

Valier Plans Calais-to-Dover Rocket Flight; Pictures Berlin-New York Trip in One Hour

Wireless to THE NEW YORK TIMES.

BERLIN, Feb. 28.—Max Valier, pioneer of the use of the rocket motor, informs your correspondent that his Spring program includes the launching of a new rocket automobile which he maintains will travel at a speed of 300 miles an hour. If he survives this exhibition—he intends to drive the car himself—his next stunt, which is booked for early Summer, will be a cross-channel flight from Calais to Dover in a rocket airplane. He said:

"I have already demonstrated the principle of a rocket flight. I am most optimistic as to the future of the rocket propeller, although what has been achieved thus far amounts only to interesting experiments. Progress may be slower from now on.

"In the future, aviation perhaps will not make such gigantic single strides. I am, nevertheless, convinced that the present construction of automobiles and airplanes will be abandoned entirely for new types which will use a rocket motor. My final aim is not the automobile, but an airship with a rocket impulse powerful enough to pierce the atmospheric armor of our globe. This is but a problem of speed.

"Newton's principle contains the law that to every plane of gravity belongs a corresponding parabolic speed of sufficient impetus to reach all space. If this were worked out in the future navigation of the skies it would include flights from Berlin to New York in a little more than an hour.

"It is now a question of money. The rate of progress will be proportional to the means at the disposal of experimenters, but I am sure that such flights will be accomplished some day. The immediate problem is to discover a more powerful motive force. The limit of improvement in the powder rocket has been reached, so a better system of ignition must be found. I am now studying a liquid driving matter."

Asked whether man could stand such excessive speed and want of air, Herr Valier said:

"Great speed, if gradually increased, is easily endured. In my recent experiments with the rocket bob sleigh on the Eibsee, I had no unpleasant experience, although going at terrific speed. However, the future rocket airships will have airtight cabins, filled with compressed air, like those in submarines."