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Picture Story No. 530

SPACECRAFT PRODUCTION

Production of spacecraft is a rapidly growing industry in the United States. Since 1957, more than 3,000 private companies have joined the nation's astronomical effort, and new participants are entering this field each month. This burgeoning network of factories, employing many thousands of scientists, technicians and workers, uses assembly-line methods to mass-produce vehicles for peaceful space exploration and for military defense against possible aggression. The increasing utilization of the nation's scientific industrial resources is a vital factor in the progress of the United States space program.

5-15 In the mountains of the Pacific Coast State of California, an Atlas missile under protective covering is moved to a tower for captive testing before it is shipped across the continent to the launching site at Cape Canaveral, Florida, on the Atlantic coastline. Several U.S. private industries engaged in producing spacecraft have test stands much like this one, designed to determine the performance of rocket engines. An Atlas has flown more than 6,000-miles. Another Atlas is now orbiting the earth. Photo by Convair Division, General Dynamics Corporation. (58-23753)

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Science: Astronautics (Spacecrafts)

En las montañas del estado de California, un proyectil ATLAS, bajo una cubierta protectora, es trasladado a una torre para una prueba cautiva antes de su envío a través del continente, hasta el lugar del lanzamiento en Cabo Cañaveral (Florida), en la costa atlántica. Varias industrias privadas norteamericanas interesadas en la producción de naves del espacio, tienen instalaciones de pruebas muy parecidas a ésta de la fotografía, montadas para comprobar el funcionamiento de los motores de los cohetes. Un Atlas ha volado más de 9.500 kilómetros. Otro Atlas está ahora girando alrededor de la tierra.



SCIENCE - ASTRONAUTICS (SPACECRAFTS)