



Picture Story No. 547

WALLOPS ISLAND, TEST AREA FOR U.S. SPACE VEHICLES

United States scientists recently fired a camera-carrying rocket 86 miles above the Atlantic Ocean and photographed 1,000 miles of off-shore storm clouds extending from Canada to Bermuda. This rocket is one of thousands of advanced-design space vehicles that have been launched from Wallops Island, a research establishment operated by the U. S. National Aeronautics and Space Administration. The Wallops Island Pilotless Aircraft Research Station, off the Atlantic coastline of Virginia, and Langley Research Center, nearby on the mainland, form one of the nation's leading flight science laboratories. Their task is to develop and improve new design features that will advance peaceful uses of space.

5-12 A two-stage Nike-Cajun rocket is prepared for a twilight launching at the U.S. Pilotless Aircraft Research Station on Wallops Island in the Atlantic Ocean off the shore of Virginia. Folded inside the rocket is an aluminized plastic satellite that will inflate automatically into a sphere upon ejection from the rocket high in the sky. The inflatable sphere is equipped with instruments to measure the density of air in space and to transmit the measurements back to Wallops Island. (58-12871) (See also 58-12872, 58-12873 and 58-12875)

58-12871

Science: Astronautics (Research)

Un cohete de dos secciones Nike-Cajun está preparado para un lanzamiento entre dos luces, en la Estación de Investigación de Aviones sin Piloto que tienen los Estados Unidos en la isla Wallops, a poca distancia de la costa del estado de Virginia. Doblado en el interior del cohete está un satélite de plástico recubierto de aluminio, que se inflará automáticamente, ~~interior de la caja~~ convirtiéndose en una esfera, al ser expulsado del cohete, cuando esté a gran altura. La esfera está equipada con instrumentos para medir la densidad del aire en el espacio y para transmitir a la tierra las mediciones que se recibirán en la isla Wallops.



PIENEE - ASTRONAUTICS (Research)