Smithsonian
National Air and Space Museum

Grumman Apollo Lunar Module Testing Collection [Leonard]

Patti Williams

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National Air and Space Museum Archives
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Collection Overview

Repository:	National Air and Space Museum Archives
Title:	Grumman Apollo Lunar Module Testing Collection [Leonard]
Identifier:	NASM.2018.0055
Date:	1964-1973
Extent:	1.66 Cubic Feet (1 record center box and 2 tubes)
Creator:	Grumman Aerospace Corporation
Language:	English
	This collection is in English.
Summary:	This collection consists of material documenting the structural testing of Grumman's Apollo Lunar Module system.

Administrative Information

Acquisition Information

Jonathan Leonard, Gift, 2018, NASM.2018.0055

Processing Information

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

Preferred Citation

Grumman Apollo Lunar Module Testing Collection [Leonard], NASM.2018.0055, National Air and Space Museum, Smithsonian Institution.

Restrictions

No restrictions on access

Conditions Governing Use

Material is subject to Smithsonian Terms of Use. Should you wish to use NASM material in any medium, please submit an Application for Permission to Reproduce NASM Material, available at Permissions Requests.

Biographical / Historical

The Apollo Lunar Module (LEM, LM) was a two-stage vehicle designed by Grumman Corporation for the National Aeronautics and Space Administration (NASA) to ferry two astronauts from lunar orbit to the

lunar surface and back. The upper ascent stage consisted of a pressurized crew compartment, equipment areas, and an ascent rocket engine. The lower descent stage had landing gear and contained the descent rocket engine and lunar surface experiments. Six such craft successfully landed on the Moon between 1969-1972. Willis H. Leonard was a senior structural test engineer for Grumman on this project.

Scope and Contents

This collection consists of the following material documenting the structural testing of Grumman's Apollo Lunar Module system: Grumman reports, notes, schedules, and test results; NASA mission reports and flight plans; charts; photographs; posters; and one Lunar Module (LM) (Lunar Test Article #3) film.

Arrangement

No arrangment, just by type.

Names and Subject Terms

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

Subjects:

Apollo Lunar Module
Astronautics
Manned space flight
Motion pictures
Project Apollo (U.S.)

Types of Materials:

Photographic prints
Technical manuals -- 20th century
Technical reports