

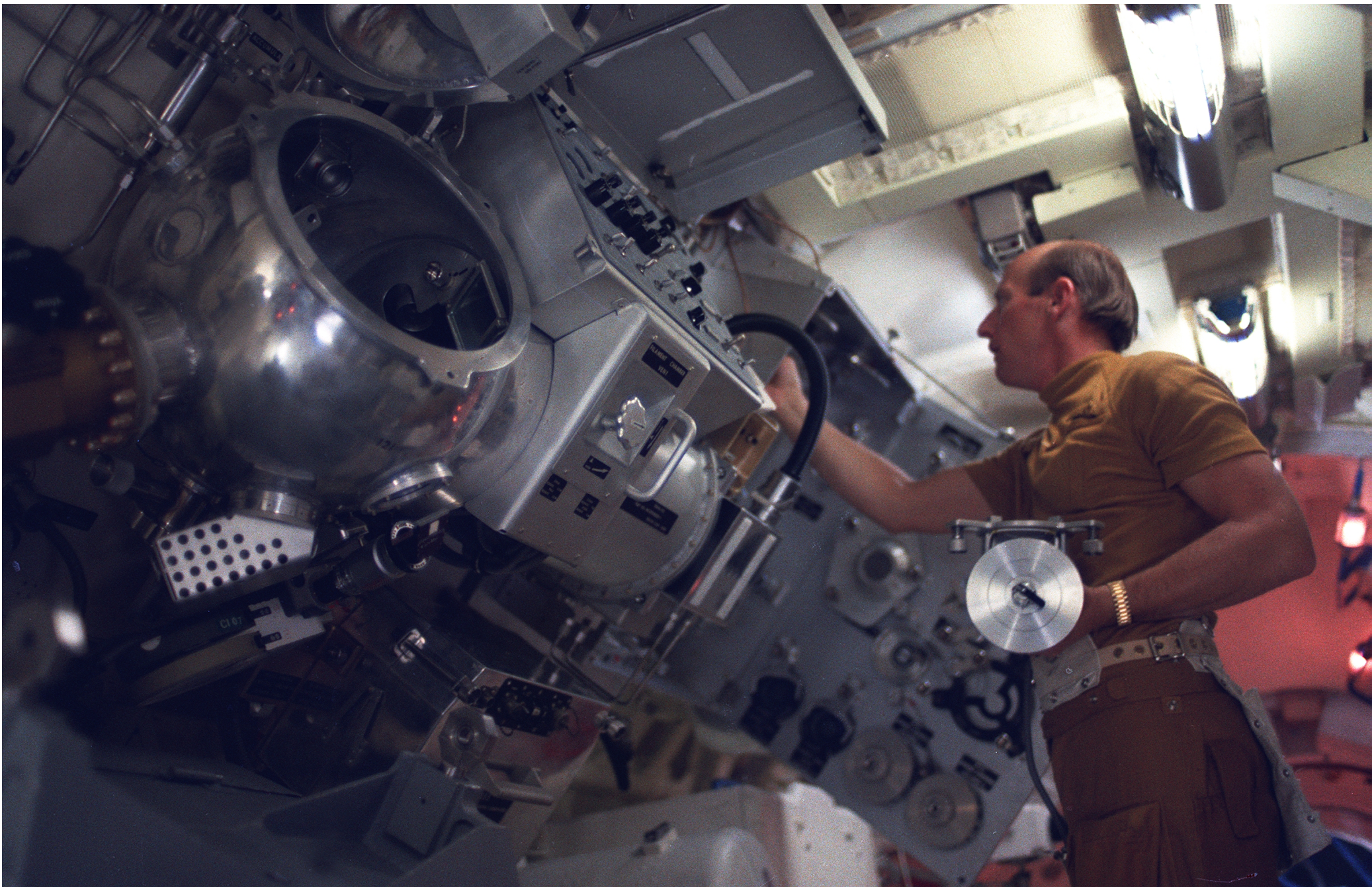


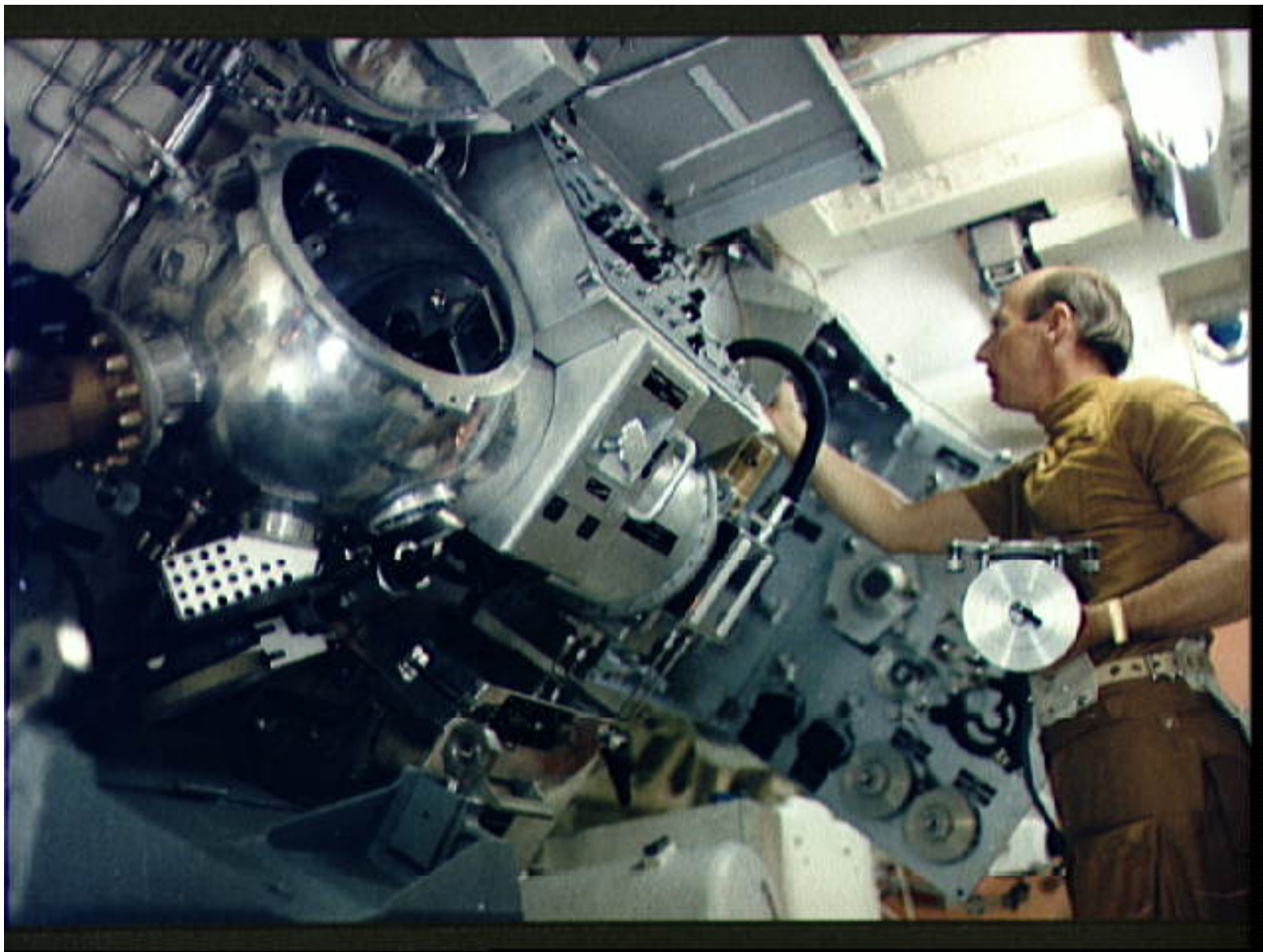
**SKYLAB  
IMAGE  
GALLERY**



S73-20759 (March 1, 1973) - Astronaut Charles Conrad Jr., commander of the first manned Skylab mission, takes items from the M512 materials processing equipment storage assembly during Skylab training at JSC. Conrad is standing in the Multiple Docking Adapter (MDA) trainer in the JSC Mission Simulation and Training Facility. The assembly holds equipment designed to explore space manufacturing capability in a weightless state. Conrad is holding one of the experiment parts in his left hand.

[high res \(5.1 M\)](#) [low res \(51 K\)](#)





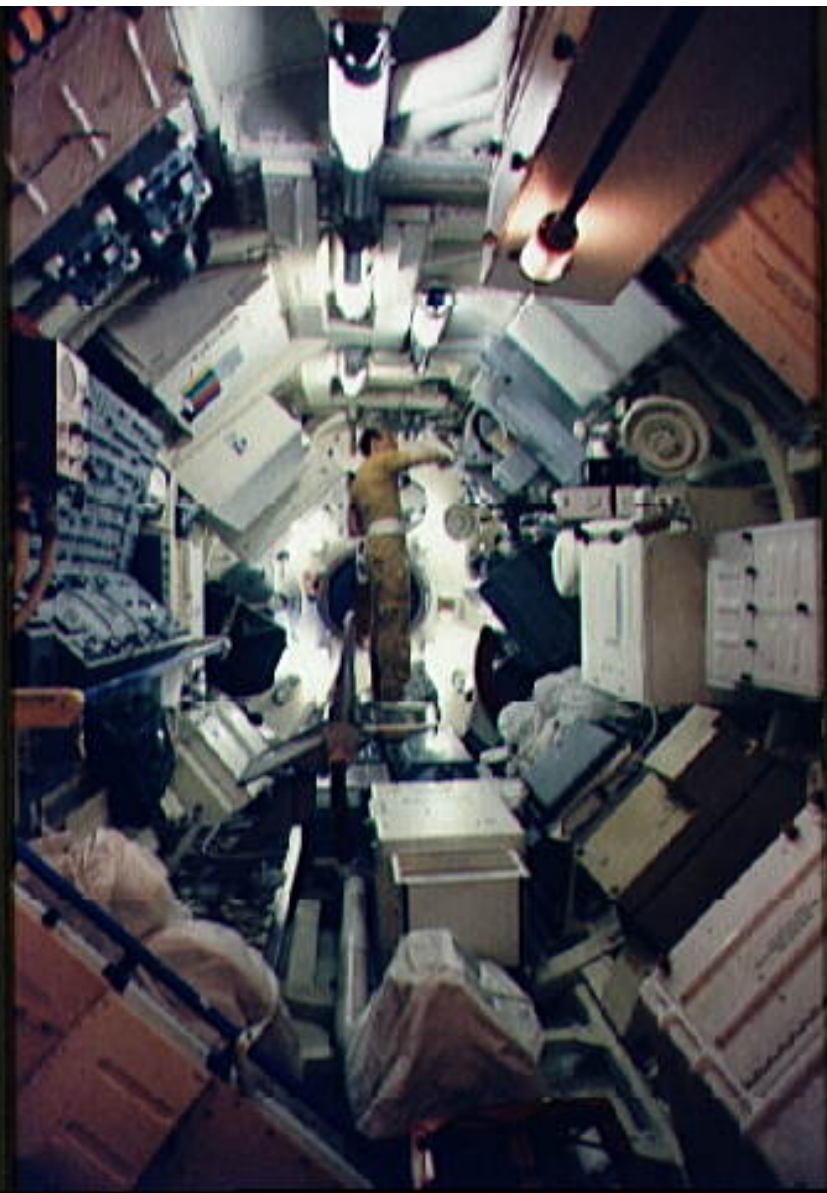


S73-20774 (March 1, 1973) - Astronaut Charles Conrad Jr., commander of the first manned Skylab mission, goes through a checklist of experiment activity during Skylab training at JSC. Conrad is standing in the Multiple Docking Adapter (MDA) in the Mission Simulation and Training Facility At JSC. He is working at the materials

high res (5.2 M) low res (41 K)







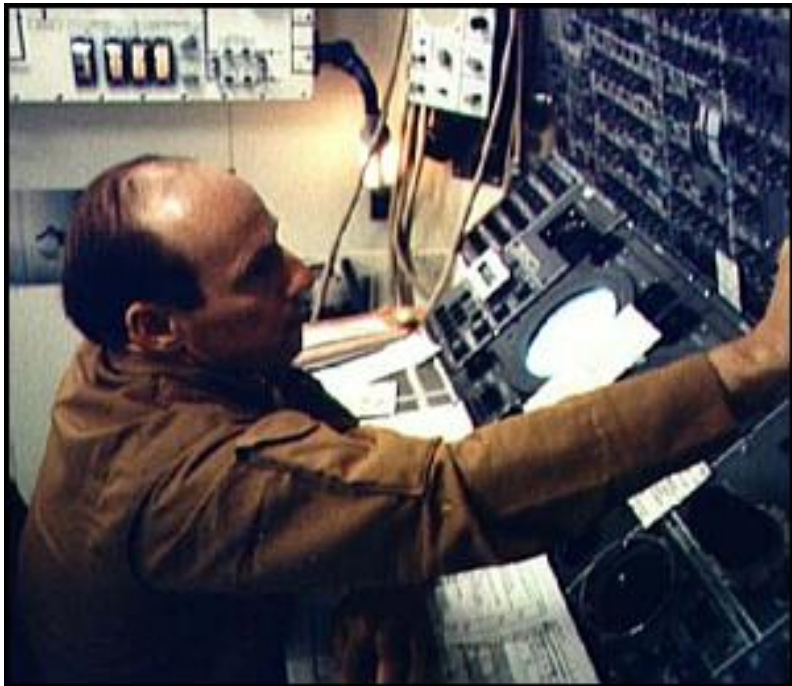




S71-51259 (09/21/71) - Portrait of Astronaut Charles Conrad Jr. in civilian clothes, seated with a book in his lap.

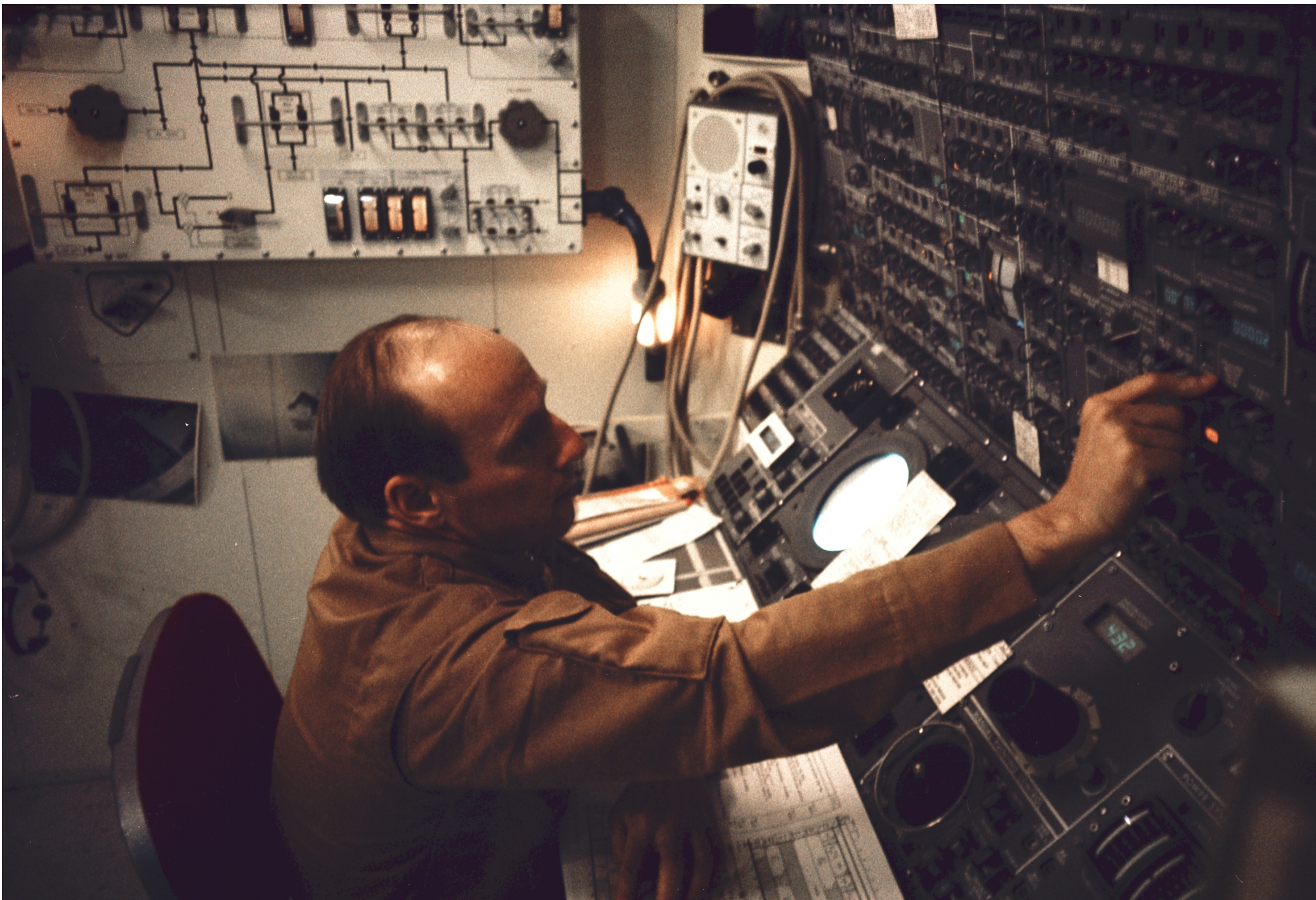
**low res (31 K)**

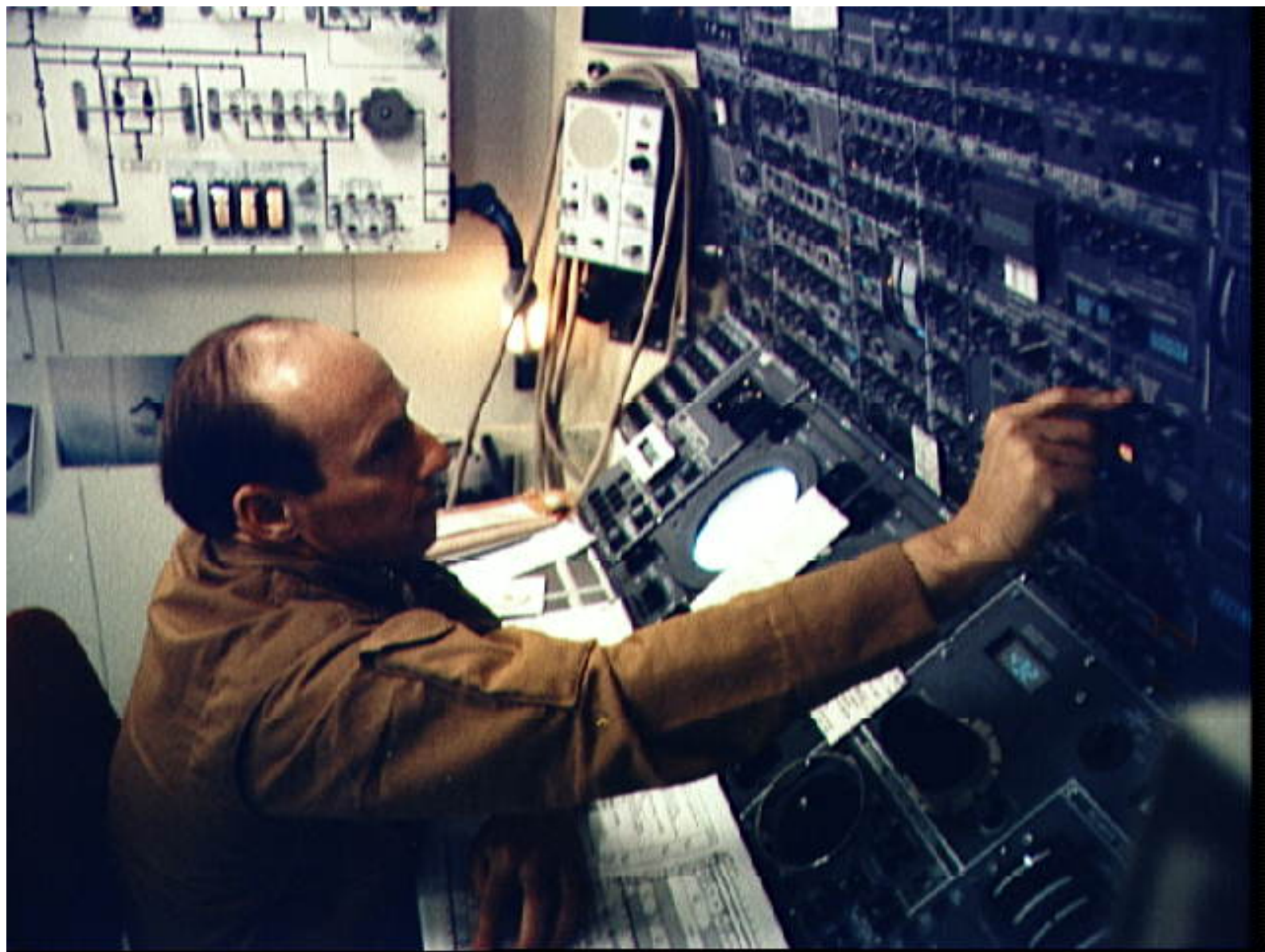




S73-16765 (02/01/73) - Astronaut Charles Conrad, Jr. is seen working with the control panels of the Skylab Orbital Workshop trainer during Skylab training at the Johnson Space Center.

[high res \(4.4 M\)](#) [low res \(52 K\)](#)







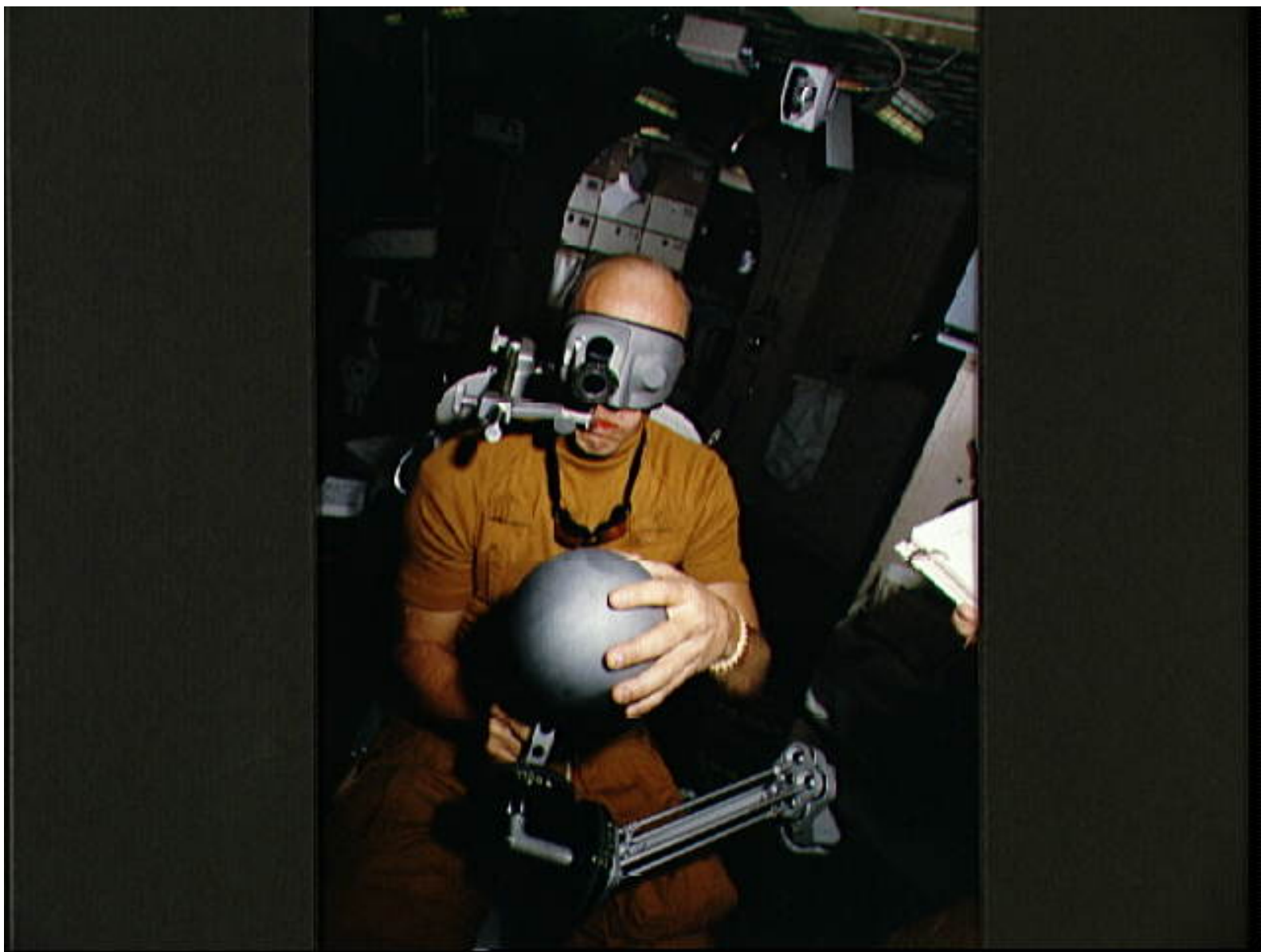
S73-20695 (03/01/73) - Astronaut Charles Conrad Jr., commander of the first manned Skylab mission, checks out the Human Vestibular Function, Experiment M131, during Skylab training at JSC. Conrad is in the work and experiments compartment of the crew quarters of the Skylab Orbital Workshop (OWS) trainer at JSC. The reference sphere with a magnetic rod is used by the astronaut to indicate body orientation non-visually. The litter chair in which he is seated can be rotated by a motor at its base or, when not being rotated, can tilt forward, backward or to either side.

