc.
General Electric Co., Apparatus Sales Div.
General Railway Signal Co.
Guardian Electric Mfg. Co.
Leach Corp.
Magnecraft Electric Co.
Mara Electronics, Inc.
North Electric Co.
North Electric Co.
Potter & Brumfield Inc.
Relay Sales Inc.
Standard Electromagnetics, Inc.
Tally Register Corp.
VINION SWITCH & SIGNAL,
HOUSE AIR BRAKE CORP.

Keying & Break-In

Advance Relays, Electronics Div., Elgin National Watch Co. Watch Co.
Airtron, Inc.
\*AMERICAN MACHINE & FOUNDRY CO.
Automatic Electric Sales Corp.
Elgin National Watch Co.
Guardian Electric Mfg. Co.
E. F. Johnson Co.
Jordan Electronics, Div.-Victoreen Instrument
Co.
Leach Corp.
Magnecraft Electric Co.
Mara Electronics, Inc.
North Electric Co.
Rometh, Inc.
North Electric Co.
Relay Sales Inc.
Standard Electromagnetics, Inc.

# Latching

Latching

Aemco Inc.
Advance Relays, Electronics Div., Elgin National
Watch Co.
Automatic Electric Sales Corp.
Automatic Switch Co.
Cutler-Hammer Inc.
Electro-Switch & Controls, Inc.
Electro-Switch & Controls, Inc.
Electro-Switch & Controls, Inc.
Electro-Switch & Controls, Inc.
Electro-Switch & Co.
Filtors, Inc.
Guardian Electric Mfg. Co.
\*HARTMAN ELECTRICAL MFG. CO., THE
Leach Corp.
Magnecraft Electric Co.
\*MISSILE COMPONENTS GROUP, ELECTRO-SNAP
SWITCH & MFG. CO.
North Electric Co.
Potter & Brymfield Inc.
Price Electric Corp.
Relay Sales Inc.
Sealectric Switch & Relay Corp.
Standard Electromagetics, Inc.
Ially Register Corp.
Transco Products, Inc.
Westinghouse Electric Corp.

\*AMERICAN MACHINE & FOUNDRY CO. Automatic Electric Sales Corp. Ebert Electronics Corp. Electron-Radar Products Electro-Tech Equipment Co. Gordos Corp. Mercury Contacts, Inc., Philadelphia Scientific Glass Co. Relay Sales Inc.

Meter

\*AMERICAN MACHINE & FOUNDRY CO. Electro-Tech Equipment Co. Simpson Electric Co. Wacline, Inc.

#### Microwave

Airtron, Inc.
\*AMERICAN MACHINE & FOUNDRY CO.
Don-Lan Electronics Co.
Geisler Labs.
General Communication Co.
Philco Corp., Government & Industrial Divs.
Thompson Products, Inc.
Uniwave, Inc.

Overfrequency

Advance Relays, Electronics Div., Elgin National Watch Co.

\*\*AMERICAN MACHINE & FOUNDRY CO.
Bendix Aviation Corp., Red Bank Div.
Elgin National Watch Co.
General Electric Co., Apparatus Sales Div.
HARTMAN ELECTRICAL MFG, CO., THE
Jordan Electronics, Div.-Victoreen Instrument
Co.

Jordan Co.
Leach Corp.
Varo Mfg. Co.
Westinghouse Electric Corp.

# Overload

Overload

Advance Relays, Electronics Div., Elgin National Watch Co.

\*AMERICAN MACHINE & FOUNDRY CO. Bendix Aviation Corp., Red Bank Div. Cutler-Hammer Inc.
Electric Auto-Lite Co., The Elgin National Watch Co. General Electric Co., Apparatus Sales Div. General Railway Signal Co. Guardian Electric Mig. Co. Leach Corp.
Magnecraft Electric Co., Mara Electronics, Inc., Metals & Controls, Inc., North Electric Corp.
E. V. Naybor Lebs., Inc., North Electric Corp.
Relay Sales Inc.,
Tempo Instrument Inc., Westinghouse Electric Corp.

# Overvoltage & Undervoltage

Advance Relays, Electronics Div., Elgin National Watch Co.
\*AMERICAN MACHINE & FOUNDRY CO.
Automatic Switch Co.
Bendix Aviation Corp., Red Bank Div.
Cutler-Hammer Inc.
Electric Auto-Lite Co., The
Elgin National Watch Co. Elgin National Wassen, Elgin National Wassen, Elgin National National Filtors, Inc.
G-V Controls Inc.
General Electric Co., Apparatus Sales Div.
General Railway Signal Co.
Guardian Electric Mfg. Co.
Guardian Electric Mfg. Co., THE
HARTMAN ELECTRICAL MFG. CO., THE
Jordan Electronics, Div.-Victoreen Ingrument

HARTMAN ELECTRICAL MFG
Jordan Electronics,
Co.
Leach Corp.
Lumen, Inc.
Magnecraft Electric Co.
Joseph Pollak Corp.
Price Electric Corp.
Tempo Instrument Inc.
Waugh Engrg. Co.
Westinghouse Electric Corp.

# Photoelectric

\*AMERICAN MACHINE & FOUNDRY CO. AMERICAN MACHINE & FOUNI
Autotron, Inc.
Dunlap Electronics, Inc.
Electron-Radar Products
Electronics Corp. of America
Electron-Each Equipment Co.
Ess Instrument Co.
Guardian Electric Mfg. Co.
Hi-Spec Electronics Corp.
Joseph Pollak Corp.
Standard Electromagnetics, Inc.
Westinghouse Electric Corp.

# Plate Circuit

Plate Circuit

Aemco Inc.
Advance Relays, Electronics Div., Elgin National
Watch Co.
Airron, Inc.
\*\*AMERICAN MACHINE & FOUNDRY CO.
Brubaker Electronics, Inc., Sub.—Telecomputing
Corp.
Comar Electric Co.
Couch Ordnance, Inc.
Electro-Switch & Controls, Inc.
Electro-Switch & Controls, Inc.
Elgin National Watch Co.
Filfors, Inc.
Guardian Electric Mfg. Co.
Hi-Spec Electronics Corp.
Iron Fireman Mfg. Co., Electronics Div.
Magnecraft Electric Co.
Mare Electronics, Inc.
E. V. Naybor Labs., Inc.
Potter & Brumfield Inc.
Price Electric Corp.
Relay Sales Inc.
Standard Electromagnetics, Inc.

# Polarized

\*AMERICAN MACHINE & FOUNDRY CO.
Automatic Electric Sales Corp.
Barber-Colman Co.
Bendix Aviation Corp., Red Bank Div.
Thomas A. Edison Ind.; Instrument Div.—McGraw-Edison Co.
Elg.n National Watch Co.

Filtors, Inc.
General Railway Signal Co.
\*HARTMAN ELECTRICAL MFG, CO., THE
Leach Corp.
Mara Electronics, Inc.
\*MISSILE COMPONENTS GROUP, ELECTRO-SNAP
SWITCH & MFG. CO.
Nemeth, Inc. SWIICH & MrG. 55.

Nemeth, Inc.

North Electric Co.

Potter & Brumfield Inc.

Relay Sales Inc.

Standard Electromagnetics, Inc.

Westinghouse Electric Corp.

# Power

Power

Aemco Inc.
Advance Relays, Electronics Div., Elgin National
Watch Co.
\*AMERICAN MACHINE & FOUNDRY CO.
Automatic Switch Co.
Bendix Aviation Corp., Red Bank Div.
Cutler-Hammer Inc.
Electro-Switch & Controls, Inc.
Electro-Switch & Controls, Inc.
Electro-Tech Equipment Co.
Elgin National Watch Co.
Filtors, Inc.
General Electric Mfg. Co.
\*HARTMAN ELECTRICAL MFG. CO., THE
Hi-Spec Electronics Corp.
Leach Corp.
Magnecraft Electric Co.
Mara Electronics, Inc.
\*MISSILE COMPONENTS GROUP, ELECTRO-SNAP
SYITCH & MFG. CO.
Potter & Brumfield Inc.
Price Electric Corp.
Relay Sales Inc.
Standard Electromagnetics, Inc.
Westinghouse Electric Corp.

# Reverse Current

\*AMERICAN MACHINE & FOUNDRY CO.
Automatic Switch Co.
Bendix Aviation Corp., Red Bank Div.
Thomas A. Edison Ind., Instrument Div—McGrawEdison Co.
Elgin National Watch Co.
General Electric Co., Sales Apparatus Div.
General Railway Signal Co.
Guardian Electric Mfg. Co.
\*\*HARIMAN ELECTRICAL MFG. CO., THE
Leach Corp.

Leach Corp.

Mara Electronics, Inc.

Master Specialties Co.

Aemco Inc. Advance Relays, Electronics Div., Elgin National Watch Co.

\*AMERICAN MACHINE & FOUNDRY CO.

AMERICAN MACHINE & FOU Don-Lan Electronics Co. General Communication Co. Leach Corp. Price Electric Corp. Relay Sales Inc. Telectro Industries Corp. Transco Products, Inc. Westinghouse Electric Corp.

# Rotary

Advance Relays, Electronics Div., Elgin National Watch Co.

Advance Relays, Electronics Div., Elgin National Watch Co.
Airtron, Inc.
\*AMERICAN MACHINE & FOUNDRY CO.
Brubaker Electronics, Inc., Sub.—Telecomputing Corp.
Couch Ordnance, Inc.
Elgin National Watch Co.
Engelhard Industries Inc., D. E. Makepeace Div.
Filfors, Inc.
General Communication Co.
Guardian Electric Mfg. Co.
Hi-G. Inc.
G. H. Leland, Inc.
Magnavox Co., The
Magnecraft Electric Co.
Mara Electronics, Inc.
\*MISSILE COMPONENTS GROUP, ELECTRO-SNAP
SWITCH & MFG. CO.
North Electric Co.
Price Electric Cop.
Relay Sales Inc.
\*UNION SWITCH & SIGNAL, DIV.-WESTING-HOUSE AIR BRAKE CORP.

# Sensitive

Aemon Inc.
Advance Relays, Electronics Div., Elgin National Watch Co.
Aerolite Electronics Corp.,
\*AMERICAN MACHINE & FOUNDRY CO.
Assembly Products, Inc.
Automatic Electric Sales Corp.
Automatic Switch Co.
Comar Electric Co.
Couch Ordnance, Inc.
Cutler-Hammer Inc.

General Electric Co., Apparatus Sales Div. Thomas A. Edison Ind., Instrument Div.—McGraw-Edison Co.
Electro-Switch & Controls, Inc.
Electro-Tech Equipment Co.
Elgin National Watch Co.
Filtors, Inc.
General Railway Signal Co.
Guardian Electric Signal Co. Filfors, Inc.
General Railway Signal Co.
Guardian Electric Mfg. Co.
\*\*HARIMAN ELECTRICAL MFG. CO., THE
Hi-Spec Electronics Corp.
Iron Fireman Mfg. Co., Electronics Div. ni-spec Electronics Corp.
Iron Fireman Mfg. Co., Electronics Div.
Lumen, Inc.
Magnecraft Electric Co.
Mara Electronics, Inc.
MISSILE COMPONENTS GROUP, ELECTRO-SNAP
SWITCH & MFG. CO.
E. V. Naybor Labs., Inc.
Nemeth, Inc.
Nemeth, Inc.
Nemeth, Inc.
Picae Electric Corp.
Relay Sales Inc.
Research Appliance Co.
Simpson Electric Co.
Standard Electromagnetics, Inc.
Tempo Instrument Inc.
Varo Mfg. Co.
Victory Engineering Corp.

# Stepping

Stepping

\*AMERICAN MACHINE & FOUNDRY CO. Cutler-Hammer Inc.
Joe Davidson & Associates
Eagle Signal Corp.
Electro-Tech Equipment Co.
Eigin National Watch Co.
General Electric Co., Apparatus Sales Div.
General Railway Signal Co.
Guardian Electric Mfg. Co.
\*A. W. HAYDON CO., THE
Leach Corp.
G. H. Leland, Inc.
Mara Electronics, Inc.
\*MISSILE COMPONENTS GROUP, ELECTRO-SNAP
SWITCH & MFG. CO.
E. V. Nayor Labs., Inc.
North Electric Co.
North Electric Co.
Potter & Brumfield Inc.
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# Subminiature

Aemoo Inc.
Advance Relays, Electronics Div., Elgin National Watch Co.
Aero Electronics Corp.
Airtron, Inc.
\*AMERICAN MACHINE & FOUNDRY CO.
Automatic Electric Sales Corp.
Brubaker Electronics, Inc., Sub. Te ecomputing

Automatic Electric Sales Corp.
Brubaker Electronics, Inc., Sub.-Te eccmputing
Corp.
Comar Electric Co.,
Couch Ordnance, Inc.
Cutler-Hammer Inc.
Electro-Switch & Controls, Inc.
Electro-Switch & Controls, Inc.
Electro-Switch & Controls, Inc.
Electro-Switch & Controls, Inc.
Electro-Switch & Co.
Filtors, Inc.
General Railway Signal Co.
Guardian Electric Mfg. Co.
Hi-G, Inc.
Iron Fireman Mfg. Co., Electronics Div.
Leach Corp.
Magnecraft Electric Co.
Mara Electronics, Inc.
E. V. Naybor Labs., Inc.
Nemeth, Inc.
North Electric Co.
Softer & Brumfield Inc.
Price Electric Corp.
Relay Sales Inc.
Simpson Electric Co.
Standard Electromagnetics, Inc.
Ielectro Industries Corp.
Tempo Instrument Inc.
\*\*WNION SWITCH & SIGNAL, DIV.-WESTINGHOUSE AIR BRAKE CORP.
Victory Engineering Corp.

