

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.

13-15 In its initial flight, a small-scale model of a new United States five-stage rocket is test-launched into space. Before this flight, the rocket engine was tested on the ground. The next step, following successful test flights, is construction of a full-scale rocket of this design. Ground tests of engines and flight tests of small-scale rockets are economical methods because they predetermine the value of a new design and save production costs if alterations are necessary to make a rocket space-worthy. Courtesy of U.S. National Aeronautics and Space Administration (58-12874)



SCIENCE - ASTRONAUTICS - (RESEARCH)