[high res \(5.4 M\)](#) [low res \(29 K\)](#)





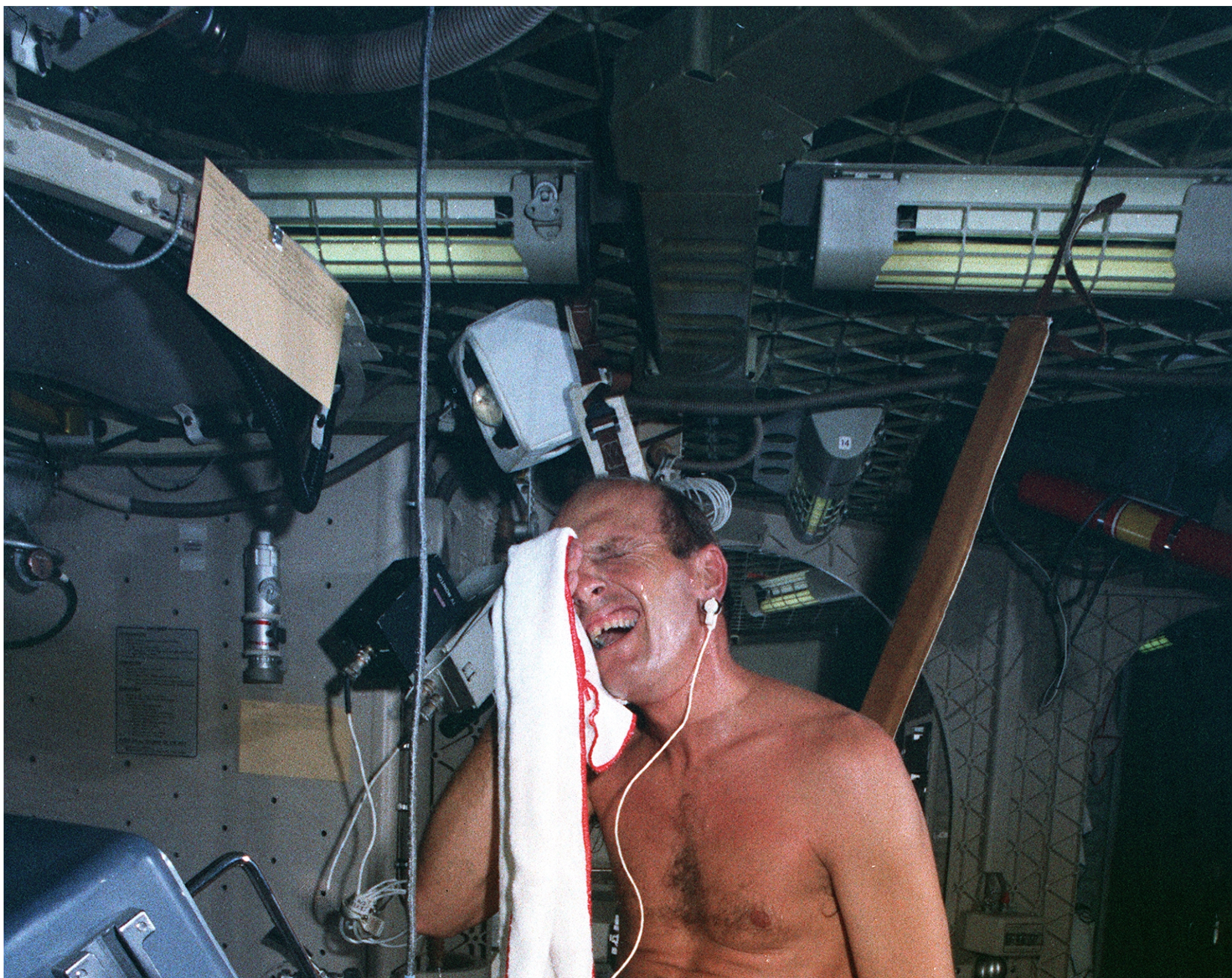






S73-20713 (03/01/73) - Astronaut Charles Conrad Jr., commander of the first manned Skylab mission, wipes perspiration from his face following an exercise session on the bicycle ergometer during Skylab training at JSC. Conrad is in the work and experiments compartment of the crew quarters of the Skylab Orbital Workshop (OWS) trainer at JSC. In addition to being the prime exercise for the crewmen, the ergometer is also used for the vector-cardiogram test and the metabolic activity experiment. The bicycle ergometer produces measured work loads for use in determining man's metabolic effectiveness.

[high res \(5.5 M\)](#) [low res \(37 K\)](#)



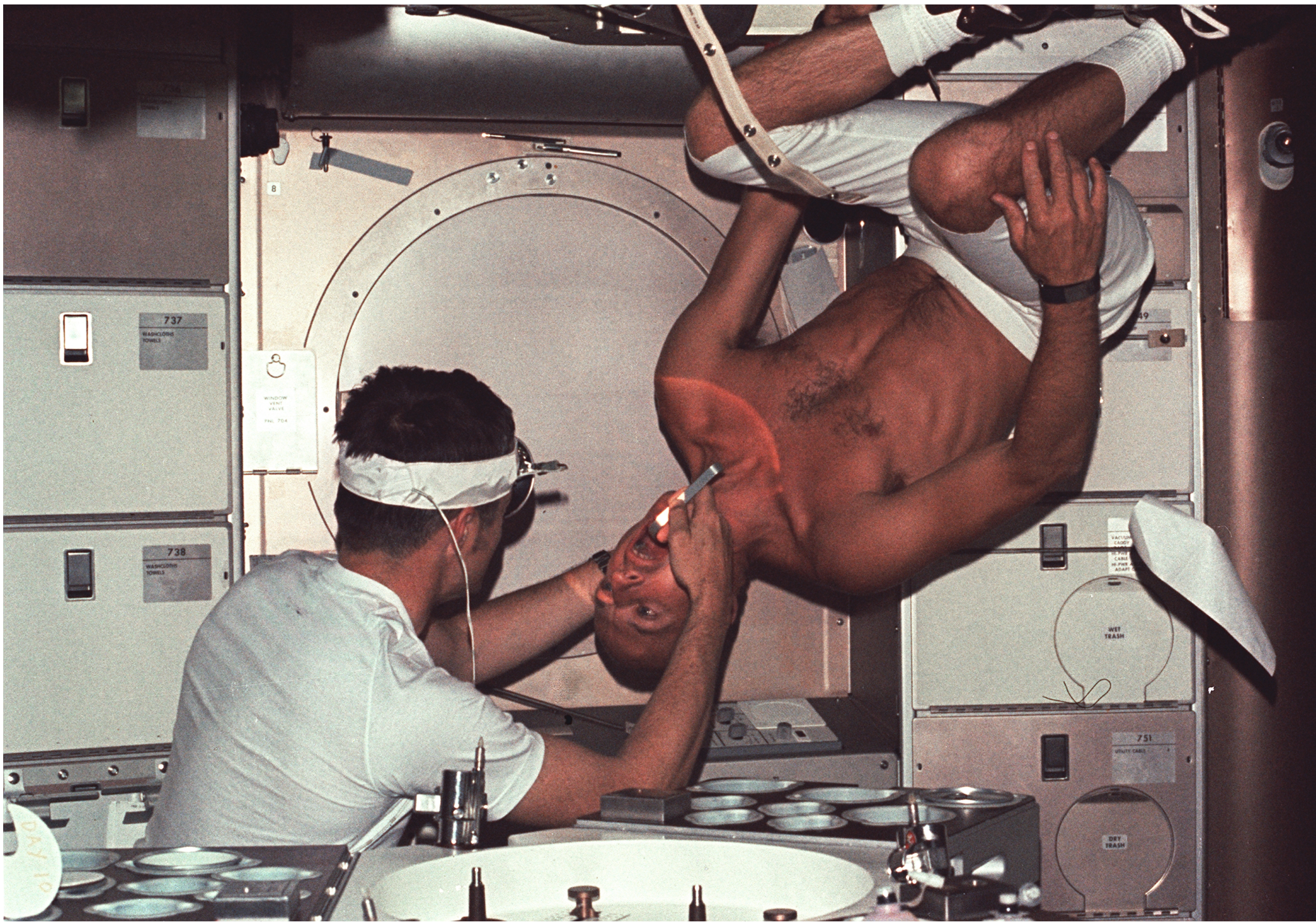


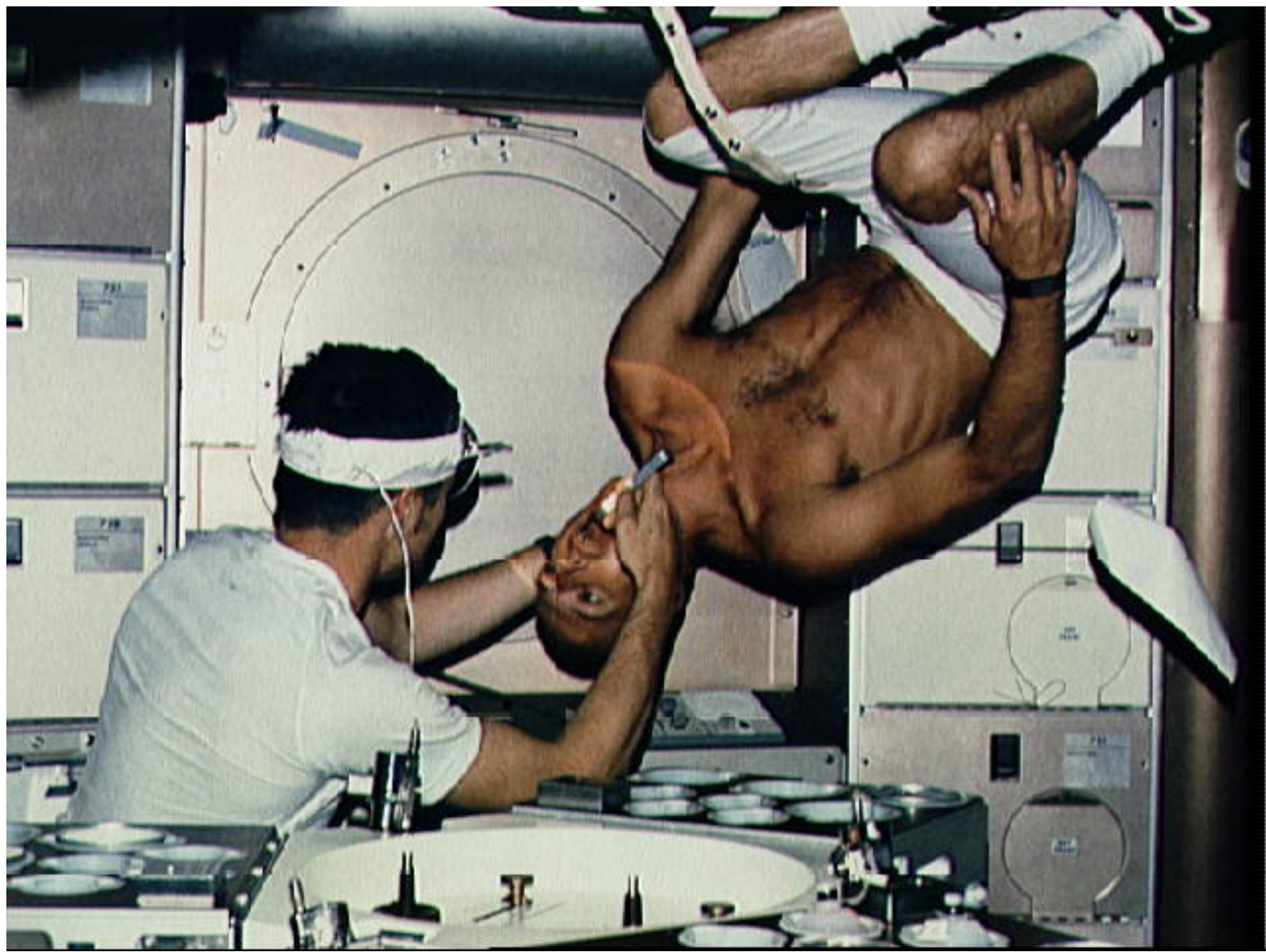




SL2-02-157 (May-June 1973) - Skylab 2  
Commander Charles Conrad is seen undergoing a dental examination by the Medical Officer, Joseph Kerwin in the Skylab Medical Facility. In the absence of an examination chair, Conrad simply rotated his body to an upside down position to facilitate the procedure.

high res (4.9 M) low res (54 K)





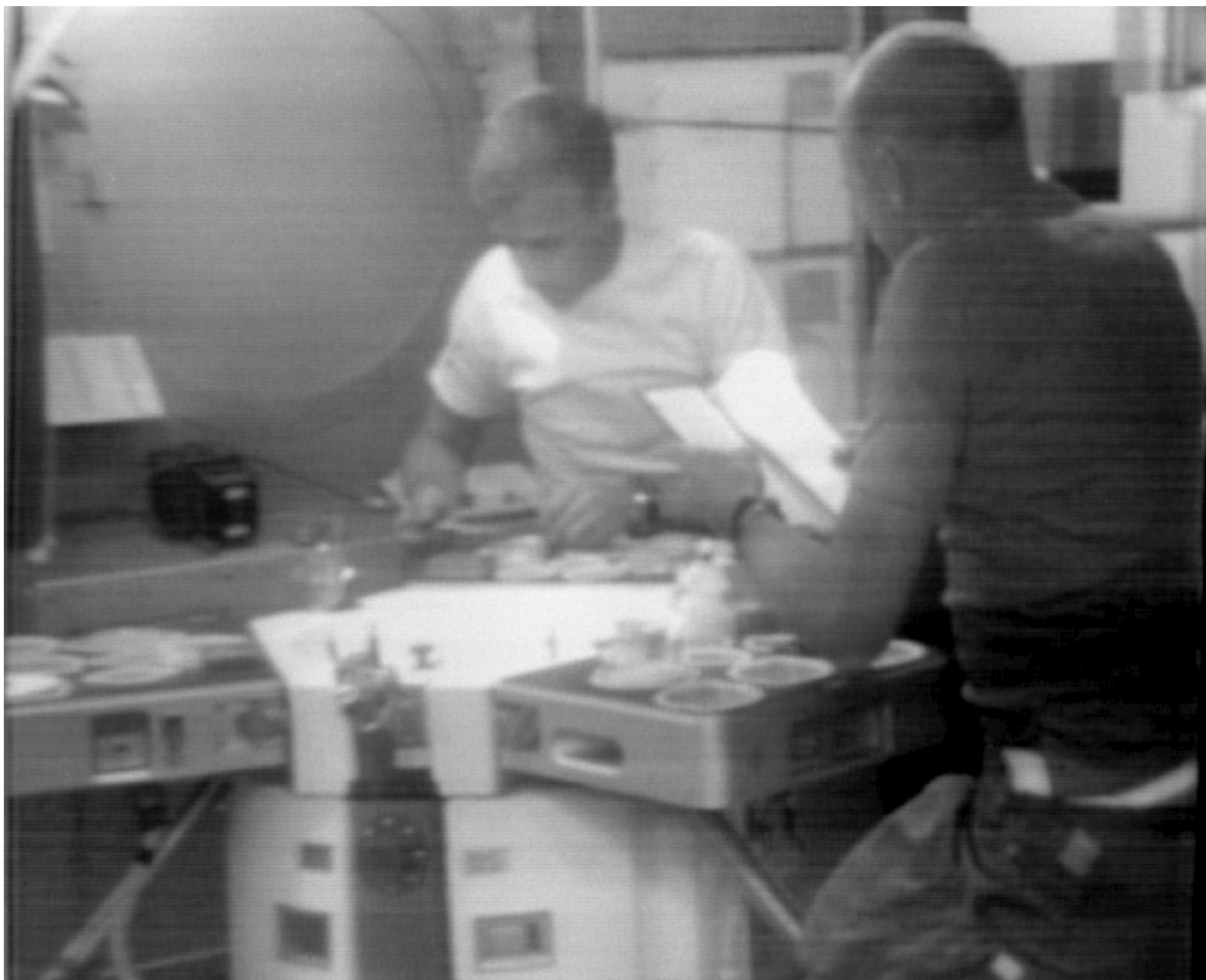




S73-27081 (05/30/73) - Two of the three Skylab 2 astronauts are seen in the wardroom of the crew quarters of the Orbital Workshop of the Skylab 1 space station cluster in Earth orbit in this reproduction taken from a color television transmission made by a TV camera aboard the space station. They are preparing to eat a meal. Astronaut Charles Conrad Jr., commander, is in the right foreground. In the background is scientist-astronaut Joseph P. Kerwin, science pilot.

**high res (4.2 M) low res (171 K)**

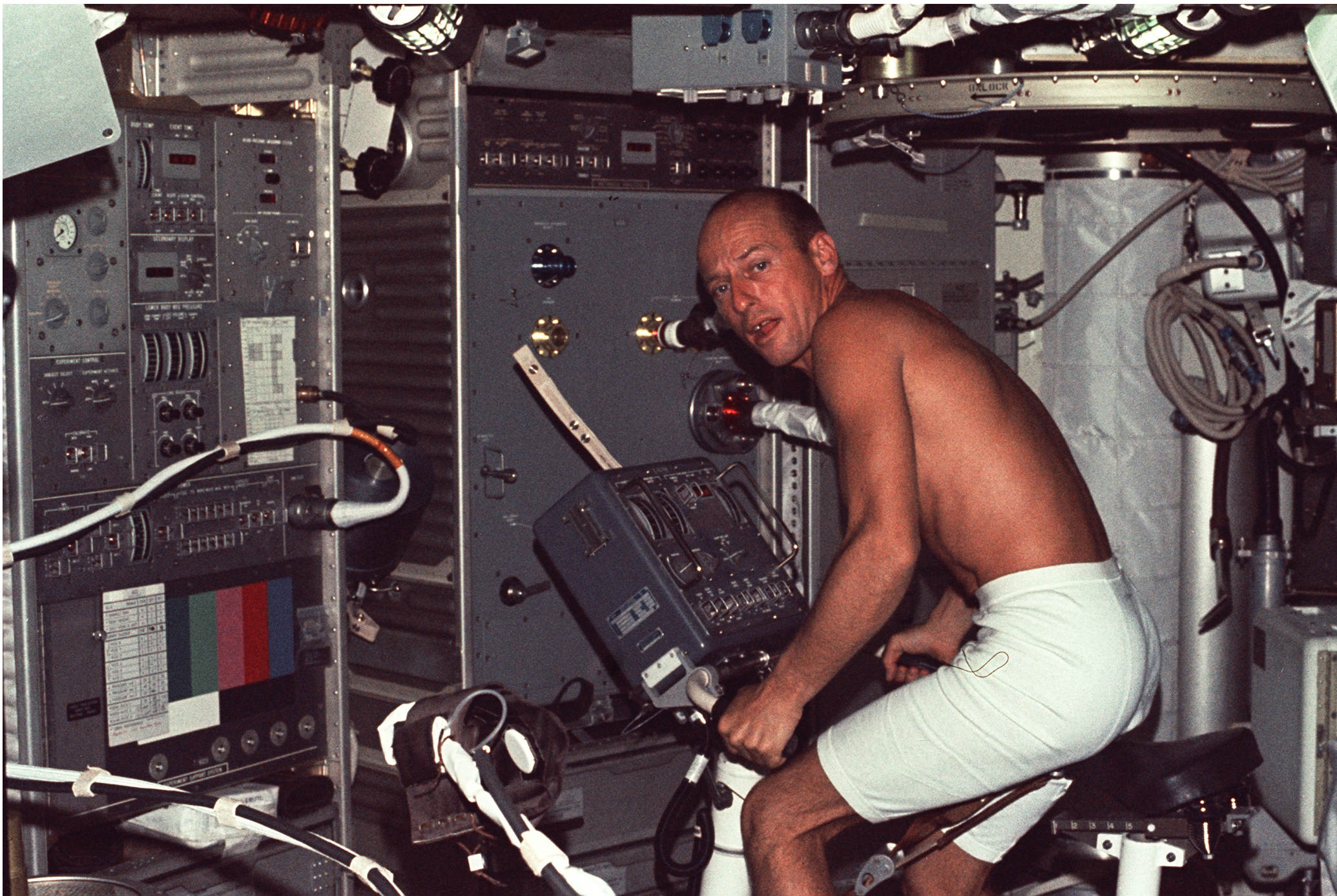


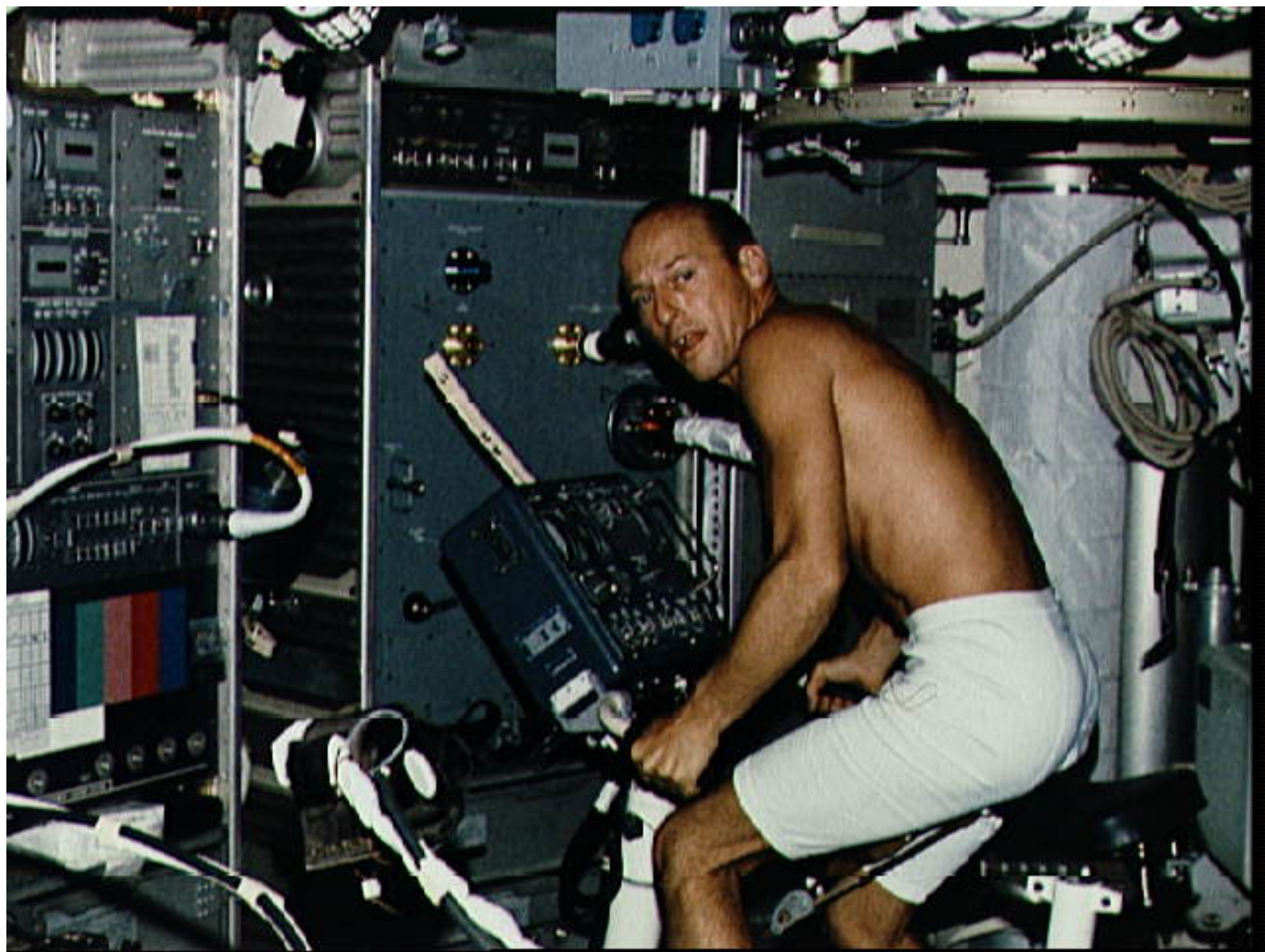




SL2-02-161 (06/01/73) - Astronaut Charles Conrad Jr., Skylab 2 commander, during an exercise session on the bicycle ergometer in the crew quarters of the Skylab Orbital Workshop (OWS) in the Skylab 2 space station cluster in Earth orbit.

