

SPACEPORT



NEWS

Volume 2, Number 16

NASA Launch Operations Center, Cape Canaveral, Florida

April 18, 1963

Space Offers Many Varied Riches-Webb

"Our true objective is overall pre-eminence in all aspects of space research and development."

So said NASA Administrator James E. Webb during a national convention of elementary school principals in Oklahoma City.

Webb cited four reasons why he believes it was imperative that the United States undertake a broad national program of space research and development:

"First, the modern rocket engine has given us and other nations for the first time the means to explore and utilize the space medium. Given this ability, and the spectacular achievements already made, American and citizens of other nations assuredly will not remain confined to this planet.

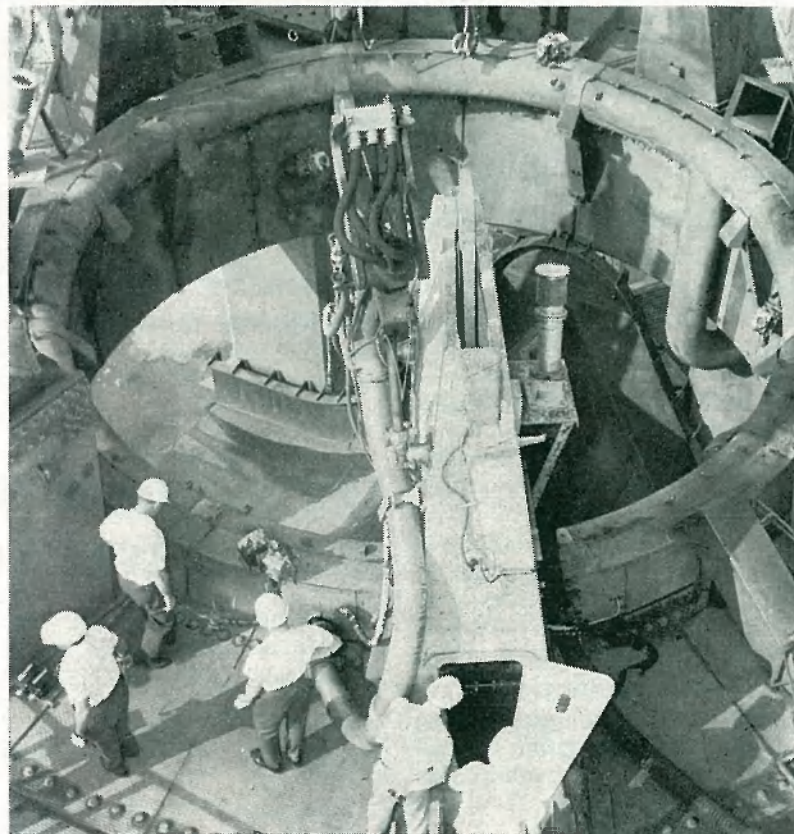
"Secondly," he said, "not only our prestige, but our capacity for constructive international leadership depend upon a superiority in science and technology.

"Our national defense — perhaps even our national survival — demands that we act to insure that no hostile force will be permitted to use space as an unchallenged avenue of aggression against us.

"The fourth and most important of the major reasons," Webb said, "is the fact that the technological applications which flow from it will offer vast returns on our space investment here on earth over many years ahead."

THE INSIDE STORY

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COMPLEX 34 engineers and mechanics examine post-SA-4 launch damage to the area. For the full story on pad rehabilitation, its whys and wherefores, turn to Page 4.

Cape Area May Get Federal Credit Union

Several NASA employees met Monday to sign a charter application for a Cape-based Federal Credit Union.

The application has been submitted to the Bureau of Federal Credit Unions in Washington.

A local branch could be set up 30 days after charter approval.

Idea for the Credit Union was fostered by a small group of local NASA employees who listed convenience of location as a prime reason for a Cape-based branch.

The group has held several exploratory meetings and has drawn up tentative by-laws.

A spokesman said there is more than sufficient interest among NASA organizations, and the idea has been approved by Dr. Kurt Debus,

LOC Director.

If the charter is granted, the Credit Union will be open to all local NASA elements, and to many "permanent" NASA contractors.

Persons desiring further information may call Don Davidson at UL-3-2908.

Noisy Beeps

Vanguard I, which observed its fifth anniversary in orbit recently, is, according to one observer, a "noisy satellite that bugs scientists because it keeps on beeping."

"It was launched on St. Patrick's Day 1958," says Dr. R. F. Muraca of the Stanford Research Institute, "which may account for its volubility."

Secretaries Week Begins Next Monday

NASA women office staffers in the Cape area will observe Secretaries Week beginning Monday.

The event is co-sponsored by the National Secretaries Association (NSA) and the Business Equipment Manufacturers Association.

Begun in 1952, the last full week in April has been, in the words of NSA President Gallinot, "the time set aside for secretaries everywhere to pause and reflect on the never-ending process which has gained secretaryship recognition as a profession."

Wednesday, April 24, will be Secretaries Day — when employers may pay tribute to their secretaries for their services.

On the other days of Secretaries Week, the three Brevard NSA chapters will keep their members busy with a full schedule of community affairs.

Says Yvonne Yantsios, Chairman of Secretaries Week for the Melbourne-Eau Gallie Chapter, "We hope during this week to bring to the attention of our community our continued dedication to the elevation of the secretarial profession in its vital role in business, industry, education, and government."