# Temperature Compensated

lemperature Compensated

\*AMERICAN MACHINE & FOUNDRY CO. Assembly Products, Inc. Cutler-Hammer Inc. Thomas A. Edison Ind., Instrument Div.-Mc-Graw-Edison Co. Elgin National Watch Co. General Electric Co., Apparatus Sales Div. G-V Controls Inc.

\*HARTMAN ELECTRICAL MFG. CO., THE E. Vernon Hill & Co. Nemeth, Inc. Joseph Pollak Corp.

Joseph Pollak Corp.
\*WESTINGHOUSE ELECTRIC CORP.

# Thermal

Advance Relays, Electronics Div., Elgin National

Advance Relays, Electronics Div., Elgin National Watch Co.
\*AMERICAN MACHINE & FOUNDRY CO.
Cutler-Hammer Inc.
Thomas A. Edison Ind., Instrument Div.-McElectron-Radar Products
Elgin National Watch Co.
G-V Controls Inc.
General Railway Signal Co.
Relay Sales Inc.
Vap-Air Div., Vapor Heating Corp.
Victory Engineering Corp.

Thermostatic Delay

\*\*AMERICAN MACHINE & FOUNDRY CO. Thomas A. Edison Ind., Instrument D. Graw-Edison Co. Electro-Tech Equipment Co. G-V Controls Inc. Iron Fireman Mig. Co., Electronics Div. Leach Corp. Relay Sales Inc. Vap-Air Div., Vapor Heating Corp.

# Time Delay

Abrams Instrument Corp.
Advance Relays, Electronics Div., Elgin National Waitch Co.
Advanced Products Co., The
Aero Electronics Corp.
Alto Scientific Co., Inc.
\*AMERICAN MACHINE & FOUNDRY CO.

AMERICAN MACHINE & FOUNDRY CO.
Amglo Corp.
Automatic Electric Sales Corp.
Automatic Switch Co.
Bendix Aviation Corp., Red Bank Div.
Comar Electric Co.
Cutler-Hammer Inc.
Joe Davidson & Asociates
Eagle Signal Corp.
Thomas A. Edison Ind., Instrument Div.-McGraw-Edison Co.
Electron-Radar Products
Electronic Techniques, Inc.
Electronics Corp. of America
Electron-Switch & Controls, Inc.

Electro-Tech Equipment Co.
Elgin National Watch Co.
G-V Controls Inc.
General Electric Co., Apparatus Sales Div.
General Railway Signal Co.
Guardian Electric Mfg. Co.
Hamilton Watch Co., Military Products Div.
\*A. W. HAYDON CO., THE
Haydon Div.-General Time Corp.
Jordan Electronics, Div.-Victoreen Instrument Co.
Leach Corp.
Magnecraft Electric Co.
Mars Electronics, Inc.
Master Specialties Co.
E. V. Naybor Labs., Inc.
Nemeth, Inc.
North Electronic Co.
Price Electric Corp.
Quick Charge Corp.
Relay Sales Inc.
Simpson Electric Co.
Technical Oil Tool Corp.
Telectro Industries Corp.
Tempo Instrument Inc.
Vemaline Products Co.
\*Wassinghouse Electric CoRP.
G. C. Wilson & Co.

Timing

# Timing

Timing

Abrams, Instrument Corp.

\*AMERICAN MACHINE & FOUNDRY CO.

Amglo Corp.
Curler-Hammer Inc.
Eagle Signal Corp.
Thomas A. Edison Ind., Instrument Div.-McGraw-Edison Co.
Electronic Techniques, Inc.
Electronic Corp. of America
Electro-Tech Equipment Co.
Elgin National Watch Co.
Exact Engrg. & Mig. Inc.
General Railway Signal Co.
General Relectric Co., Apparatus Sales Div.
General Railway Signal Co.
Guardian Electric Mig. Co.
Hamilton Watch Co., Military Products Div.

\*A. W. HAYDON CO., THE
Haydon Div.-General Time Corp.
Jordan Electronics, Div.-Victoreen Instrument Co.
Nemeth, Inc.
Price Electric corp.
Simpson Electric Co.
Technical Oil Tool Corp.
Telectro Industries Corp.
Tempo Instrument Inc.
Vemaline Products Corp.
Tempo Instrument Inc.
Vemaline Products Corp.
G. C. Wilson & Co.

Under Frequency

AMERICAN MACHINE & FOUNDRY CO.
Automatic Switch Co.
Bendix Aviation Corp., Red Bank Div.
Elgin National Watch Co.
General Electric Co., Sales Apparatus Div.
G-V Controls Inc.
\*\*HARTMAN ELECTRICAL MFG. CO., THE
Jordan Electronics, Div.-Victoreen Instrument Co.
Leach Corp.
Lumen. Inc.

Leach Corp.
Lumen, Inc
Research Appliance Co
Telectro Industries Corp.
Varo Mfg. Co.
Waugh Engrg. Co.

# Vacuum Contact

\*AMERICAN MACHINE & FOUNDRY CO. Penta Labs, Inc.
Relay Sales Inc.
Telectro Industries Corp.

Vibrating Reed Type

\*AMERICAN MACHINE & FOUNDRY CO. American Television & Radio Co. AMERICAN MACHINE a 1.00...
American Television & Radio Co Amglo Corp.
Automatic Electric Sales Corp.
Bell & Gosselt Co.
James G. Biddle Co.
Culler-Hammer Inc.
Electric Auto-Lite Co., The
Gordos Corp.
North Electric Co.
Telectro Industries Corp.

# REMOTE PICK-UP, AUDIO

Magnasync Mfg. Co., Ltd. Motorola Inc., Military Marketing Div. Telectro Industries Corp. Varo Mfg. Co.

# REPEATERS, MICROWAVE

Motorola Inc., Military Marketing Div. Telectro Industries Corp.

# REPEATERS, PASSIVE, MICROWAVE

Ainslie Corp. Demornay-Bonardi Gabriel Co., The Gabriel Electronics Div.

Motorola Inc., Military Marketing Div. Reeves Instrument Corp. Telectro Industries Corp.

# RESISTANCE THERMOMETER **BULBS**

Thomas A. Edison Ind., Instrument Div.-Mc-Graw-Edison Co. Rosemount Engrg. Co. Trans-Sonics, Inc. United Control Corp.

# RESISTORS

Analogue Controls, Inc.
Chicago Telephone Supply Corp.
Clarostat Mfg. Co., Inc.
F. W. Corbett Science Labs.
Daven Co., The
Dwyer Engrg. Co., Inc.
Electro-Measurements Inc.
General Railway Signal Co.
General Transistor Corp.
Globar Plant, Refractories Div. The Carborundum Globar Plant, Refractories I Co. Key Resistor Corp. Leeds & Northrup Co. Ohio Carbon Co., The Pacific Resistor Co. Precision Resistor Co. Inc. Terminal Radio Corp.

# Boroncarbon

Key Resistor Corp. Terminal Radio Corp.

# Composition, Variable

Ace Electronics Associates, Inc. Chicago Telephone Supply Corp. Clarostat Mfg. Co., Inc. Key Resistor Corp. Terminal Radio Corp.

# Carbon Film

Cal-Ohm Labs., Inc. Clarostat Mfg. Co., Inc. Dale Products, Inc. Erie Resistor Corp. Key Resistor Corp. Pyrofilm Resistor Co., Inc. Terminal Radio Corp.

# Decade

Cal-Ohm Labs., Inc.
Daven Co., The
Electro-Measurements Inc.
Gray Instrument Co.
Key Resistor Corp.
Pacific Resistor Co.
Precise Development Corp.
Precision Resistor Co. Inc.
Terminal Radio Corp.

# Deposited Carbon

Cal-Ohm Labs., Inc.
Clarostat Mfg. Co., Inc.
Dale Products, Inc.
Erie Resistor Corp.
Key Resistor Corp.
P. R. Mallory & Co. Inc.
Morganite, Inc.
Pyrofilm Resistor Co., Inc.
Terminal Radio Corp.

# Encapsulated

ncapsulated

Axel Electronics
Cal-Ohm Labs., Inc.
Chicago Telephone Supply Corp.
Clarostat Mfg. Co., Inc.
Dave Products, Inc.
Daver Engrg. Co., Inc.
Gordos Corp.
Key Resistor Corp.
Morganite, Inc.
Non-Linear Systems Inc.
Pacific Resistor Co.
Precision Resistor Co.
Terminal Radio Corp.
Transformers, Inc.

# Film

Cal-Ohm Labs., Inc.
Clarostat Mfg. Co., Inc.
Corning Glass Works
Dale Products, Inc.
Daven Co., The
Filmohm Corp.
Key Resistor Corp.
Metavac, Inc.
Pyrofilm Resistor Co., Inc.
Terminal Radio Corp.

# Fixed Composition

Clarostat Mfg. Co., Inc. Dale Products, Inc.

Globar Plant, Refractories Div.-The Carborundum Co. P. R. Mallory & Co. Inc. Morganite, Inc. Ohio Carbon Co., The Tepro Electric Co. Terminal Radio Corp.

# Fixed Wire-Wound

ixed Wire-Wound

Axel Electronics

Bradford Components, Inc.
Cal-Ohm Labs., Inc.
Chicago Telephone Supply Corp.
Clarostat Mfg. Co., Inc.
F. W. Corbett Science Labs.
Dale Products, Inc.
Daven Co., The
Electro-Heat Inc.
Electro-Heasurements Inc.
Electro-Weasurements Inc.
General Electric Co., Apparatus Sales Div.
Land-Air, Inc., Sub.-California Eastern Aviation, Inc. Land-Air, Inc., Sub.-California Eastern Avianon, Inc.
La Pointe Industries Inc.
La Pointe Industries Inc.
Motorola Inc., Military Marketing Div.
Motorola Inc., Military Marketing Div.
Munston Mfg. & Service, Inc.
National Electronics Laboratories, Inc.
Philico Corp., Government & Industrial Divs.
Radio Corporation of America, Defense Electronics Tronic Products
Seeburg Corp., The
Seeley Electronics Div.
Telectro Industries Corp.
Terminal Radio Corp.
Winder Aircraft Corp. of Fla.

Bradford Components, Inc Clarostat Mfg. Co., Inc. Daven Co., The P. R. Mallory & Co. Inc. Ohio Carbon Co., The Terminal Radio Corp. Inc.

# Glass

Corning Glass Works
Daven Co., The
Erie Resistor Corp.
Filmohm Corp.
Metavac, Inc.
Morganite, Inc.
Myrofilm Resistor Co., Inc.
Terminal Radio Corp.

# High Frequency

Dale Products, Inc. Electro Impulse Lab., Inc. Filmohm Corp. Globar Plant, Refractories Div.-The Carborundum Globar Figure 2. Go. Co. Hansen Electronics Co. Key Resistor Corp. Ohio Carbon Co., The Pyrofilm Resistor Co., Inc. Terminal Radio Corp.

# High Temperature

Abrams Instrument Corp.

\*AMERICAN STEEL & WIRE DIV.-UNITED STATES
STEEL CORP.
Dale Products, Inc.
Daven Co., The
Dwyer Engrg. Co., Inc.
Filmohm Corp.
Key Resistor Corp.
Pacific Resistor Co.,
Pyrofilm Resistor Co., Inc.
Sage Electronics Corp.
Spectrol Electronics Div., Carrier Corp.
Tepro Electric Co.
Terminal Radio Corp.

# High Voltage

\*AMERICAN STEEL & WIRE DIV.-UNITED STATES STEEL CORP.
Clarostat Mfg. Co., Inc.
Dale Products, Inc.
Key Resistor Corp.
Morganite, Inc.
Ohio Carbon Co., The
Pyrofilm Resistor Co., Inc.
Terminal Radio Corp.
\*WESTINGHOUSE ELECTRIC CORP.

# Industrial, Fixed

Clarostat Mfg. Co., Inc.
Dale Products, Inc.
General Electric Co., Apparatus Sales Div.
P. R. Mallory & Co. Inc.
Ohio Carbon Co., The
Pacific Resistor Co.
Terminal Radio Corp.