[high res \(5.1 M\)](#) [low res \(59 K\)](#)







S72-17509 (19 January 1972) - These three men are the crewmen for the first manned Skylab mission. They are astronaut Charles Conrad Jr., commander, standing left; scientist-astronaut Joseph P. Kerwin, seated; and Astronaut Paul J. Weitz, pilot. They were photographed and interviewed during an open

[high res](#) (6.1 M) [low res](#) (245 K)









# JSC Digital Image Collection

## Press Release Images

# Skylab Project

[Skylab Overview](#)

[Skylab 2](#)

[Skylab 3](#)

[Skylab 4](#)

# JSC Digital Image Collection

## Press Release Images

# Skylab Overview

NASA Photo ID:

Title:

S69-31726	<a href="#">image</a>	<a href="#">text</a>	List of Apollo Telescope Mount scientific experiments
S69-31727	<a href="#">image</a>	<a href="#">text</a>	Artist's concept illustrating Apollo Telescope Mount and experiment package
S69-34498	<a href="#">image</a>	<a href="#">text</a>	Apollo Applications Program Cluster
S70-00475	<a href="#">image</a>	<a href="#">text</a>	Artist's concept illustrating cutaway view of Apollo Telescope Mount
S70-00477	<a href="#">image</a>	<a href="#">text</a>	Artist's concept illustrating canister cut view of Apollo Telescope Mount
S70-01908	<a href="#">image</a>	<a href="#">text</a>	Artist's concept illustrating crewmembers with Earth Resources Experiment
S70-06463	<a href="#">image</a>	<a href="#">text</a>	Map of North America marked indicating areas coverage from Apollo photography
S70-06464	<a href="#">image</a>	<a href="#">text</a>	Map of Europe marked indicating areas of coverage from Apollo photography
S70-06465	<a href="#">image</a>	<a href="#">text</a>	Map of South America marked indicating areas covered by Apollo photographs
S70-16743	<a href="#">image</a>	<a href="#">text</a>	View of Skylab food can measuring compartment
S70-19937	<a href="#">image</a>	<a href="#">text</a>	Artist's concept illustrating Skylab earth survey operations from orbit
S71-00163	<a href="#">image</a>	<a href="#">text</a>	View of Skylab Saturn IB Launch Configuration Complex 39B at KSC
S71-23088	<a href="#">image</a>	<a href="#">text</a>	Line drawing illustrating Skylab crew rescue mission profile

S71-52192	<a href="#">image</a>	<a href="#">text</a>	Artist's concept of Skylab space station cluster in Earth's orbit
S71-55994	<a href="#">image</a>	<a href="#">text</a>	Artist's concept illustrating cutaway view of Skylab Airlock Module
S71-55995	<a href="#">image</a>	<a href="#">text</a>	Artist's concept illustrating cutaway view of Skylab 1 Orbital Workshop (OWS)
S71-55996	<a href="#">image</a>	<a href="#">text</a>	Artist's concept illustrating cutaway view of Skylab multiple docking adapter
S71-55997	<a href="#">image</a>	<a href="#">text</a>	Artist's concept illustrating cutaway view of Skylab Apollo Telescope Mount
S72-00140	<a href="#">image</a>	<a href="#">text</a>	Graph illustrating the Skylab crew time allocation
S72-15409	<a href="#">image</a>	<a href="#">text</a>	View of food tray to be used in Skylab program
S72-30705	<a href="#">image</a>	<a href="#">text</a>	Artist's concept of Skylab space station cluster in Earth's orbit
S72-41853	<a href="#">image</a>	<a href="#">text</a>	Two of three astronauts who will participate in SMEAT activity
S72-41855	<a href="#">image</a>	<a href="#">text</a>	Astronaut Robert Crippen simulates preparation of Skylab meal
S72-41858	<a href="#">image</a>	<a href="#">text</a>	Astronauts Crippen and Thornton stand with off-duty recreation equipment
S72-43280	<a href="#">image</a>	<a href="#">text</a>	Astronaut Robert Crippen holds training model of Skylab experiment
S72-43282	<a href="#">image</a>	<a href="#">text</a>	SMEAT astronauts give a preview of use of the SMEAT experiments
S72-43283	<a href="#">image</a>	<a href="#">text</a>	SMEAT astronauts give a preview of use of the SMEAT experiments
S72-44715	<a href="#">image</a>	<a href="#">text</a>	Skylab Medical Experiments Altitude Test (SMEAT) crew patch
S72-47794	<a href="#">image</a>	<a href="#">text</a>	Artist's concept of deployed Skylab facilities with astronaut portraits
S72-50247	<a href="#">image</a>	<a href="#">text</a>	View of Skylab drink containers

S73-00005	<a href="#">image</a>	<a href="#">text</a>	Artist's concept illustrating ground coverage for EREP
S73-23918	<a href="#">image</a>	<a href="#">text</a>	Artist's concept illustrating cutaway view of Skylab 1 Orbital Workshop (OWS)
S73-23919	<a href="#">image</a>	<a href="#">text</a>	Artist's concept illustrating cutaway view of Skylab 1 Orbital Workshop (OWS)
S73-23952	<a href="#">image</a>	<a href="#">text</a>	Emblem for the NASA Skylab program
S73-24315	<a href="#">image</a>	<a href="#">text</a>	Artist's concept illustrating cutaway view of Skylab 1 Orbital Workshop (OWS)
S73-24316	<a href="#">image</a>	<a href="#">text</a>	Artist's concept illustrating cutaway view of Skylab 1 Orbital Workshop (OWS)
S73-25654	<a href="#">image</a>	<a href="#">text</a>	Double exposure to illustrate size difference between Skylab 1 and 2
S73-31922	<a href="#">image</a>	<a href="#">text</a>	Artist's concept illustrating cutaway view of Skylab Rescue Command Module
S77-23479	<a href="#">image</a>	<a href="#">text</a>	Wide-angle view of Orbiter Aero-flight simulator in bldg 5
S78-23630	<a href="#">image</a>	<a href="#">text</a>	Artist drawings of the Teleoperator Retrieval System
S78-23631	<a href="#">image</a>	<a href="#">text</a>	Artist drawings of the Teleoperator Retrieval System

## APOLLO TELESCOPE MOUNT SCIENTIFIC EXPERIMENTS

EXPERIMENT NUMBERS	ORGANIZATION	PRINCIPAL INVESTIGATOR	INSTRUMENT	PURPOSE
S052	HIGH ALTITUDE OBSERVATORY	DR. G. NEWKIRK, JR.	WHITE LIGHT CORONAGRAPH	MONITOR THE BRIGHTNESS, FORM AND POLARIZATION OF THE SOLAR CORONA IN WHITE LIGHT.
S082	NRL	MR. J. D. PURCELL	CORONAL SPECTROHELIOGRAPH	MAKE HIGH-SPATIAL RESOLUTION MONOCHROMETRIC SOLAR IMAGES IN THE 160-650 ANGSTROM RANGE
			CHROMOSPHERIC SPECTROGRAPH	RECORD SOLAR SPECTRA IN THE 800-3000 ANGSTROM RANGE WITH HIGH SPECTRAL RESOLUTION
S054	AS & E	DR. R. GIACCONI	X-RAY SPECTROGRAPHIC TELESCOPE	STUDY SOLAR FLARE EMISSIONS IN THE SOFT X-RAY WAVELENGTHS (2-60 ANGSTROMS)
S055	HCO	DR. L. GOLDBERG	UV SCANNING POLYCHROMATOR SPECTROHELIOMETER	PHOTOELECTRICALLY RECORD HIGH RESOLUTION SOLAR IMAGES AND STUDY EMISSION SPECTRA OF SELECTED FEATURES OF SOLAR DISC.
S056	GSFC	MR. J. E. MILLIGAN	HI-RESOLUTION X-RAY TELESCOPES	OBTAIN TIME-HISTORIES OF THE DYNAMICS OF THE SOLAR ATMOSPHERE IN X-RAYS IN THE 3-100 ANGSTROM RANGE

# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S69-31726

File Name: 10076031.jpg

Film Type: 4x5 BW

Date Taken: 03/07/69

Title: List of Apollo Telescope Mount scientific experiments

Description:

List of Apollo Telescope Mount (ATM) scientific experiments. The ATM is a component of the Apollo Applications Program Orbital Workshop.

Subject terms:

GRAPHS (CHARTS)

SKYLAB PROGRAM

SPACEBORNE EXPERIMENTS

TELESCOPES



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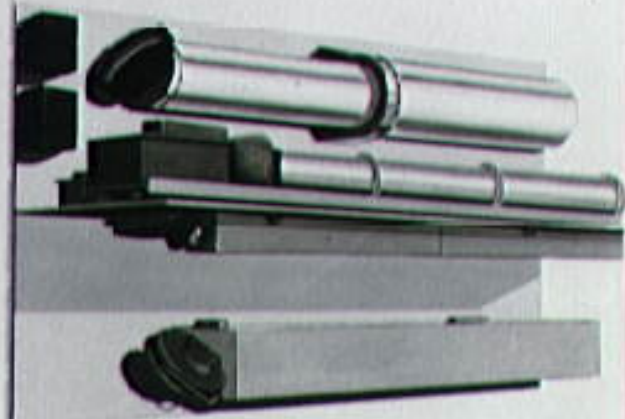
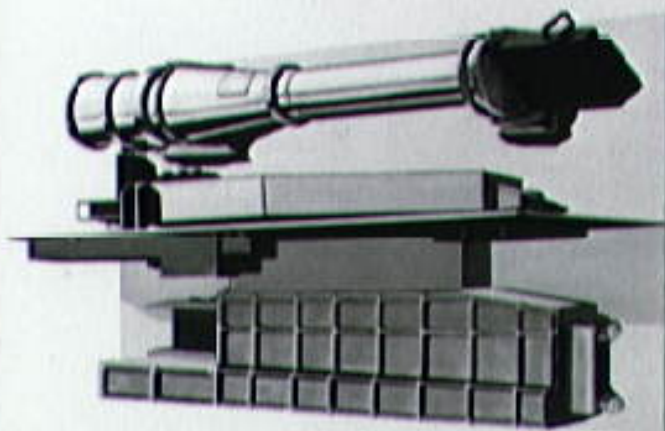
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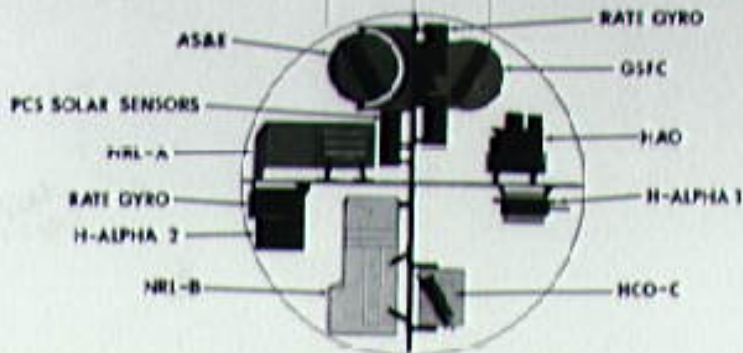


# ATM EXPERIMENTS AND EXPERIMENT PACKAGE



## DIMENSIONS

DIAMETER 82"  
 LENGTH 134.5"



# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S69-31727

File Name: 10076032.jpg

Film Type: 4x5 BW

Date Taken: 03/07/69

Title: Artist's concept illustrating Apollo Telescope Mount and experiment package  
Description:

Artist's concept illustrating the Apollo Telescope Mount and experiment package. The ATM is a component of the Apollo Applications Program Orbital Workshop.

Subject terms:

GRAPHIC ARTS

SKYLAB PROGRAM

SPACEBORNE EXPERIMENTS

TELESCOPES

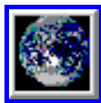
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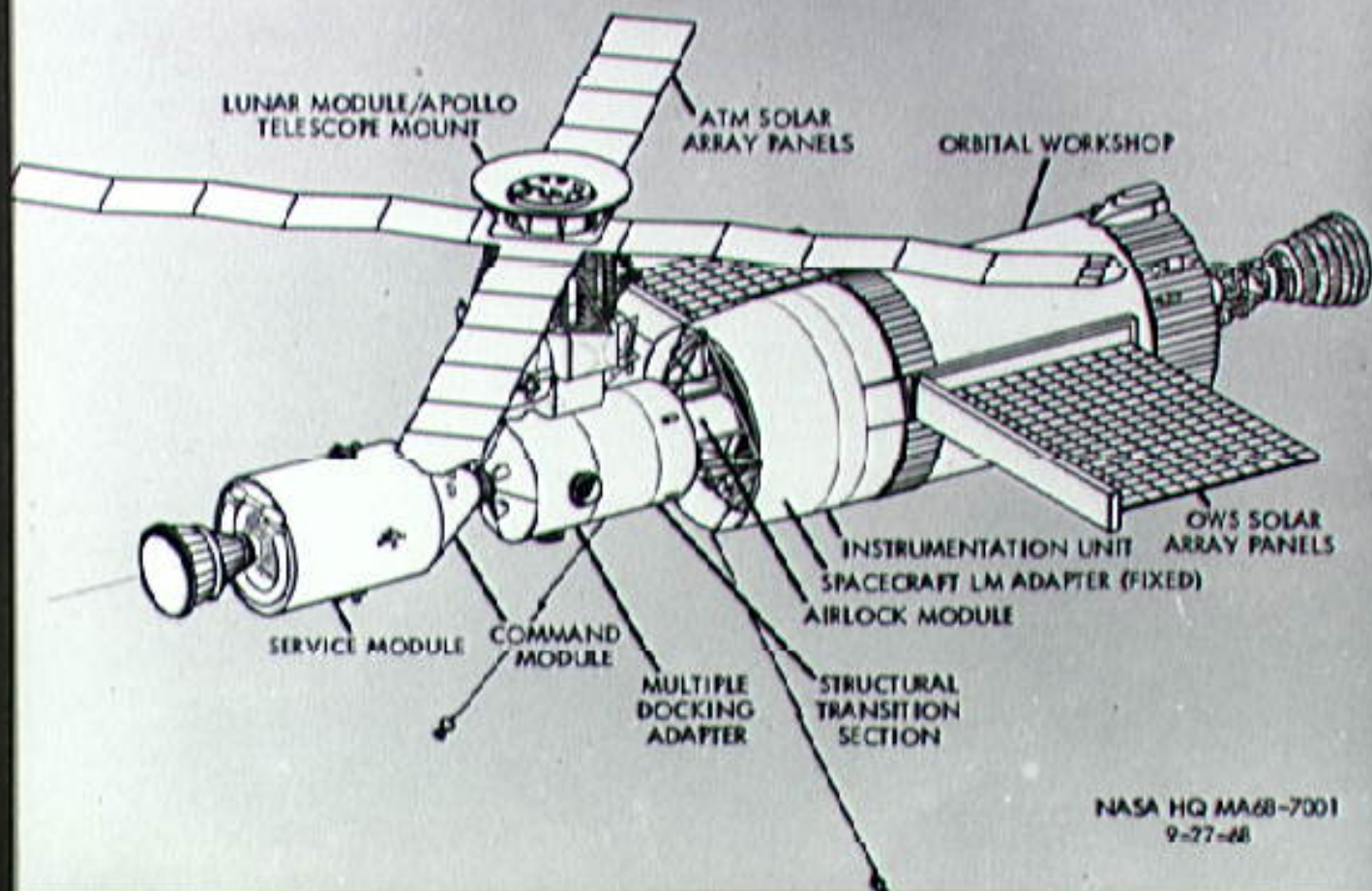
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Last Updated: February 23, 2000

# AAP CLUSTER



NASA HQ MA68-7001  
9-27-68

# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S69-34498

File Name: 10076020.jpg

Film Type: 4x5 BW

Date Taken: 05/12/69

Title: Apollo Applications Program Cluster

Description:

Labeled artist's concept of Apollo Applications Program (AAP) Skylab Cluster.

Subject terms:

GRAPHIC ARTS

ORBITAL SPACE STATIONS

SKYLAB PROGRAM

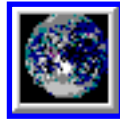
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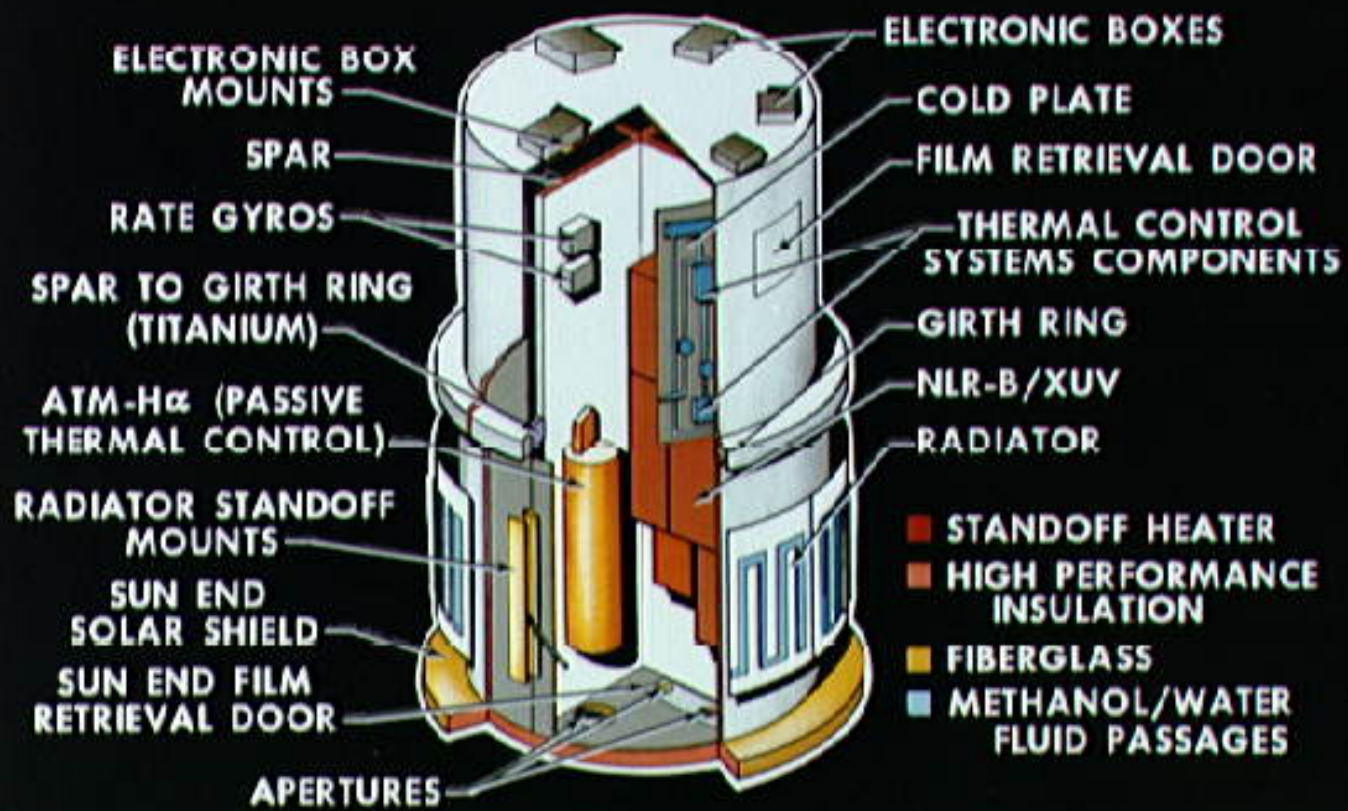
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NASA Technical Monitor: [Scott Norr](#)

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# APOLLO TELESCOPE MOUNT EXPERIMENT CANISTER



# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S70-00475

File Name: 10076030.jpg

Film Type: 4x5

Date Taken: 01/01/70

Title: Artist's concept illustrating cutaway view of Apollo Telescope Mount  
Description:

An artist's concept illustrating a cutaway view of the Apollo Telescope Mount (ATM). The ATM is one of the five major components of the Skylab 1 space station cluster which were launched into Earth orbit. This view includes a color coded key to different systems at the bottom right of the view. Other areas of the experiment canister are also labeled.

Subject terms:

GRAPHIC ARTS

MANNED ORBITAL LABORATORIES

ORBITAL SPACE STATIONS

SKYLAB PROGRAM

SUPPORTS

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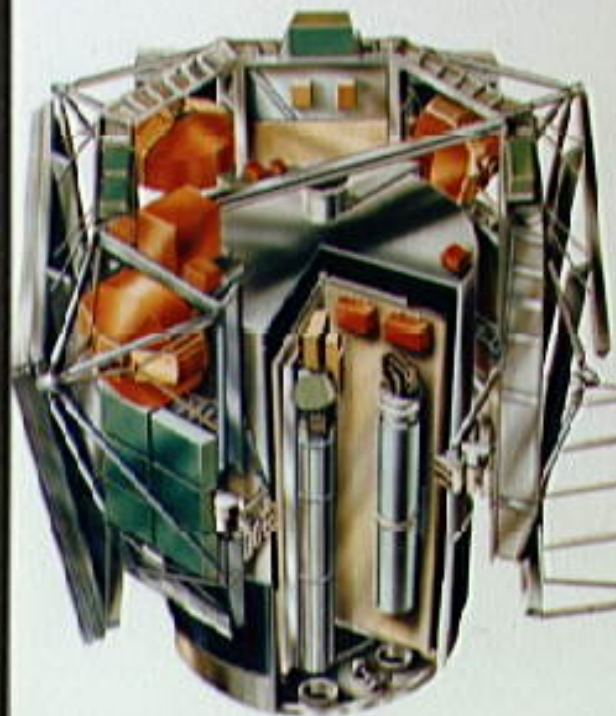
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# APOLLO TELESCOPE MOUNT CANISTER CUT



- ELECTRICAL SYSTEM
- INSTRUMENTATION AND COMMUNICATION SYSTEM
- POINTING CONTROL SYSTEM



# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S70-00477

File Name: 10076029.jpg

Film Type: 4x5

Date Taken: 01/01/70

Title: Artist's concept illustrating canister cut view of Apollo Telescope Mount

Description:

An artist's concept illustrating a canister cut view of the Apollo Telescope Mount (ATM). The ATM is one of the five major components of the Skylab 1 space station cluster which were launched into Earth orbit. This view includes a color-coded key to the right of the view which helps label the electrical system, instrumentation and communication system, and pointing control system.