More White Collars

White-collar employment in private industry was about 39 percent of all employees in 1956 and rose to almost 43 percent by 1962. In the Federal Government with a traditionally higher percentage of white-collar employment, the proportion rose from 68 percent in 1956 to nearly 73 percent in 1962.



MORE THAN COLD WORDS

A confidante — a confidential clerk; one who attends to correspondence, records, etc.

These are the brisk, cold and non-descriptive words Webster uses to define secretary.

But in today's high-g geared society, where just about every man, is a specialist, the secretary has an ever-increasing role of responsibility.

She must know, in addition to the rudiments of her trade, the mission of an entire section, branch or office. In many instances she is the adhesive who binds many individual specialists into a functioning team.

She has become, through study and application, knowledgeable in a broad range of fields. She has to, for her boss expects her to screen out and handle routine work, allowing him extra time for more important business.

Here as NASA, secretaries are also expected to learn a new and difficult language — NASA-ese — and complex technical terms must be quickly understood.

Thus the secretary's role in the space age assumes a professional status of its own, and she becomes a specialist in a variety of subjects; a veritable jack of all trades and master of many.

Monday marks the beginning of National Secretary's week — a time to honor the girl Fridays for their work.

No secretary will submit a major rocket design change, conduct a countdown or pilot a spacecraft. But their overall contributions are certainly vital to efficient operation. And they deserve respect and recognition, not just next week, but all year long.

"WHY?"

The most frequently asked question concerning efforts that are being put into space exploration is undoubtedly: "Why?"

At one time or another you must have asked that same question. "Why should we expend all the effort and resources to send men into space?"

The more obvious direct motives are, of course, scientific curiosity, national prestige, the preservation of a political system and the commercial application of knowledge so gained.

Some of these possibilities already have been demonstrated in the Telstar project, which has linked continents and people together in real-time television between nations.

Providing communications in the broadest sense for so many helps them to "see" across the fences and into the backyards of others. In this way it becomes obvious that the fears, anxieties, and needs of people are pretty much the same, wherever they may be or who they are.

Adequate communications, therefore, help us to reach a better understanding, and with this comes the hope of a better world.



HOT-RODDERS Dottie Pullen, left and Juanita Hall, both of LOC's Technical Information Office, will don crash helmets Saturday night to compete in the Eau Gallie Speedway's "Powder Puff Derby."

News Photo by R. A. Figlioli



TWO CAPE EMPLOYEES TO RACE SATURDAY IN EAU GALLIE'S "POWDER PUFF DERBY"

Two good-looking young secretaries will swap week-old Easter bonnets for crash helmets Saturday night to race in the "Powder Puff Derby" at the Eau Gallie Speedway.

They are Dottie Pullen and Juanita Hall, both of LOC's Technical Information Office.

"Frankly, we've had butterflies ever since they announced the race," Dottie says, "but they wear off once it starts."

Of the two, Dottie is the more "experienced" driver, having raced once before.

"I drove in Orlando last year and came in last," she comments. "I had it on the floorboard, as fast as the car would go, but the engine was skipping."

Win Or Else

Dottie's husband, Henry, is a regular driver at the Eau Gallie track. "He says I'd better win or else," she adds.

It will be Juanita's first race, although she has worked out on tracks before.

Both girls claim they will go "all out" Saturday to win the trophy.

"It's a quarter-mile track, and we'll race for 10 laps," Dottie says. "There will be about a dozen entrants including my sister-in-law, so I've got to beat her."

Dottie will be piloting a '51 Olds and Juanita hasn't been assigned a car yet.

SPACE ALMANAC

A CHRONOLOGY OF
EVENTS IN SPACE
EXPLORATION AND
RESEARCH.

Five Years Ago

April 23, 1958 — An Air Force re-entry test launched by a Thor-Able flew short of its goal and no recovery was made. The nose cone carried a mouse.

One Year Ago

April 23, 1962 — Ranger 4 was launched from Cape Canaveral. It was successfully put in parking orbit and was later put into translunar trajectory by the Agena B booster, but the failure of a timer in the spacecraft caused loss of both internal and ground control.

Whatever it is, both girls will have to climb in through an open windshield. The doors are welded shut for safety purposes.

Why are they driving?

"We just love it," Juanita says. "I guess you could call both of us racing fiends."

SPACEPORT

NEWS

23,000-MEMBER NSA PROMOTES SECRETARIES

The National Secretaries Association (NSA) is the largest organization of business women engaged in a single profession. Founded two decades ago, the group now boasts more than 23,000 members in 538 chapters spread throughout the Western Hemisphere.

The non-profit, non-sectarian NSA, which holds as its primary purpose the establishment and elevation of secretarial standards, is open to all women who possess a minimum requirement of experience and skill and all actively employed in secretarial positions.

Brevard County was first represented by a NSA Chapter in August, 1958, when the Cocoa Beach organization came into being. Since then, two offsprings, the Melbourne-Eau Gallie Chapter and the Titusville Chapter, have become autonomous groups.

