

# Photogrammetric Engineering

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COVER PHOTO—Lunar Mapping Camera subsystem to be spaceborne in Apollo 15 Mission was designed and built by Fairchild Camera & Instrument Corporation—Space and Defense Systems Division, under contract to NASA Manned Spacecraft Center. Mounted in the forward portion of the Apollo Scientific Instrument Module (SIM), the camera will obtain high quality precision metric photographs of the lunar surface from a nominal orbital altitude of 60 miles. Directly mounted and aligned to the camera is a laser altimeter (RCA), which provides altitude information. The camera subsystem consists of two interlocking cameras—a metric camera and a stellar camera, whose optical axes and orientation relative to one another are fixed.

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### PHOTOGRAMMETRIST

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