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TV camera for airborne use, it weighs with its control unit included 7.2 lb; and the entire system, including transmitter and lens, weighs less than 15 lb. The camera (Model 0594) operates at one frame per two seconds. Use of slow scan allows reduction of bandwidth and resulting reduction of transmission power requirement. The transmitter has a 4-w output and a bandwidth of 250 kc. It is equipped with a right-angle lens system and three quick-connect lenses, ½-in., 1-in. and 6-in. in focal length. The system operates on 28-v d-c with 20 w used by the camera and 50 w by the transmitter.

Other equipment carried on the flight included a Traid Automax 35mm data camera, according to information from Traid Corp., 17136 Ventura Blvd., Encino, Calif. The Automax was pulsed at the rate of one frame every two seconds, each frame recording a complete scan. In the spacecraft itself, a Traid Model 638 Fotoperiscope relay lens was trained on the astronaut. By bending the optical path 90°, the lens facilitated installation of the TV camera in the spacecraft.



The Spectra Ground-Glass (GG) Photoreader Accessory for the Spectra Combi-500 Exposure Meter, announced by Photo Research Corp., 837 N. Cahuenga Blvd., Hollywood 38, enables correct exposure readings directly from the camera ground glass even in difficult exposure situations, such as copies, photomicrography, extreme telephotos, and photomicrography. The attachment is designed to eliminate the arithmetical calculations previously necessary for such exposures. Using the Combi-500's battery-driven CdS cell, the GG Photoreader collimates the light of the camera ground-glass image and, by means of a predetermined reference mark on the meter's calculator dial, directly indicates the correct exposure. It is priced at \$14.95.

The Monitor Series 16mm high-speed camera has been introduced by Cinerama Camera Corp., 11930 W. Olympic Blvd., Los Angeles 64. The camera features advanced techniques in design of high-speed, intermittent film transport, which includes dual registration pins for film stability during exposure. Modular design permits easy removal of the movement from the camera body for ease of maintenance and interchangeability among cameras. Intermittent pulldown is accomplished by a 4-bar linkage having an eccentric shaft as its driving member. A special bearing assembly provides maximum claw rigidity and mechanical assembly life. Double registration pins position the film both horizontally and vertically. The timing is such that the register pins enter the film before the pulldown claw has left the film. After the frame is exposed, the register pin re-