

## 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.

14-15 Three rocket engines mounted on spidery steel frames are prepared for ground tests before being mated to missiles. This test area, one of several built and operated by private companies in the U.S., has been used to evaluate the performance of engines for Jupiter and Atlas rockets. Following the ground tests, the large missiles have been launched successfully on flights into space. Courtesy of North American Aviation, Inc. (58-23727)

58-23727

Astronautics: Research

Tres motores de cohetes montados sobre estructuras de acero están preparados para pruebas en tierra antes de ser unidos a los proyectiles. Esta zona de pruebas, una de las varias construidas y dirigidas por compañías privadas norteamericanas, han sido utilizadas para evaluar el funcionamiento de los motores para los cohetes Júpiter y Atlas. A continuación de las pruebas de tierra, los grandes proyectiles han sido lanzados con éxito en vuelos espaciales.



SCIENCE - ASTRONAUTICS - (RESEARCH)