# Miniature Variable

Chicago Telephone Supply Corp. Clark Electronic Laboratories

Clarostat Mfg. Co., Inc.
F. W. Corbett Science Labs.
Dale Products, Inc.
Joe Davidson & Associates
General Controls Co.
Humphrey, Inc.
P. R. Mallory & Co. Inc.
Precision Line Inc.
Spectrol Electronics Div., Carrier Corp.
Terminal Radio Corp.
Tucson Instrument Corp.

# Negative Temperature Coefficient

\*AMERICAN STEEL & WIRE DIV.-UNITED STATES STEEL CORP.
Clark Electronic Laboratories Daven Co., The Key Resistor Corp.
Keystone Carbon Co., Morganite, Inc., Pyrotlin Resistor Co., Inc., Terminal Radio Corp., Victory Engineering Corp.

# Photo Sensitive

Eastman Kodak Co. Infrared Industries Inc. Terminal Radio Corp.

# Plug-In-Tube

Dale Products, Inc. Daven Co., The Terminal Radio Corp.

# Precision

Precision

Bradford Components, Inc.
Cal-Orm Labs., Inc.
Cal-Orm Labs., Inc.
Chicago Telephone Supply Corp.
Clarostat Mfg. Co., Inc.
F. W. Corbett Science Labs.
Dale Products, Inc.
Daven Co., The
Dwyer Engrg. Co., Inc.
Electro-Mec Lab. Inc.
Filmohm Corp.
General Transistor Corp.
Gray Instrument Co.
Humphrey, Inc.
Key Resistor Corp.
Leeds & Northrup Co.
Metavac, Inc.
Non-Linear Systems Inc.
Pacific Resistor Co.
Precision, Inc. Precision, Inc.
Pyrofilm Resistor Co., Inc.
Sage Electronics Corp. Spectrol Electronics Div. Carrier Corp.
Tepro Electric Co.
Terminal Radio Corp. Transformers, Inc.
Tucson Instrument Corp.
\*WESTINGHOUSE ELECTRIC CORP.

# Printed Circuit

Carbone Corp., The Chart-Pak, Inc. Carbone Corp., The
Chart-Pak, Inc.
Dale Products, Inc.
Daven Co., The
Dwyer Engrg. Co., Inc.
Filmohm Corp.
General Transistor Corp.
Hansen Electronics Co.
P. R. Mallory & Co. Inc.
Milmanco
Non-Linear Systems Inc.
Onondaga Pottery Co., Electronics Div.
Sohl Co., The
Terminal Radio Corp.

# Printed Strip

Dale Products, Inc.
Filmohm Corp.
Hansen Electronics Co.
Naz-Dar Co.
Sohi Co., The
Techniques, Inc.
Terminal Radio Corp.

# Rectilinear

Clarostat Mfg. Co., Inc. F. W. Corbett Science Labs. Daven Co., The Hansen Electronics Co. Humphrey, Inc. Precision Line Inc. Terminal Radio Corp.

# Silicone

Ace Electronics Associates, Inc. F. W. Corbett Science Labs. Dale Products, Inc. Daven Co., The Key Resistor Corp. Morganife, Inc. Pacific Resistor Co. Rubbercraft Corp. of California Sage Electronics Corp. Tepro Electric Co. Terminal Radio Corp.

# Subminiature

\*AMERICAN STEEL & WIRE DIV.-UNITED STATES STEEL CORP.
Cal-Ohm Labs, Inc.
Dale Products, Inc.
Daven Co., The
Dwyer Engrg. Co., Inc.
Filmohm Corp.
Hansen Electronics Co.
P. R. Mallory & Co. Inc.
Pacific Resistor Co.
Precision, Inc.
Tepro Electric Co.
Terminal Radio Corp.
Tucson Instrument Corp.

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# . . . tracking & telemetering

Cal-Ohm Labs., Inc. Daven Co., The Dwyer Engrg. Co., In Hansen Electronics Co. Terminal Radio Corp.

Temperature Sensitive

Temperature Sensitive

\*AMERICAN STEEL & WIRE DIV.-UNITED STATES STEEL CORP.

Axel Electronics
Cal-Ohn Labs., Inc.
Carbone Corp., The Daven Co., The General lectric Co., Apparatus Sales Div.
Gray Instrument Co.
Green Rectifier Co., Keystone Carbon Co.
Master Tape Printers
Metavac, Inc., Minco Products, Inc., Precision, Inc.
Rosemount Engra, Co.
Terminal Rabio Corp.
Vap-Air Div., Vapor Heating Corp.
Victory Engineering Corp.

# Variable Composition

Ace Electronics Associates, Inc. Chicago Telephone Supply Corp. Clarostat Mfg. Co., Inc. Terminal Radio Corp.

# Variable, Miniature

Ariable, Miniature

Ace Electronics Associates, Inc.
Chicago Telephone Supply Corp.
Clarostat Mig. Co., Inc.
F. W. Corbert Science Labs.
Dale Products, Inc.
Joe Davidson & Associates
Edcliff Instruments
General Controls Co.
P. R. Mallory & Co. Inc.
Precision Line Inc.
Spectrol Electronics Div., Carrier Corp.
Terminal Radio Corp.
Tucson Instrument Corp.

# Variable Wire Wound

Variable Wire Wound

Ace Electronics Associates, Inc.
Analoque Controls, Inc.
Bradford Components, Inc.
Cal-Ohm Labs., Inc.
Chicago Telephone Supply Corp.
Clarostat Mig. Co., Inc.
F. W. Corbett Science Labs.
Dale Products, Inc.
Joe Davidson & Associates
Electro-Mec Lab. Inc.
General Controls Co.
General Railway Signal Co.
Leeds & Northrup Co.
P. R. Mallory & Co. Inc.
Pacific Resistor Co.
Precision Line Inc.
Spectrol Electronics Div., Carrier Corp.
Terminal Radio Corp.
Tucson Instrument Corp.

# Wire Wound

Ace Electronics Associates, Inc. American Electronics, Inc. Axel Electronics Bradford Components, Inc. Axel Electronics
Bradford Components, Inc.
Cal-Ohm Labs., Inc.
Chicago Telephone Supply Corp.
Clarostat Mfg. Co., Inc.
F. W. Corbett Science Labs.
Dale Products, Inc.
Daven Co., The
Electro-Hex Heat, Inc.
Electro-Hex Heat, Inc.
Electro-Measurements Inc.
Electro-Measurements Inc.
General Railway Signal Co.
General Railway Signal Co.
General Transistor Corp.
Industrial Instruments Inc.
Key Resistor Corp.
P. R. Mallory & Co. Inc.
Ohio Carbon Co., The
Pacific Resistor Co.
Precision, Inc.
Precision Line Inc.
Sage Electronics Corp.
Spectrol Electronics Div. Carrier Corp.
Tepro Electric Co.
Terminal Radio Corp.

# RESOLVERS

Cedar Engrg. Div.-Control Data Corp. Diehl Mfg. Co.

Eclipse-Pioneer Div., Bendix Aviation Corp.
Electronics Corp. of America
Farnsworth Electronics Co., Div., Int'l Telephone
& Telegraph Corp.
Helipot Corp.
Kearfott Co., Inc.,
Reeves Instrument Corp.

# RHEOSTATS

Analogue Controls, Inc. James G. Biddle Co. Clarostat Mfg. Co. Inc. Cutler-Hammer Inc. Dejur-Amsco Corp. Dejur-Amsco Corp.
Electro-Measurements Inc.
Electro-Mec Lab, Inc.
Electro-Mec Lab, Inc.
Electro-Tech Equipment Co.
General Controls Co.
General Electric Co., Apparatus Sales Div.
Grimes Mfg. Co.
P. R. Mallory & Co. Inc.
Joseph Pollak Corp.
Precision Line Inc.
Superior Electric Co., The
Tucson Instrument Corp.
\*WESTINGHOUSE ELECTRIC CORP.

# SCANNERS, REFLECTED & TRANSMITTED LIGHT

Austin Co., The, Special Devices Div. Electronics Corp. of America Hogan Laboratories, Inc. Instrument Development Laboratories, Inc. Menlo Research Lab. Optomechanisms, Inc. Skiatron Electronics & Television Corp. Telectro Industries Corp.

# SELECTIVE CALLING APPARATUS

Bell & Gossett Co.
Benson-Lehner Corp.
Collins Radio Co.
Motorola Inc., Military Marketing Div.
Photobell Co., Inc.
Reeves Instrument Corp.
Skiatron Electronics & Television Corp.
Telectro Industries Corp.
Varo Mfa. Co. Varo Mfg. Co.

# SENSING DEVICES

SENSING DEVICES

Aeroflex Corp., The, Aeroflex Labs. Div. BJ Electronics, Bog-Warner Corp. Baird-Atomic, Inc.
Benson-Lehner Corp.
CDC Control Services, Inc.
Consolidated Electrodynamics Corp.
Dynametrics Corp.
Eastman Kodak Co.
Electro Products Labs., Inc.
Electronics Corp. of America
Friez Instrument Div.-Bendix Aviation Corp.
Guided Missile Div.-De Havilland Aircraft of Canada, Ltd.
Instrument Development Laboratories, Inc.
Massa Labs., Inc.
\*MISSILE COMPONENTS GROUP, ELECTROSNAP SWITCH & MFG. CO.
Optomechanisms Inc.
Perkin-Elmer Corp.
Reeves Instrument Corp.
Stanley Aviation Corp.
Varo Mig. Co.

# SEXTANTS, PERISCOPE TYPE

Baird-Atomic, Inc. Buhl Optical Co. \*HATWARD SCIENTIFIC GLASS CORP.
Kollsman Instrument Corp., Sub.-Standard Coil
Products Co. Inc.
Optomechanisms Inc.

# SHEETS, METAL CLAD, PRINTED CIRCUIT

Continental Diamond Fibre Corp., Sub.-The Continental Diamond Fibre Corp., Sul Budd Co. La Pointe Industries Inc. Magnetic Shield Div.-Perfection Mica Co. New England Laminates Co., Inc. St. Regis Paper Co. Strythane Corp. Techniques, Inc.

# SHIELDING

H. Braun Tool & Instrument Co., Inc. Hallett Mfg. Co. International Electronics Research Corp. Magnetic Shield Div.-Perfection Mica Co. Swedlow Plastics Co.

# Cathode Ray Tube

Suffolk Products Corp.

# Coil

Hallett Mfg. Co. Magnetic Shield Div.-Perfection Mica Co. Paul & Beekman, Inc.

# Electrostatic

American Brass Co., The
Auburn Mfg. Co., The
Belden Mfg. Co.
General Cable Corp.
International Electronic Research Corp.
Magnetic Shield Div.-Perfection Mica Co.
Newark Wire Cloth Co.
Paul & Beekman, Inc.
Shielding Inc.

# Transformer

Magnetic Shield Div.-Perfection Mica Co. Suffolk Products Corp. Swedlow Plastics Co. United Transformer Corp.

# Tube

American Brass Co., The
Connector Corp.,
Elco Corp.,
Gasket, Packing & Specialty Co. Inc.
General Cable Corp.,
International Electronic Research Corp.
Paul & Beekman, Inc.
Suffolk Products Corp.

# SHIMS, LAMINATED

\*LAMINATED SHIM CO.

# SHUNTS, METER

Associated Research, Inc.
Electro-Tech Equipment Co.
General Electric Co., Apparatus Sales Div.
Hammett Electric Co., Hickok Electrical Instrument Co., The
Janco Corp.
Minneapolis-Honeywell Regulator Co., Indust. Minneapolis-Honeywell Regulator Div. Narda Microwave Corp., The Simpson Electric Co. Wacline, Inc. \*WESTINGHOUSE ELECTRIC CORP.

# SHUTTERS, MICROWAVE

Airtron, Inc.
Bogart Mfg. Corp.
Defiance Engrg. & Microwave Corp.
Demornay-Bonardi
Omega Labs., Inc.
Ryan Aeronautical Co.
\*TELERAD MFG. CORP.
Uniwave, Inc.
Waveline, Inc.

# SLIDES

Chassis-Trak, Inc.

# SOLDER

Acurate Specialties Co. Inc.
All-State Welding Alloys Co., Inc.
All-State Welding Alloys Co., Inc.
Alpha Metals, Inc.
American Brazing Alloys Co.
Anchor Metal Co. Inc.
Bow Solder Products Co., Inc.
Dalweld Co. Inc.
Division Lead Co.,
General Findings & Supply Co., Industrial Div.
Handy & Harman
Johnson Mfg, Co., Inc.
Leach & Garner Co., Industrial Div.
New York Solder Co., Inc.
Spincraft, Inc.
Spincraft, Inc.
Standard Metals Corp.
Tricon Mfg. Co.

# SPRINGS, ANTENNA TENSION

W. L. Barrett Co., The
Birnbach Radio Co., Inc.
Cleveland Pneumatic Tool Co., The, Div.-Cleveland Pneumatic Industries, Inc.
Leetronics, Inc.
Newcomb Spring of Conn. Inc.
Robins Industries Corp.
Wind Turbine Co.

