

U.S. PRESSING CONQUEST OF SPACE CAMPAIGN ON THREE FRONTS

On three fronts, the United States is pressing its campaign for the conquest of space. It is working intensively on a satellite to orbit the earth and send back data about the outer fringes of the atmosphere; on the multi-stage rocket missile that will carry the tiny "moon" to its orbit, and -- most challenging of all -- on the means of carrying men to interplanetary space.

The first two phases are in the field of "hardware," or "astronautics," as the scientists call it -- the design, production and operation of space craft.

A wholly new name has been coined for the third phase, "bioastronautics" -- the study of man's capabilities and needs, and the means of meeting those needs, for travel in outer space.

These pictures show some of the aspects of the work going forward in the U.S. in all three phases.

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Para ensayar el efecto en el hombre, de una disminución de la velocidad, como cuando un cohete regresa a la atmósfera de la tierra, este aparato sacude al sujeto arriba y abajo.

BATTERING RAM -- To test the effect on man of extreme buffeting, as in a rocket's re-entry of the earth's atmosphere, this device jolts a subject up and down. (57-21878)

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TAMAÑO 197<sup>mm</sup>

AD 197<sup>mm</sup>



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