Subject terms:

GRAPHIC ARTS

MANNED ORBITAL LABORATORIES

ORBITAL SPACE STATIONS

SKYLAB PROGRAM

SUPPORTS

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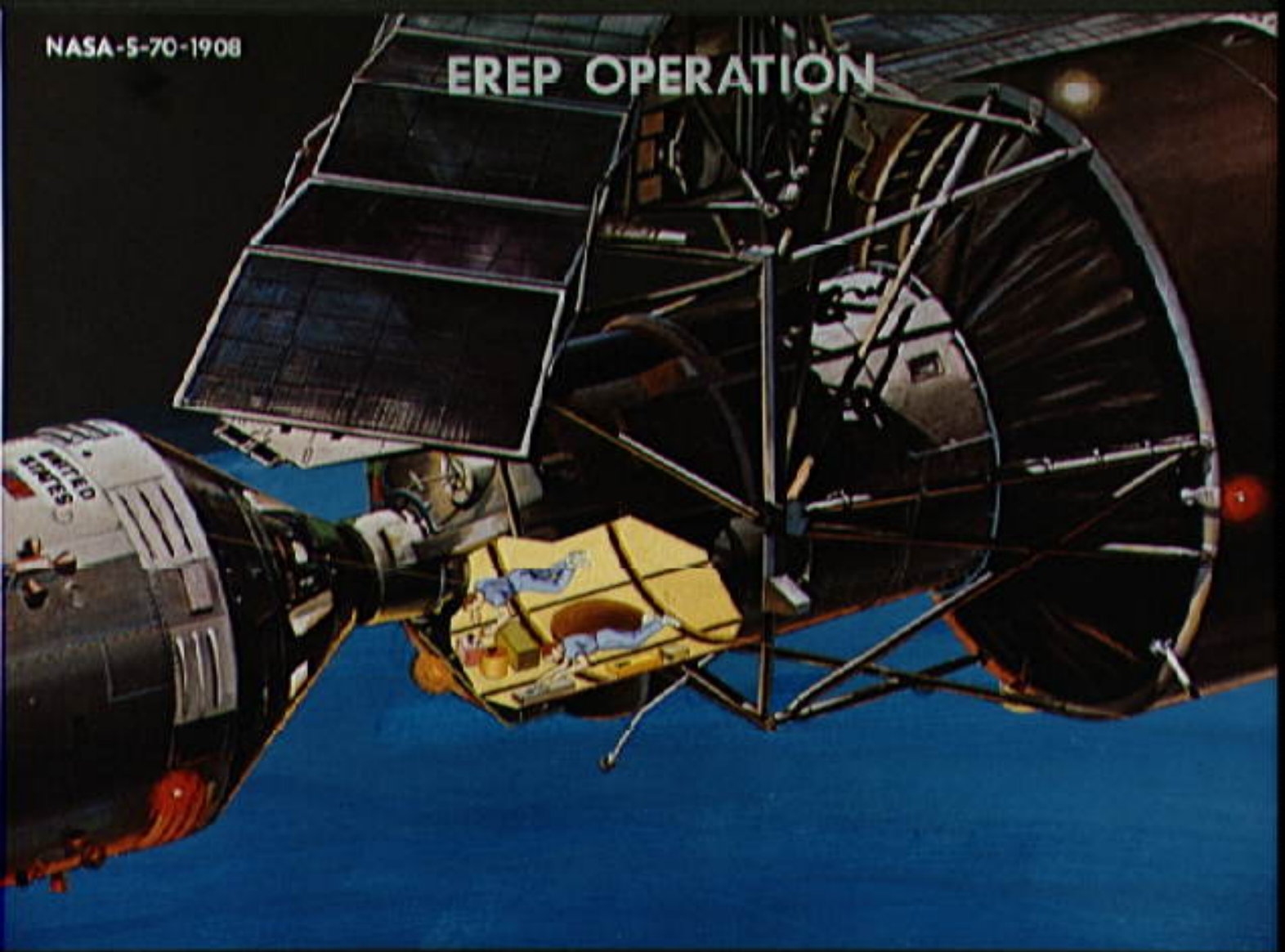
NASA Technical Monitor: [Scott Norr](#)

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NASA-5-70-1908

# EREP OPERATION



# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S70-01908

File Name: 10076035.jpg

Film Type: 4x5

Date Taken: 05/01/70

Title: Artist's concept illustrating crewmembers with Earth Resources Experiment

Description:

An artist's concept of two crew members busily engaged with the Earth Resources Experiment Package (EREP) in the Multiple Docking Adapter of the Earth-orbiting Skylab cluster.

Subject terms:

ADAPTERS

EARTH RESOURCES

GRAPHIC ARTS

MANNED ORBITAL LABORATORIES

ORBITAL SPACE STATIONS

SKYLAB PROGRAM

SPACEBORNE EXPERIMENTS

SPACECRAFT DOCKING

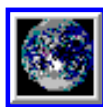
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NASA Technical Monitor: [Scott Norr](#)

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Last Updated: February 23, 2000

# NORTH AMERICA



# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S70-06463

File Name: 10076036.jpg

Film Type: 4x5

Date Taken: 06/29/70

Title: Map of North America marked indicating areas coverage from Apollo photography

### Description:

This map of North America has been marked to indicate areas of photographic imagery available from Apollo photography (32-degree orbits) as opposed to that imagery which will be available from a 50-degree inclined orbit. The region between the two broken lines will be in the area that can be covered by the first manned Skylab mission in 1973.

### Subject terms:

EARTH RESOURCES

MAPS

NORTH AMERICA

PHOTOGRAPHY

SKYLAB PROGRAM



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# EUROPE



# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S70-06464

File Name: 10076038.jpg

Film Type: 4x5

Date Taken: 06/29/70

Title: Map of Europe marked indicating areas of coverage from Apollo photography

Description:

This map of Europe has been marked to indicate areas of photographic imagery available from Apollo photography (32-degree orbits) as opposed to that imagery which will be available from a 50-degree inclined orbit. The region between the two broken lines will be in the area that can be covered by Skylab A photographic facilities in the 1972-73 time period.

Subject terms:

EARTH RESOURCES

EUROPE

MAPS

PHOTOGRAPHY

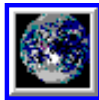
SKYLAB PROGRAM



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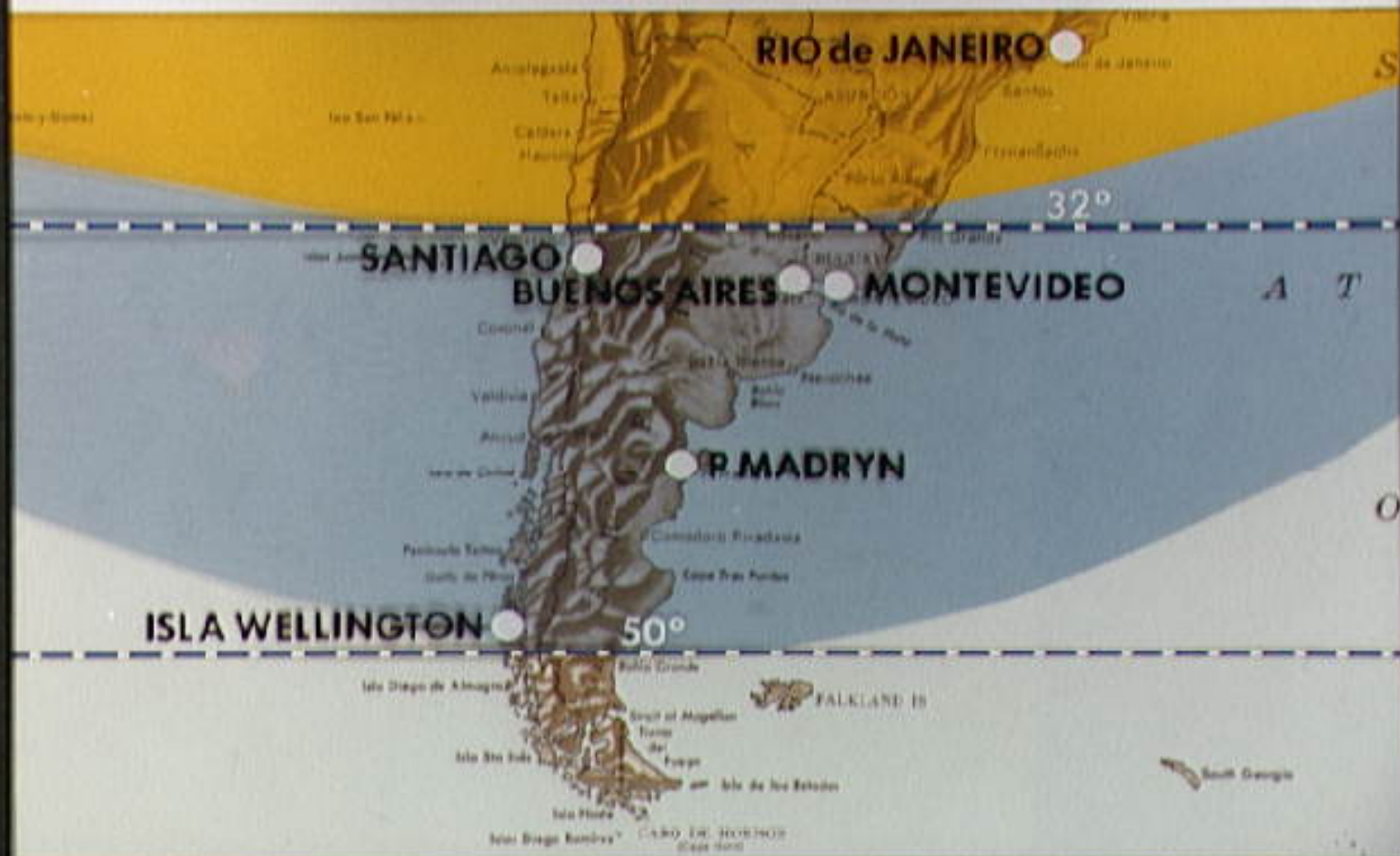
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NASA Technical Monitor: [Scott Norr](#)

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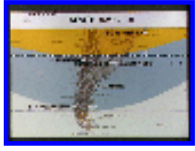
Last Updated: February 23, 2000

# SOUTH AMERICA



# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S70-06465

File Name: 10076037.jpg

Film Type: 4x5

Date Taken: 06/29/70

Title: Map of South America marked indicating areas covered by Apollo photographs

Description:

This map of South America has been marked to indicate areas of photographic imagery available from Apollo photography (32-degree orbits) as opposed to that imagery which will be available from a 50-degree inclined orbit. The region between the two broken lines will be in the area that can be covered by the first manned Skylab mission in 1973.

Subject terms:

EARTH RESOURCES

MAPS

PHOTOGRAPHY

SKYLAB PROGRAM

SOUTH AMERICA



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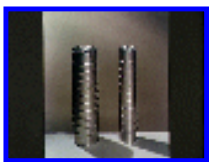
Last Updated: February 23, 2000





# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S70-16743

File Name: 10076042.jpg

Film Type: 4x5

Date Taken: 11/01/70

Title: View of Skylab food can measuring compartment

Description:

A close-up view of a Skylab food can measuring compartment. The one at left represents 11 food cans of that particular size. Smaller food cans are represented by the one on the right.

Subject terms:

CONTAINERS

FOOD

SKYLAB PROGRAM

SPACE FLIGHT FEEDING



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Last Updated: February 23, 2000

# SKYLAB-EARTH SURVEY OPERATIONS

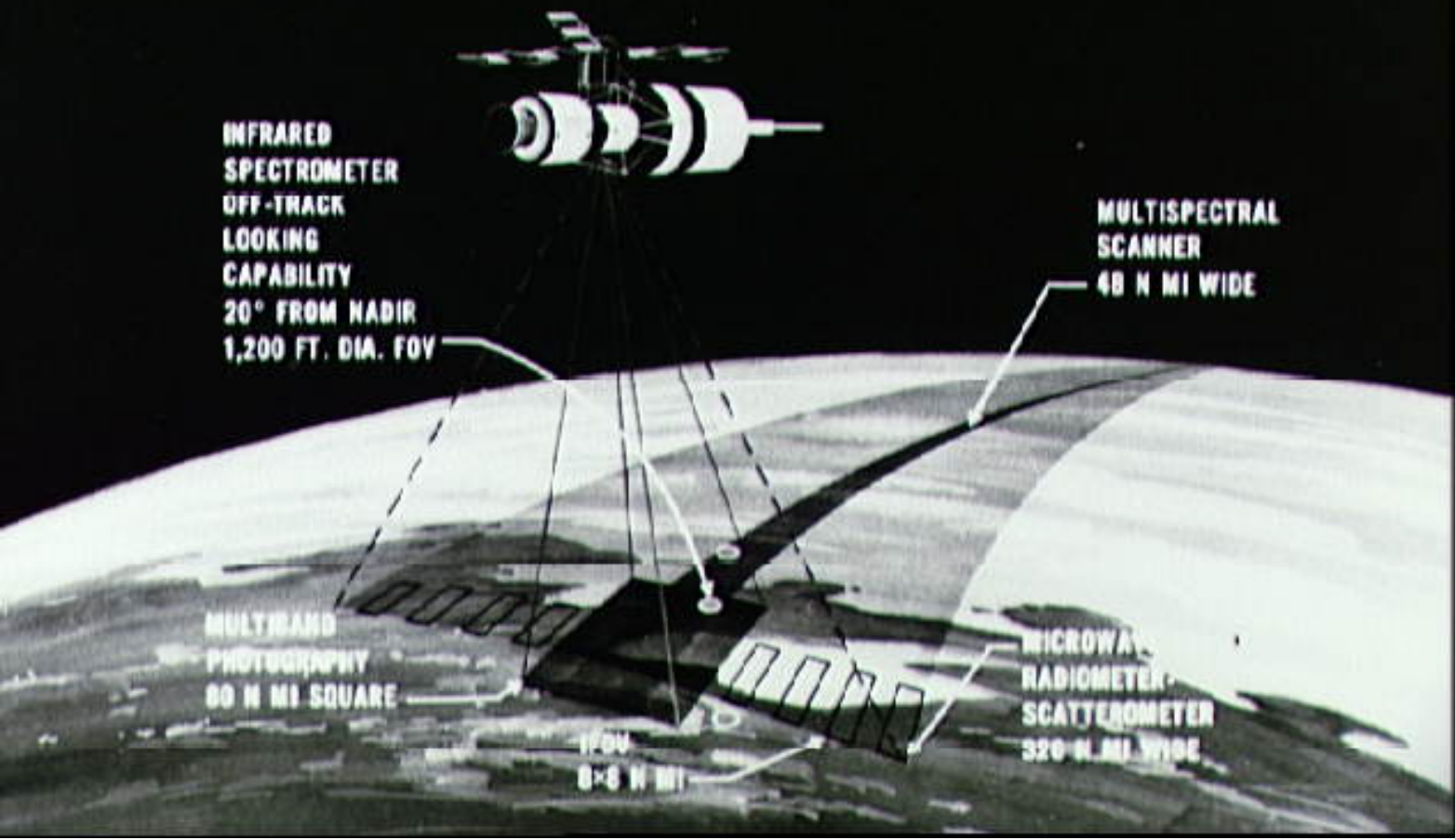
**INFRARED  
SPECTROMETER**  
OFF-TRACK  
LOOKING  
CAPABILITY  
20° FROM NADIR  
1,200 FT. DIA. FOV

**MULTISPECTRAL  
SCANNER**  
48 N MI WIDE

**MULTIBAND  
PHOTOGRAPHY**  
80 N MI SQUARE

**MICROWAVE  
RADIOMETER-  
SCATTEROMETER**  
320 N MI WIDE

170V  
8-8 N MI



# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S70-19937

File Name: 10076034.jpg

Film Type: 4x5

Date Taken: 01/01/70

Title: Artist's concept illustrating Skylab earth survey operations from orbit  
Description:

An artist's drawing illustrating Skylab earth survey operations from Earth orbit. The earth resources (survey) experiments are one group of experiments which will be conducted by the Skylab crewmen.

Subject terms:

EARTH (PLANET)

EARTH RESOURCES

GRAPHIC ARTS

MANNED ORBITAL LABORATORIES

ORBITAL SPACE STATIONS

ORBITS

SKYLAB PROGRAM

SPACEBORNE EXPERIMENTS

VISUAL AIDS



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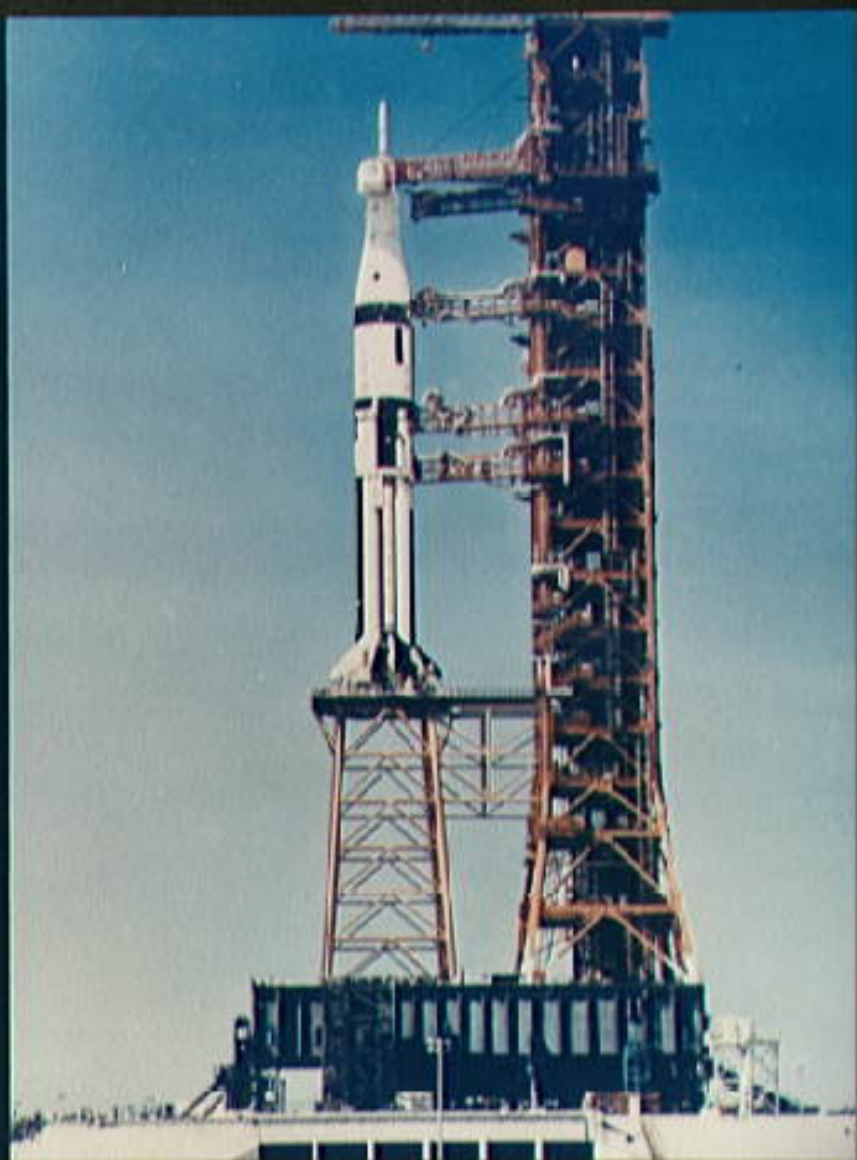
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NASA-5-71-163-X

**SKYLAB  
SATURN IB  
LAUNCH  
CONFIGURATION  
COMPLEX 39B**



# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S71-00163

File Name: 10076044.jpg

Film Type: 4x5

Date Taken: 01/01/71

Title: View of Skylab Saturn IB Launch Configuration Complex 39B at KSC

Description:

View of Skylab Saturn IB Launch Configuration Complex 39B at the Kennedy Space Center (KSC).

Subject terms:

FLORIDA

KENNEDY SPACE CENTER

LAUNCHING PADS

LAUNCHING SITES

SATURN LAUNCH VEHICLES

SKYLAB PROGRAM

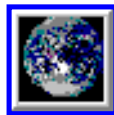
VISUAL AIDS



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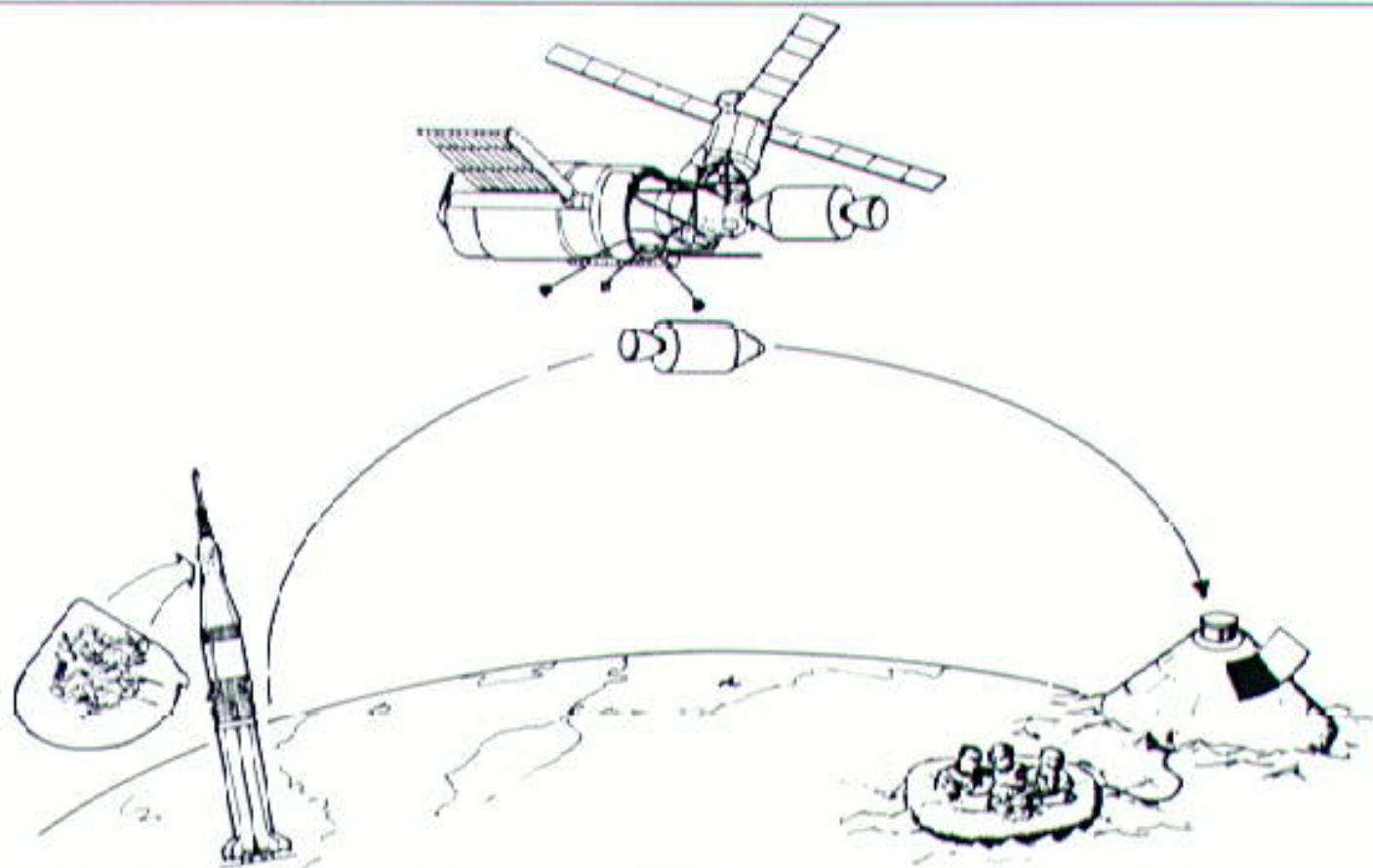
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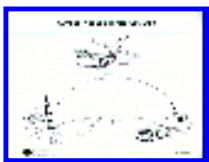
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# SKYLAB CREW RESCUE VEHICLE



# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S71-23088

File Name: 10076045.jpg

Film Type: 4x5 BW

Date Taken: 02/27/71

Title: Line drawing illustrating Skylab crew rescue mission profile

Description:

A line drawing by North American Rockwell Space Division artist illustrating Skylab crew rescue mission profile. The standard Command Module converts from a three-seater to accommodate five astronauts for the return trip.