All three area chapters

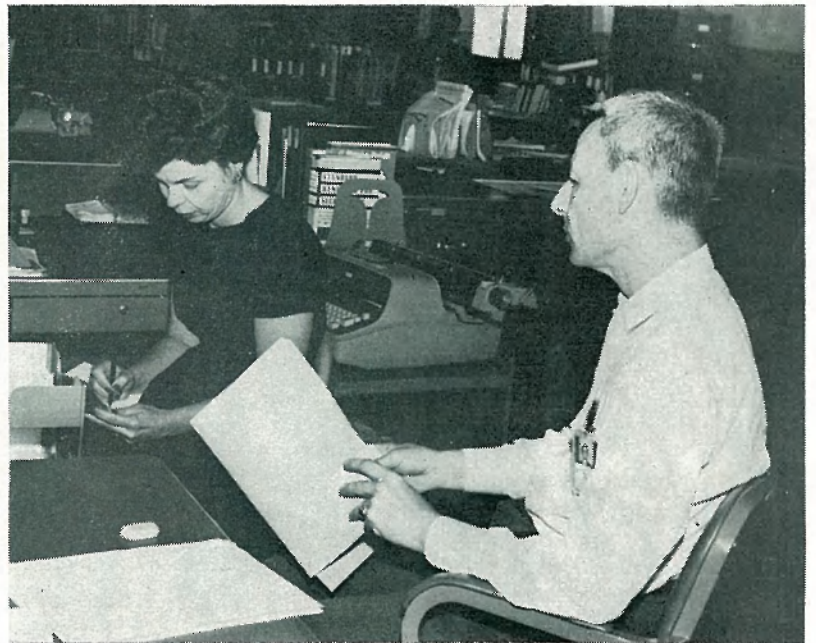
maintain programs devoted to self-improvement. At regular monthly meetings, the chapters devote a large share of time to speakers in such varied fields as Income Tax, Estate Management, Missillery, or history.

In addition, special workshops are arranged with other chapters to discuss and explore better methods of dealing with secretarial tasks.

The school age counterpart of NSA is the Future Secretaries of America (FSA). Sponsored by the three Brevard chapters, the high school groups exist to prepare girls to enter the business world.

NSA members provide instruction and guidance free of charge, and award scholarships to particularly deserving FSA members.

The three Cape area groups have extended a particular invitation for more NASA and NASA-Contractor personnel to join the National Secretaries Association.



LAURA NONAMAKER of MSC Telecommunications, a member of the Cocoa Beach Chapter of the National Secretaries Association, records rapid dictation of boss Bill Durrett.

Fashion Show To Glimax Secretaries Week

The three Brevard chapters of the National Secretaries Association will climax a week full of activities Saturday, April 27, with a luncheon and fashion show at the Cape Col-

ony Inn in Cocoa Beach. A Secretary of the Year award and scholarships to Cocoa and Satellite high school members of the Future Secretaries Association will be presented.

Gay '90s Secretaries Spurned Romance For Career

Civil Service secretaries have got it made today.

Back in 1890, working conditions and viewpoints were decidedly different. Here-with are some excerpts from an article on Women in the Government Service, written 73 years ago:

"During the (Civil) War it was impossible to obtain a sufficient number of men to fill the clerical positions in the departments.

The first woman went to work (appropriately enough) in the Treasury Department, counting money. It soon developed that women were better money-counters, and even better counterfeit detectors, than men.

When Civil Service reform came in, the opportunity of women for obtaining employment was very materially increased.

Married women are very seldom admitted to employment in the departments, if their husbands are living with them and are capable of giving them support.

Washington is a paradise for women. There is no large city in the world in which they are allowed so much freedom. It is a very common thing to see two or three women at the theater without an escort. Women must be independent in Washington, where so many of them live entirely unprotected.

The routine of the department worker's life is not especially interesting. Her hours are short, her work not hard, but there is about it the dreary monotony of routine which makes any work uninteresting in time.

Department work does not begin until 9



THE WOMAN Civil Service worker in 1890 had no bumper-to-bumper traffic jams to contend with on the way to work. Instead, she commuted leisurely via a bicycle.

a.m., and no one but a head of a division, with a record to make, is ambitious to anticipate that hour.

Between 9 a.m. and 4 p.m. the woman worker has a half hour for lunch. Ten or 15 cents will buy a very substantial luncheon from the caterers.

About half past three, heads begin to bob up from desks and eyes glance towards the big clock. At 10 or 15 minutes before the hour, if the chief is not very strict, the clerks begin to prepare for departure. Less than one minute after the hour of four has struck the rooms are all empty.

A good proportion of the women employed in the departments are ladies in the sense in which that term is usually understood. They are of good family and would be desirable additions to any circle of society.

But matrimony and the cares of a household have few attractions for the department clerk. She has tasted enough of independence to prefer its sweets to the sorrows of marriage bondage. She has enough money usually to support her very comfortably without the assistance of any man, and that money is her very own.

