Smithsonian
National Air and Space Museum

Videodisc Imagery Collection, Videodisc 6A Contents

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Collection Overview

Repository:	National Air and Space Museum Archives
Title:	Videodisc Imagery Collection, Videodisc 6A Contents
Date:	1964-1972 1989
Identifier:	NASM.XXXX.1000.1610
Extent:	2.43 Cubic feet (5 document boxes)
Language:	English .
Summary:	In 1989, the National Air and Space Museum (NASM) Archives published *National Air and Space Museum Archival Videodisc 6*, a LaserDisc CAV format 12-inch (30 cm) optical disc; this videodisc reproduced National Aeronautics and Space Administration (NASA) photography of American lunar missions from 1964 to 1972, including Ranger, Surveyor, Lunar Orbiter, and Apollo missions. This small collection consists of a historical series assembled by the NASM Archives to provide background information on lunar exploration missions by the United States and the Soviet Union; this material was reproduced on the first side (Side A) of NASM Archival Videodisc 6.
Digital Content:	Image(s): NASM 6A30196: Prime crew for the Apollo 15 lunar landing mission, March 1971. Left to right: David R. Scott, commander; Alfred M. Worden, command module pilot; and James B. Irwin, lunar module pilot. [NASA photo S-71-22401]

Administrative Information

Acquisition Information

Generated 1989, NASM.XXXX.1000.1610

Related Materials

Videodisc frame captures from this section of NASM Archival Videodisc 6, Side A, appear in Videodisc Imagery Collection, Videodisc 6A Frame Captures, NASM.XXXX.1000.4610 . The finding aid for this related digital collection uses subject headings based on the original printed paper finding aid issued with the published videodisc.

Processing Information

Arranged by staff of the NASM Archives, described and encoded by Melissa A. N. Keiser, 2021.

Preferred Citation

Videodisc Imagery Collection, Videodisc 6A Contents, Acc. NASM.XXXX.1000.1610, National Air and Space Museum, Smithsonian Institution.

Restrictions

No restrictions on access

Conditions Governing Use

Biographical / Historical

In 1982, faced with the twin challenges of providing rapid access to subject-oriented photography while still attempting to preserve the original prints, the Smithsonian National Air and Space Museum (NASM) initiated the NASM Archival Videodisc Program. This optical disc storage technology (LaserDisc) was first marketed to the public in the late 1970s as a means for marketing and distributing motion pictures, but the 12-inch constant angular velocity (CAV) format analogue videodiscs (similar in construction to later digital video discs or DVDs) could also be used to hold still pictures (approximately 50,000 still picture frames per side, or 100,000 images for a double-sided disc). Each frame was numbered, making it easy to access a specific image and "freeze" it for display on a television or video monitor.

NASM Archival Videodisc 6 reproduced National Aeronautics and Space Administration (NASA) photography of American lunar missions beginning with Ranger 7 in 1964 and ending with the flight of Apollo 17 in 1972, and including Ranger, Surveyor, Lunar Orbiter, and Apollo missions. Apollo imagery included 70 mm color and black-and-white photographs covering astronaut activity on the moon, lunar features, and Earth imagery, and metric mapping photographs. This videodisc was unusual in that it featured a large number of text images interspersed with the photography in historical sections presenting chronologies of American and Soviet lunar missions, Apollo missions, and biographies of the Apollo astronauts.

All photographic prints or color transparencies were sequentially numbered with printed title pages inserted into the sequence (black text on white paper) before the materials were photographed onto 35mm film for transfer to videodisc. Each videodisc was accompanied by a printed finding aid consisting of folder-level subject lists noting the image frame number or numbers associated with each subject.

Scope and Contents

This part of the Videodisc Imagery Collection, NASM.XXXX.1000 , consists of the NASM Archives holdings reproduced on NASM Archival Videodisc 6, Side A, as frames VD-6A29244 through VD-6A31425. This section is a historical series assembled by the NASM Archives in 1989 to provide background information on lunar exploration missions by the United States and the Soviet Union, drawing on photographs then held in the Space History Series of the NASM Technical Reference Files, with additional photography obtained from the National Aeronautics and Space Administration (NASA) Headquarters Public Affairs office and added to the collection. Museum staff added pages of text to create chronologies of American and Soviet lunar missions, Apollo missions, and biographies of the Apollo astronauts. Topics covered by the photography include launch vehicles (rockets), spacecraft, operations, personnel, and equipment such as the Apollo Lunar Roving Vehicles and the Apollo Mobile Quarantine Facility. NASA mission photography used to create all other sections of NASM Archival Videodisc 6 was returned to NASA at the completion of videodisc production and is not available from NASM Archives.

Photographs shot on videodisc as NASM 6A30686 through NASM 6A30836 as "LUNAR ROVING VEHICLE (CEPS COLLECTION)" were not found when collection was reboxed in June 2011. It is assumed that these print photographs were returned to the NASM Center for Earth and Planetary Studies (CEPS) after being shot for videodisc.

