

**Gaceta N° 161  
ilustrada**

FOTO N.º 12 PAG. 16

TAMAÑO \_\_\_\_\_ X 108 <sup>mm</sup> Picture Story No 571

**MAN'S SURVIVAL IN SPACE**

That man will travel in outer space is now a widely accepted probability. Just when and how this scientific achievement will be accomplished depends on the solution of many problems being studied by leading space scientists, engineers and doctors. Among the many U. S. installations dedicated to the study of various phases of space travel and aeronautical medicine is the Research Development Center at Johnsville, Pennsylvania. Here, as at other such installations, the doctors and scientists often test their own equipment and collect human reaction data through first-hand experience.

5-8 THIS WHIRLING CENTRIFUGE at the Johnsville installation can reach 180 miles per hour in seven minutes from a standing start. Inside the gondola, a "space man" dressed in full pressure suit, is whirled to simulate space travel. Many conditions of outer space can be developed in the gondola to test both the man and the equipment. The centrifuge, the largest in the United States can attain a force of forty times the weight of gravity. (59-8069)

SUPERVIVENCIA HUMANA EN EL ESPACIO.- Centro Investigador de Johnsville (Pennsylvania).  
5-8 Aceleradora centrífuga en pleno funcionamiento. Puede alcanzar en siete minutos una velocidad de 290 kilómetros por hora. En el interior de la góndola, un "astronauta" vestido con traje presurizado, estará sometido a los efectos creados por la velocidad de rotación y que servirán para comprobar el comportamiento del hombre y el equipo. Esta celeradora centrífuga, la mayor que existe en los Estados Unidos, puede crear artificialmente una fuerza cuarenta veces mayor que la de la atracción de la gravedad. (59-8069).



108 <sup>mm</sup> / <sub>in</sub>  
alto



SCIENCE - ASTRONAUTICS - RESEARCH