

An experimental U.S. Air Force telescope, designed to study objects in space, is used to relay pictures of the MA-7 orbital flight. A microwave link to the television facilities at Cape Canaveral enabled millions of viewers to see the separation of the first stage of the MA-7 vehicle at an altitude of approximately 100 miles (160 kilometers). The instrument is a reflecting astronomical telescope with a 24-inch (61-centimeter) aperture, and a basic focal length of 240 inches (610 centimeters). A high-powered orthicon television tube has been added which can magnify the image ten-fold electronically. (62-2827)



SCIENCE - ASTRONAUTICS: Proj. Mercury