Subject terms:

DRAWINGS

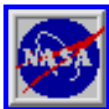
GRAPHIC ARTS

PROFILES

RESCUE OPERATIONS

SKYLAB PROGRAM

VISUAL AIDS



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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S71-52192

File Name: 10076019.jpg

Film Type: 4x5

Date Taken: 10/08/71

Title: Artist's concept of Skylab space station cluster in Earth's orbit

Description:

An artist's concept of the Skylab space station cluster in Earth's orbit. The cutaway view shows astronaut activity in the Orbital Workshop (OWS). The Skylab cluster is composed of the OWS, Airlock Module (AM), Multiple Docking Adapter (MDA), Apollo Telescope Mount (ATM), and the Command and Service Module (CSM).

Subject terms:

EARTH (PLANET)

GRAPHIC ARTS

ORBITAL SPACE STATIONS

ORBITS

SKYLAB PROGRAM

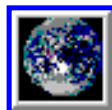
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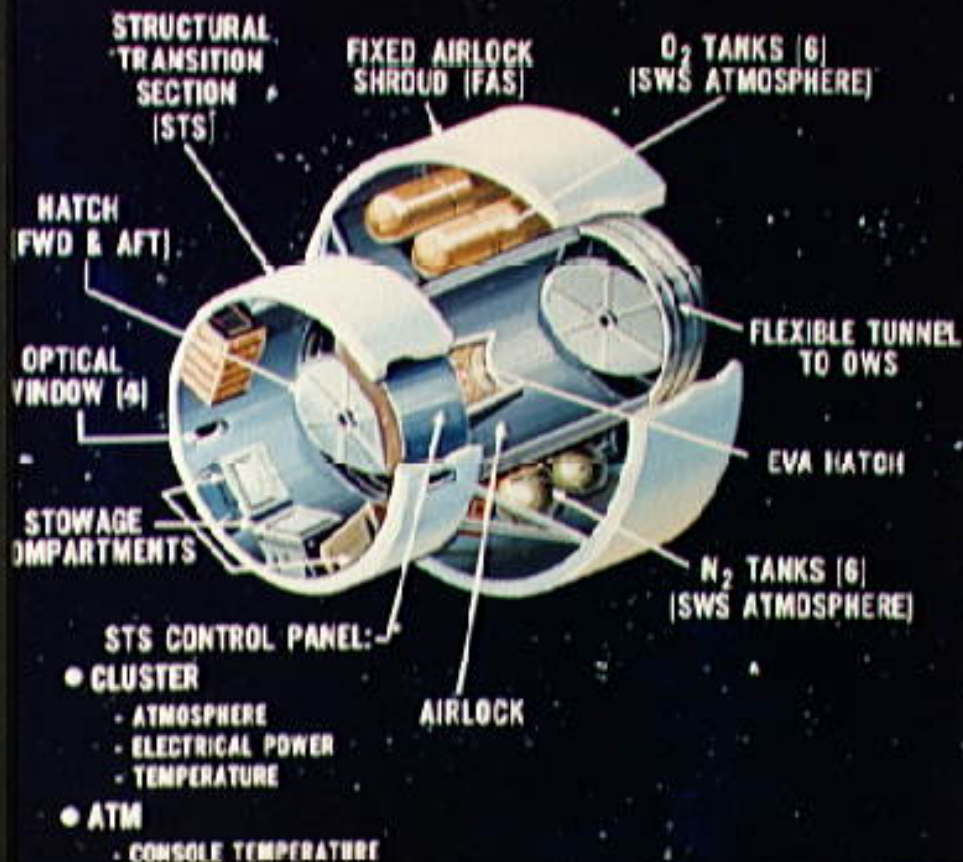
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## AIRLOCK MODULE (AM)



### CHARACTERISTICS

- **WEIGHT (LOADED)**
  - 49,000 LB
  - 22,050 KILOGRAMS
- **DIAMETER:**
  - 10 FT
  - 3.0 METERS
- **LENGTH (TOTAL)**
  - 17 FT
  - 5.1 METERS
- **VOLUME (HABITABLE)**
  - 579 CU. FT
  - 17.37 CU. METERS

# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S71-55994

File Name: 10076028.jpg

Film Type: 4x5

Date Taken: 09/02/71

Title: Artist's concept illustrating cutaway view of Skylab Airlock Module

### Description:

An artist's concept illustrating a cutaway view of the Skylab Airlock Module (AM). The AM is one of the five major components of the Skylab 1 space station cluster which were launched into Earth orbit. This view includes a list of AM characteristics to the right of the view.

### Subject terms:

AIR LOCKS

GRAPHIC ARTS

MANNED ORBITAL LABORATORIES

MODULES

ORBITAL SPACE STATIONS

SKYLAB PROGRAM

VISUAL AIDS



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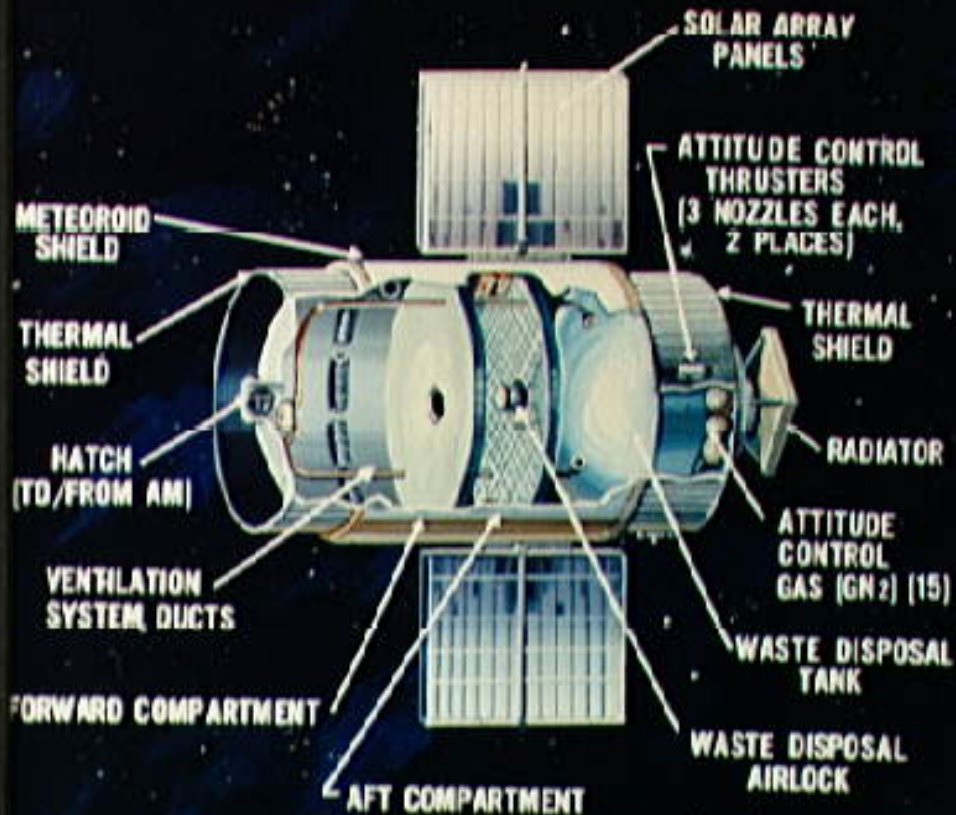
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Last Updated: February 23, 2000



## ORBITAL WORKSHOP-(OWS)



### CHARACTERISTICS

- WEIGHT  
78,000 LB  
35,100 KILOGRAMS
- DIAMETER (TOTAL)  
22 FT  
6.6 METERS
- LENGTH (TOTAL)  
48 FT  
14.4 METERS
- VOLUME (HABITABLE)  
9550 CU. FT  
270 CU. METERS

# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S71-55995

File Name: 10076025.jpg

Film Type: 4x5

Date Taken: 09/02/71

Title: Artist's concept illustrating cutaway view of Skylab 1 Orbital Workshop (OWS)

### Description:

An artist's concept illustrating a cutaway view of the Skylab 1 Orbital Workshop (OWS). The OWS is one of the five major components of the Skylab 1 space station cluster which was launched by a Saturn V on May 14, 1973 into Earth orbit. This view includes a list of OWS characteristics to the right of the view.

### Subject terms:

GRAPHIC ARTS

MANNED ORBITAL LABORATORIES

ORBITAL SPACE STATIONS

SKYLAB 1

SKYLAB PROGRAM

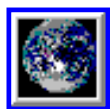
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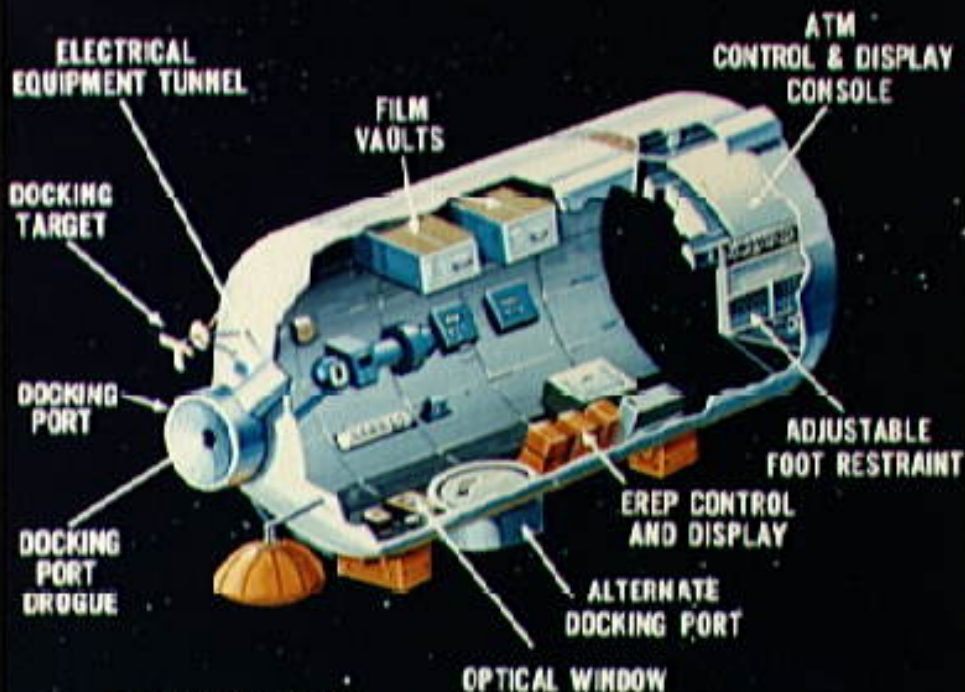
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NASA Technical Monitor: [Scott Norr](#)

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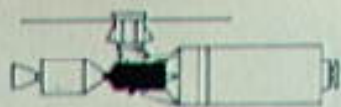


# MULTIPLE DOCKING ADAPTER (MDA)



● EREP EQUIPMENT

● EXPERIMENT HARDWARE



## CHARACTERISTICS

- WEIGHT (LOADED)  
13,800 LB  
6,210 KILOGRAMS
- DIAMETER  
10 FT  
3.0 METERS
- LENGTH  
17 FT  
5.1 METERS
- VOLUME (HABITABLE)  
1,080 CU. FT  
32.40 CU. METERS

# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S71-55996

File Name: 10076026.jpg

Film Type: 4x5

Date Taken: 09/02/71

Title: Artist's concept illustrating cutaway view of Skylab multiple docking adapter

### Description:

An artist's concept illustrating a cutaway view of the Skylab Multiple Docking Adapter (MDA). The MDA is one of the five major components of the Skylab 1 space station cluster which were launched into Earth orbit. This view includes a list of MDA characteristics to the right of the view.

### Subject terms:

ADAPTERS

GRAPHIC ARTS

MANNED ORBITAL LABORATORIES

ORBITAL SPACE STATIONS

SKYLAB PROGRAM

SPACECRAFT DOCKING

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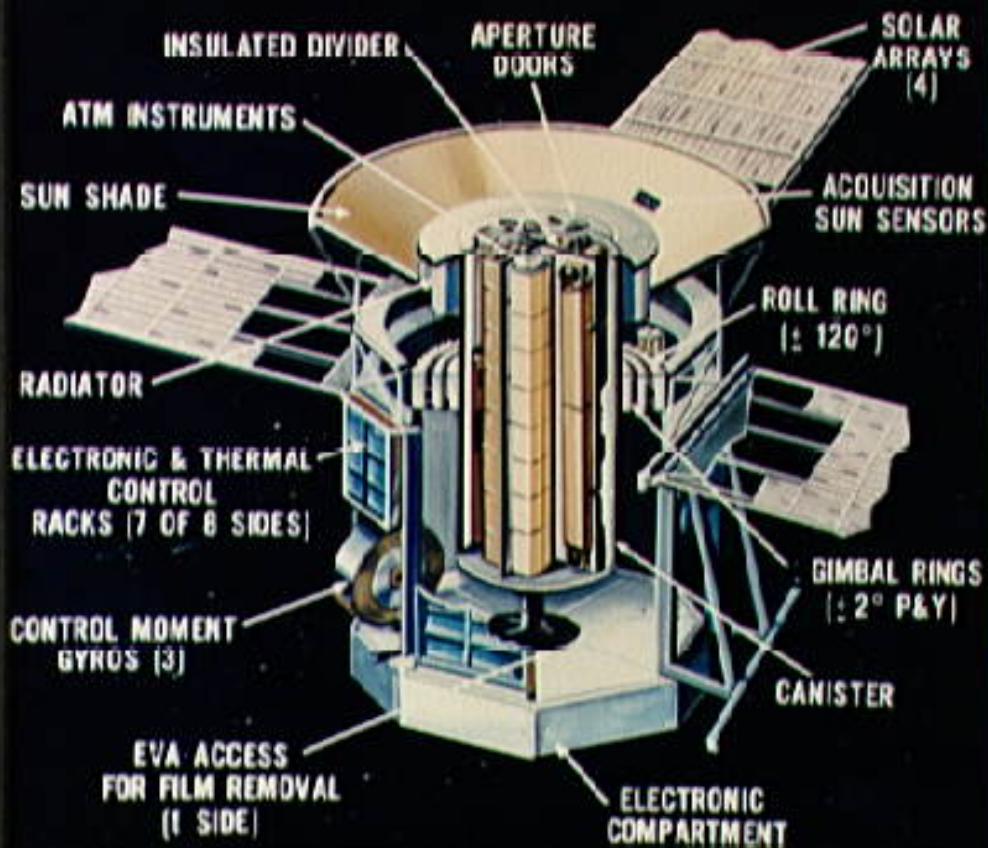
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Last Updated: February 23, 2000





## APOLLO TELESCOPE MOUNT (ATM)



### CHARACTERISTICS

- **WEIGHT**  
24,650 LBS.  
11,092 KILOGRAMS
- **WIDTH (MAX)**  
11 FT.  
3.3 METERS
- **HEIGHT (TOTAL)**  
14 FT. 7 IN.  
4.2 METERS  
175 MILLIMETERS
- **SOLAR ARRAY-SPAN**  
98 FT.  
29.4 METERS

# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S71-55997

File Name: 10076027.jpg

Film Type: 4x5

Date Taken: 09/02/71

Title: Artist's concept illustrating cutaway view of Skylab Apollo Telescope Mount

Description:

An artist's concept illustrating a cutaway view of the Skylab Apollo Telescope Mount (ATM). The ATM is one of the five major components of the Skylab 1 space station cluster which were launched into Earth orbit. This view includes a list of ATM characteristics to the right of the view.

Subject terms:

GRAPHIC ARTS

MANNED ORBITAL LABORATORIES

ORBITAL SPACE STATIONS

SKYLAB PROGRAM

SUPPORTS

TELESCOPES

VISUAL AIDS



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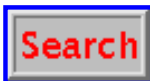


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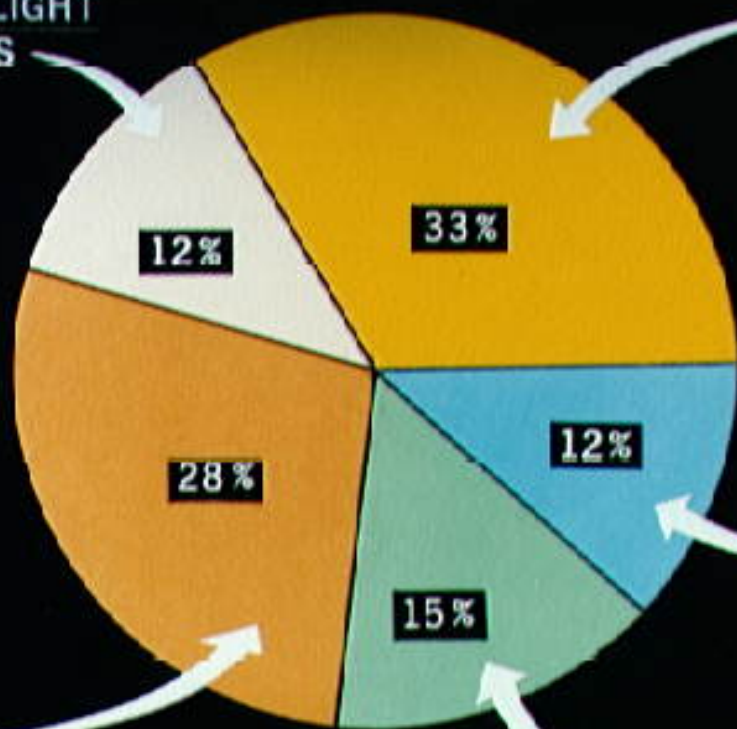
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Last Updated: February 23, 2000

# SKYLAB CREW TIME ALLOCATION

SYSTEMS HOUSEKEEPING  
AND OTHER FLIGHT  
FUNCTIONS

SLEEPING



EATING

CONDUCTING  
EXPERIMENTS

PERSONAL HYGIENE  
REST AND RECREATION

# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S72-00140

File Name: 10076039.jpg

Film Type: 4x5

Date Taken: 01/01/72

Title: Graph illustrating the Skylab crew time allocation

Description:

Graph illustrating the Skylab crew time allocation.

Subject terms:

ALLOCATIONS

GRAPHS (CHARTS)

SKYLAB PROGRAM

TIME MEASUREMENT

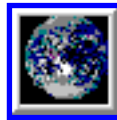
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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S72-15409

File Name: 10076041.jpg

Film Type: 4x5

Date Taken: 02/01/72

Title: View of food tray to be used in Skylab program

Description:

A close-up view of a food tray which is scheduled to be used in the Skylab program. Several packages of space food lie beside the tray. The food in the tray is ready to eat. Out of tray, starting from bottom left: grape drink, beef pot roast, chicken and rice, beef sandwiches and sugar cookie cubes, In tray, from back left: orange drink, strawberries, asparagus, prime rib, dinner roll and butterscotch pudding in the center.

Subject terms:

FOOD

SKYLAB PROGRAM

SPACE FLIGHT FEEDING

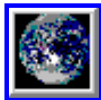
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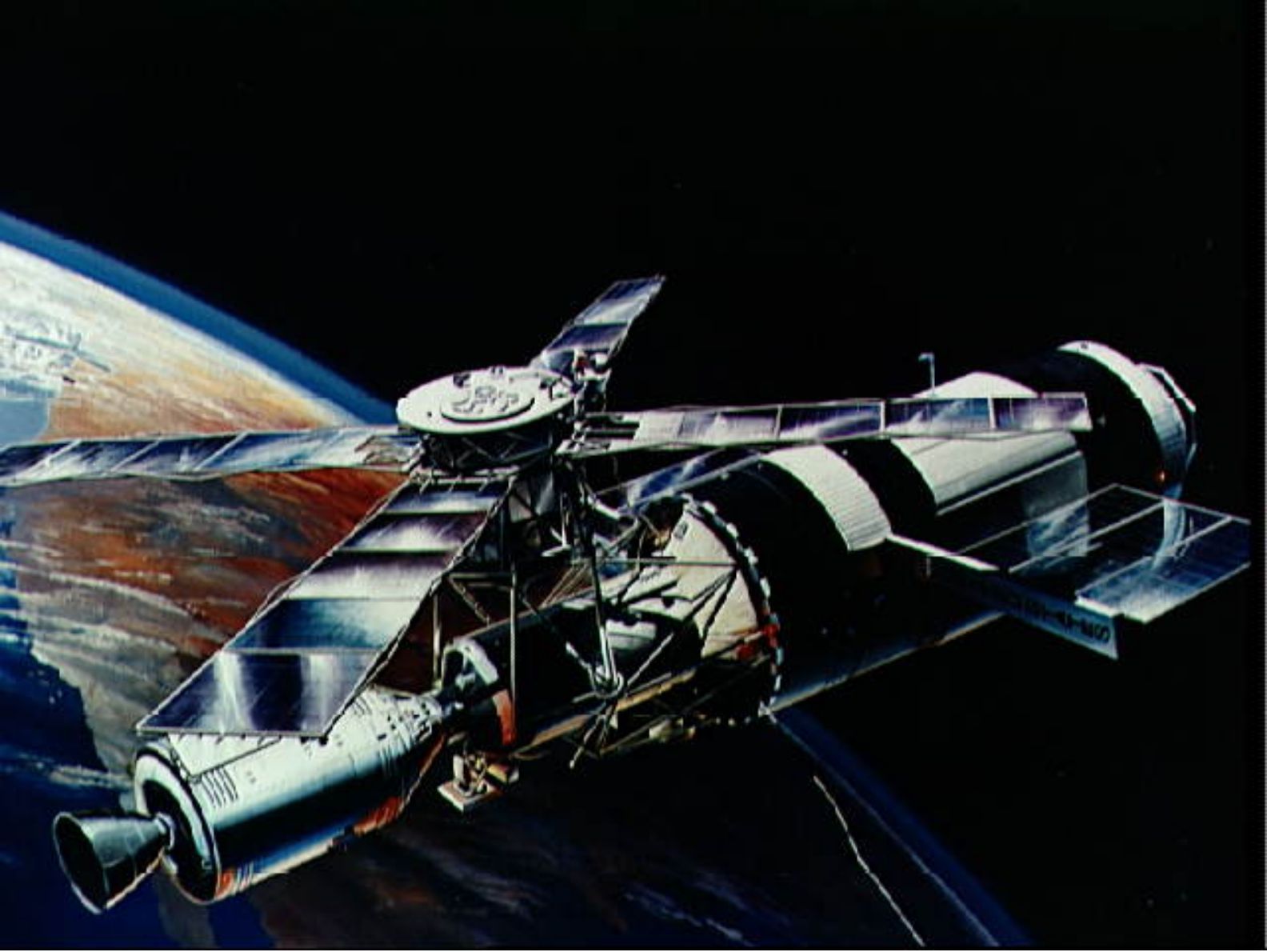
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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S72-30705

File Name: 10076018.jpg

Film Type: 4x5

Date Taken: 12/01/72

Title: Artist's concept of Skylab space station cluster in Earth's orbit

Description:

A Martin Marietta artist's concept of the Skylab space station cluster in Earth's orbit. The cluster is composed of the Apollo Command/Service Module, Orbital Workshop, Apollo Telescope Mount (ATM), Multiple Docking Adapter, and Airlock Module. In this concept, a member of the three-man astronaut crew is working atop the ATM in the zero gravity of space. Note the arrays of solar cell panels which turn sunlight into electric power for the space station.

