



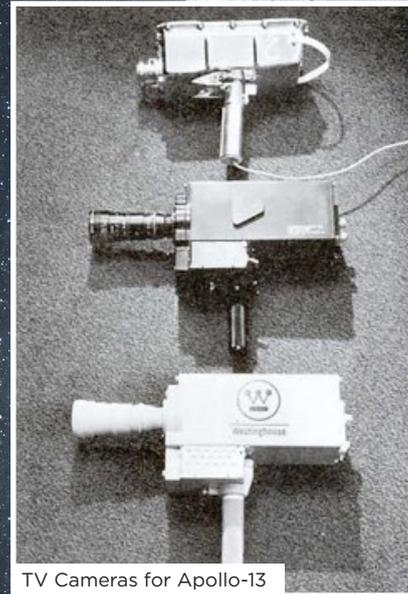
# A History in Space

## Westinghouse Archives- excerpts from 1965 press release

The Apollo television cameras were developed and built by Westinghouse Electric Corporation's Defense and Space Center in Baltimore under contract to the National Aeronautics and Space Administration's Manned Spacecraft Center in Houston. The Westinghouse-Apollo color TV camera will provide not only the added dimension of color but the advantage of a zoom lens.



Larkin Niemyer, director of engineering for the color camera, said the camera system used in the Command Module also includes a tiny television monitor which enables astronauts to see the exact picture being transmitted back to earth. The mini-monitor weighs only three pounds and has a black-and-white screen about the size of a credit card or two-by-two and three-quarter inches.



TV Cameras for Apollo-13

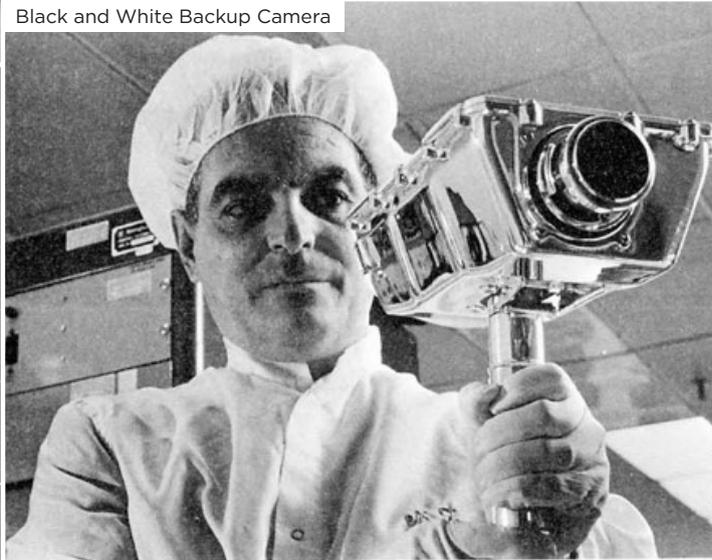
Lunar Surface Camera and Gantry Camera



## Gantry Camera

Some of the most dramatic motion picture footage of the Saturn V liftoff has come from a camera located on the Launch umbilical tower—called the gantry—next to the rocket. Apollo-13 will be the first time such wide-angle, color closeups of the launch will be seen in a live broadcast.

Black and White Backup Camera



## The Backup Camera

The little Westinghouse black and white camera that will serve as the video safety valve on Apollo-13 is designed to be both sensitive and rugged. Its sensitivity comes from its low-light-level SEC imaging tube.



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