



Smithsonian

National Air and Space Museum

Fairchild Lunar Mapping Camera System Scrapbook [Hutchins]

Patricia Williams

2016

National Air and Space Museum Archives
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Collection Overview

Repository:	National Air and Space Museum Archives
Title:	Fairchild Lunar Mapping Camera System Scrapbook [Hutchins]
Date:	1966-1972
Identifier:	NASM.2015.0048
Creator:	Hutchins, Albert G.
Extent:	0.51 Cubic feet (1 box)
Language:	English .
Summary:	This collection consists of a brown 11.5 by 12 by 3 inch scrapbook entitled, " Apollo 15, 16, 17." The scrapbook documents the Fairchild Space and Defense System (FSDS) Lunar Mapping Camera, and the role of Albert G. Hutchins, program director of the FSDS's Lunar Mapping Camera Systems.
Digital Content:	Image(s): Fairchild Lunar Mapping Camera System Scrapbook [Hutchins]

Administrative Information

Acquisition Information

Linda Hutchins, Gift, 2015, NASM.2015.0048

Processing Information

Arranged and described by Patti Williams in 2016, encoded by Jessamyn Lloyd in 2019.

Preferred Citation

Fairchild Lunar Mapping Camera System Scrapbook [Hutchins], NASM.2015.0048, National Air and Space Museum, Smithsonian Institution.

Restrictions

No restrictions on access.

Conditions Governing Use

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Biographical / Historical

Fairchild Space and Defense Systems (FSDS), a division of Fairchild Camera and Instrument Corporation produced for NASA a Lunar Mapping Camera System that produced high resolution metric photographs of the Moon's surface. The system consisted of two precisely oriented frame cameras mounted in the

forward portion of the Apollo Scientific Instrument Module for the Apollo 15, 16, and 17 missions. It was remotely operated by the Command Module pilot during lunar orbit, and was deployed from the Apollo spacecraft when ready for use. Upon completion of the photographic mission, the camera was retracted and an astronaut performed an EVA to retrieve the film record container. The resulting photography was processed on the ground and provided scientific information of selenodesy as well as data on landing site analysis and topographic map compilation. Albert G. Hutchins was the program director of the FSDS's Lunar Mapping Camera Systems, working at FSDS from 1957 until 1975.

Scope and Contents

This collection consists of a brown 11.5 by 12 by 3 inch scrapbook entitled, " Apollo 15, 16, 17." The scrapbook documents the Fairchild Space and Defense System (FSDS) Lunar Mapping Camera, and the role of Albert G. Hutchins, program director of the FSDS's Lunar Mapping Camera Systems. The following types of material are included: newspaper articles; articles from the FSDS newsletter, *FOCUS*; photographs of the camera; general NASA photographs; Fairchild lunar photographs; patches; philately; brochures; and a 1966 volvelle, "Star and Satellite Pathfinder."

Arrangement

Collection is in original order.

Names and Subject Terms

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

Subjects:

- Apollo Project
- Astronautics
- Lunar photography

Types of Materials:

- Scrapbooks

Names:

- Fairchild Camera and Instrument Corporation

Container Listing

Box 1, Item 1

[\[Scrapbook\]](#)

Notes:

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