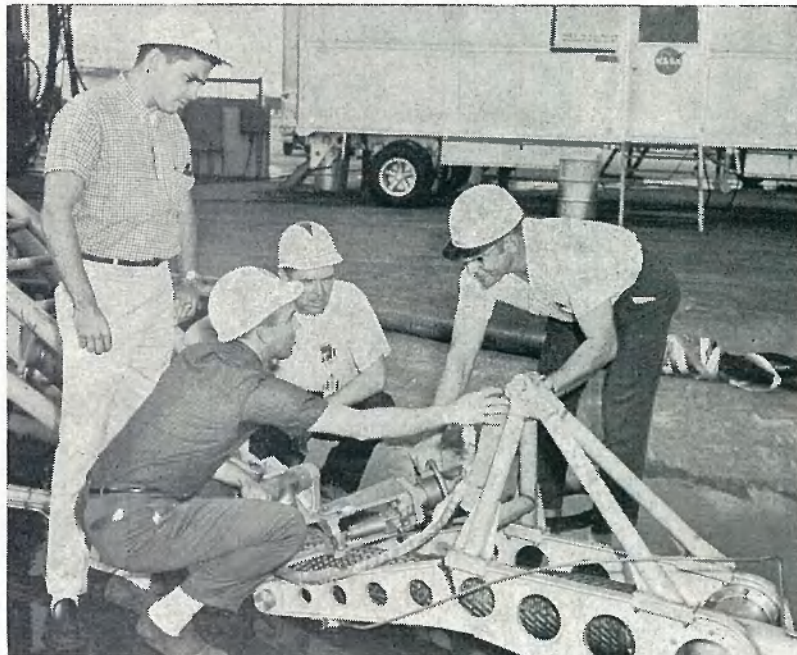
The salaries of women in the departments range from \$600 to \$1,800 a year.

So, when she wants a new bonnet, or a new dress she is not dependent upon the whim or caprice of anyone. Small wonder then that she prefers to continue serving Uncle Sam."

For Some The Work Begins After Launch . . .



CHARLES BRUBAUGH, left, of facilities Operations and Johnny Straughan of Pan Am watch as huge rail wheels slowly move back Complex 34 service structure.



KEN RYS, Larry Hill, Leo Childers, and Ed West, all of the Vehicle and Missile Systems office, determine blast damage to the LOX mast. Note heavy aluminum support cracked in two (bottom of picture).



INSPECTING at close range the damage to a short cable mast on Complex 34 are, left to right, Russell Clay, John Barrow and Ike Rigell of Electrical Networks Group.

Belching fire and reaching searing temperatures approaching 4,000 degrees F, SA-4 went soaring skyward in the fourth successful launch in as many attempts.

For most, the success of the Saturn was the culmination of months of patient and often frustrating work. But for others the problems inherent in launching and caring for a huge rocket had just begun.

Even before the scorched metal of the launch pedestal had fully cooled, crews were crawling over Complex 34.

Blast and Fire

Engineers and mechanics involved in pad rehabilitation were interested in blast and fire damage and were mentally estimating how fast the Saturn Complex could be put back in operation.

Ground facilities required to launch a large rocket are expensive; the cost of Complex 34 was about \$45 million.

With such a high cost factor, maximum utilization of

each launch facility is essential.

Less Than Expected

SA-4 damage to 34 was less than expected. Larry Hill, mechanical engineer said of the launch, "this is the cleanest firing we've had to date. On the third Saturn, chain link fences a quarter-mile away were knocked down and the elevator on the pedestal was burned by the blast."

Engineers and mechanics have no ready explanation as to the causes for so little damage on SA-4.

On this particular launch, the vehicle was lighter than SA-3 and the lift off was faster, resulting in less blast and fire damage.

Since the first Saturn launch, engineers and mechanics have done much to cut refurbishment costs and time through design modifications.

Will Lie Idle

Complex 34 will be idle for awhile, undergoing modification for use with Saturn I,



BILL QUINN, left, and Gary Richards of Facilities Operations examine Pad 34's flame deflector, which received the full fury of SA-4's searing exhaust.

. . . To Ready The Pad Area For Another Flight

Block II vehicles, the two-stage version.

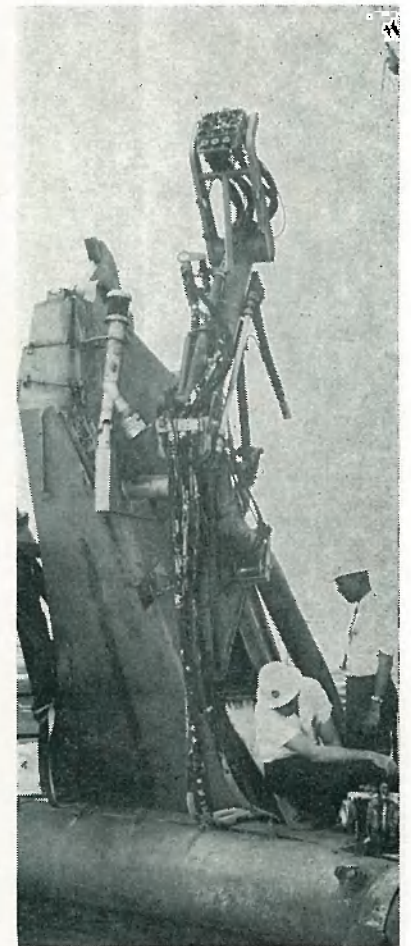
Wallis Rainwater, a supervisor for complex refurbishment said the experience gained from Block I shots will be of tremendous importance in fitting out the pad for later Saturns.

"The same is true of Complex 37," he pointed out. "You can go out there and see the changes we've made from the lessons learned at 34."

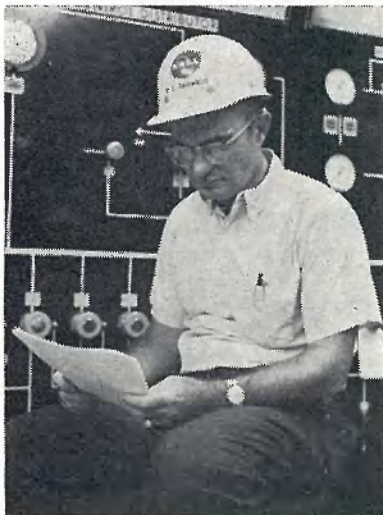
When the first Saturn lifts off 37, there will still be damage, but according to Glover Robinson, the engineer who will direct the repairs on 37, experience gained from refurbishing Complex 34 will make the job much easier.