# SPRINGS, GROUNDING ANTENNA

Ace Spring Mfg. Co., Inc.
W. L. Barrett Co., The
Birnbach Radio Co., Inc.
Blaco Mfg. Co.
H. Braun Tool & Instrument Co., Inc.
Leetronics, Inc.
Newcomb Spring of Conn. Inc.
Permax Products Div., Chisholm-Ryder Co., Inc.
Reliable Spring & Wire Forms Co., The

# **STANDARDS**

Allegany Instrument Co., Inc. Barnes Development Co. Boonton Radio Corp. Varo Mfg. Co.

# Capacitance

Barnes Development Co. Boonton Electronics Corp. Consolidated Airborne Systems, Inc. Leeds & Northrup Co.

# Frequency

Demornay-Bonardi Dunlap Electronics, Inc. Gertsch Products Inc. Manson Laboratories, Inc. Telechrome Mfg. Corp. Thompson Products, Inc. Varo Mfg. Co.

# Inductance

Leeds & Northrup Co. United Transformer Corp.

# Laboratory Time

Allegany Instrument Co., Inc. Dunlap Electronics, Inc. Hamilton Watch Co., Military Products Div. Textran Corp.

Acton Laboratories Inc. Barnes Development Co. Theta Instrument Corp. Varo Mfg. Co. Wintronics

# Resistance

Rannes Development Co.
Consolidated Airborne Systems, Inc.,
General Electric Co., Apparatus Sales Div.
Gray Instrument Co.
Leeds & Northrup Co.
Minneapolis-Honeywell Regulator Co., Indust.
Div.
Narda Microwave Corp., The

# STANDS, WAVEGUIDE

ACF Industries, Inc., Advanced Products Div. Aircom Inc., Ballymore Co., B. Christiansen Co., Defiance Engrg. & Microwave Corp., Demornay-Bonardi La Pointe Industries Inc., Omega Labs., Inc., Uniwave, Inc., Winder Aircraft Corp. of Fla.

# STATIC ELIMINATORS

Blaco Mfg. Co. Farnsworth Electronics Co., Div.-Int'l Telephone & Telegraph Corp. Merix Chemical Co. Statikil, Inc., Div.-The J. E. Doyle Co. United States Radium Corp.

# STATORS, MOTOR & GENERATOR

Celco-Constantine Engrg. Laboratories Co. Eicor Div.-F. L. Jacobs Co. Guided Missile Div.-De Havilland Aircraft of Canada, Ltd. Kurz & Root Co. Wacline, Inc.

# STRIPS, MOUNTING

Birnbach Radio Co., Inc. Blaco Mfg. Co. Continental Diamond Fibre Corp., Sub.—The Budd Co. Electronic Techniques, Inc. Kulka Electric Corp.

# SUBMINIATURIZATION SERVICES

SUBMINIATURIZATION SERVICES

Advance Industries, Inc.
American Electronics, Inc.
\*\*COOPER DEVELOPMENT CORP.
Daven Co., The
Dyer Engra. Co., Inc.
Elgin Micronics, West Coast Div.-Elgin National
Watch Co.
Exact Engra. & Mfg. Inc.
Haller Raymond & Brown Inc.
Hamilton Watch Co., Military Products Div.
Instrument Development Laboratories, Inc.
La Pointe Industries Inc.
Maico Electronics, Inc.
Mechanical Div.-General Mills, Inc.
\*\*MISSILE COMPONENTS GROUP, ELECTRO-SNAP
SWITH & MFG. CO.
Motorola Inc., Military Marketing Div.
Resdel Engra. Corp.
Telechrome Mfg. Corp.
Topper Mfg. Co., Inc.

# SUPPRESSORS, NOISE

Hallett Mfg. Co. Televiso Corp.

# SWITCH GUARDS

Cutler-Hammer Inc.
Grimes Mfg. Co.
\*MISSILE COMPONENTS GROUP, ELECTRO-SNAP
SWITCH & MFG. CO.

# SWITCH, INERTIA

\*INERTIA SWITCH DIV., SAFE LIGHTING INC.

Airtron, Inc.
Amatom Electronic Hardware Co. Inc.
Amatom Electronic Sales Corp.
Birnbach Radio Co., Inc.
Bogarf Mig. Corp.
Capitol Machine Co., The
Carling Electric, Inc.
James Cunningham Son & Co., Inc.
Cutler-Hammer Inc.
Daven Co., The
Ebert Electronics Corp.
Electro Tec Corp.
Electro-Miniatures Corp.
Electro-Electro Corp.
Electro-Electric Co., Apparatus Sales Div.
General Electric Co., Apparatus Sales Div.
General Raliway Signal Co.
Gordos Corp.
Kulka Electric Corp.
Licon & Spiroid Divs., Illinois Tool Works
P. R. Mallory & Co. Inc.
Metals & Controls Corp.
Micro Switch, Div.—Minneapolis-Honeywell Reg.
Co.
Missille COMPONENTS GROUP. ELECTRO-SNAP

Micro Switch, Div.—Minneapons-roneyweil Reg.
Co.

\*MISSILE COMPONENTS GROUP, ELECTRO-SNAP
SWITCH & MFG. CO.
Mycalex Corp. of America
Network Mig. Corp.
O & S Research, Inc.
Philadelphia Scientific Glass Co.
Recora Co., Inc., The
Richards Electrocraft, Inc.
Switchcraft, Inc.
Ucinite Co., The, Div.—United-Carr Fastener
Corp.
Universal Circuit Controls Corp.
\*WESTINGHOUSE ELECTRIC CORP.

# SWITCHING EQUIPMENT, ANTENNA

Airtron, Inc.
Bendix Aviation Corp., York Div.
Bendix Aviation Corp.,
James Cunningham Son & Co., Inc.
Hycon Eastern Inc.
E. F. Johnson Co.
La Pointe Industries Inc.
Micro Switch, Div.—Minneapolis-Honeywell Reg. Co. Microwave Electronics Div., Sperry Gyroscope Co.
Telectro Industries Corp.
Wind Turbine Co.
Winder Aircraft Corp. of Fla.

# **SYNCHROS**

Cilfton Precision Products Co., Inc.

# TAPE

Arno Adhesive Tapes, Inc.
Audio-Master Corp.
Bonny Mfg. Corp.
Charl-Pak, Inc.
Connecticut Hard Rubber Co., The
C. R. Daniels, Inc.
Enflo Corp.
Hamilton Watch Co., Military Products Div.
Joclin Mfg. Co.
Master Tape Printers
Raybestos-Manhaftan, Inc.
Silicones Div.-Union Carbide Corp.
Sparta Mfg. Co.
Westline Products Div., Western Lithograph Co.

# TAPES, RECORDING

Audio-Master Carp. Hamilton Watch Co., Military Products Div. Minneapolis-Honeywell Regulator Co., Indust. Minited pois-rolley will be provided by Div.
Paper Migrs. Co.
Soroban Engrg., Inc.
Southwestern Industrial Electronics Co.

# TARGET DEVICES

(Infra-red, radar)
\*COOPER DEVELOPMENT CORP.

# TERMINAL BLOCKS

Accurate Electronics Corp., Dept D
Aerolite Electronics Corp., Alden Products Co.
Amatom Electronic Hardware Co. Inc.
Automatic Electric Sales Corp.
B G Corp., The
Burndy Corp., Omaton Div.
Cal-Ohm Labs., Inc.
Continental Diamond Fibre Corp., Sub.—The
Budd Co.
Electric Auto-Lite Co., The

Electronic Techniques, Inc.
Electro-Tech Equipment Co.
Emerson Plastics Corp.
Enflo Corp.
Co.
Garde Mfg. Co.
General Components Inc.
General Electric Co., Apparatus Sales Div.
General Railway Signal Co.
Journal Laboratories
Helipot Corp.
Walter K. Jaros, Aircrafters
Jodin Mfg. Co.
Jodee Plastics Co.
Howard B. Jones Div.-Cinch Mfg. Corp.
Kasar Mfg. & Distributing Co., Inc.
Kolton Electric Mfg. Co.
Kulka Electric Corp.
La Pointe Industries (Components Div.
Molding Corp. of America
Pic Design Corp., Sub.-Benrus Watch Co., Inc.
St. Regis Paper Co.
Silicone Insulation, Inc.
Superior Carbon Products, Inc.
Tensor Electric Development Co., Inc.

# TERMINAL BOARDS

Accurate Electronics Corp., Dept D
Aerolite Electronics Corp., Dept D
Aerolite Electronics Corp., Alden Products Co.
Amatom Electronic Hardware Co. Inc.
B G Corp., The
Cal-Ohm Labs., Inc.,
Continental Diamond Fibre Corp., Sub.—The
Budd Co.
Dalmore Corp.
Electric Auto-Lite Co., The
Electronic Techniques, Inc.
Elm Mfg. Co. Inc.
Elm Mfg. Co. Inc.
Emerson Plastics Corp.
Enflo Corp.
Garde Mfg. Co., Sub.—Components Inc.,
General Components Inc.,
General Railway Signal Co.
General Railway Signal Co.
Gunnar Laboratories
Hobson Brothers, Inc.
Walter K, Jaros, Aircrafters
Jodee Plastics Co.
Howard B, Jones Div.-Cinch Mfg. Corp.
Kasar Mfg. & Distributing Co., Inc.
Keystone Electronics Corp.
Kulk Electric Corp.
Kulk Electric Corp.
Molding Corp., of America
Si. Regis Paper Co.
Silicone Insulation, Inc.
Iri-Dex Co.
Vector Electronic Co.

# TERMINAL LUG SWAGGERS

Amp Inc.
Burndy Corp., Omaton Div.
Continental Diamond Fibre Corp., Sub.—The
Budd Co.
Electronic Techniques, Inc.
General Components Inc.
Walter K. Jaros, Aircrafters
Keystone Electronics Corp.
Kulka Electric Corp.
Litton Industries, Components Div.
Tensor Electric Development Co., Inc.

# TERMINAL STRIPS

Accurate Electronics Corp., Dept D
Aerolite Electric Sales Corp., Dept D
Aerolite Electric Sales Corp., Diribach Radio Co., Inc., Burndy Corp., Omaton Div.
Cal-Ohm Labs., Inc., Continental Diamond Fibre Corp., Sub.—The Budd Co., Elm Mfg. Co., Inc., Elm Mfg. Co., Inc., Elm Mfg. Co., Inc., Elm Mfg. Co., Inc., Elm Mfg. Co., Electronic Techniques, Inc., Compared Mfg. Co., General Railway Signal Co., General Railway Signal Co., General Components Inc., General Railway Signal Co., Gunnar Laboratories Industrial Engravers Inc., Jodee Plastics Co., Litton Industries, Components Div., Molding Corp., Casar Mfg., & Distributing Co., Inc., Kulka Electric Corp., Litton Industries, Components Div., Molding Corp., of America, North Electric Co., Silicone Insulation, Inc., Techniques, Inc., Tri-Dex Co., Vector Electronic Co., Vector Electronic Inc.

# **TERMINALS**

Amp Inc. Accurate Electronics Corp., Dept D

# . . . tracking & telemetering

Aerolite Electronics Corp.
Alden Products Co.
Amatom Electronic Hardware Co. Inc.
American Brass Co., The
Birnbach Radio Co., Inc.
Birnbach Radio Co., Inc.
Burndy Corp., Omaton Div.
Cal-Ohm Labs., Inc.
Circon Component Corp.
Dalmore Corp.
Delur-Amsco Corp.
Electric Auto-Lite Co., The
Electrical Industries, Div.-Philips Electronics, Inc.
Electronic Techniques, Inc.
Electronic Techniques, Inc.
Electronic Techniques, Inc.
Enflo Corp.
General Corp.
General Components Inc.
General Caramics Corp.
General Caramics Corp.
General Camponents Inc.
General Railway Signal Co.
Goe Engrg. Co.
Hallett Mig. Co.
Walter K. Jaros, Aircrafters
Joclin Mig. Co.
Keystone Electronics Corp.
Kulka Electric Corp.
Litton Industries, Components Div.
Lundy Associates Inc.
Malco Tool & Mig. Co.
Molding Corp. of America
Chester Morton Electronics Corp.
Thermo Malerials, Inc.
Vector Electronic Co.
Waldom Electronic Co.
Waldom Electronics, Inc.

# **TERMINATIONS**

Amp Inc.
Bogart Mfg. Corp.
General Ceramics Corp.
Lundy Associates Inc.
Microwave Electronics Div., Sperry Gyroscope

# **TRANSDUCERS**

TRANSDUCERS

Advance Industries, Inc.
Allegany Instrument Co., Inc.
\*R. C. ALLEN BUSINESS MACHINES, INC., AIRCRAFT INSTRUMENTS DIV.