Arrangement

The materials photographed to produce this section of NASM Archival Videodisc 6, Side A, are arranged in videodisc frame number order, with a corresponding "print number" applied to each photographic print or paper text page in the collection. The print numbers consist of a prefix identifying the file as a NASM Archives image (NASM) followed by the videodisc number and side (6A) and the videodisc frame number (29244 through 31425). Each folder contains a range of 25 print numbers.

As individual photographs are digitized, item-level records will be added to the appropriate folders.

Names and Subject Terms

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

Subjects:

Aeronautics
Astronautics

Container Listing

Box 1	Box 1, NASM 6A29243 to 6A29575
Box 1, Folder 1	NASM 6A29243 to 6A29275
Box 1, Folder 2	NASM 6A29276 to 6A29300
Box 1, Folder 3	NASM 6A29301 to 6A29325
Box 1, Folder 4	NASM 6A29326 to 6A29350
Box 1, Folder 5	NASM 6A29351 to 6A29375
Box 1, Folder 6	NASM 6A29376 to 6A29400
Box 1, Folder 7	NASM 6A29401 to 6A29425
Box 1, Folder 8	NASM 6A29426 to 6A29450
Box 1, Folder 9	NASM 6A29451 to 6A29475
Box 1, Folder 10	NASM 6A29476 to 6A29500
Box 1, Folder 11	NASM 6A29501 to 6A29525
Box 1, Folder 12	NASM 6A29526 to 6A29550
Box 1, Folder 12	NASM 6A29540: Lovell, James A. "Jim"; Apollo 8 Flight, Crew; Apollo 8 Flight, Lunar Orbit, December 1968 Image(s): Lovell, James A. "Jim"; Apollo 8 Flight, Crew; Apollo 8 Flight, Lunar Orbit Notes: View of James A. "Jim" Lovell working in the Apollo 8 Command Module at the guidance and navigation station, taken during the lunar orbit mission, December 1968.
Box 1, Folder 12	NASM 6A29541: Lovell, James A. "Jim"; Apollo 8 Flight, Crew; Apollo 8 Flight, Lunar Orbit, December 1968 Image(s): Lovell, James A. "Jim"; Apollo 8 Flight, Crew; Apollo 8 Flight, Lunar Orbit Notes: View of James A. "Jim" Lovell working in the Apollo 8 Command Module at the guidance and navigation station, taken during the lunar orbit mission, December 1968.
Box 1, Folder 12	NASM 6A29550: Apollo 8 Flight, Launch, December 21, 1968 Image(s): Apollo 8 Flight, Launch

	Notes: 21 DEC 1968 - CAPE KENNEDY, FLORIDA. APOLLO 8 LIFTOFF --- The Apollo 8 (Spacecraft 103/Saturn 503) space vehicle is launched from Pad A, Launch Complex 39, Kennedy Space Center, at 7:51 A.M. (EST), December 21, 1968. The crew of the Apollo 8 lunar orbit mission is Astronauts Frank Borman, commander; James A. Lovell Jr., command module pilot; and William A. Anders, lunar module pilot. Apollo 8 is the first manned Saturn V launch. (Mobile launch tower on right.) [NASA photo S-69-15546]
Box 1, Folder 13	NASM 6A29551 to 6A29575
Box 2	Box 2, NASM 6A29576 to 6A29950
Box 2, Folder 1	NASM 6A29576 to 6A29600
Box 2, Folder 2	NASM 6A29601 to 6A29625
Box 2, Folder 3	NASM 6A29626 to 6A29650
Box 2, Folder 4	NASM 6A29651 to 6A29675
Box 2, Folder 5	NASM 6A29676 to 6A29700
Box 2, Folder 6	NASM 6A29701 to 6A29725
Box 2, Folder 7	NASM 6A29726 to 6A29750
Box 2, Folder 7	NASM 6A29735: Apollo 11 Flight, Crew, Training; Aldrin, Edwin "Buzz" Eugene, Jr; Armstrong, Neil A. Image(s): Apollo 11 Flight, Crew, Training; Aldrin, Edwin "Buzz" Eugene, Jr; Armstrong, Neil A. Notes: Two members of the Apollo 11 lunar landing mission participate in a simulation of deploying and using lunar tools on the surface of the moon during a training exercise in Bldg. 9 on April 22, 1969. Astronaut Edwin E. ["Buzz"] Aldrin Jr. (on left), lunar module pilot, uses scoop and tongs to pick up sample. Astronaut Neil A. Armstrong, Apollo 11 commander, holds bag to receive sample. In the background is a Lunar Module mockup. Both men are wearing Extravehicular Mobility Units (EMU).
Box 2, Folder 7	NASM 6A29747: Apollo 11 Flight, Prelaunch, 1969 Image(s): Apollo 11 Flight, Prelaunch Notes: View of the Apollo 11 space vehicle mounted on Pad A, Launch Complex 39 at Kennedy Space Center, Florida, 1969.
Box 2, Folder 7	NASM 6A29748: Apollo 11 Flight, Prelaunch, July 1, 1969

Image(s): Apollo 11 Flight, Prelaunch
Notes: Aerial view of the Apollo 11 space vehicle on Pad A, Launch Complex 39 at Kennedy Space Center during Apollo 11 Countdown Demonstration Test (CDDT) activity, July 1, 1969.