A FEW OF THE several thousand parts that had to be quickly replaced following the recent launch of SA-4 are examined by Complex 34 engineers and mechanics.



IMMEDIATELY FOLLOWING Saturn launch, damage estimators ascend to pedestal where the rocket rested prior to ignition. The massive steel structure is one of the holddown arms which hold the bird until maximum thrust is obtained.



WALLIS C. Rainwater, Vehicle and Missile Systems who directs the greater part of pad refurbishment, checks valve panel layout deep within the new Saturn launch complex umbilical tower.



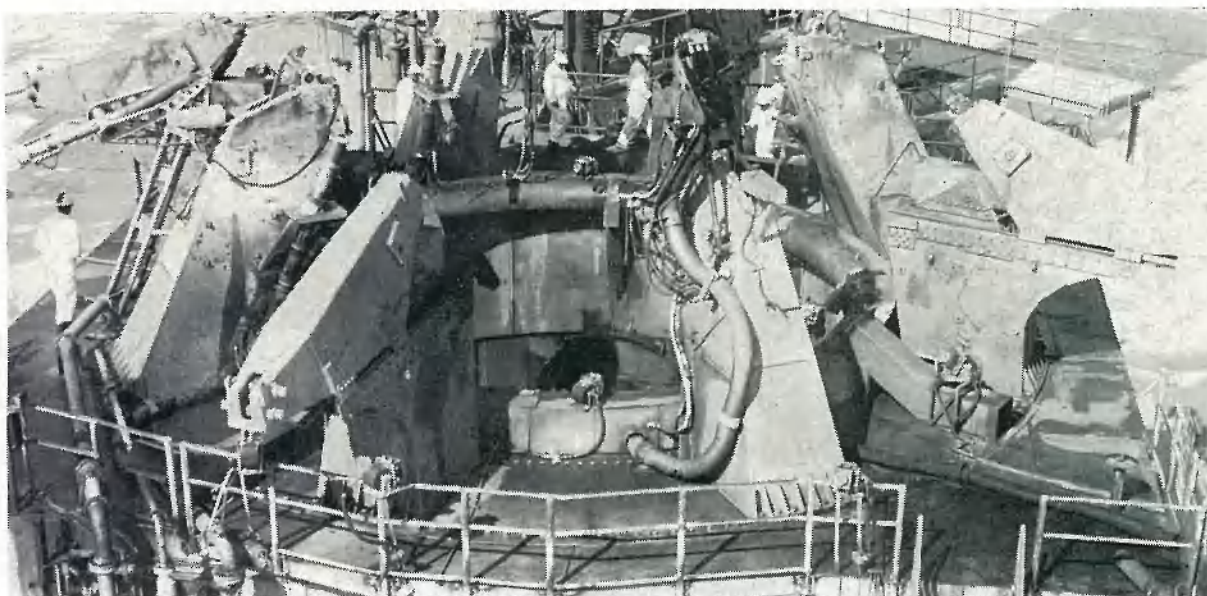
RUSSELL CLAY of Electrical Networks Group inspects post-launch damage to short cable mast.

Information Exchange Speeded By Network

A voice - facsimile network for the rapid exchange of information between the NASA-Marshall Space Flight Center and its Louisiana installations has been put into operation.

The new system, leased from Western Union, provides immediate service through an automatic switching exchange installation in New Orleans.

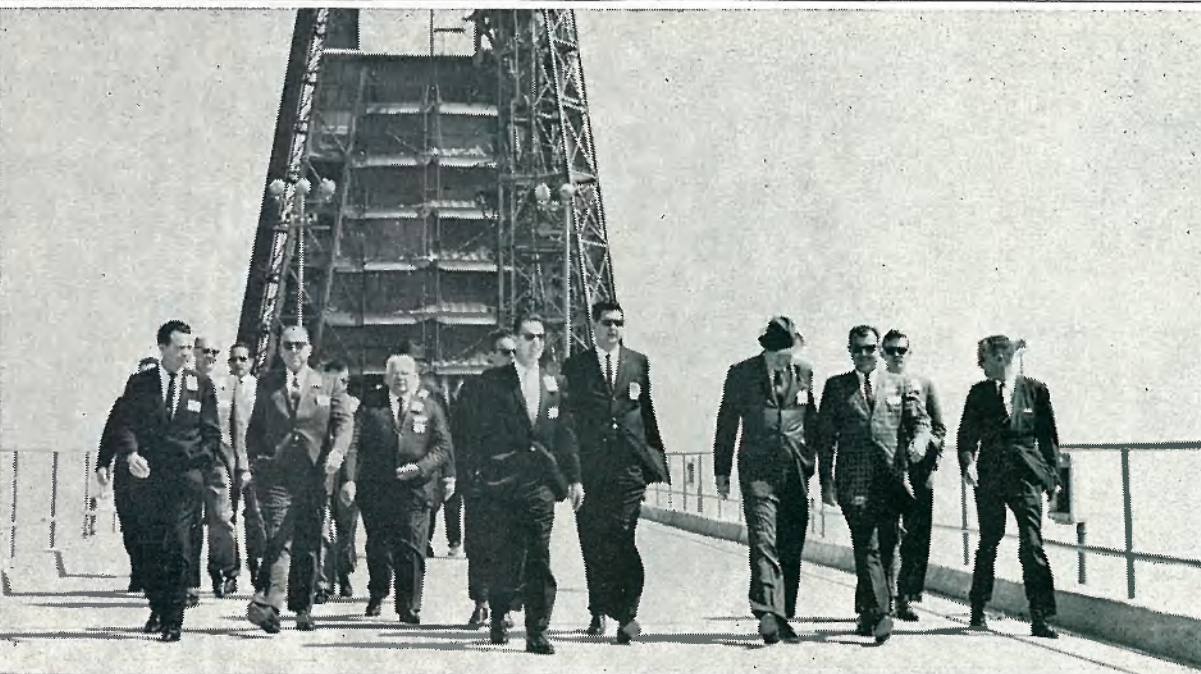
Presently serving 10 MSFC locations, the automatic voice-coordinated - facsimile system has been equipped to grow to a 50-station network, as needed. The new system is used to exchange documents, drawings and administrative information by voice and facsimile, as well as in digitalized data form at speeds up to 2,400 bits-per-second.