American Electronics, Inc.
Atlantic Research Corp.
B & F Instruments, Inc.
BJ Electronics, Borg-Warner Corp.
Baldwin-Lima-Hamilton Corp., Electronics & Instrumentation Divs.
Cardinal Instrument Corp.
Cleveland Instrument Corp.
Cleveland Instrument Corp.
Cleveland Instrument Corp.
Coroli Co. of America
G. L. Collins Corp.
Consolidated Electrodynamics Corp.
Crescent Engrg. & Research Co.
Datron Electronics, Div.—Mid-Continent Mfg.,
Inc.
Dates Inc. Crescent Engrg. Div.—Mia-common Electronics, Div.—Mia-common Electronics, Div.—Mia-common Electronics, Div.—Mia-common Endough Inc., Fredric Flader Div. Edoliff Instruments Electronic Processes Corp., of California Endevco Corp., Electronic Processes Corp., of California Endevco Corp., Fairchild Controls Corp., Components Div. Fenwal Inc., Friez Instrument Div.-Bendix Aviation Corp. Gates Electronic Co. Gudeman Co., The Haller Raymond & Brown Inc. Kollsman Instrument Corp., Sub.—Standard Coil Products Co. Inc., WALLACE O. LEONARD, INC. Maico Electronics, Inc., Minatron Corp., Narda Ultrasonics Corp., The Perkin-Elmer Corp.
Photocon Research Products Roflan Co., The Southwestern Industrial Electronics Co. Trans-Sonics, Inc.
U. S. Gauge Div.-American Machine & Metals, Inc.

**TRANSFORMERS** 

Acme Electric Corp.
Acro Products Co.
Advance Industries, Inc.
Airtron, Inc.
Ballastran Corp.
Bogue Electric Mfg. Co.
Carad Corp.
Celco-Constantine Engrg. Laboratories Co.
Central Coil Co. Inc.
Central Transformer Co.
Chicago Electronic Engrg. Co., Inc.

Chicago Standard Transformer Corp.
Coil Co., of America
Cycle Transformer Corp.
Davenport Mig. Co.
Del Electronics Corp.
Ester Engrg. Co., Inc.
Electro Engrg. Co., Inc.
Electronics Transformer Co., Inc.
Electronic Transformer Co., Inc.
Epco Products Inc.
General Railway Signal Co.
Goslin Electric & Mig. Co.
Green Rectifier Co.
Guided Missile Div.-De Havilland Aircraft of
Canada, Ltd.
Hevi-Duty Electric Co.
Highland Engrg. Co.
\*INITERELECTRONICS CORP.
Lenkurt Electric Co., Inc.
Mara Electronics, Inc.
McKenna Labs.
Microtran Co. Inc.
Munston Mig. & Service, Inc.
NYT Electronics, Inc.
National Coil Co.
New York Coil Co., Inc.
New York Transformer Co.
New York Transformer Co.
New York Transformer Co.
Servomechanisms, Inc.
Southwestern Industrial Electronics Co.
Sterling Transformer Corp.
Superex Electronics Corp.
Tensor Electric Development Co., Inc.
Transonic, Inc.
Tristormer Corp.
United Transformer Corp. Transonic, Inc.
Tresco, Inc.
Trisd Transformer Corp.
United Transformer Corp.
Varo Mfg. Co.
Vibration Research Co., Inc.
Warren Transformer Co., Inc.
Wheeler Electronic Corp., Sub.-Sperry Rand
Corp.

Audio

Acro Products Co.
Advance Industries, Inc.
Alto Scientific Co., Inc.
Ballastran Corp.
Burnell & Co., Inc.
Carad Corp.
Celco-Constantine Engrg. Laboratories Co.
Central Transformer Co.
Chicago Standard Transformer Corp.
Coil Co. of America
Cycle Transformer Corp.
Electrical Windings, Inc.
Electroical Windings, Inc.
Electroical Windings, Inc.
Electroical Windings, Inc.
Electroical Windings, Inc.
Electroic Engrq. Works
Electronic Transformer Co., Inc.
Goslin Electric & Mig. Co.
Gullon Industries, Inc.
Highland Engrq. Co.
\*\*INTERELECTRONICS CORP.
Lenkurt Electric Co., Inc.
Mara Electronics, Inc.
Microtran Co. Inc.
J. J. Monaghan Co., Inc.
Musstom Mig. & Service, Inc.
NYT Electronics, Inc.
National Coil Co.,
New York Coil Co., Inc.
New York Transformer Co., Inc.
Sobrne Electronic Sales Corp.
Ryan Aeronautical Co.
Sangamo Electric Co.
Sangamo Electric Co.
Sangamo Electric Co.
Saratoga Industries
Southwestern Industrial Electronics Co.
Sterling Transformer Corp.
Superex Electronics Corp.
Telectro Industries Corp.
Telectro Electric Development Co., Inc.
Transformers, Inc.
Transformers, Inc.
Transformers, Inc.
Transformers, Inc.
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United Transformer Corp.
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# Fly Back

PACK
Carad Corp.
Celco-Constantine Engrg. Laboratories Co.
Chicago Standard Transformer Corp.
Coil Co. of America
Gulton Industries, Inc.
Mara Electronics, Inc.
J. J. Monaghan Co., Inc.
Osborne Electronic Sales Corp.
Penn-Tran Corp.
Telectro Industries Corp.
Telectro Industries Corp.
Tensor Electric Development Co., Inc.
Terminal Radio Corp.

Topper Mfg. Co., Inc. Triad Transformer Corp. Varo Mfg. Co. Wright Zimmerman, Inc.

# Foil Wound

oil Wound

Ballastran Corp.
Celco-Constantine Engrg. Laboratories Co.
Central Transformer Co.
Contral Transformer Co.
Coil Co. of America
Del Electronics Corp.
Goslin Electric & Mig. Co.
Gulton Industries, Inc.
Highland Engrg. Co.
Johnson Electronics Ins.
J. J. Monaghan Co., Inc.
New York Transformer Co. Inc.
Osborne Electronic Sales Corp.
Sterling Transformer Corp.
Tensor Electric Development Co., Inc.
Terminal Radio Corp.
Topper Mig. Co., Inc.
Transonic, Inc.
United Transformer Corp.
Varo Mig. Co.
Warren Transformer Corp.

# General

Aeme Electric Corp.

Asme Electric Corp.
Ballastran Corp.
Carad Corp.
Celco-Constantine Engrg. Laboratories Co.
Central Coil Co. Inc.
Central Transformer Co.
Chicago Electronic Engrg. Co., Inc.
Chicago Standard Transformer Corp.
Coil Co. of America
Cycle Transformer Corp.
Del Electronics Corp.
Electrical Windings, Inc.
Electric Engrg. Works
Epco Products Inc.
Ferranti Electric Co., Apparatus Sales Div.
General Railway Signal Co.
Green Rectifier Co.
House Coult Co.
Highland Engrg. Co. Hindle Transformer Co. Inc.
A. F. Holden Co. The

\*INTERELECTRONICS CORP.
Lindberg Engrg. Co.
Mara Electronics, Inc.
Microtran Co. Inc.
J. J. Monaghan Co., Inc.
Multi-Amp Corp.
NYT Electronics, Inc.
National Coil Co.
New York Coil Co., Inc.
New York Coil Co., Inc.
New York Transformer Co. Inc.
Osborne Electronic Sales Corp.
Ryan Aeronautical Co.
Saratoga Industries
Southwestern Industrial Electronics Co.
Sterling Transformer Corp.
Telectro Industries Corp.
Telectro Industries Corp.
Telectro Industries Corp.
Transformers, Inc.
Transonic, Inc.
Transonic, Inc.
Tresco. Inc.
United Transformer Corp.
Varo Mfg. Co.
Vibration Research Labs., Inc.
Warren Transformer Corp., Sub.—Sperry Rand
Corp.

# High Voltage Power Supply

Airtron, Inc.

Ballastran Corp.
Bogue Electric Mfg. Co.
Carad Corp.
Celco-Constantine Engrg. Laboratories Co.
Chicago Standard Transformer Corp.
Coil Co. of America
Cycle Transformer Corp.
Del Electronics Corp.
ECS Corp.
Eisler Engrg. Co., Inc.
Electro Engrg. Works
Electronic Transformer Co., Inc.
Epco Products Inc.
Epco Products Inc.
Epca Products Inc.
Eugle-Miller Labs Inc.
General Electric Co., Apparatus Sales Div.
Green Rectifier Co.
Green Rectifier Co.
Gulton Industries, Inc. Green Rectifier Co.
Gulton Industries, Inc.
Hevi-Duty Electric Co.
Highland Engrg. Co.
Hindle Transformer Co. Inc.
\*INTERELECTRONICS CORP.
Laboratory for Electronics, Inc.
Lavoie Labs., Inc.
Microtran Co. Inc.
J. W. Miller Co.

J. J. Monaghan Co., Inc.
Multi-Amp Corp.
Musison Mfg. & Service, Inc.
NYT Electronics, Inc.
New York Transformer Co. Inc.
Osborne Electronic Sales Copr.
Peschel Electronics, Inc.
Ryan Aeronautical Co.
Sangamo Electric Co.
Saratoga Industries
Standard Transformer Co.
Southwest Industrial Electronics Co.
Telectro Industries Corp.
Tensor Electric Development Co., Inc.
Terminal Radio Corp.
Transformers, Inc.
Transformers, Inc.
Trasson, Inc.
Tresco, Inc.
Triad Transformer Corp.
United Transformer Corp.
Varo Mfg. Co.
Vibration Research Labs., Inc.
Waren Transformer Co., Inc.
Waren Transformer Corp.
Sub.—Sperry Rand
Corp.

# Instrument

Instrument

Advance Industries, Inc.
Associated Research, Inc.
Ballastran Corp.
Carad Corp.
Carad Corp.
Celco-Constantine Engrg. Laboratories Co.
Coil Co. of America
Cycle Transformer Corp.
Davenport Mfg. Co.
Del Electronics Corp.
Electrical Windings, Inc.
Electro Engrg. Works
Electronics Corp. of America
Electrosolids Corp.
Fugle-Miller Labs Inc.
General Electric Co., Apparatus Sales Div.
Gulton Industries, Inc.
Hevi-Duty Electric Co.
HINTERLECTRONICS CORP.
Johnson Electronics Inc.
Laboratory for Electronics, Inc.
Magnetico, Inc.
Microtran Co. Inc.
J. J. Monaghan Co., Inc.
NYT Electronics Inc.
National Coil Co.
New York Transformer Co. Inc.
Osborne Electronic Sales Corp.
Quick Charge Corp.
Ryan Aeronautical Co.
Sangame Electric Co.
Sangame Electric Co.
Sangame Electric Co.
Sangame Electric Co.
Telectro Industries
Southwestern Industrial Electronics Co.
Telectro Industries Corp.
Transformers, Inc.
Transformers, Inc.
Transformers, Inc.
Transformers, Inc.
Transformer, Inc.
Transformer Corp.
Varo Mfg. Co.
Waren Transformer Corp.
Varo Mfg. Co.
Westinner Corp.
Wheeler Electronic Corp., Sub.—Sperry Rand
Corp.

# Intermediate Frequency

Intermediate Frequency

Advance Industries, Inc.
Amelco, Inc.
Sallastran Corp.
Carad Corp.
Central Coil Co. Inc.
Coil Co. of America
Electronic Transformer Co., Inc.
Fugle-Miller Labs Inc.
Goslin Electric & Mfg. Co.
Gulton Industries, Inc.
\*\*INTERLECTRONICS CORP.
Johnson Electronics Inc.
Laboratory for Electronics, Inc.
Laboratory for Electronics, Inc.
Laboratory for Electronics, Inc.
O. J. J. Monaghan Co., Inc.
National Coil Co.
North Hills Electric Co., Inc.
National Coil Co.
North Hills Electric Co., Inc.
National Coil Co.
Cobsorne Electronics Sales Corp.
Radio Industries, Inc.
Redman Electronics Corp.
Redman Electronics Corp.
Telectro Industrial Electronics Co.
Southwestern Industrial Electronics Co.
Superex Electronics Corp.
Telectro Industries Corp.
Telectro Industries Corp.
Telectro Industries Corp.
Telectronic Inc.
\*Western Transformer Co., Inc.

# Miniature

Acme Electric Corp.