Subject terms:

EARTH (PLANET)

GRAPHIC ARTS

ORBITAL SPACE STATIONS

ORBITS

SKYLAB PROGRAM

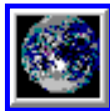
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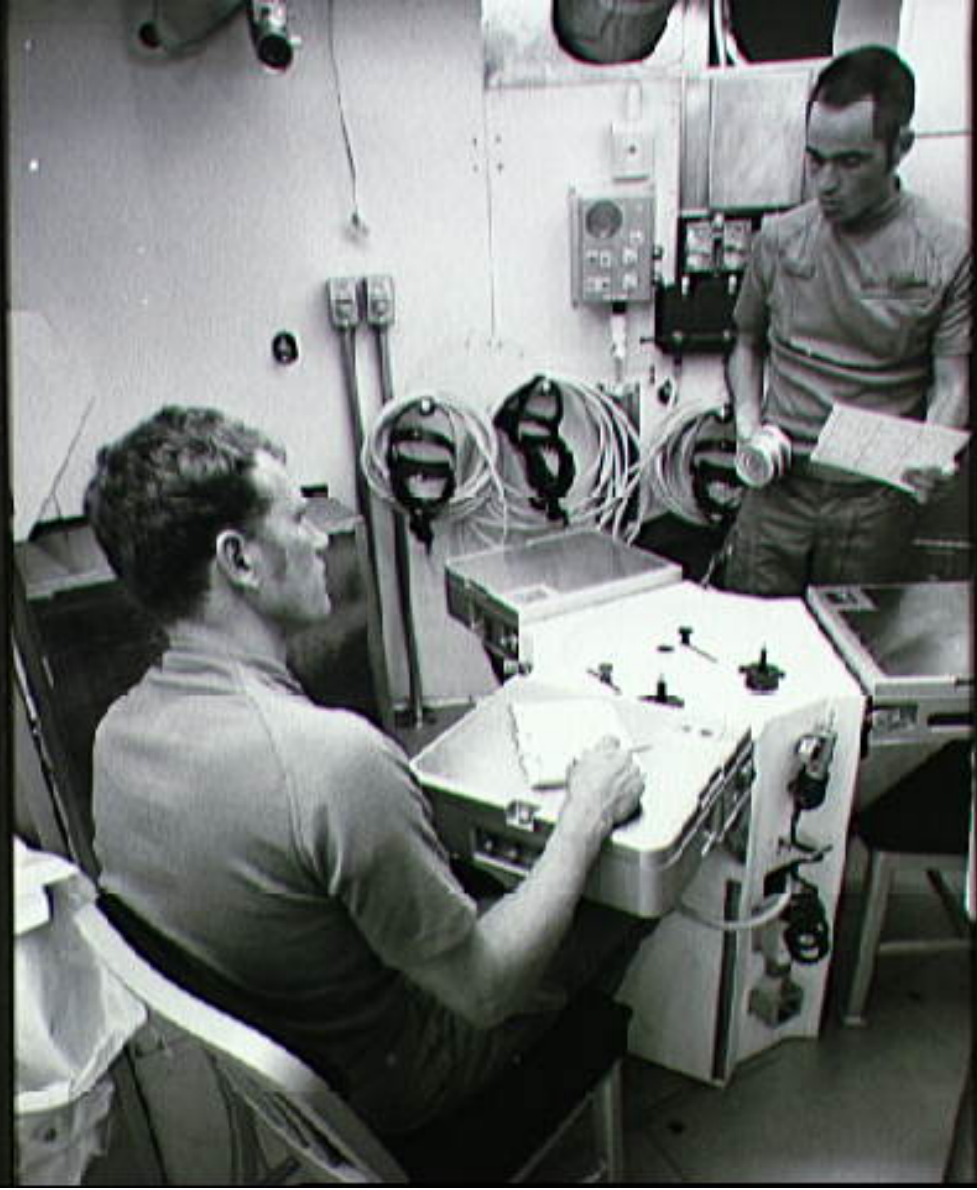
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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S72-41853

File Name: 10076048.jpg

Film Type: 35mm BW

Date Taken: 06/15/72

Title: Two of three astronauts who will participate in SMEAT activity

Description:

Two of three astronauts who will spend up to 56 days in an altitude test chamber at the NASA Manned Spacecraft Center (MSC) beginning in mid-July to obtain medical data and evaluate medical experiment equipment for Skylab, go over a menu in the food preparation area. Seated at the simulated wardroom food table is Astronaut Karol J. Bobko, SMEAT pilot. Astronaut Robert L. Crippen, SMEAT crew commander, is standing. Dr. William E. Thornton, science pilot, is the third SMEAT crewman. SMEAT stands for Skylab Medical Experiment Altitude Test.

Subject terms:

ASTRONAUT TRAINING

ASTRONAUTS

CREW PROCEDURES (PREFLIGHT)

FACILITIES

JOHNSON SPACE CENTER

PREFLIGHT OPERATIONS

SKYLAB 1

SKYLAB PROGRAM

SPACE FLIGHT FEEDING

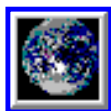
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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S72-41855

File Name: 10076049.jpg

Film Type: 35mm BW

Date Taken: 06/15/72

Title: Astronaut Robert Crippen simulates preparation of Skylab meal

Description:

Astronaut Robert L. Crippen, SMEAT crew commander, simulates the preparation of a Skylab meal. Crippen is one of three astronauts who will spend up to 56 days in altitude chamber at the NASA Manned Spacecraft Center (MSC) beginning in mid-July to obtain medical data and evaluate medical experiment equipment for Skylab. SMEAT stands for Skylab Medical Experiment Altitude Test.

Subject terms:

ASTRONAUT TRAINING

ASTRONAUTS

CREW PROCEDURES (PREFLIGHT)

FACILITIES

FOOD

JOHNSON SPACE CENTER

PREFLIGHT OPERATIONS

SKYLAB 1

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SPACE FLIGHT FEEDING

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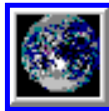
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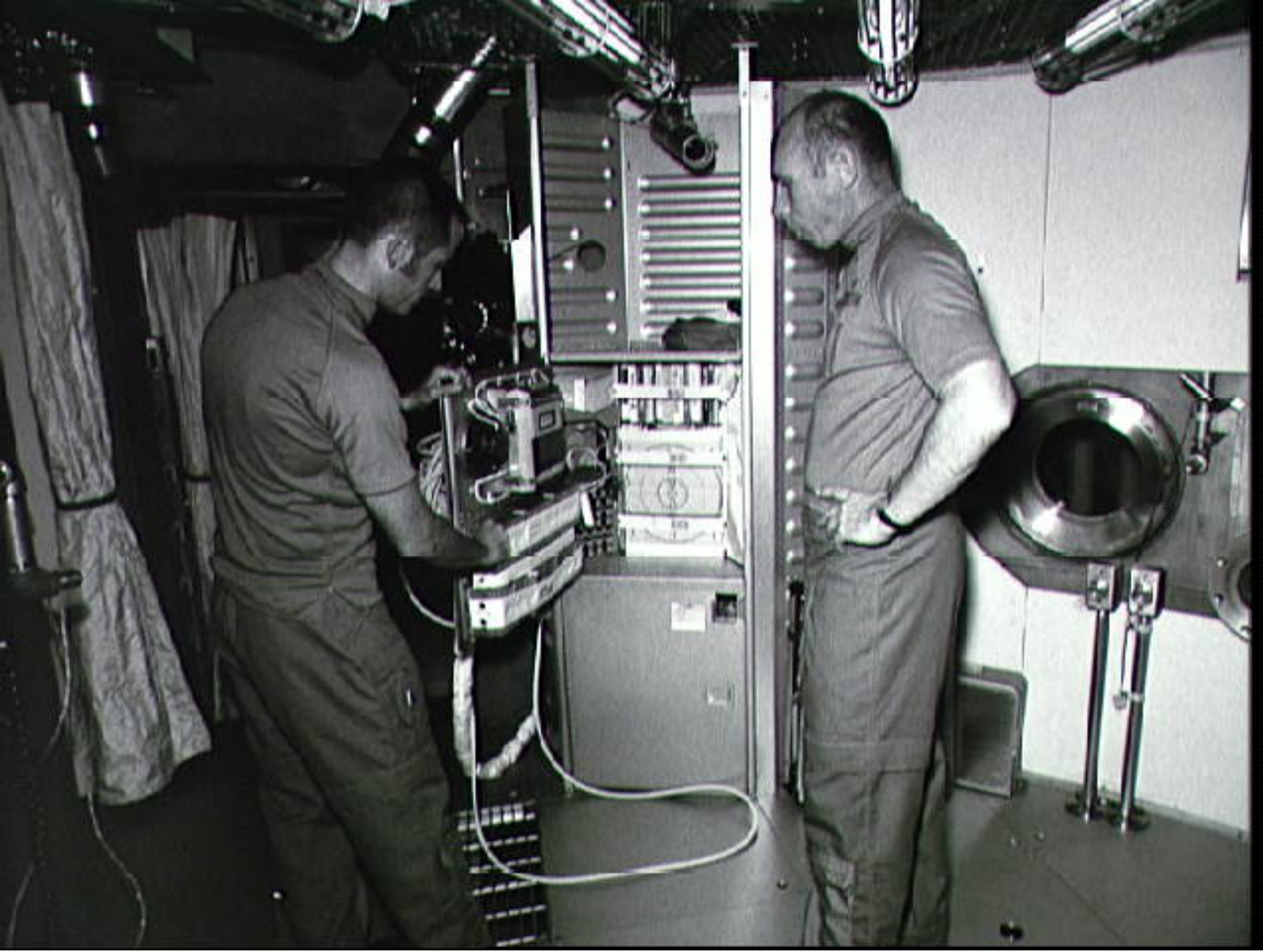
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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S72-41858

File Name: 10076053.jpg

Film Type: 35mm BW

Date Taken: 06/15/72

Title: Astronauts Crippen and Thornton stand with off-duty recreation equipment  
Description:

Two members of a three-man SMEAT crew who will spend up to 56 days in an altitude test chamber at the NASA Manned Spacecraft Center (MSC), give a preview of their activity in this training exercise. Astronauts Robert L. Crippen, left, Skylab Medical Experiment Altitude Test (SMEAT) crew commander, and Dr. William E. Thornton, SMEAT science pilot, stand at the cabinet containing off duty recreation equipment.

Subject terms:

ALTITUDE TESTS

ASTRONAUT TRAINING

ASTRONAUTS

FACILITIES

JOHNSON SPACE CENTER

SKYLAB PROGRAM

SPACEBORNE EXPERIMENTS

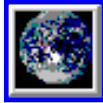
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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S72-43280

File Name: 10076052.jpg

Film Type: 35mm

Date Taken: 06/15/72

Title: Astronaut Robert Crippen holds training model of Skylab experiment

Description:

Astronaut Robert L. Crippen, SMEAT crew commander, holds the training model of Skylab experiment T003, the aerosol analysis test, in this preview of activity the Skylab Medical Experiment Altitude Test (SMEAT).

Subject terms:

ALTITUDE TESTS

ASTRONAUT TRAINING

ASTRONAUTS

CREW PROCEDURES (PREFLIGHT)

FACILITIES

JOHNSON SPACE CENTER

PREFLIGHT OPERATIONS

SKYLAB PROGRAM

SPACEBORNE EXPERIMENTS

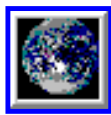
TEXAS



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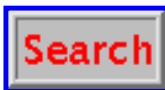


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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S72-43282

File Name: 10076050.jpg

Film Type: 35mm

Date Taken: 06/15/72

Title: SMEAT astronauts give a preview of use of the SMEAT experiments

Description:

The three SMEAT (Skylab medical Experiment Altitude Test) astronauts who will spend up to 56 days in the Crew Systems Division's 20-foot altitude chamber at the Manned Spacecraft Center (MSC) give a preview of the use of the SMEAT experiments. Here, Astronaut Karol J. Bobko is being configured for a test in the Lower Body Negative Pressure experiment.

Scientist-Astronaut William E. Thornton assists. In the right background is Astronaut Robert L. Crippen (43282); Astronaut Bobko is configured for a test in the Lower Body Negative Pressure experiment. Scientist-Astronaut Thornton stands by at the controls (43283).

Subject terms:

ALTITUDE TESTS

ASTRONAUT TRAINING

ASTRONAUTS

CREW PROCEDURES (PREFLIGHT)

FACILITIES

JOHNSON SPACE CENTER

PREFLIGHT OPERATIONS

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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S72-43283

File Name: 10076051.jpg

Film Type: 35mm

Date Taken: 06/15/72

Title: SMEAT astronauts give a preview of use of the SMEAT experiments

Description:

The three SMEAT (Skylab medical Experiment Altitude Test) astronauts who will spend up to 56 days in the Crew Systems Division's 20-foot altitude chamber at the Manned Spacecraft Center (MSC) give a preview of the use of the SMEAT experiments. Here, Astronaut Karol J. Bobko is being configured for a test in the Lower Body Negative Pressure experiment.

Scientist-Astronaut William E. Thornton assists. In the right background is Astronaut Robert L. Crippen (43282); Astronaut Bobko is configured for a test in the Lower Body Negative Pressure experiment. Scientist-Astronaut Thornton stands by at the controls (43283).

Subject terms:



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**SMEAT**

**CRIPPEN**

**BOBKO**

**THORNTON**

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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S72-44715

File Name: 10076047.jpg

Film Type: 4x5

Date Taken: 07/19/72

Title: Skylab Medical Experiments Altitude Test (SMEAT) crew patch

Description:

Skylab Medical Experiments Altitude Test (SMEAT) crew patch with the "Peanuts" cartoon character Snoopy in the center of the emblem, surrounded by the surnames of the SMEAT crew.

Subject terms:

INSIGNIAS

LOGO

SKYLAB 1

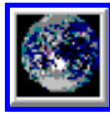
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C. CONRAD



J. KERWIN



P. WEITZ



A. DEAN



O. GARRIOTT



J. LOUISA



W. POGUE



E. GIBSON



G. CARR



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## Press Release Images



NASA Photo ID: S72-47794

File Name: 10076017.jpg

Film Type: 4x5

Date Taken: 03/01/72

Title: Artist's concept of deployed Skylab facilities with astronaut portraits

Description:

An artist's concept of a completely deployed cluster of the Skylab components in earth orbit framed by portraits of the nine prime crewmen chosen for the program.

Subject terms:

ASTRONAUTS

DRAWINGS

GRAPHIC ARTS

PORTRAIT

SKYLAB PROGRAM

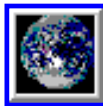
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GRAND DRINK  
24-02-01 MEA

GRAND DRINK  
24-02-01 MEA

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## Press Release Images



NASA Photo ID: S72-50247

File Name: 10076043.jpg

Film Type: 4x5

Date Taken: 01/01/72

Title: View of Skylab drink containers

Description:

A close-up view of a Skylab drink containers.

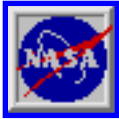
Subject terms:

CONTAINERS

DRINKING

SKYLAB PROGRAM

SPACE FLIGHT FEEDING



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# EREP GROUND COVERAGE

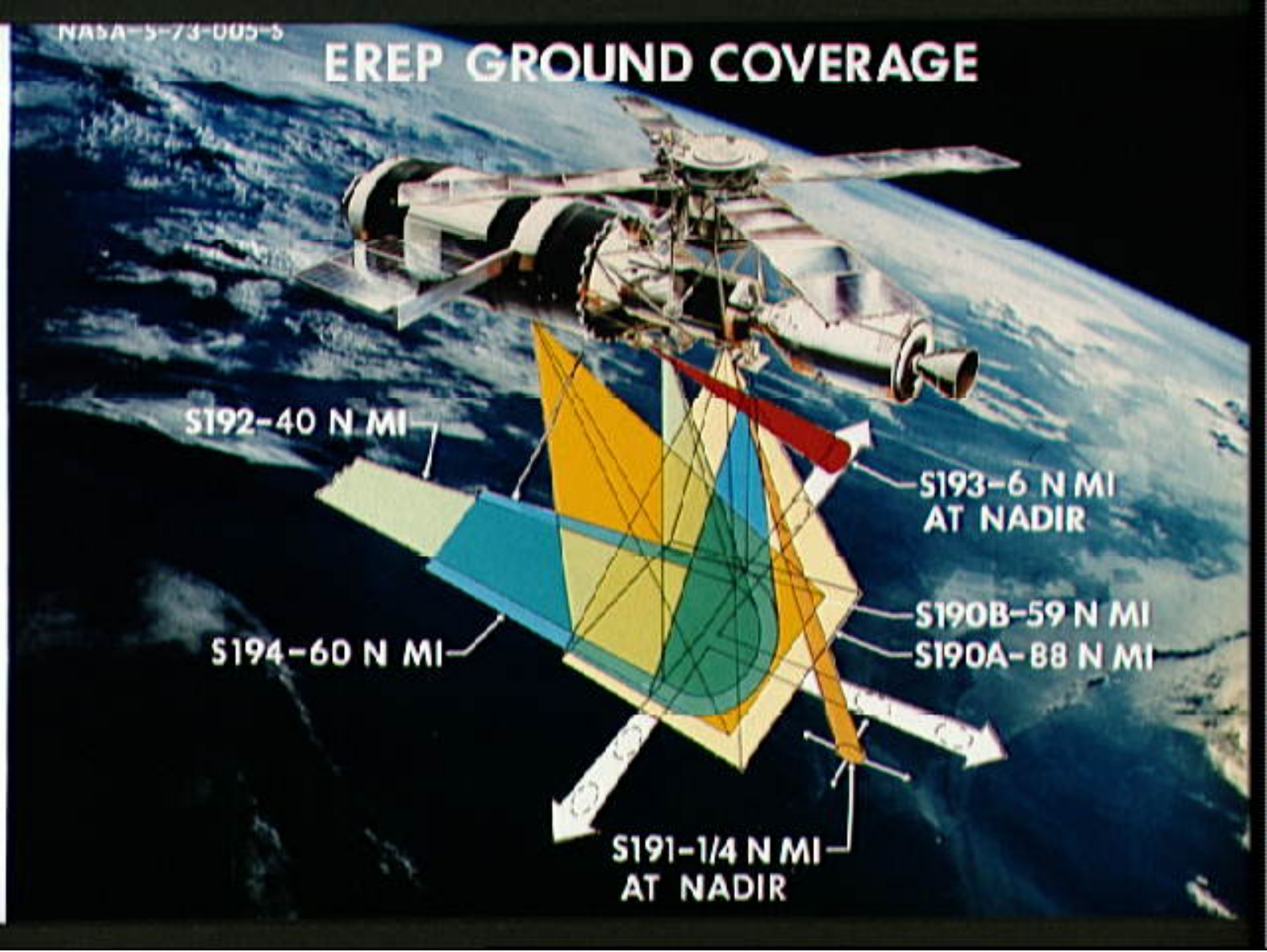
S192-40 N MI

S193-6 N MI  
AT NADIR

S194-60 N MI

S190B-59 N MI  
S190A-88 N MI

S191-1/4 N MI  
AT NADIR



# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S73-00005

File Name: 10076033.jpg

Film Type: 4x5

Date Taken: 08/01/73

Title: Artist's concept illustrating ground coverage for EREP

Description:

An artist's concept illustrating ground coverage indicator for Earth Resources Experiments Package (EREP).

Subject terms:

EARTH RESOURCES

GRAPHIC ARTS

MANNED ORBITAL LABORATORIES

ORBITAL SPACE STATIONS

SKYLAB PROGRAM

SPACEBORNE EXPERIMENTS

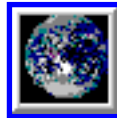
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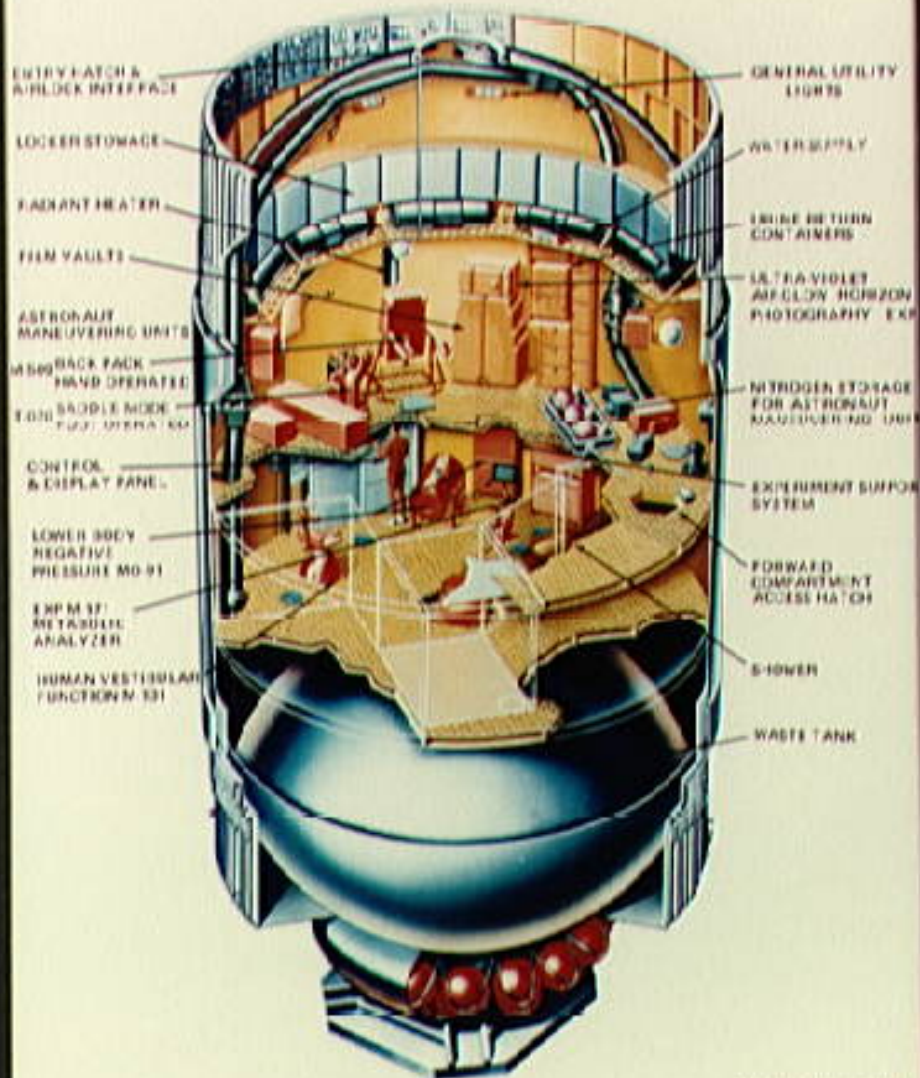
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# SKYLAB ORBITAL WORKSHOP



# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S73-23918

File Name: 10076024.jpg

Film Type: 4x5

Date Taken: 05/23/73

Title: Artist's concept illustrating cutaway view of Skylab 1 Orbital Workshop (OWS)

### Description:

An artist's concept illustrating a cutaway view of the Skylab 1 Orbital Workshop (OWS). The OWS is one of the five major components of the Skylab 1 space station cluster which was launched by a Saturn V on May 14, 1973 into Earth orbit.

