



Smithsonian

National Air and Space Museum

Apollo Panoramic Camera (APC) Collection

Patti Williams

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National Air and Space Museum Archives
14390 Air & Space Museum Parkway
Chantilly, VA 20151
NASMRefDesk@si.edu
<https://airandspace.si.edu/archives>

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Collection Overview

Repository:	National Air and Space Museum Archives
Title:	Apollo Panoramic Camera (APC) Collection
Date:	1969-1971
Identifier:	NASM.2018.0007
Creator:	Itek Corporation
Extent:	0.79 Cubic feet (2 containers)
Language:	English .
Summary:	This collection consists of technical manuals and documents relating to the Apollo Panoramic Camera (APC).

Administrative Information

Acquisition Information

Stennis Space Center, Gift, 2018, NASM.2018.0007

Processing Information

Arranged, described, and encoded by Patti Williams, 2019.

Preferred Citation

Apollo Panoramic Camera (APC) Collection, NASM.2018.0007, National Air and Space Museum, Smithsonian Institution.

Restrictions

No restrictions on access

Conditions Governing Use

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Biographical / Historical

The Apollo Panoramic Camera (APC) was mounted in the Scientific Instrumentation Module of Apollos 15, 16 and 17. Itek built the panoramic camera for NASA to be used in the scientific mapping done during the final three Apollo missions. The camera provided high resolution photography along orbital groundtracks. The camera, which could operate in stereo mode, was mounted on the service module and recorded images on a film cassette. The cassette was then retrieved by the Command Module Pilot during an extravehicular activity (EVA) during the trans-Earth portion of the mission. The camera is a direct technological descendent of the Itek camera used in the U-2 photo reconnaissance programs.

Scope and Contents

This collection consists of the following technical manuals and documents: Critical Design Review Light Sensor and AEC Modification Panoramic Camera for Apollo Scientific Instrument Module; Photographic Data Utilization Manual; "Panoramic Camera for Scientific Instrument Model Monthly Progress Reports," 1969-1971; Panoramic Camera for Apollo Scientific Instrument Module, 1970; V/H Problem Analysis - Apollo 15, Panoramic Camera, Experiment S-163, 1971, two revisions one September and one November 1971; Familiarization and Integration Manual for Prototype Panoramic Camera for Scientific Instrument Module, 1970; a folder of Itek Critical Design Review actions; and a Preliminary Work Breakdown Structure Chart.

Arrangement

No arrangement.

Names and Subject Terms

This collection is indexed in the online catalog of the Smithsonian Institution under the following terms:

Subjects:

- Apollo Project
- Astronautics
- Technical manuals

Types of Materials:

- Panoramic photographs
- Technical documents