Advance Industries, Inc.
Adirtron, Inc.
Ballastran Corp.
Carad Corp.
Carad Corp.
Celco-Constantine Engrg, Laboratories Co.
Central Coil Co. Inc.
Contral Transformer Co.
Chicago Standard Transformer Corp.
Coil Co. of America
Cycle Transformer Corp.
Del Electronics Corp.
Electro Engrg, Works
Electronic Transformer Co., Inc.
Electro Engrg, Works
Electronic Transformer Co., Inc.
Electronics Corp. of America
Ferranti Electric Inc.
Fugle-Miller Labs Inc.
Goslin Electric & Mfg. Co.
Guided Missile Div.-De Havilland Aircraft of
Canada, Ltd.
Gulton Industries, Inc.
Hevi-Duty Electric Co.
Highland Engrg. Co.
\*\*INTERLEECTRONICS CORP.
Johnson Electronics Inc.
Laboratory for Electronics, Inc.
Leakurt Electric Co., Inc.
Magnetico, Inc.
Magnetico, Inc.
Magnetico, Inc.
National Coil Co.
New York Transformer Co., Inc.
North Hills Electric Co., Inc.
North Hills Electric Co., Inc.
Osborne Electronics Seles Corp.
Pulse Engrg. Inc.
Ryan Aeronautical Co.
Saratoga Industries
Southwestern Industrial Electronics Co.
Sterling Transformer Corp.
Superex Electronic Corp.
Telectro Industries Corp.
Tensor Electric Co., Inc.
Transonic, Inc.
Transformer, Inc.
Transformer, Co., Inc.
Transformer Corp.
United Transformer Corp.
United Transformer Corp.
United Transformer Corp.
United Transformer Corp.
Varo Mfg. Co.
Vibration Research Labs., Inc.
Warren Transformer Corp.
Wheeler Electronic Corp., Sub.—Sperry Rand
Corp.

# Output

Acro Products Co.
Advance Industries, Inc.
Adritron, Inc.
Sallastran Corp.
Bogue Electric Mfg., Co.
Carad Corp.
Card Corp.
Celco-Constantine Engrg, Laboratories Co.
Central Coil Co. Inc.
Central Coil Co. Inc.
Central Transformer Co.
Cicago Standard Transformer Corp.
Coil Co. of America
Cycle Transformer Corp.
Del Electronics Corp.
Electro Engrg, Works
Electronics Transformer Co., Inc.
Epro Products Inc.
Epro Products Inc.
Epro Products Inc.
Ferranti Electric Inc.
Goslin Electric & Mfg. Co.
Guided Missile Div.-De Havilland Aircraft of
Canada, Ltd.
Gulton Industries, Inc.
Hevi-Duy Electric Co.
Highland Engrg. Co.
Hindle Transformer Co., Inc.
\*\*INTERELECTRONICS CORP.
Laboratory for Electronics, Inc.
Magnetico, Inc.
Magnetico, Inc.
Magnetico, Inc.
Multi-Amp Corp.
Munston Mfg. & Service, Inc.
National Coil Co., Inc.
New York Coil Co., Inc.
Transformer Ecorp.
Transformers, Inc.
Transformer, Inc.
Transformer Corp.
United Transformer Cop.
Uni

# Power

Acro Products Corp.
Acro Products Co.
Advance Industries, Inc.
Airtron, Inc.
Ballastran Corp.
Bogue Electric Mfg. Co.
Celco-Constantine Engrg, Laboratories Co.
Central Coil Co. Inc.
Central Coil Co. Inc.
Central Transformer Co.
Chicago Standard Transformer Corp.
Coil Co. of America
Cycle Transformer Corp.
Bet Electronics Corp.
Eisler Engrg. Co., Inc.
Electro Engrg. Works
Electronic Transformer Co., Inc.
Electro Engrg. Works
Electronic Transformer Co., Inc.
Epco Products Inc.
Ferranti Electric Inc.
General Railway Signal Co.
Goslin Electric & Mfg. Co.
Green Rectifier Co.
Gulton Industries, Inc.
Hevi-Duty Electric Co.
Hingland Engrg. Co.
Hindle Transformer Co, Inc.
Wagnetico, Inc.
Magnetico, Inc.
Magnetico, Inc.
Magnetico, Inc.
Magnetico, Inc.
Multi-Amp Corp.
Munston Mfg. & Service, Inc.
NYT Electronics, Inc.
Nyt Inc.
New York Coil Co., Inc.
New York Transformer Co. Inc.
Oborne Electronic Sales Corp.
Ran Aenoautical Co.
Saratoga Industries
Southwestern Industrial Electronics Co.
Superior Electric Co., The
Telectronic Development Co., Inc.
Iransonic, Inc.
Transonic, Inc.
Transonic Transformer Co., Inc.
Westing House Electronic Corp., Sub. Sperry Rand
Corp.

# Precision Voltage Dividing

Precision Voltage Dividing

Airtron, Inc.
Carad Corp.
Calco-Constantine Engrg. Laboratories Co.
Central Transformer Co.
Coil Co. of America
Cycle Transformer Corp.
Del Electronics Corp.
Gersch Products Inc.
Goslin Electric & Mfg. Co.
Gulton Industries, Inc.
\*INTERELECTRONICS CORP.
Laboratory for Electronics, Inc.
Microtran Co. Inc.
J. J Monaghan Co., Inc.
New York Transformer Co. Inc.
Osborne Electronic Sales Corp.
Quick Charge Corp.
Ryan Aeronautical Co.
Saratoga Industries
Southwestern Industrial Electronics Co.
Telectro Industries Corp.
Transformers, Inc.
Transformers, Inc.
Transformers, Inc.
United Transformer Corp.
Varo Mfg. Corp.
Warren Transformer Corp.
Rand
Corp.

# Pulse

Acme Electric Corp.
Acro Products Co.
Advance Industries, Inc.
Aitron, Inc.
Alto Scientific Co., Inc.
Ballastran Corp.
Carad Corp.
Carad Corp.
Celco-Constantine Engrg. Laboratories Co.
Chicago Standard Transformer Corp.
Cycle Transformer Corp.
Digitronics Corp.
ECS Corp.
ECS Corp.
Eisler Engrg. Co., Inc.
Electronic Transformer Co., Inc.
Electronic Transformer Co., Inc.
Filtron Co., Inc.
Filtron Co., Inc.
Filtron Co., Inc.
Goslin Electric & Mig. Co.

# ... tracking & telemetering

Gulton Industries, Inc.
Havi-Duty Electric Co.
Johnson Electronics, Inc.
Laboratory for Electronics, Inc.
Lavoie Labs., Inc.
Microtran Co. Inc.
J. J. Monaghan Co., Inc.
NYT Electronics, Inc.
New York Transformer Co. Inc.
Orbitran Co., Inc.
Osborne Electronic Sales Corp.
Pulse Engra, Inc. Orbitran Co., Inc.
Osborne Electronic Sales Corp.
Pulse Engrg., Inc.
Ryan Aeronautical Co.
Saratoga Industries Co.
Technitrol Engrg. Co.
Telectro Industries Corp.
Tensor Electric Development Co., Inc.
Terminal Radio Corp.
Transformers, Inc.
Transformer, Inc.
Transformer Corp.
United Transformer Corp.
United Transformer Corp.
United Transformer Corp.
Waren firansformer Corp.
Waren Transformer Corp.
Weestinghouse Electric Corp.
Wheeler Electronic Corp., Sub.—Sparry Rand
Corp. Corp. Wright Zimmerman, Inc.

# r-f & i-f

Airtron, Inc.
Carad Corp.
Fugle-Miller Labs Inc.
Goslin Electric & Mig. Co.
Gulton Industries, Inc.
Johnson Electronics Inc.
J. W. Miller Co.
J. J. Monaghan Co., Inc.
NYT Electronics, Inc.
National Coil Co.
North Hills Electric Co., Inc.
Osborne Electronic Sales Corp.
Redman Electronics Corp.
Ryan Aeronautical Co.
Sioux Radio Products
Southwestern Industrial Electronics Co.
Superex Electronics Corp.
Terminal Radio Corp.
Termi

# Ultrasonic

Ultrasonic

Acoustica Associates, Inc.
Acro Products Co.
Ballastran Corp.
Celco-Constantine Engrg. Laboratories Co.
Central Transformer Co.
Cycle Transformer Corp.
Electronic Transformer Co., Inc.
Epco Products Inc.
Ferranti Electric Inc.
Goslin Electric & Mig. Co.
Gulton Industries, Inc.
\*INTERELECTRONICS CORP.
McKenna Labs.
J. J. Monaghan Co., Inc.
NYT Electronics, Inc.
NYT Electronics, Inc.
NYT Electronics Corp., The
New York Transformer Co., Inc.
North Hills Electric Co., Inc.
North Hills Electric Co., Inc.
Osborne Electronic Sales Corp.
Ryan Aeronautical Co.
Southwestern Industrial Electronics Co.
Ielectro Industries Corp.
Iensor Electric Development Co., Inc.
Transformers, Inc.
Transformers, Inc.
Transformers, Inc.
Transformers, Inc.
Transformer Corp.
Varo Mig. Co.
Warren Transformer Co., Inc.

# **TRANSCEIVERS**

Aeronautical Electronics, Inc.
American Electronics, Inc.
Bendix Aviation Corp., York Div.
Collins Radio Co.
General Railway Signal Co.
Haller Raymond & Brown Inc.
Lear, Inc.
Magnavox Co., The
Motorola Inc., Military Marketing Div.
Munston Mfg. & Service, Inc.
Production Research Corp.
\*\*RESEARCH & ADVANCED DEVELOPMENT DIV.,
AVCO MFG. CORP.
Seeburg Corp.. The
Simmonds Aerocessories, Inc.
Stewart-Warner Corp.
Stromberg-Carlson, Electronics Div. Aeronautical Electronics, Inc.

Telectro Industries Corp. Terminal Radio Corp. Varo Mfg. Co. Warren Transformer Co., Inc. Westronics Inc. Wunderlich Radio Co.

# TRANSISTOR ANALYZERS

RANSISIOK ANALIZEI
American Electronics, Inc.
Baird-Atomic, Inc.
Alfred W. Barber Labs.
Barnes Development Co.
Consolidated Avionics Corp.
Haller Raymond & Brown Inc.
Kay Electric Co.
Owen Labs., Inc.
Ryan Aeronautical Co.
Telectro Industries Corp.
Terminal Radio Corp.
Ultradvne. Inc. Ultradyne, Inc.

# **TRANSISTORS**

Bendix Aviation Corp., Red Bank Div. Bogue Electric Mfg. Co. CBS-Hytron, Div.-Columbia Broadcasting System, Inc.
Clevite Transistor Products, Div.-Clevite Corp.
General Transistor Corp.
Haller Raymond & Brown Inc.
R. I. Metpro, Inc.
Motorola Inc., Military Marketing Div.
Philco Corp., Government & Industrial Divs.
Philco Corp., Lansdale Tube Co. Div.
Terminal Radio Corp.

# Junction

CBS-Hytron, Div.-Columbia Broadcasting System, CBS-Hyrron, DIV.-Columbia aroaccasting System Inc.
Clevite Transistor Products, Div.-Clevite Corp.
General Transistor Corp.
Motorola Inc., Military Marketing Div.
Motorola Semiconductor Products Div.
Philco Corp., Government & Industrial Divs.
Philco Corp., Lansdale Tube Co. Div.
Terminal Radio Corp.

# Photo

Clevite Transistor Products, Div.-Clevite Corp. General Transistor Corp. Terminal Radio Corp.

# Point-Contact

CBS-Hytron, Div.—Columbia Broadcasting System, Inc.
Philco Corp., Government & Industrial Divs.
Terminal Radio Corp.

Boque Electric Mfg. Co.
CBS-Hytron, Div.—Columbia Broadcasting System, Inc.
Gates Electronic Co.
Motorola Inc., Military Marketing Div.
Motorola Semiconductor Products Div.
Philico Corp., Government & Industrial Divs.
Philico Corp., Lansdale Tube Co. Div.
Terminal Radio Corp.
\*WESTINGHOUSE ELECTRIC CORP.

# Selenium

Motorola Inc., Military Marketing Div. Terminal Radio Corp.

# Surface Barrier

Philoo Corp., Government & Industrial Divs. Philoo Corp., Lansdale Tube Co. Div. Terminal Radio Corp.

# Switching

Bendix Aviation Corp., Red Bank Div.
CBS-Hytron, Div.—Columbia Broadcasting System, Inc.
General Transistor Corp.
Helipot Corp.
Motorola Inc., Milifary Marketing Div.
Motorola Semiconductor Products Div.
Philco Corp., Government & Industrial Divs.
Philco Corp., Lansdale Tube Co. Div.
Terminal Radio Corp.

# Tetrode

Terminal Radio Corp.
\*WESTINGHOUSE ELECTRIC CORP.

# TRANSMITTERS

Acoustica Associates, Inc.
Advance Industries, Inc.
Aircraft Armaments, Inc.
Amelco, Inc.
Collins Radio Co.
Communications Co.
Cubic Corp.
Du Kane Corp.
Electronic Communications, Inc.
Electronic Development Co., Inc.

General Electronic Labs., Inc.
General Railway Signal Co.
Haller Raymond & Brown Inc.
Hazeltine Electronics Div.-Hazeltine Corp.
E. F. Johnson Co.
Lane Electronics Mig. Corp.
Manson Laborafories, Inc.
Motorola Inc., Military Marketing Div.
Munston Mig. & Service, Inc.
National Electronics Laboratories, Inc.
Pacific Div.-Bendix Aviation Corp.
Ralph M. Parsons Co., The, Electronics Div.
RRADIATION, INC.
Reeves Instrument Corp., Guided Missile Div.
Resdel Engrg., Corp.
Ryan Aeronautical Co.
Sarkes Tarzian, Inc.
Seeburg Corp., The
Skiatron Electronics & Television Corp.
Stavid Engrg., Inc.
Stromberg-Carlson, Electronics Div.
Stylvania Electronic Systems, Div.-Sylvania Electronic Inc.
Telechrome Mig. Corp.
Telectro Industries Corp.
\*\*TELE-DYNAMICS INC.
Terminal Radio Corp.
\*\*WESTINGHOUSE ELECTRIC CORP.
Wunderlich Radio Co.

