

Picture Story No. 699

## TEST OF BIGGEST U. S. ROCKET SET FOR 1961

Before the end of 1961, a rocket vehicle towering 185 feet (56 meters) above its seaside launch pad at Cape Canaveral, Florida, is expected to roar upward into space. This will be the maiden test flight of Saturn, the big eight-engine rocket designed to have more than twice the lifting power of any other United States booster. The success of this test, and others to follow it, will mark important steps in the U. S. advance in peaceful space exploration.

At Marshall Space Flight Center in Huntsville, Alabama, where it was developed, the Saturn recently completed all tests short of launching. Since the rocket is too big and heavy to be transported by air, railroad or highway, it was shipped 2,200 miles (3,540 kilometers) over water to Cape Canaveral, Florida. There, at an elaborate, specially built launching site, the rocket with two dummy stages atop it will be prepared for the flight test. When the Saturn is fueled ready for blast off, the big vehicle will weigh 1,160,000 pounds (522,000 kilograms).

61-10833 Science: Artificial Satellite (Saturno)

El cohete Saturno descansa sobre la cubierta de un barco de la Armada de los Estados Unidos, al cual fue trasladado, a causa de una esclusa averiada en el río Tennessee. El gran cohete, de 25 metros de longitud, 660 centímetros de diámetro, y de un peso de 450 kilos, llegó a Cabo Cañaveral el 15 de agosto de 1961, después de un viaje de 11 días de duración.

Space Administration, which is carrying out the Saturn program with the assistance of private industries, expects to reach this goal within several years.

6-11 The Saturn rocket rests on the deck of a U. S. Navy ship, to which it was transferred because of a damaged lock in the Tennessee river. The big rocket, 82 feet (15 meters) high and 260 inches (660 centimeters) in diameter -- a one-million-pound (450,000 kilogram) cargo -- arrived at Cape Canaveral on August 15, 1961 after an 11-day voyage. (61-10833)



CIENCIAS - ARTIFICIAL SATELITE (SATURN)