Box 2, Folder 8	NASM 6A29751 to 6A29775
Box 2, Folder 8	NASM 6A29755: Apollo 11 Flight, Launch, July 16, 1969 Image(s): Apollo 11 Flight, Launch Notes: View of the launch of the Apollo 11 launch, Kennedy Space Center, Florida, July 16, 1969.
Box 2, Folder 8	NASM 6A29767: Apollo 11 Flight, Lunar TV Transmissions; Armstrong, Neil Alden, July 20, 1969 Image(s): Apollo 11 Flight, Lunar TV Transmissions; Armstrong, Neil Alden Notes: Color photograph of black-and-white television screen; view from camera mounted on leg of Lunar Module "Eagle" showing Apollo 11 astronaut Neil A. Armstrong climbing down ladder, about to set foot on the Moon for the first time; 10:56 p.m., July 20, 1969.
Box 2, Folder 9	NASM 6A29776 to 6A29800
Box 2, Folder 10	NASM 6A29801 to 6A29825
Box 2, Folder 11	NASM 6A29826 to 6A29850
Box 2, Folder 12	NASM 6A29851 to 6A29875
Box 2, Folder 13	NASM 6A29876 to 6A29900
Box 2, Folder 14	NASM 6A29901 to 6A29925
Box 2, Folder 15	NASM 6A29926 to 6A29950
Box 3	Box 3, NASM 6A29951 to 6A30350
Box 3, Folder 1	NASM 6A29951 to 6A29975
Box 3, Folder 2	NASM 6A29976 to 6A30000
Box 3, Folder 3	NASM 6A30001 to 6A30025
Box 3, Folder 3	NASM 6A30020: Apollo 13 Flight, April 17, 1970 Image(s): Apollo 13 Flight Notes: View of the heavily damaged Apollo 13 Service Module (SM) as photographed from the Lunar/ Command Module after the SM was jettisoned on April

	17, 1970. Two of the SM's three fuel cells are visible just above the damaged area.
Box 3, Folder 4	NASM 6A30026 to 6A30050
Box 3, Folder 5	NASM 6A30051 to 6A30075
Box 3, Folder 6	NASM 6A30076 to 6A30100
Box 3, Folder 7	NASM 6A30101 to 6A30125
Box 3, Folder 8	NASM 6A30126 to 6A30150
Box 3, Folder 9	NASM 6A30151 to 6A30175
Box 3, Folder 10	NASM 6A30176 to 6A30200
Box 3, Folder 10	NASM 6A30193: Apollo 14 Flight, Lunar Exploration, Moon Rocks; Anderson, Daniel H. (Dr), February 24, 1971 Notes: APOLLO 14 SAMPLE PROCESSING [S71-21245 (24 Feb. 1971)] --- Dr. Daniel H. Anderson, an aerospace technologist and test director in the Nonsterile Nitrogen Processing Laboratory in the Lunar Receiving Laboratory at MSC [Manned Spacecraft Center, Houston, Texas] looks at much-discussed Apollo 14 basketball-sized rock through a microscope. The two moon-exploring crewmen of Apollo 14 brought back 90-odd pounds of lunar sample material from their two periods of extravehicular activity (EVA) on the lunar surface in the Fra Mauro area.
Box 3, Folder 10	NASM 6A30196: Apollo 15 Flight, Crew; Scott, David Randolph "Dave"; Worden, Alfred Merrill; Irwin, James Benson; Apollo Project, Astronauts, March 1971 Image(s): Apollo 15 Flight, Crew; Scott, David Randolph "Dave"; Worden, Alfred Merrill; Irwin, James Benson; Apollo Project, Astronauts Notes: MARCH 1971 - MANNED SPACECRAFT CENTER, HOUSTON, TEXAS. APOLLO 15 CREW --- These three astronauts have been named by the National Aeronautics and Space Administration as the prime crewmen of the Apollo 15 lunar landing mission. They are, left to right: David R. Scott, commander; Alfred M. Worden, command module pilot; and James B. Irwin, lunar module pilot. [NASA photo S-71-22401]
Box 3, Folder 11	NASM 6A30201 to 6A30225
Box 3, Folder 12	NASM 6A30226 to 6A30250