TRANSPONDERS

# **TRANSPONDERS**

RANSPONDERS

Advance Industries, Inc.
Aircraft Armaments, Inc.
American Research & Mfg. Corp.
Bendix Aviation Corp., York Div.
Cubic Corp.
Haller Raymond & Brown Inc.
Hazeltine Electronics Div.-Hazeltine Corp.
Hoover Electronics Div.-Hazeltine Corp.
Resdel Engra. Corp.
Skiatron Electronics & Television Corp.
Resdel Engra. Corp.
Skiatron Electronics & Television Corp.
Telectro Industries Corp.
Terminal Radio Corp.
Westronics Inc.

# TRAPS, WAVE

Telectro Industries Corp.

# TUBE COOLING UNITS

Terminal Radio Corp.
\*UNITED AIRCRAFT PRODUCTS, INC.

# TUBE PARTS

Beaton & Corbin Mfg. Co., The Gasket, Packing & Specialty Co. Inc. Hamilton Watch Co., Military Products Div. Lancaster Glass Corp. R. I. Metpro, Inc. Sylvania Electric Products Inc., Parts Div. Terminal Radio Corp.

# TUBES

Burroughs Corp. CBS-Hytron, Div.-Columbia Broadcasting System, CBS-Hytron, Div.-Columbia Broadcasting System, Inc.
Central Electronic Mfgrs., Inc.
Farnsworth Electronics Co., Div.-Int'l Telephone
& Telegraph Corp.
Nuclear Corp. of America, Inc.
Philco Corp., Lansdale Tube Co. Div.
Polarad Electronics Corp.
Sanders Associates, Inc.
Terminal Radio Corp.
United Electronics Co.

Bomac Laboratories, Inc. Central Electronic Mfgrs., Inc. Gates Electronic Co. Nuclear Corp. of America, Inc. Terminal Radio Corp.

# Backward Wave

Bendix Aviation Corp., Red Bank Div. Demornay-Bonardi Geisler Labs. Huggins Labs., Inc. Polarad Electronics Corp. Terminal Radio Corp. Wunderlich Radio Co.

# Ballast

Gafes Electronic Co. Philco Corp., Lansdale Tube Co. Div. Terminal Radio Corp.

# Battery Charger

Christie Electric Corp. General Electric Co., Apparatus Sales Div. Gordos Corp. Sel-Rex Corp. Terminal Radio Corp.

# Bolometer

Microwave Electronics Div., Sperry Gyroscope Co. Terminal Radio Corp.

# Cathode Ray Instrument Use

Barker Sales Co.
Edgerton, Germeshausen & Grier, Inc., Edgerton, Germeshausen & Grier, Inc., Farnsworth Electronics Co., Div.-Int'l Telaphone & Telegraph Corp.
National Union Electric Corp.
Philico Corps., Government & Industrial Divs.
Philico Corps., Lansdale Tube Co. Div.
Skiatron Electronics & Television Corp.
Terminal Radio Corp.
Vacuum Tube Products Co. Inc.
\*WESTINGHOUSE ELECTRIC CORP.

Cathode Ray, Multiple Gun

CBS-Hytron, Div.-Columbia Broadcasting System, CBS-Hytron, Div.-Columbia broadcasting system, Inc.
Du-Co Ceramics Co.,
Farnsworth Electronics Co., Div.-Int'l Telephone & Telegraph Corp.
National Union Electric Corp.
Skiatron Electronics & Television Corp.
Terminal Radio Corp.
Vacuum Tube Products Co., Inc.
\*WESTINGHOUSE ELECTRIC CORP.

# Ceramic

American Lava Corp.

Bendix Aviation Corp., Red Bank Div.

Edgerton, Germeshausen & Grier, Inc.

Eitel-McCullough, Inc.

Electric Refractories Co., The

Geisler Labs.

Isolantite Mg. Corp.

Terminal Radio Corp.

Computer, Storage

Farnsworth Electronics Co., Div.-Int'l Telephone & Telegraph Corp.
Skiatron Electronics & Television Corp.
Terminal Radio Corp.

# Counter Beam

Burroughs Corp.
Burroughs Corp., Electronic Tube Div.
Terminal Radio Corp.

# Electrometer

Barker Sales Co. Terminal Radio Corp.

Electron Multiplier

Farnsworth Electronics Co., Div.-Int'l Telephone & Telegraph Corp. National Union Electric Corp. Terminal Radio Corp.

Gamma Ray, Nuclear

\*ANTON ELECTRONIC LABS., INC.

ANION ELECTRONIC LABS., INC.
Baird-Atomic, Inc.
Farnsworth Electronics Co., Div.-Int'l Telephone
& Telegraph Corp.
Nuclear Corp. of America, Inc.
Radiation Counter Labs., Inc.
Terminal Radio Corp.

Geiger Counter, Nuclear

\*ANTON ELECTRONIC LABS., INC.
Baird-Atomic Inc.
Nuclear Corp. of America, Inc.
Radiation Counter Labs., Inc.
Terminal Radio Corp.

Geiger Mueller

\*ANTON ELECTRONICS LABS., INC.
Baird-Atomic Inc.
Instruments Div.-Philips Electronics, Inc.
Nuclear Corp. of America, Inc.
Radiation Counter Labs., Inc.
Terminal Radio Corp.

# Glow or Discharge

Amglo Corp.
\*ANTON ELECTRONIC LABS., INC.
Baird-Atomic, Inc.
Burroughs Corp., Electronic Tube Div.
Edgerton, Germeshausen & Grier, Inc.
Gordos Corp.
Kemlite Laboratories, Inc.
National Union Electric Corp.
Nuclear Corp. of America, Inc.
Philco Corp., Lansdale Tube Co. Div.
Signalite Inc.
Terminal Radio Corp.
Veeco Vacuum Corp.

# Ignitron

Beaton & Corbin Mfg. Co., The Terminal Radio Corp. Westinghouse Electric Corp.

# Infrared

Central Electronic Mfgrs., Inc.
Farnsworth Electronics Co., Div.-Int'l Telephone
& Telegraph Corp.
Infrared Industries Inc.
Kemlite Laboratories, Inc.
Mackay Research Labs.
Nuclear Corp. of America, Inc.
Philico Corp., Government & Industrial Divs.
Terminal Radio Corp.

## Ionization

Amglo Corp.
Central Electronic Mfgrs., Inc.
Geisler Labs.
Green Recitifer Co.
NRC Equipment Corp.
Nuclear Corp. of America, Inc.
Radiation Counter Labs., Inc.
Terminal Radio Corp.
Vacuum Tube Products Co. Inc.
Veeco Vacuum Corp.

Klystron

Bendix Aviation Corp., Red Bank Div.
Bomac Laboratories, Inc.
Demornay-Bonardi
Eitel-McCullough, Inc.
Geisler Labs.
Polarad Electronics Corp.
Ryan Aeronautical Co.
Terminal Radio Corp.

# Magnetron

Bomac Laboratories, Inc. Demornay-Bonardi Mackay Research Labs. Polarad Electronics Corp. Terminal Radio Corp. Westinghouse Electric Corp.

# Miniature

CBS-Hytron, Div.-Columbia Broadcasting System, Inc.
National Union Electric Corp.
National Union Electric Corp.
Philco Corp., Government & Industrial Divs.
Philco Corp., Lansdale Tube Co. Div.
Terminal Radio Corp.

# Noise Source

Bomac Laboratories, Inc.
Burroughs Corp.,
Burroughs Corp., Electronic Tube Div.
Central Electronic Mfgrs., Inc.
Demornay-Bonardi
Geisler Labs.
Nuclear Corp. of America, Inc.
Philico Corp., Lansdale Tube Co. Div.
Terminal Radio Corp.

# Phototubes

Central Electronic Mfgrs., Inc. Edgerton, Germeshausen & Grier, Inc. Electron-Radar Products Farnsworth Electronics Co., Div. Int'l Telephone Farnsworth Electronics Co., Div. Int'! Telepho & Telegraph Corp. General Electric Co., Apparatus Sales Div. Gordos Corp. Mackay Research Labs. Nuclear Corp. of America, Inc. Philco Corp., Government & Industrial Divs. Terminal Radio Corp.

Phototubes, Multiplier

Farnsworth Electronics Co., Div.-Int'l Telephone & Telephone Corp. Mackay Research Labs. Terminal Radio Corp.

# Pirani

NRC Equipment Corp.
Terminal Radio Corp.
Vacuum Tube Products Co., Inc.
Veeco Vacuum Corp.

Power Amplifier

Bendix Aviation Corp., Red Bank Div. CBS-Hytron, Div.-Columbia Broadcasting System, Inc.
Central Electronic Mfgrs., Inc.
Eitel-McCullough, Inc.
National Union Electric Corp.
Nuclear Corp. of America, Inc.
Penta Labs., Inc.
Penta Labs., Inc.
Philico Corp., Lansdale Tube Co. Div.
Terminal Radio Corp.
United Electronics Co.
Westinghouse Electric Corp.



# . . . tracking & telemetering

# Projection

Farnsworth Electronics Co., Div.-Int'l Telephone & Telelgraph Corp. National Union Electric Corp. Skiatron Electronics & Television Corp. Terminal Radio Corp.

Bendix Aviation Corp., Red Bank Div. CBS-Hytron, Div.-Columbia Broadcasting System, Inc.
Edgerton, Germeshausen & Grier, Inc.
Eitel-McCullough, Inc.
National Union Electric Corp.
Philico Corp., Government & Industrial Divs.
Philco Corp., Lansdale Tube Co. Div.
Terminal Radio Corp.
Westinghouse Electric Corp.

# Rectifying, Gas Filled Type

Rectitying, Gas Filled Type
Bendix Aviation Corp., Red Bank Div.
Edgerton, Germeshausen & Grier, Inc.
Eitiel-McCullough, Inc.
Gerdos Corp.
Philico Corp., Government & Industrial Divs.
Philico Corp., Lansdale Tube Co. Div.
Terminal Radio Corp.
United Electronics Co.
Vacuum Tube Products Co. Inc.
Westinghouse Electric Corp.

# Rectifying, Transmitting

CBS-Hytron, Div.-Columbia Broadcasting System, Inc.
Central Electronic Mfgrs., Inc.
Eitel-McCullough, Inc.
National Union Electric Corp.
Nuclear Corp. of America, Interminal Radio Corp.
United Electronics Co.

# Rectifying, Vacuum Type

Bendix Aviation Corp., Red Bank Div. CBS-Hytron, Div.-Columbia Broadcasting System, ČBS-Hytron, Div.-Columbia Broadcasting Syste Inc.
Central Electronic Mfgrs, Inc.
Eitel-McCullough Inc.
National Union Electric Corp.
Nuclear Corp. of America, Inc.
Philco Corp., Government & Industrial Divs.
Philco Corp., Lansdale Tube Co. Div.
Terminal Radio Corp.
United Electronics Co.
Vacuum Tube Products Co. Inc.
Westinghouse Electric Corp.

# Scintillation

Baird-Atomic, Inc.
Farnsworth Electronics Co., Div.-Int'l Telephone
& Telegraph Corp.
Nuclear Corp. of America, Inc.
Radiation Counter Labs., Inc.
Terminal Radio Corp.

# Scintillation, Nuclear

Baird Atomic, Inc. Nuclear Corp. of America, Inc. Radiation Counter Labs., Inc. Terminal Radio Corp. Westinghouse Electric Corp.

Bendix Aviation Corp., Red Bank Div. Edgerton, Germeshausen & Grier, Inc. Kemlite Laboratories, Inc. Terminal Radio Corp.

# Strobe

Amglo Corp. Edgerton, Germeshausen & Grier, Inc. Kemlite Laboratories, Inc. Terminal Radio Corp.

# Subminiature

Philco Corp., Government & Industrial Divs. Philco Corp., Lansdale Tube Co. Div. Terminal Radio Corp.

# Switching

Bendix Aviation Corp., Red Bank Div. Burroughs Corp. Burroughs Corp., Electronic Tube Div. Central Electronic Mfgrs., Inc. Edgerton, Germeshausen & Grier, Inc. Etiel-McCullough Inc. National Union Electric Corp.

Nuclear Corp. of America, Inc. Terminal Radio Corp. United Electronics Co.

# Thyratron

Edgerton, Germeshausen & Grier, Inc.
Eirel-McCullough, Inc.
Mackay Research Labs.
Penta Labs, Inc.
Philoc Corp., Government & Industrial Divs.
Philoc Corp., Lansdale Tube Co. Div.
Terminal Radio Corp.
Vacuum Tube Products Co. Inc.

