



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 flight-prove new design features that will advance peaceful uses of space.

2-12 The twin 16-mm movie camera unit held by U.S. Navy Lieutenant Commander Willard S. Houston, Jr. was recovered from the Atlantic Ocean after a rocket trip 86 miles aloft, where it made photographs of 1,000 miles of storm clouds 200 miles off the eastern coastline of the United States. The two cameras work at shutter speeds of 1/2,000th of a second, at nine frames per second. To assure recovery from the ocean, the cameras were fitted with a parachute, a radio-transmitting device and dye to color the water surrounding the cameras' landing place. (59-1435) (See also 59-1436 and 59-1437)



59-1485

Science: Astronautics (Research)

La unidad de las cámaras tomavistas gemelas de 16 mm. que sostiene el oficial de la Marina norteamericana Willard S. Houston, fue recuperada en el Atlántico, después de un viaje aéreo de 140 kilómetros de altura, donde obtuvo fotografías de una capa de nubes tormentosas de una extensión de 1.600 kilómetros, a unos 320 kilómetros de la costa oriental de los Estados Unidos. ~~Las dos cámaras trabajan con una velocidad de disparo de~~ Para asegurar la recuperación de la máquina en el mar, las cámaras fueron provistas de paracaídas, un transmisor de radio y tñen el agua que rodea el lugar en que el aparato ha caído.

SCIENCE - ASTRONAUTICS (RESEARCH)