BEFORE THE BLAST from eight mighty engines, the launch platform and firing accessories gleamed bright with fresh paint now blackened by the flame.



CHARTER MEMBERS of the proposed Cape-based Federal Credit Union signed an application for a charter Monday. Left to right, are Bob Moser, John Twiff, Claude Leslie, Jessie Trubia, W. R. Busch, B. R. Huffman, Ann Taylor, G. O. Link, N. J. Horner, Earl Dahl, Malcolm Stringer, James Lane, Roger Henderson, Josephine Franse, Dick Nunimaker, G. A. Sewell, Bob Braswell, John Copeland, P. A. Fagnant, F. M. Childers, V. L. Pinson, R. E. Pontones, Don Davidson, Ed Hopton, M. L. Smoot of the Central Florida Credit Union chapter, and John Donovan. Standing is J. J. Westbury, Florida Credit Union League Representative.



MEMBERS OF THE GREATER Houston Chamber of Commerce Board of Directors toured Canaveral last week and visited with Houston-based astronauts Gordon Cooper and Alan Shepard. Above, they leave Complex 14 accompanied by LOC's Bob Johnson of Protocol, third from right, and Joe Robertson of the Saturn office, right.

PERT Representatives Meet In Cocoa Beach

Representatives of various NASA Centers across the country are being hosted by LOC today at the Sixth NASA-PERT (Program Evaluation and Review Technique) and Companion Cost System Coordination Meeting.

The two-day meet, which began yesterday, is being held at the Cape Colony Inn.

LOC Deputy Director Albert Siepert welcomed the representatives with an opening address yesterday morning.



Dear Sir:

"I am very interested in rocketry and I would like to know more about it. Please send it to me."

William S.
Menominee, Michigan

First Flying S-IV Leaves Douglas Plant

The first NASA Saturn S-IV destined to fly in space has left California on the initial leg of its journey to Cape Canaveral.

Harnessed into a specially designed transporter, the S-IV flight vehicle was towed to Los Angeles Harbor and loaded aboard a barge for the four-day trip to the Douglas Aircraft Company's Sacramento Field Test Installation.

There it will undergo complete systems checkout and full duration firings.

Spring Dances On Tap Next Two Saturdays

Two spring dances are on tap within the next few days.

Saturday night the Mercury Social Club will hold a dance, open to all NASA personnel and contractors, at the Copa Club in Satellite Beach.

Tickets are \$1, or 75 cents for Club members, and may be purchased from Jeri Panritta, E and O building, Elmer Horton, Hangar S, or Carolyn Shilling, Hangar AF.

A week from Saturday, the NASA Women's Social Club will sponsor an installation of officers dance at the Cape Colony Inn.

Tickets are \$1.75 each and proceeds will go for special equipment for the Brevard Training Center.

A seven-piece band will provide music for the dance, and there will be a special "Name the Band" contest.

NASA To Negotiate General Electric Pact

NASA will negotiate with General Electric Company for an extension of G. E.'s Apollo support effort to provide plant and test support services at NASA's Mississippi test facility.

NASA estimates that an initial one-year contract with G. E. extension could run through 1968, reaching an estimated annual cost of \$20 to \$25 million as buildup of the facility continues and test operations begin.

Mississippi test facility, now under construction on a 13,500-acre tract 42 miles northeast of New Orleans, will be used for static testing Saturn V launch stages and engines. The \$500 million facility will receive Saturn stages assembled at NASA's Michoud operations plant in New Orleans and other points and conduct static firing tests before they are shipped to the Merritt Island launch area for flight missions.

Legislature Addressed

LOC Director Dr. Kurt H. Debus addressed the Florida Legislature yesterday in Tallahassee. He told the lawmakers of the need for a "cultural environment" in the Brevard area.



PERT TECHNICAL LIBRARY clerk Sue Marcum straightens things up in preparation for National Library Week, which begins Monday.

10,000 Documents

LOC PLANS REVEALED FOR LIBRARY WEEK

National Library Week begins Monday.