Bomac Laboratories, Inc. Central Electronic Mfgrs., Inc. Nuclear Corp. of America, Inc. Terminal Radio Corp.

# Transducer

Terminal Radio Corp.

# Transmitting

CBS-Hytron, Div.-Columbia Broadcasting System, Inc.
Central Electronic Migrs., Inc.
Eitel-McCullough, Inc.
National Union Electric Corp.
Nuclear Corp. of America, Inc.
Penta Labs, Inc.
Ryan Aeronautical Co.
Terminal Radio Corp.
United Electronic Co.
Westinghouse Electric Corp.
Wunderlich Radio Co.

# Transmitting-Receiving

CBS-Hytron, Div.-Columbia Broadcasting System, Inc.
Terminal Radio Corp.
United Electronics Co.
\*WESTINGHOUSE ELECTRIC CORP.

# Traveling Wave

Bendix Aviation Corp., Red Bank Div.
Bomac Laboratories, Inc.
Demornay-Bonardi
Edgerton, Germeshausen & Grier, Inc.
Eitel-McCullough, Inc.
Geisler Labs.
Huggins Labs., Inc.
Terminal Radio Corp.
United Electronics Co.

# Ultra-Violet

Gordos Corp. Kemlite Laboratories, Inc. Menlo Research Lab. Terminal Radio Corp. Ultra-Violet Products, Inc.

# Vacuum

Vacuum

Burroughs Corp., Electronic Tube Div. Central Electronic Mfgrs., Inc. Eitel-McCullough, Inc. Mackay Research Labs. National Union Electric Corp. Nuclear Corp. of America, Inc. Penta Labs, Inc. Philco Corp., Lansdale Tube Co. Div. Terminal Radio Corp. United Electronics Co. Vacuum Tube Products Co. Inc. Westinghouse Electric Corp.

# Voltage Reference or Regulating

\*\*ANTON ELECTRONIC LABS., INC.

CBS-Hytron, Div.-Columbia Broadcasting System, Inc.

R. C. Dudek & Co.

National Union Electric Corp.

Philoc Corp., Lansdale Tube Co. Div.

Signalite Inc.

Superior Electric Co., The

Terminal Radio Corp.

# X-Ray

Bracke-Seib X-Ray Co., Inc.
Instruments Div.-Philips Electronics, Inc.
Mackay Research Labs.
Terminal Radio Corp.
Westinghouse Electric Corp.

# TUBING, WAVEGUIDE

Aircom Inc. Airtron, Inc. Allied Research & Engrg., Div. Allied Record Mfg. Co.
American Brass Co., The
Bendix Aviation Corp., York Div.
Chase Brass & Copper Co., Inc.

Continental Diamond Fibre Corp., Sub., 1988
Budd Co.
Co-Operative Industries, Inc., Demornay-Bonardi.
Engelhard Industries Inc., D. E. Makepeace Div.
J.V-M Microwave Co.
La Pointe Industries Inc., Leach & Garner Co., Industrial Div.
Metals & Controls Corp., Standard Metals Corp.
Standard Metals Corp.
Superior Tube Co.,
Technical Oil Tool Corp.
\*\*FELERAD MFG. CORP.
Tube Methods Inc.
Waveguide, Inc.
Waveguide, Inc. Continental Diamond Fibre Corp., Sub,-The

# **TUNERS**

Amelco, Inc.
Bogart Mfg. Corp.
Browning Laboratories, Inc.
Diamond Antenna & Microwave Corp.
Electronic Communications, Inc.
P. R. Mallory & Co. Inc.
Narda Microwave Corp., The
Radio Condenser Co.
Terminal Radio Corp.

# Automatic

Amelco, Inc.
Canoga Corp. of California
Electronic Communications, Inc.
P. R. Mallory & Co. Inc.
Polarad Electronics Corp.
Telectro Industries Corp.
Terminal Radio Corp.

Amelco, Inc.
Browning Laboratories, Inc.
P. R. Mallory & Co. Inc.
J. W. Miller Co.
Philico Corp., Government & Industrial Divs.
Polarad Electronics Corp.
Radio Condenser Co.
Herman Hosmer Scott, Inc.
Telechrome Mfg. Corp.
Telectro Industries Corp.
\*\*TELE-DYNAMICS INC.
Terminal Radio Corp.

# f-m & a-m

Amelco, Inc.
Blonder-Tongue Labs., Inc.
Browning Laboratories, Inc.
Philco Corp., Government & Industrial Divs.
Polarad Electronics Corp.
Radio Condenser Co.
Herman Hosmer Scott, Inc.
Telectro Industries Corp.
Terminal Radio Corp.

# Klystron

Aircom Inc.
Bendix Aviation Corp., York Div.
Demornay-Bonardi
Diamond Antenna & Microwave Corp.
J.V-M Microwave Co.
Polarad Electronics Corp.
Radar Design Corp.
Ryan Aeronautical Co.
Technical Oil Tool Corp.
Telectro Industries Corp.
Terminal Radio Corp.

# Microwave

Aircom Inc.
Airtron, Inc.
Amelco, Inc.
Bendix Aviation Corp., York Div.
Bogart Mfg. Corp.
Canoga Corp. of California
\*\*DALMO VICTOR CO., DIV.-TEXTRON INC.
Demornay-Bonardi
Diamond Antenna & Microwave Corp.
Douglas Microwave Co., Inc.
Electronic Communications, Inc.
John Gombos Co., Inc.
J.-Y.-M Microwave Co.
Microwave Electronics Div., Sperry Gyroscope
Co.
Narda Microwave Corp., The Co.
Narda Microwave Corp., The
Polarad Electronics Corp.
Technical Oil Tool Corp.
Telectro Industries Corp.
Terminal Radio Corp.
Uniwave, Inc.
Waveline, Inc.
Weinschel Engrg.

# Permeability

Amelco, Inc.
Radio Condenser Co.
Telectro Industries Corp.
Terminal Radio Corp.

Aircom Inc. Amelco, Inc.

Blonder-Tongue Labs., Inc.
Canoga Corp. of California
Electronic Communications, Inc.
J.-V.M Mircowave Co.
L. E. L. Inc.
P. R. Mallory & Co. Inc.
Polarad Electronics Corp.
Radar Design Corp.
Sarkes Tarzian, Inc.
Telectro Industries Corp.
Terminal Radio Corp.
Weinschel Engrg.

# TUNING DEVICES, RECEIVER MECHANICAL

MECHAINCAL

Bowmar Instrument Corp.
Canoga Corp. of California
Collins Radio Co.
Haller Raymond & Brown Inc.
Hamilton Watch Co., Military Products Div.
P. R. Mallory Co.
Republic Aviation Corp., Guided Missiles Div.
Suffolk Products Corp.
Technical Oil Tool Corp.
Telectro Industries Corp.
Terminal Radio Corp.

# TUNING DEVICES, TRANSMITTER MECHANICAL

Bowmar Instrument Corp. Canoga Corp. of California Collins Radio Co. Collins Radio Co.
\*\*EASTERN INDUSTRIES, INC.
Hamilton Watch Co., Military Products Div.
P. R. Mallory & Co. Inc.
Republic Aviation Corp., Guided Missile Div.
Suffolk Products Corp.
Technical Oil Tool Corp.
Teletro Industries Corp.
Terminal Radio Corp.

# TUNING UNITS, ANTENNA

Airtron, Inc.
Amelco, Inc.
Bowmar Instrument Corp.
Canoga Corp. of California
Collins Radio Co.
\*\*PALMO VICTOR CO., DIV.-TEXTRON INC.
Diamond Antenna & Microwave Corp.
Haller Raymond & Brown Inc.
E. F. Johnson Co.
Lane Electronics Mfg. Corp.
La Pointe Industries Inc.
Microwave Electronics Div., Sperry Gyroscope
Co.

Technical Appliance Corp.
Technical Oil Tool Corp.
Telectro Industries Corp.
Terminal Radio Corp.

# VIBRATORS, INSTRUMENT PANEL

American Television & Radio Co. Joe Davidson & Associates Talley Corp., The Terminal Radio Corp. Vibration Research Labs., Inc.

# VIBRATORS, MULTIVIBRATORS

American Research & Mfg. Corp.
American Television & Radio Co.
Bendix Aviation Corp., York Div.
Erwood Inc.
Resdel Engrg. Corp.
Southwestern Industrial Electronics Co.
Terminal Radio Corp.
Vibration Research Labs., Inc.

# VIBRATORS, ULTRASONIC

Acoustica Associates, Inc. Southwestern Industrial Electronics Co. Terminal Radio Corp.

# VOLTAGE SUPPLIES, DECADE

Alto Scientific Co., Inc. Bendix Aviation Corp., York Div. Davenport Mfg. Co. Davenport my, Co., Epsco Inc., John Fluke Mfg. Co., Inc., General Electric Co., Apparatus Sales Div., Gerard G. Leeds Co., Inc., \*INTERELECTRONICS CORP. Owen Labs., Inc.
Southwestern Industrial Electronics Co.
Telectro Industrias Corp.
Tel-Instrument Electronics Corp.
Terminal Radio Corp.
Varo Mfg. Co.

# VOLTMETERS

Alto Scientific Co., Inc.
Assembly Products, Inc.
Ballantine Labs., Inc.
Consolidated Electrodynamics Corp.
Davenport Mfg. Co.,
Electric Auto-Lite Co., The
Electric Design & Mfg. Co.
Electro Instruments, Inc.

Electro-Tech Equipment Co.
John Fluke Mfg. Co., Inc.
General Electric Co., Apparatus Sales Div.
Hammett Electric Co.
Helipot Corp.
Kay Electric Co.
Keithley Instruments, Inc.
Gerard G. Leeds Co., Inc.
Marion Electrical Instrument Co.
Meters Inc.
F. L. Moseley Co.
Non-Linear Systems Inc.
On-Linear Systems Inc.
G. V. S. Inc.
Simpson Electric Co.
Southwestern Industrial Electronics Co.
Telectro Industries Corp.
Terminal Radio Corp.
Wacline, Inc.
Waveforms, Inc.
\*WESTINGHOUSE ELECTRIC CORP.

# WAVE TRAPS

J. W. Miller Co. Telectro Industries Corp. Terminal Radio Corp. Tobe Deutschmann Corp. Vanguard Electronics Co.

# WAVEGUIDES

WAYESUDIES
Aircom Inc.
Airton, Inc.
Airton, Inc.
Allied Research & Engrg., Div.-Aliled Record
Wife. Corp.
Cantal Mic. Corp.
Central Electronic Migrs., Inc.
Chemalloy Electronics Corp.
Co-Operative Industries, Inc.
\*PALMO VICTOR CO. DIV.-TEXTRON INC.
Joe Davidson & Associates
Defiance Engrg. & Microwave Corp.
Demorray-Bonardi
Diamond Antenna & Microwave Corp.
Douglas Microwave Co., Inc.
Electro Impulse Lab., Inc.

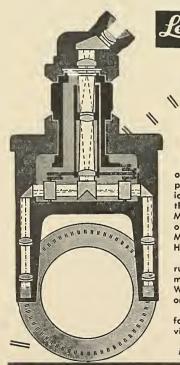
Engelhard Industries Inc., D. E. Makepeace Div. Goodyear Aircraft Corp.
D. S. Kennedy & Co.
La Pointe Industries Inc.
Magnetic Shield Div.-Perfection Mica Co.
Metals & Controls Corp.
Nuclear Corp. of America, Inc.
Omega Labs., Inc.,
Pacific Universal Products Corp.
Radar Design Corp.
Ryan Aeronautical Co.
Servicair Co.
Terminal Radio Corp.
Titeflex, Inc.
Transco Products, Inc.
Uniwaye, Inc. Uniwave, Inc.
Wacline, Inc.
\*WASHINGTON ALUMINUM CO., INC. Waveline, Inc.
Waveguide, Inc.
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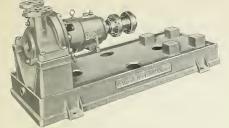
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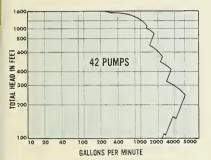
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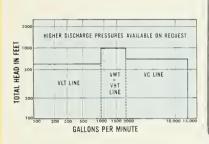
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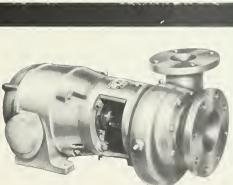
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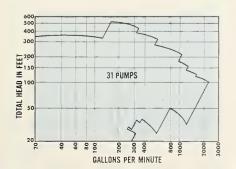
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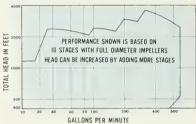
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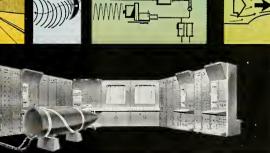
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