Box 3, Folder 12	NASM 6A30246: Apollo 16 Flight, Recovery, April 27, 1972 Image(s): Apollo 16 Flight, Recovery Notes: View from above of Apollo 16 Command Module suspended from its three parachutes about to splash down at 5 degrees N. latitude and 158.7 degrees W. longitude in the Pacific Ocean at the conclusion of its mission, 27 April 1972.
Box 3, Folder 13	NASM 6A30251 to 6A30275
Box 3, Folder 14	NASM 6A30276 to 6A30300
Box 3, Folder 15	NASM 6A30301 to 6A30325
Box 3, Folder 16	NASM 6A30326 to 6A30350
Box 4	Box 4, NASM 6A30351 to 6A31000
Box 4, Folder 1	NASM 6A30351 to 6A30375
Box 4, Folder 2	NASM 6A30376 to 6A30400
Box 4, Folder 3	NASM 6A30401 to 6A30425
Box 4, Folder 4	NASM 6A30426 to 6A30450
Box 4, Folder 5	NASM 6A30451 to 6A30475
Box 4, Folder 6	NASM 6A30476 to 6A30500
Box 4, Folder 7	NASM 6A30501 to 6A30525
Box 4, Folder 8	NASM 6A30526 to 6A30550
Box 4, Folder 9	NASM 6A30551 to 6A30575
Box 4, Folder 10	NASM 6A30576 to 6A30600
Box 4, Folder 11	NASM 6A30601 to 6A30625
Box 4, Folder 12	NASM 6A30626 to 6A30650
Box 4, Folder 13	NASM 6A30651 to 6A30675
Box 4, Folder 14	NASM 6A30676 to 6A30685 and NASM 6A30837 to 6A30850 Notes: Images NASM 6A30686 to 6A30836 reproduced on videodisc as "LUNAR ROVING VEHICLE (CEPS COLLECTION)" were not found when collection was reboxed in June 2011. It is assumed that the original print photographs were returned to the NASM Center for

Earth and Planetary Studies (CEPS) after being shot for videodisc.

Box 4, Folder 15	NASM 6A30851 to 6A30875
Box 4, Folder 16	NASM 6A30876 to 6A30900
Box 4, Folder 16	NASM 6A30879: Luna 3 Probe (Lunik 3), 1959 Image(s): Luna 3 Probe (Lunik 3) Notes: View of Luna 3 Soviet space probe, launched 4 October 1959.
Box 4, Folder 16	NASM 6A30887: Lunik 9 (Luna 9) Probe (31 Jan 66) (Russia), February 3, 1966 Image(s): Lunik 9 (Luna 9) Probe (31 Jan 66) (Russia) Notes: Side view (tipped slightly to the left) of Soviet lunar probe Luna 9 photographed against a black background. Dated on reverse 2/3/1966.
Box 4, Folder 17	NASM 6A30901 to 6A30925
Box 4, Folder 17	NASM 6A30901: Lunik 16 (Luna 16) Probe (12 Sep 70) (Russia), September 24, 1970 Image(s): Lunik 16 (Luna 16) Probe (12 Sep 70) (Russia) Notes: "The Soviet moon probe Luna 16, recovered on Earth." Side view of the Soviet Luna 16 lunar probe recovery capsule (right) with parachute still attached (left) on the ground, presumably shortly after landing in Kazakhstan, USSR, following its return to Earth on September 24, 1970.
Box 4, Folder 18	NASM 6A30926 to 6A30950
Box 4, Folder 19	NASM 6A30951 to 6A30975
Box 4, Folder 20	NASM 6A30976 to 6A31000
Box 5	Box 5, NASM 6A31001 to 6A31425
Box 5, Folder 1	NASM 6A31001 to 6A31025
Box 5, Folder 2	NASM 6A31026 to 6A31050
Box 5, Folder 3	NASM 6A31051 to 6A31075
Box 5, Folder 4	NASM 6A31076 to 6A31100
Box 5, Folder 5	NASM 6A31101 to 6A31125
Box 5, Folder 6	NASM 6A31126 to 6A31150

Box 5, Folder 7	NASM 6A31151 to 6A31175
Box 5, Folder 8	NASM 6A31176 to 6A31200
Box 5, Folder 9	NASM 6A31201 to 6A31225
Box 5, Folder 10	NASM 6A31226 to 6A31250
Box 5, Folder 11	NASM 6A31251 to 6A31275
Box 5, Folder 12	NASM 6A31276 to 6A31300
Box 5, Folder 13	NASM 6A31301 to 6A31325
Box 5, Folder 14	NASM 6A31326 to 6A31350
Box 5, Folder 15	NASM 6A31351 to 6A31375
Box 5, Folder 16	NASM 6A31376 to 6A31400
Box 5, Folder 17	NASM 6A31401 to 6A31425