Although LOC's Technical Library has no particular promotion to celebrate the event, Chief Librarian Mrs. Librada Russell did reveal some future plans.

"We now have more than 5,000 technical books, over 10,000 documents and subscriptions to more than 300 periodicals and newspapers," Mrs. Russell said.

"Most of this material covers pure science as well as applied science and technology. We have," she emphasized, "a highly specialized library, strictly for professionals."

"We will have a greater amount of floor space to better display our books as soon as the addition to the E and L Building is completed," she said.

"We also have ordered supplies to place a magazine and newspaper rack in the E and L lobby for the convenience of visitors. It will be filled with local and out-of-state newspapers and several popular magazines."

Another of the new serv-

ices the Technical Library provides is microfiche — a process that allows several strips of microfilm — enough to cover most complete documents — to be placed on one eight by five inch piece of film.

'Boilerplate' Apollo Model To Be Tested

A "boilerplate" version of the Apollo spacecraft has arrived at the NASA-Marshall Space Flight Center.

The spacecraft, not a flight model, will be used for dynamic and compatibility tests with the Saturn I vehicle in the Marshall Center's dynamic test stand.

Three huge flatbed trailer trucks hauled the cargo — the Apollo command and service modules and the adapter — from Houston, Tex.

The Apollo hardware, including the escape rocket tower which had arrived earlier, will be mounted atop an S-IV dynamic test stage and the two elements will be suspended in the stand by a new suspension system now being installed. This double unit will be first tested without a booster beneath it.

When the SA-5D dynamic test booster is returned to the Marshall Center, the S-IV and Apollo will be mated atop the big rocket first stage for more dynamic tests. (The SA-5D left MSFC recently aboard the barge Promise on a trip to Cape Canaveral where it will be used for "wet" tests of Launch Complex 37, Pad B, propellant loading facilities.)

This Apollo will be kept at the Marshall Center for future tests including dynamic and mating tests in connection with the Saturn IB space vehicle.

Each time the design of the Saturn flight vehicle is changed, the Apollo will be used with a dynamic test vehicle to check bending and stressing the flight vehicle will experience in actual flight.

Design Contractors Named For Study Of Voyager Craft

NASA has announced the selection of the AVCO Corporation, Research and Advanced Development Division, Wilmington, Mass., and General Electric Company, Missile and Space Division, Valley Forge, Pa., for negotiation of conceptual design study contracts of a Voyager spacecraft.

The two \$100,000 dollar contract awards are for six months. AVCO and General Electric were selected from 13 firms which submitted proposals in response to a NASA request made last month.

Voyager is a spacecraft concept for scientific, unmanned exploration of the planets as a follow-on to NASA's Mariner program. It is conceived that the Voyager will be capable of orbiting Mars or Venus and landing capsules on these planets. Assuming a Saturn 1-B launch vehicle is used, Voyager could weigh in excess of 6,000 pounds.

The AVCO and General Electric contracts are intended to supplement current in-house NASA studies in an effort to determine the scien-

tific merit and technical possibility of initial Voyager flights prior to 1970.



DRIVE RIGHT UP, FOLKS!

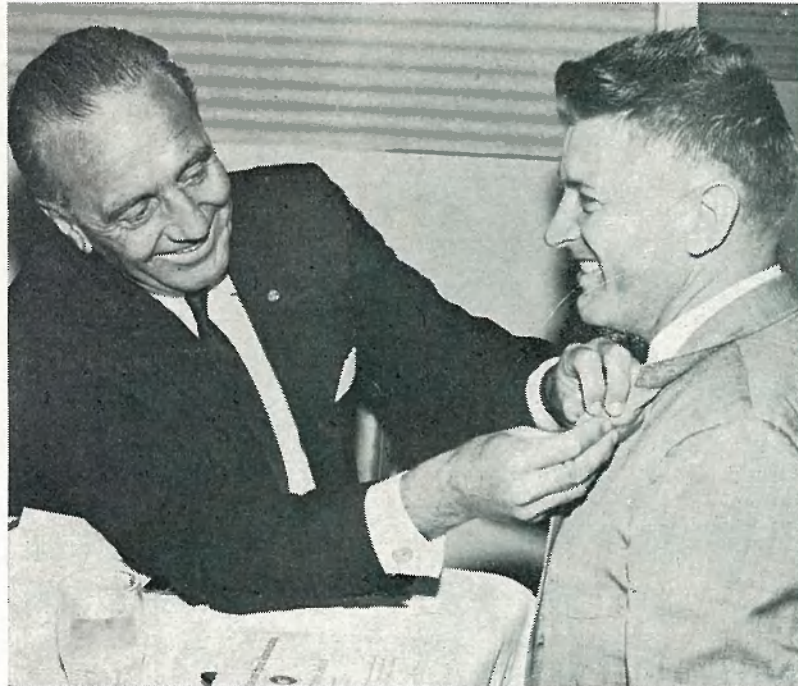
Biggest Bargain on the Cape!
Park 16 hours a day FREE (6 a.m. to 10 p.m.)
Where?

New LOC parking area just east of Area 42 at Cape Road.