### Subject terms:

GRAPHIC ARTS

MANNED ORBITAL LABORATORIES

ORBITAL SPACE STATIONS

SKYLAB 1

SKYLAB PROGRAM

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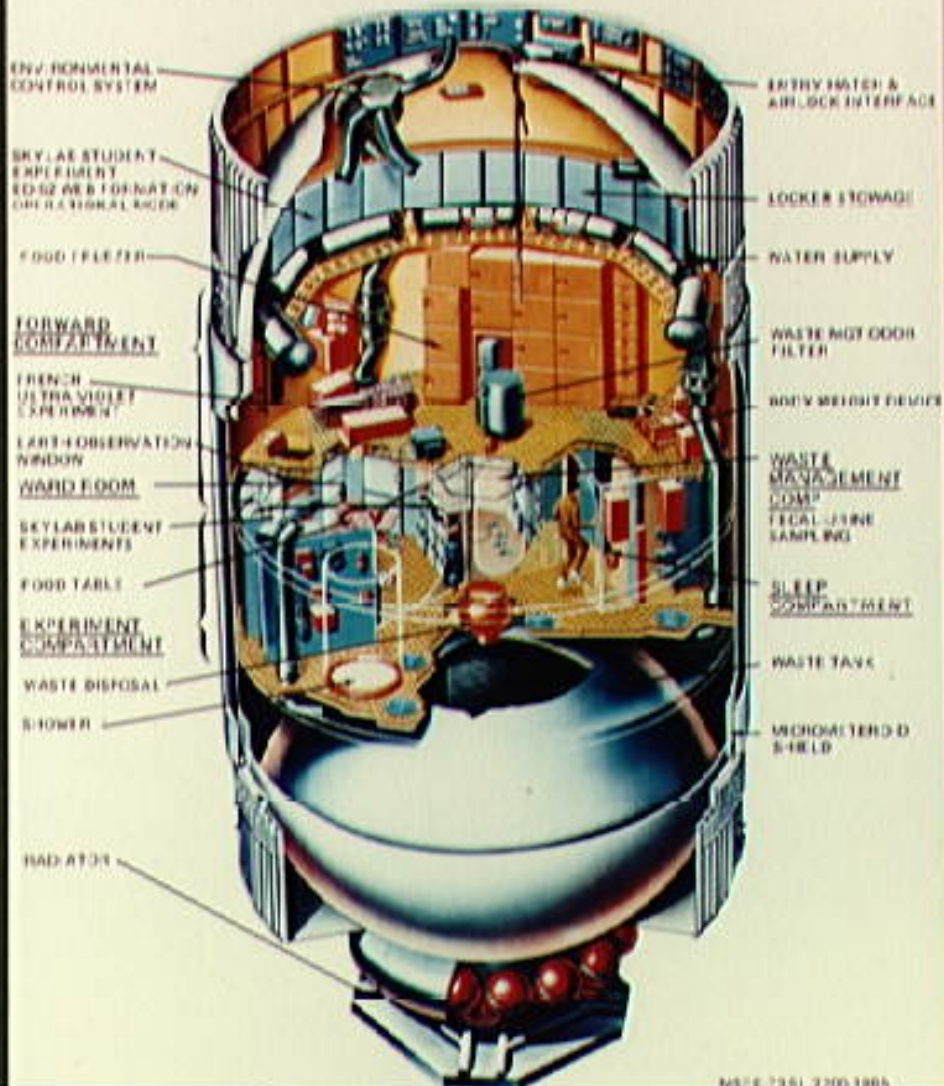
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NASA Technical Monitor: [Scott Norr](#)

# SKYLAB ORBITAL WORKSHOP



# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S73-23919

File Name: 10076023.jpg

Film Type: 4x5

Date Taken: 05/23/73

Title: Artist's concept illustrating cutaway view of Skylab 1 Orbital Workshop (OWS)

### Description:

An artist's concept illustrating a cutaway view of the Skylab 1 Orbital Workshop (OWS). The OWS is one of the five major components of the Skylab 1 space station cluster which was launched by a Saturn V on May 14, 1973 into Earth orbit.

Subject terms:



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## Press Release Images



NASA Photo ID: S73-23952

File Name: 10076016.jpg

Film Type: 4x5

Date Taken: 04/25/73

Title: Emblem for the NASA Skylab program

Description:

This is the official emblem for the NASA Skylab program. The emblem depicts the United States Skylab space station cluster in Earth orbit with the Sun in the background.

Subject terms:

INSIGNIAS

LOGO

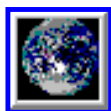
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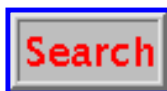


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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S73-24315

File Name: 10076021.jpg

Film Type: 4x5

Date Taken: 05/23/73

Title: Artist's concept illustrating cutaway view of Skylab 1 Orbital Workshop (OWS)

### Description:

An artist's concept illustrating a cutaway view of the Skylab 1 Orbital Workshop (OWS). The OWS is one of the five major components of the Skylab 1 space station cluster which was launched by a Saturn V on May 14, 1973 into Earth orbit.

### Subject terms:

GRAPHIC ARTS

MANNED ORBITAL LABORATORIES

ORBITAL SPACE STATIONS

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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S73-24316

File Name: 10076022.jpg

Film Type: 4x5

Date Taken: 05/23/73

Title: Artist's concept illustrating cutaway view of Skylab 1 Orbital Workshop (OWS)

### Description:

An artist's concept illustrating a cutaway view of the Skylab 1 Orbital Workshop (OWS). The OWS is one of the five major components of the Skylab 1 space station cluster which was launched by a Saturn V on May 14, 1973 into Earth orbit.

Subject terms:



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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S73-25654

File Name: 10076054.jpg

Film Type: 4x5

Date Taken: 05/07/73

Title: Double exposure to illustrate size difference between Skylab 1 and 2  
Description:

A deliberate double exposure to help illustrate the comparative sizes and configurations of the Skylab 1 and Skylab 2 space vehicles at Launch Complex 39, Kennedy Space Center, Florida. The double exposure creates an illusion that the rockets are side by side, though actually they are 1 1/2 miles apart. The Skylab 1/Saturn 1B space vehicle on Pad A is on the left. On the right is the Skylab 2/Saturn 1B space vehicle on Pad B.

Subject terms:

COMPARISON

FLORIDA

KENNEDY SPACE CENTER

LAUNCHING PADS

LAUNCHING SITES

PHOTOGRAPHY

SKYLAB 1

SKYLAB 2

SKYLAB PROGRAM



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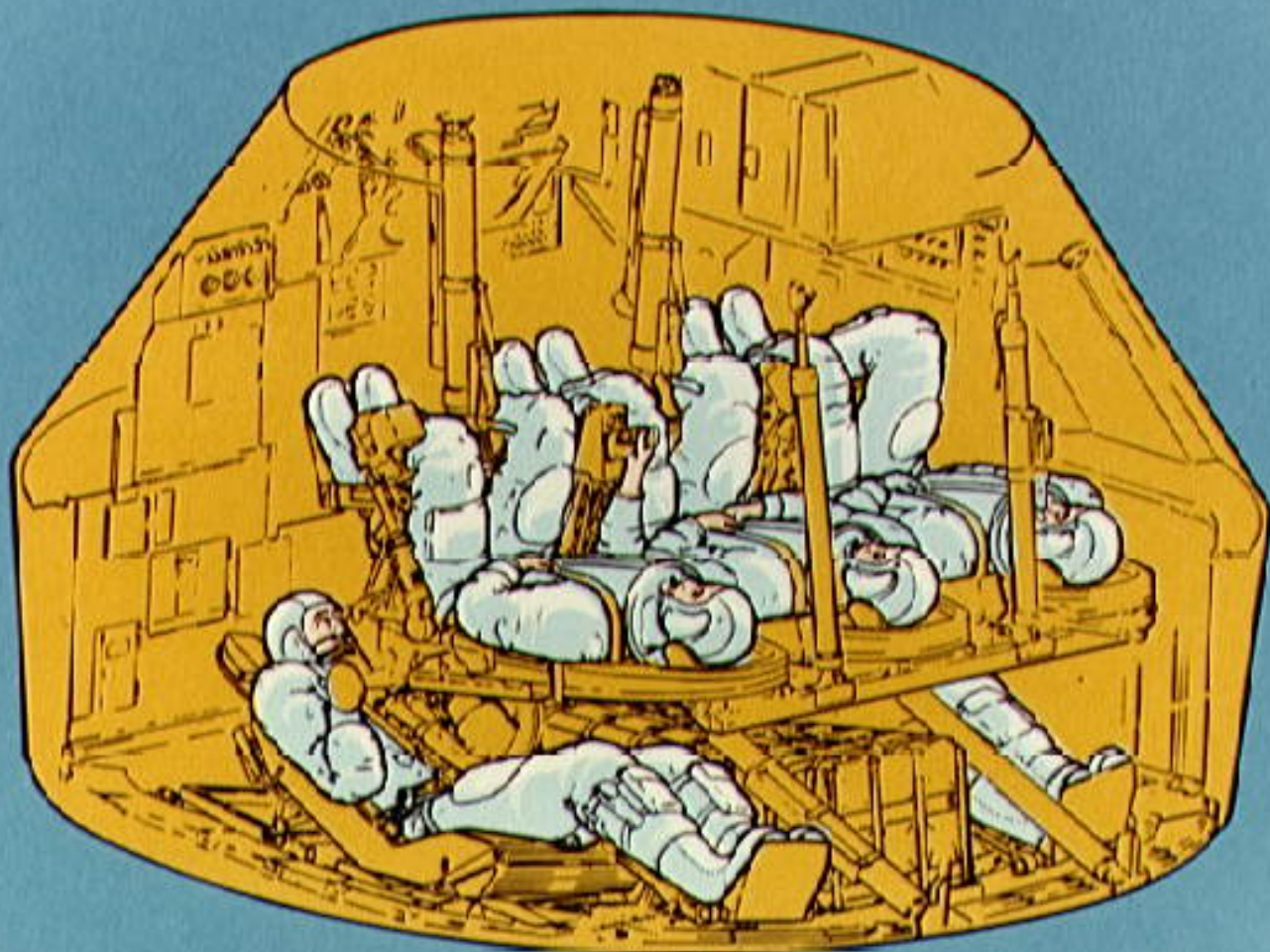
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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S73-31922

File Name: 10076046.jpg

Film Type: 4x5

Date Taken: 08/06/73

Title: Artist's concept illustrating cutaway view of Skylab Rescue Command Module

Description:

An artist's concept illustrating a cutaway view of the general arrangement of the Skylab Rescue Command Module (CM). The standard Skylab CM accommodates a crew of three with storage lockers on the aft bulkhead for resupply of experiment film and other equipment as well as the return of exposed film, data tapes and experiment samples. To convert the standard CM to a rescue vehicle, the storage lockers are removed and replaced with two crew couches in order to seat five crewmen. The rescue CM would then be launched with a crew of two.

Subject terms:

ASTRONAUTS

COMMAND MODULES

GRAPHIC ARTS

RESCUE OPERATIONS

SKYLAB PROGRAM

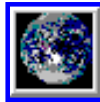
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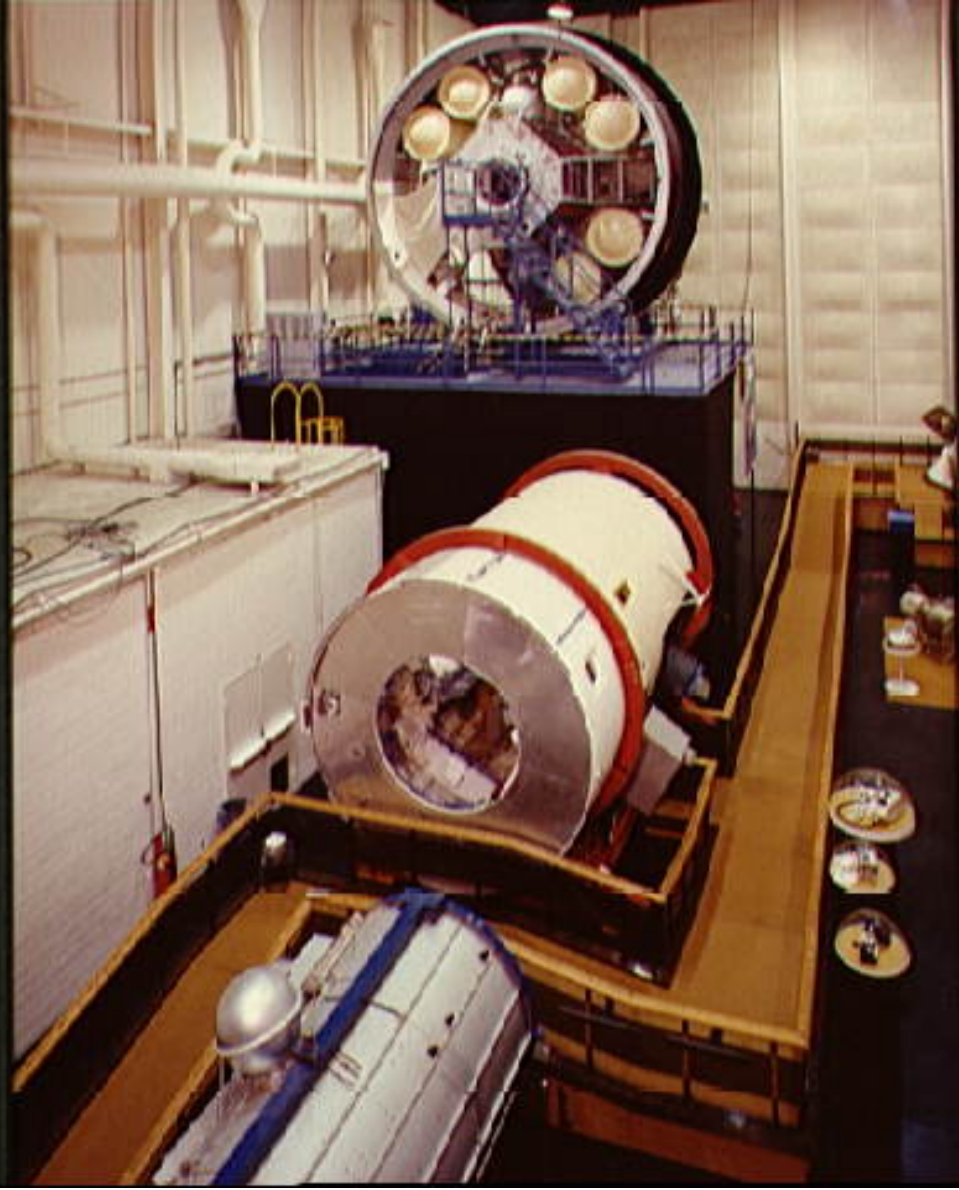
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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S77-23479

File Name: 10076040.jpg

Film Type: 4x5

Date Taken: 04/20/77

Title: Wide-angle view of Orbiter Aero-flight simulator in bldg 5

Description:

Wide-angle view of Orbiter Aero-flight (OAS) simulator in bldg 5.

Subject terms:

FACILITIES

JOHNSON SPACE CENTER

SIMULATORS

SKYLAB PROGRAM

TEXAS

TRAINING DEVICES



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**SKYLAB BOOST  
MISSION**

# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S78-23630

File Name: 10076055.jpg

Film Type: 4x5

Date Taken: 07/01/78

Title: Artist drawings of the Teleoperator Retrieval System

### Description:

A drawing of a Teleoperator Retrieval System (TRS) which is being developed by NASA for use beginning in late 1979. This spacecraft is illustrated being used to re-boost the Skylab space station to a higher orbit (23630); A labeled drawing of a TRS which is being developed by NASA (23631).

### Subject terms:

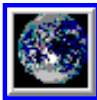
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SKYLAB PROGRAM  
SPACECRAFT RECOVERY  
TELEOPERATORS  
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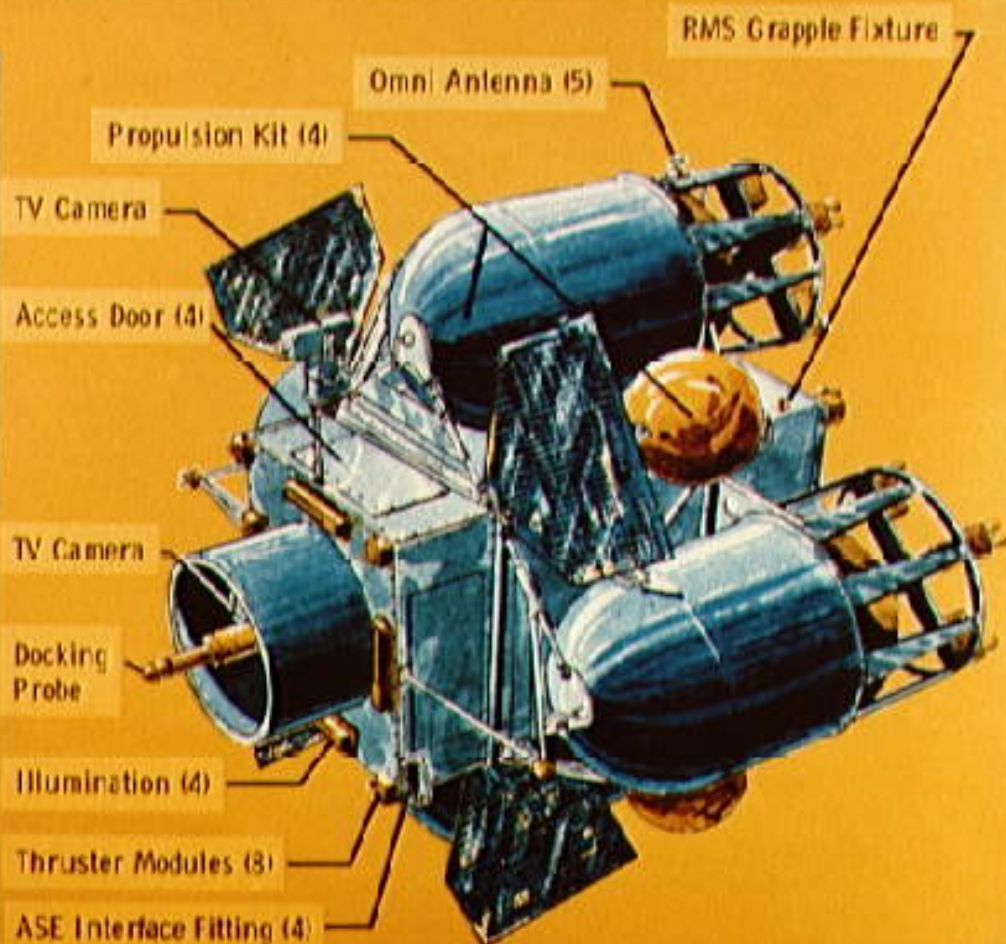
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# Skylab Boost Mission Configuration

## General Characteristics

- Length (ft): 10.8
- Width (ft): 10.4
- Height (ft): 11.0
- Total Wet Weight (lb): 9,684
  - Basic Core (Wet): 2,335
  - Kits - 4 (Wet): 7,349
- Basic Core (Dry): 2,209
  - Kits - 4 (Dry): 1,298
- Tank Propellant:
  - 1,350,000 lb-sec  $N_2H_4$
- Core Propellant:
  - 25,000-lb-sec  $N_2H_4$
- Operational Range (n mi)
  - RF Link: 300
  - TV Link: 0.5



# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S78-23631

File Name: 10076056.jpg

Film Type: 4x5

Date Taken: 07/01/78

Title: Artist drawings of the Teleoperator Retrieval System

Description:

A drawing of a Teleoperator Retrieval System (TRS) which is being developed by NASA for use beginning in late 1979. This spacecraft is illustrated being used to re-boost the Skylab space station to a higher orbit (23630); A labeled drawing of a TRS which is being developed by NASA (23631).

