

Picture Story No. 529

SPACE RESEARCH

Rockets, satellites and missiles of many types, developed by United States scientists, will be launched during 1959 in a long-range program to put man into outer space. The vehicles scheduled for flight tests are the result of technological progress achieved through painstaking meticulous space research by scientists in private U.S. industry and in U.S. Government. In this nationwide effort, thousands of scientists, engineers, designers and technicians are collaborating to reach two goals simultaneously -- peaceful exploration of space and military defense against possible aggression.

7-15 Two U.S. engineers study the drawing-board design from which a model (held by man at left) of a semi-blunt nosed rocket cone has been constructed. These are the initial steps in the development of an advanced type of nose cone made of highly polished metal. The cone will be tested to determine the effect of the nose shape and polished finish on the temperature of the rocket during space flight. Courtesy of U.S. National Aeronautics and Space Administration. (58-23734)

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Astronautics: Research

Dos ingenieros norteamericanos estudian el diseño según el cual se ha construido la maqueta (que sostiene el de la izquierda) del cono de proa de punta algo roma de un cohete. Estos son los primeros pasos en el desarrollo de un tipo avanzado de cono de proa realizado en metal pulimentado. El cono será probado para determinar el efecto de la forma del morro y de la capa pulimentada sobre la temperatura del cohete durante su vuelo por el espacio.



SCIENCE: ASTRONAUTICS (RESEARCH)