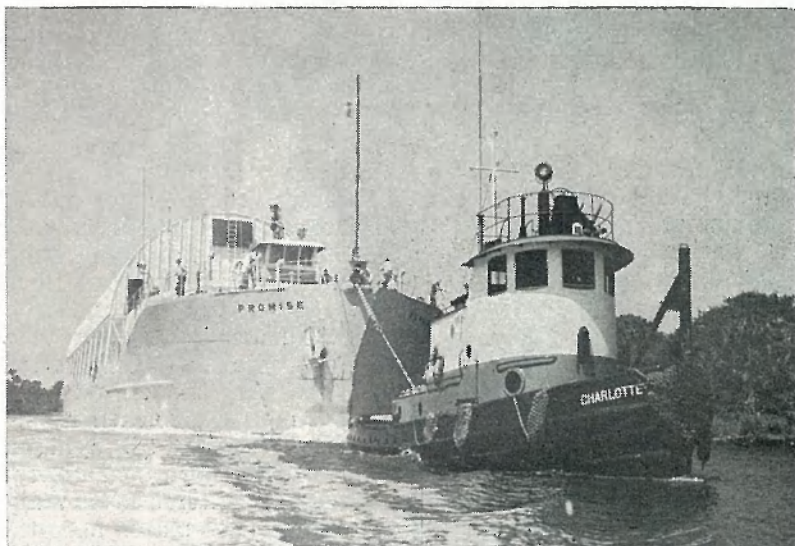
No parking permits required.
Plenty of space — enough for 211 cars.

Walk right through the East Gate to your job.
Traffic officer expedites travel out of the lot at quitting time.

Let's use it!



GOVERNMENT CAREERS with widely divergent beginnings came together last week when LOC Director Dr. Kurt H. Debus, (center), presented 15 and 10-year service pins to Mrs. June Carson, secretary to Dr. Hans F. Gruene, Deputy Director, LVOD; and to Dr. A. H. Knothe, Launch Operations Directorate Technical and Scientific Staff. Mrs. Carson began career as a researcher into folkways in the remote hill country of her native West Virginia. Dr. Knothe joined the Army Ballistic Missile Agency in Huntsville in 1952 after work as a mathematician at Peenemunde and as instructor in mathematics at Darmstadt Technical University.



ARRIVING A DAY ahead of schedule, the barge Promise is towed up the Banana River by the tug Charlotte. Aboard the Promise is a nonflying Saturn booster — SA-5D — which will be used to check out Launch Complex 37

News Photo by Russ Hopkins

GSFC Group Awarded Citation For Tiros

A NASA Group Achievement Award was to be presented today to some 60 Goddard Space Flight Center personnel for their work in developing and launching Tiros weather satellites.

Three members of the GSFC Field Projects Branch are among the honorees. They are Robert Gray, Branch Chief; John Neilon, Deputy Branch Chief; and Don Sheppard, AST space engineer. Shep-

pard is in Greenbelt today to accept the award for himself, Gray and Neilon.

The award is being presented by Dr. Harry Goett, GSFC Director.

The award is "for outstanding competence demonstrated in developing and successfully operating the first meteorological satellite system — Project Tiros."

The first Tiros satellite was launched April 1, 1960.

HUGE WATER SYSTEM BEING CONSTRUCTED

A water system large enough to supply 200 cities the size of Cocoa is being built at NASA's Marshall Space Flight Center.

The Birmingham, Alabama, firm of Sullivan, Long and Hagerty has received a \$1,488,000 million contract to build the water system.

The contract calls for construction of a high-pressure pumping station, two three-million gallon reservoirs and the installation of pumping units, pipe lines and valves.

The pumping station is expected to be completed by January, 1964.

Thirteen 2,600-horsepower, diesel driven pumping units will move the water in the system. Each pump will be capable of moving 21,000 gallons a minute.

The 250 - pounds - pressure industrial water system — which has huge pipes up to eight feet in diameter and 25 feet around — will have pumping capacity of 270,000 gallons a minute.

Millions of gallons of water will be forced by this system into flame deflectors at two test area static test stands now being built.

P & G SPAGERS CLUB TO BE ORGANIZED

The following memo was received in the Spaceport News mailbag this week.

1. After several "holds" in the "count-down" to evaluate "program interest" and establish "basic appropriations," the "SPACERS CLUB" of the Procurement and Contracts Office, Lunch Operations Center, was "launched" with the Steering Committee's acting appointment of the following club officers:

President: Robert W. Johnson.
Vice President: Thomas M. Davis.

Treasurer: Rex W. Allred.
Secretary: Elizabeth H. Baxley.

Consistent with accepted bureaucratic practice, the name of the club is a euphonious combination of initials which collectively represent Self-governed Procurement And Contracts Employees Remembrance Society, ergo - SPACERS CLUB.

2. The "SPACERS" Club is a voluntary, private association of personnel of the Procurement and Contracts Office; and, as such, is NOT an "official" NASA or LOC sanctioned or supported organization.

3. This Organization, through its Members, Officers, Committees, etc., will sponsor various social and recreational functions at opportune times. It will also provide for appropriate recognition of its members with respect to marriage, birth, retirements or other separations.

Cocoa Parade Saturday

"Future in Space" will be the theme of Cocoa's largest parade in history Saturday.

Sponsored by the Cocoa Jaycees, the parade will launch the annual Indian River Jubilee.

Festivities will begin at 6 p.m., and floats will follow a route beginning at Rockledge Drive, north to Oleaner, down Brevard to East Derby and ending on Riverside Drive.

50 Experiments

NASA's Orbiting Geophysical Observatory (OGO) can carry 50 scientific experiments on a single mission.