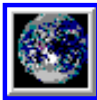
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## Press Release Images

# SL2

NASA Photo ID:

Title:

S71-51259	<a href="#">image</a>	<a href="#">text</a>	Portrait of Astronaut Charles Conrad Jr.
S71-51307	<a href="#">image</a>	<a href="#">text</a>	Portrait of Astronaut Paul J. Weitz
S71-52264	<a href="#">image</a>	<a href="#">text</a>	Portrait of Astronaut Joseph P. Kerwin
S72-17509	<a href="#">image</a>	<a href="#">text</a>	Skylab 2 crew during "open house" press day at Manned Spacecraft Center (MSC)
S72-52630	<a href="#">image</a>	<a href="#">text</a>	Emblem for the first manned Skylab mission
S73-16765	<a href="#">image</a>	<a href="#">text</a>	Astronaut Charles Conrad Jr. working with control panel in Skylab simulation
S73-20205	<a href="#">image</a>	<a href="#">text</a>	Astronaut Paul Weitz prepares to use bicycle ergometer in Skylab trainer
S73-20236	<a href="#">image</a>	<a href="#">text</a>	Skylab 2 astronauts eat space food in wardroom of Skylab trainer
S73-20276	<a href="#">image</a>	<a href="#">text</a>	Astronaut Paul Weitz lies in lower body negative pressure device in trainer
S73-20678	<a href="#">image</a>	<a href="#">text</a>	Astronauts Conrad and Kerwin practice Human Vestibular Function experiment
S73-20695	<a href="#">image</a>	<a href="#">text</a>	Astronaut Charles Conrad checks out Human Vestibular Function experiment
S73-20713	<a href="#">image</a>	<a href="#">text</a>	Astronaut Charles Conrad following exercise session on bicycle ergometer
S73-20716	<a href="#">image</a>	<a href="#">text</a>	Astronaut Paul Weitz works with UV Stellar Astronomy Experiment
S73-20759	<a href="#">image</a>	<a href="#">text</a>	Astronaut Charles Conrad takes items from materials

processing storage area

S73-20774	<a href="#">image</a>	<a href="#">text</a>	Astronaut Charles Conrad goes through checklist of experiment activity
S73-24303	<a href="#">image</a>	<a href="#">text</a>	Skylab 1 prime crew
S73-24369	<a href="#">image</a>	<a href="#">text</a>	Astronauts Weitz and Conrad suit up during prelaunch activity
S73-25140	<a href="#">image</a>	<a href="#">text</a>	View of Pad A, Launch Complex 39 showing Skylab 1 space vehicle on pad
S73-25399	<a href="#">image</a>	<a href="#">text</a>	Skylab 2 prime crew suit up during prelaunch training activity
S73-25400	<a href="#">image</a>	<a href="#">text</a>	Skylab 2 prime crew suit up during prelaunch training activity
S73-25401	<a href="#">image</a>	<a href="#">text</a>	Prime crew of Skylab 2 mission go over checklist during prelaunch training
S73-25688	<a href="#">image</a>	<a href="#">text</a>	Skylab flight controllers and JSC officials in Mission Control Center
S73-25696	<a href="#">image</a>	<a href="#">text</a>	View of Pad B, Launch Complex 39 showing Skylab 2 space vehicle during CDDT
S73-25714	<a href="#">image</a>	<a href="#">text</a>	Prime crew of the Skylab 2 mission stand beside T-38 prior to take off
S73-25898	<a href="#">image</a>	<a href="#">text</a>	Skylab 2 Astronaut Paul Weitz suiting up at KSC during prelaunch
S73-25900	<a href="#">image</a>	<a href="#">text</a>	Skylab 2 Astronaut Joseph Kerwin suiting up at KSC during prelaunch
S73-25901	<a href="#">image</a>	<a href="#">text</a>	Skylab 2 Astronaut Joseph Kerwin suiting up at KSC during prelaunch
S73-25902	<a href="#">image</a>	<a href="#">text</a>	Skylab 2 prime crew photographed at Launch Complex 39 KSC
S73-26380	<a href="#">image</a>	<a href="#">text</a>	Parasol construction in bldg 10 for Skylab 2 flight
S73-26390	<a href="#">image</a>	<a href="#">text</a>	"Parasol", sunshade for Skylab 1, receives checkout in bldg 10
S73-26394	<a href="#">image</a>	<a href="#">text</a>	Dr. Christopher Kraft looks over packaged "parasol" in

bldg 10

S73-26401 [image](#) [text](#) "Parasol", sunshade for Skylab 1, receives checkout in bldg 10

S73-26738 [image](#) [text](#) View of the Skylab 1 space station cluster from the Skylab 2 Command Module

S73-26773 [image](#) [text](#) Deployment of "Parasol" solar shield

S73-26775 [image](#) [text](#) Deployment of "Parasol" solar shield

S73-26776 [image](#) [text](#) Interior view of Orbital Workshop of the Skylab 1 space station cluster

S73-26794 [image](#) [text](#) Skylab 2 astronauts seen in wardroom of crew quarters of Skylab 1 station

S73-26795 [image](#) [text](#) Flight Directors Puddy and Shaffer in Mission Control during Skylab 2 launch

S73-26849 [image](#) [text](#) Flight directors for Skylab 1 & 2 mission around console in Mission Control

S73-26912 [image](#) [text](#) Launch of unmanned Skylab 1 space vehicle

S73-26913 [image](#) [text](#) Launch of unmanned Skylab 1 space vehicle

S73-27078 [image](#) [text](#) Skylab beverage container filled with orange juice held by Astronaut Conrad

S73-27081 [image](#) [text](#) Skylab 2 astronauts seen in wardroom of crew quarters of Skylab 1 station

S73-27095 [image](#) [text](#) Launch of the Skylab 2 space vehicle

S73-27096 [image](#) [text](#) Launch of the Skylab 2 space vehicle

S73-27160 [image](#) [text](#) Astronaut Charles Conrad seated at Apollo Telescope Mount control console

S73-27182 [image](#) [text](#) View of the Skylab 1 space station cluster from the Skylab 2 Command Module

S73-27262 [image](#) [text](#) Skylab 2 crewmen give demonstration on effects of weightlessness

S73-27403 [image](#) [text](#) Tools being considered for use in freeing solar array wing

of Skylab

S73-27406	<a href="#">image</a>	<a href="#">text</a>	Structure duplicating problem with solar array wing number one on Skylab
S73-27467	<a href="#">image</a>	<a href="#">text</a>	Overhead view of Astronaut Paul Weitz at video tape recorder
S73-27508	<a href="#">image</a>	<a href="#">text</a>	Artist concept of astronaut attempting to free solar array on Skylab
S73-27509	<a href="#">image</a>	<a href="#">text</a>	Astronaut Joseph Kerwin takes blood sample from Astronaut Charles Conrad
S73-27562	<a href="#">image</a>	<a href="#">text</a>	Astronaut Joseph Kerwin during EVA at Skylab 1 and 2 space station cluster
S73-27707	<a href="#">image</a>	<a href="#">text</a>	Astronaut Charles Conrad as test subject for Lower Body Negative Pressure
S73-27734	<a href="#">image</a>	<a href="#">text</a>	Skylab 2 Astronaut during EVA at Skylab 1 and 2 space station cluster
S73-28818	<a href="#">image</a>	<a href="#">text</a>	Skylab 2 astronauts at welcome home ceremonies at Ellington AFB
S73-29138	<a href="#">image</a>	<a href="#">text</a>	Skylab 2 Command Module is hoisted aboard prime recovery ship
S73-29141	<a href="#">image</a>	<a href="#">text</a>	Skylab 2 crewmen arrive on deck of prime recovery ship
S73-29147	<a href="#">image</a>	<a href="#">text</a>	Skylab 2 Command Module floats in Pacific Ocean following splashdown
S73-30889	<a href="#">image</a>	<a href="#">text</a>	Leonid Breznev and Richard Nixon examine plaques presented by Skylab crew
S73-33788	<a href="#">image</a>	<a href="#">text</a>	Skylab 2 Solar Physics Experiment
S73-34295	<a href="#">image</a>	<a href="#">text</a>	Multi-spectral Line Scanner image of Northern California
S73-34295B	<a href="#">image</a>	<a href="#">text</a>	Multi-spectral Line Scanner image of Northern California
S73-35078	<a href="#">image</a>	<a href="#">text</a>	View of Phoenix, Arizona metropolitan area
S73-36161	<a href="#">image</a>	<a href="#">text</a>	Dr. Robert Clark studies levels of radiation Skylab 2 crew was exposed to

S74-23654	<a href="#">image</a>	<a href="#">text</a>	Mosaic of Baja and Sea of Cortez, Mexico
S75-21432	<a href="#">image</a>	<a href="#">text</a>	Artist's concept of Astronauts Kerwin and Conrad repairing solar array wing
SL2-01-107	<a href="#">image</a>	<a href="#">text</a>	Close up View of the Damaged and Partially Deployed Solar Array
SL2-01-111	<a href="#">image</a>	<a href="#">text</a>	One of the Two Scientific Airlocks on the Orbital Workshop Section
SL2-01-120	<a href="#">image</a>	<a href="#">text</a>	Close-up view of partially deployed, damaged solar array
SL2-02-157	<a href="#">image</a>	<a href="#">text</a>	Skylab Dental Examination
SL2-02-161	<a href="#">image</a>	<a href="#">text</a>	Astronaut Charles Conrad using the bicycle ergometer
SL2-02-162	<a href="#">image</a>	<a href="#">text</a>	Astronaut Charles Conrad poses in shower facility in crew quarters
SL2-02-180	<a href="#">image</a>	<a href="#">text</a>	Astronaut Joseph Kerwin test subject Lower Body Negative Pressure experiment
SL2-03-118	<a href="#">image</a>	<a href="#">text</a>	San Francisco and Bay Area, CA, USA
SL2-03-126	<a href="#">image</a>	<a href="#">text</a>	Mojave Desert, California
SL2-03-192	<a href="#">image</a>	<a href="#">text</a>	Lake Mead, NV
SL2-03-200	<a href="#">image</a>	<a href="#">text</a>	Phoenix, AZ, USA
SL2-03-205	<a href="#">image</a>	<a href="#">text</a>	Astronaut Joseph Kerwin strapped into sleep restraint in crew quarters
SL2-04-018	<a href="#">image</a>	<a href="#">text</a>	Lake Powell, Colorado River, Utah and Grand Canyon, Arizona
SL2-04-179	<a href="#">image</a>	<a href="#">text</a>	Sacramento Valley, CA, USA
SL2-04-248	<a href="#">image</a>	<a href="#">text</a>	Rendezvous and Fly Around Inspection of Skylab I Orbital Space Station
SL2-04-265	<a href="#">image</a>	<a href="#">text</a>	Rendezvous and Fly Around Inspection of Skylab I Orbital Space Station
SL2-04-288	<a href="#">image</a>	<a href="#">text</a>	White Sands, Carrizozo Lava Beds, NM
SL2-05-359	<a href="#">image</a>	<a href="#">text</a>	Southern Italy

SL2-05-364	<a href="#">image</a>	<a href="#">text</a>	Entire Island of Crete
SL2-05-370	<a href="#">image</a>	<a href="#">text</a>	Strait of Gibraltar
SL2-05-380	<a href="#">image</a>	<a href="#">text</a>	Ottawa, Quebec Province, Canada and Glaciated Landscape
SL2-05-381	<a href="#">image</a>	<a href="#">text</a>	Boston, MA and New England Coastline
SL2-05-389	<a href="#">image</a>	<a href="#">text</a>	Detroit and the Lower Peninsula of Michigan
SL2-05-390	<a href="#">image</a>	<a href="#">text</a>	Detroit, MI, Toledo, OH and Lake Erie
SL2-05-393	<a href="#">image</a>	<a href="#">text</a>	Chesapeake Bay, Potomac River
SL2-05-397	<a href="#">image</a>	<a href="#">text</a>	New Orleans, Louisiana, Mississippi River, and Lake Pontchartrain
SL2-05-422	<a href="#">image</a>	<a href="#">text</a>	Mississippi River, Yazoo Basin, Memphis, TN
SL2-05-454	<a href="#">image</a>	<a href="#">text</a>	Lake Superior, Duluth, MN
SL2-05-458	<a href="#">image</a>	<a href="#">text</a>	Northwest Washington State
SL2-07-615	<a href="#">image</a>	<a href="#">text</a>	Skylab 2 Farewell View from the Departing Skylab Command/Service Module
SL2-07-651	<a href="#">image</a>	<a href="#">text</a>	Skylab 2 Farewell View from the Departing Skylab Command/Service Module
SL2-07-667	<a href="#">image</a>	<a href="#">text</a>	Skylab 2 Farewell View from the Departing Skylab Command/Service Module
SL2-09-730	<a href="#">image</a>	<a href="#">text</a>	Astronaut Joseph Kerwin forms perfect sphere with water droplet
SL2-09-747	<a href="#">image</a>	<a href="#">text</a>	Astronaut Paul Weitz at the control panel of the Apollo Telescope Mount
SL2-09-749	<a href="#">image</a>	<a href="#">text</a>	Astronaut Paul Weitz gets physical examination from Astronaut Joseph Kerwin
SL2-09-755	<a href="#">image</a>	<a href="#">text</a>	Astronaut Charles Conrad trims hair of Astronaut Paul Weitz
SL2-10-250	<a href="#">image</a>	<a href="#">text</a>	Eastern Iowa, Northwestern Illinois

SL2-10-260 [image](#) [text](#) Louisville, KY, USA

SL2-100-798 [image](#) [text](#) Skylab 2 Crewmember During EVA to Repair and Deploy Damaged Solar Panel

SL2-100-799 [image](#) [text](#) View of crewmen performing EVA taken from inside OWS

SL2-102-900 [image](#) [text](#) Himalayan Mountain Range, India/Tibet

SL2-103-967 [image](#) [text](#) Lower New England, USA

SL2-106-1194 [image](#) [text](#) Cape Canaveral, Kennedy Space Center, Florida

SL2-15-281 [image](#) [text](#) Orlando, FL, USA

SL2-16-174 [image](#) [text](#) Lower Chesapeake Bay, VA, USA

SL2-81-014 [image](#) [text](#) Canyonlands National Park, UT, USA

SL2-81-157 [image](#) [text](#) Black Hills Region, SD, USA

SL2-81-162 [image](#) [text](#) Western Great Plains, Badlands, SD, USA

SL2-81-189 [image](#) [text](#) Mississippi River and St. Louis, MO

SL2-81-194 [image](#) [text](#) Southern Illinois and Western Kentucky, USA

SL2-81-198 [image](#) [text](#) Cumberland River and Nashville, TN, USA



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## Press Release Images



NASA Photo ID: S71-51259

File Name: 10076058.jpg

Film Type: 4x5

Date Taken: 09/21/71

Title: Portrait of Astronaut Charles Conrad Jr.

Description:

Portrait of Astronaut Charles Conrad Jr. in civilian clothes, seated with a book in his lap.

Subject terms:

ASTRONAUTS

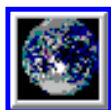
PORTRAIT



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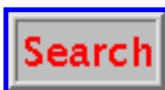


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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S71-51307

File Name: 10076060.jpg

Film Type: 4x5

Date Taken: 09/21/71

Title: Portrait of Astronaut Paul J. Weitz

Description:

Portrait of Astronaut Paul J. Weitz, in spacesuit and holding helmet.

Subject terms:

ASTRONAUTS

PORTRAIT



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## Press Release Images



NASA Photo ID: S71-52264

File Name: 10076059.jpg

Film Type: 4x5

Date Taken: 09/21/71

Title: Portrait of Astronaut Joseph P. Kerwin

Description:

Portrait of Astronaut Joseph P. Kerwin, in spacesuit and holding helmet.

Subject terms:

ASTRONAUTS

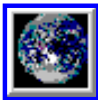
PORTRAIT



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## Press Release Images



NASA Photo ID: S72-17509

File Name: 10076063.jpg

Film Type: 120mm

Date Taken: 01/19/72

Title: Skylab 2 crew during "open house" press day at Manned Spacecraft Center (MSC)

### Description:

These three men are the crewmen for the first manned Skylab mission. They are astronaut Charles Conrad Jr., commander, standing left; scientist-astronaut Joseph P. Kerwin, seated; and Astronaut Paul J. Weitz, pilot. They were photographed and interviewed during an "open house" press day in the realistic atmosphere of the Multiple Docking Adapter (MDA) trainer in the Mission Simulation and Training Facility at the Manned Spacecraft Center (MSC). The control and display panel for the Apollo Telescope Mount (ATM) is at right.

### Subject terms:

ASTRONAUT TRAINING  
ASTRONAUTS  
CONFERENCES  
FACILITIES  
JOHNSON SPACE CENTER  
NEWS MEDIA  
SIMULATORS  
SKYLAB 2  
SKYLAB PROGRAM  
TEXAS



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Kerwin Weitz



# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S72-52630

File Name: 10076057.jpg

Film Type: 4x5

Date Taken: 02/01/72

Title: Emblem for the first manned Skylab mission

Description:

This is the emblem for the first manned Skylab mission. It will be a mission of up to 28 days. The patch, designed by artist Kelly Freas, shows the Skylab silhouetted against the earth's globe, which in turn is eclipsing the Sun - showing the brilliant signet-ring pattern of the instant before total eclipse.

Subject terms:

INSIGNIAS

LOGO

SKYLAB 2

SKYLAB PROGRAM



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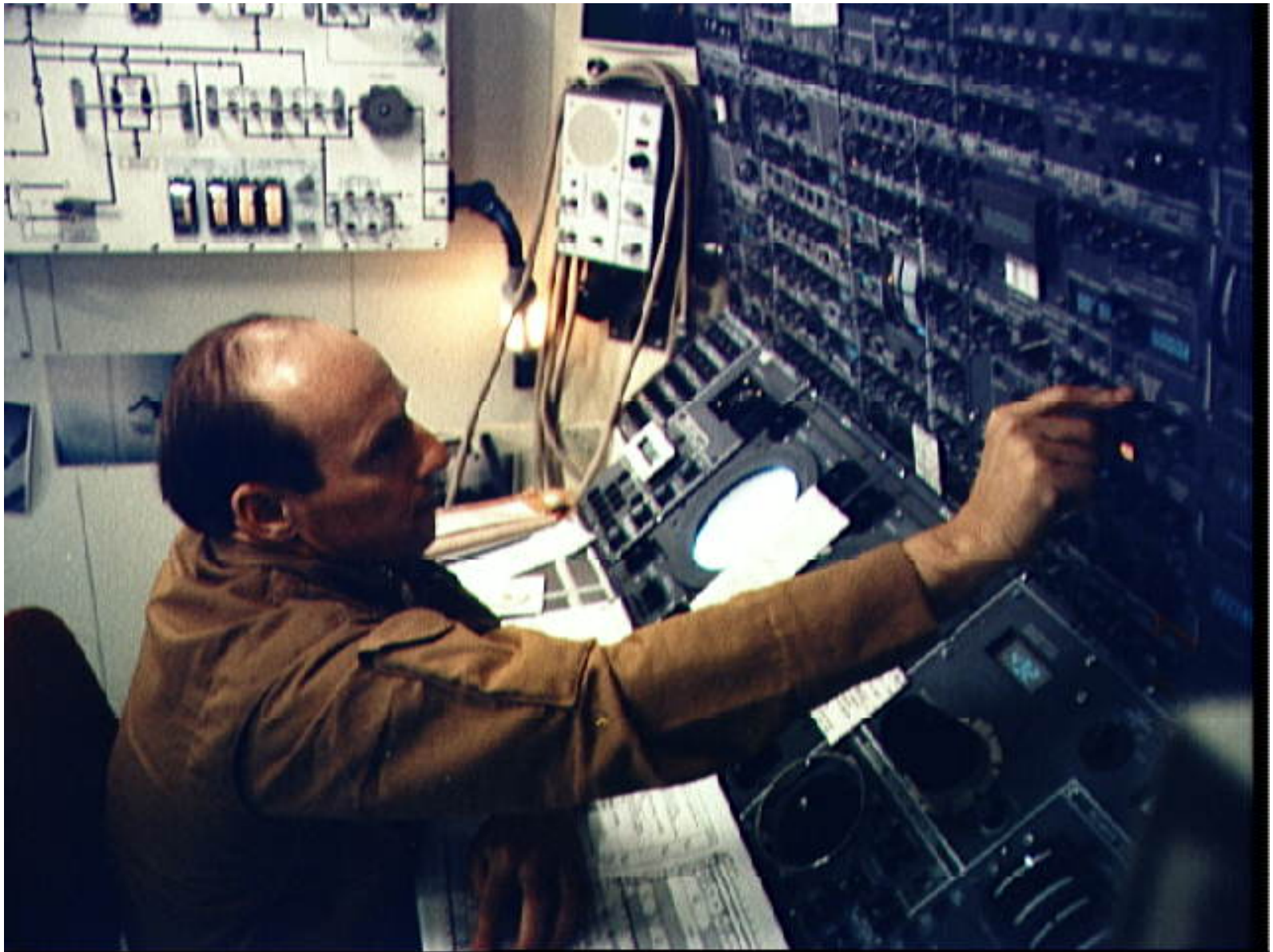
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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S73-16765

File Name: 10076064.jpg

Film Type: 4x5

Date Taken: 02/01/73

Title: Astronaut Charles Conrad Jr. working with control panel in Skylab simulation

Description:

Astronaut Charles Conrad Jr. is seen working with the control panels of the Skylab Orbital Workshop trainer during Skylab training at the Johnson Space Center.

Subject terms:

ASTRONAUT TRAINING

ASTRONAUTS

CONSOLES

JOHNSON SPACE CENTER

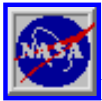
PANELS

SIMULATORS

SKYLAB 2

SKYLAB PROGRAM

TEXAS



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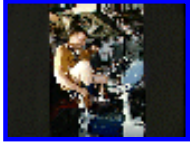
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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S73-20205

File Name: 10076065.jpg

Film Type: 35mm

Date Taken: 03/01/73

Title: Astronaut Paul Weitz prepares to use bicycle ergometer in Skylab trainer

Description:

Astronaut Paul J. Weitz, pilot for the first manned Skylab mission, prepares to check out the bicycle ergometer in the work and experiments area of the crew quarters of the Skylab Orbital Workshop (OWS) trainer during Skylab training at the Johnson Space Center. Scientist-Astronaut Joseph P. Kerwin, science pilot of the mission, is in the background.

Subject terms:

ASTRONAUT TRAINING

ASTRONAUTS

ERGOMETERS

MOCK-UP

SIMULATORS

SKYLAB 2

SKYLAB PROGRAM



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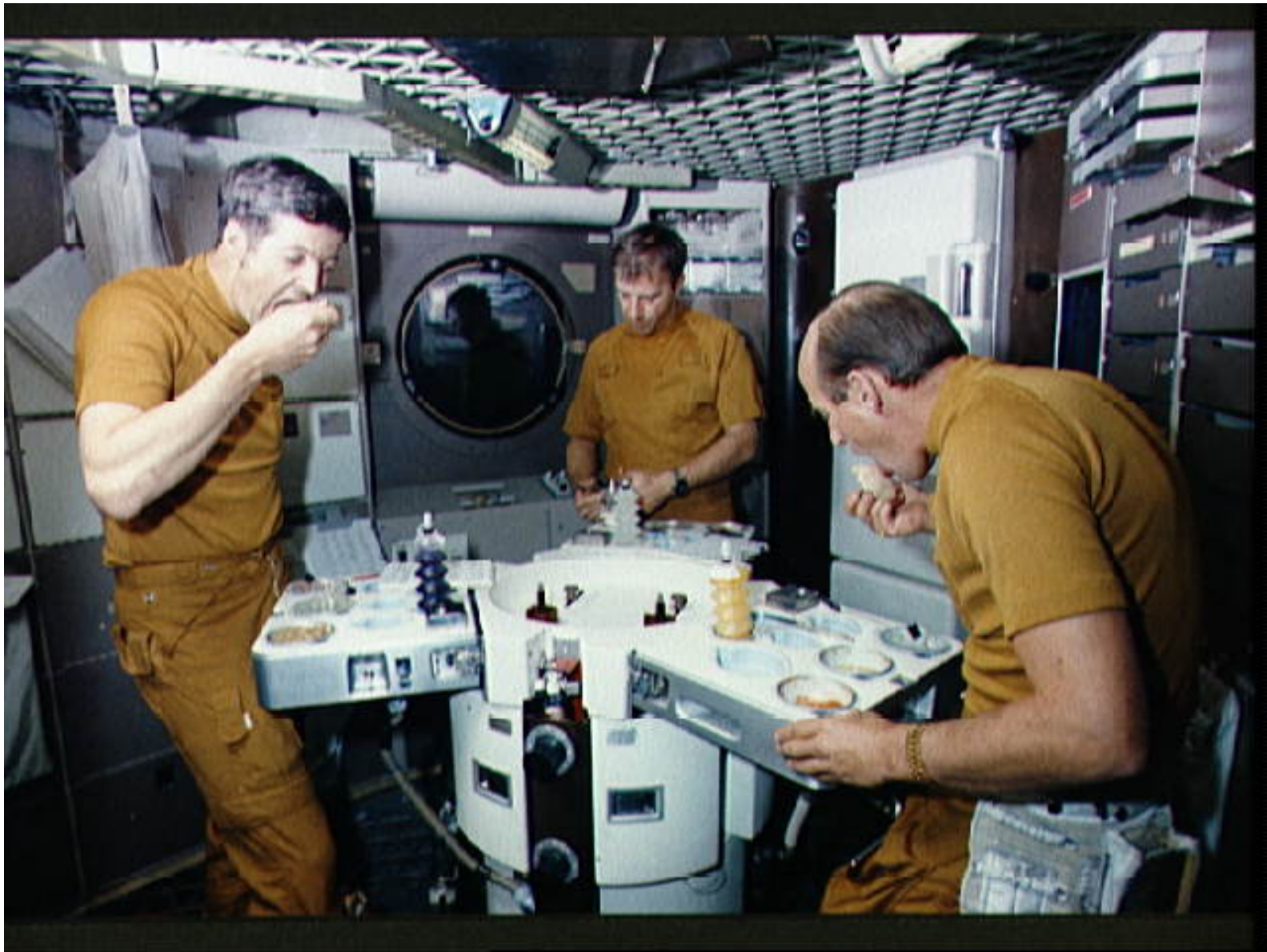
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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S73-20236

File Name: 10076066.jpg

Film Type: 35mm

Date Taken: 03/01/73

Title: Skylab 2 astronauts eat space food in wardroom of Skylab trainer

Description:

The three members of the prime crew of the first manned Skylab mission dine on specially prepared Skylab space food in the wardroom of the crew quarters of the Skylab Orbital Workshop (OWS) trainer during Skylab training at the Johnson Space Center. They are, left to right, Scientist-Astronaut Joseph P. Kerwin, science pilot; Astronaut Paul J. Weitz, pilot; and Astronaut Charles Conrad Jr., commander.

Subject terms:

ASTRONAUT TRAINING

ASTRONAUTS

EATING

FACILITIES

FOOD

JOHNSON SPACE CENTER

MOCK-UP

SIMULATORS

SKYLAB 2

SKYLAB PROGRAM

TEXAS



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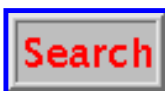


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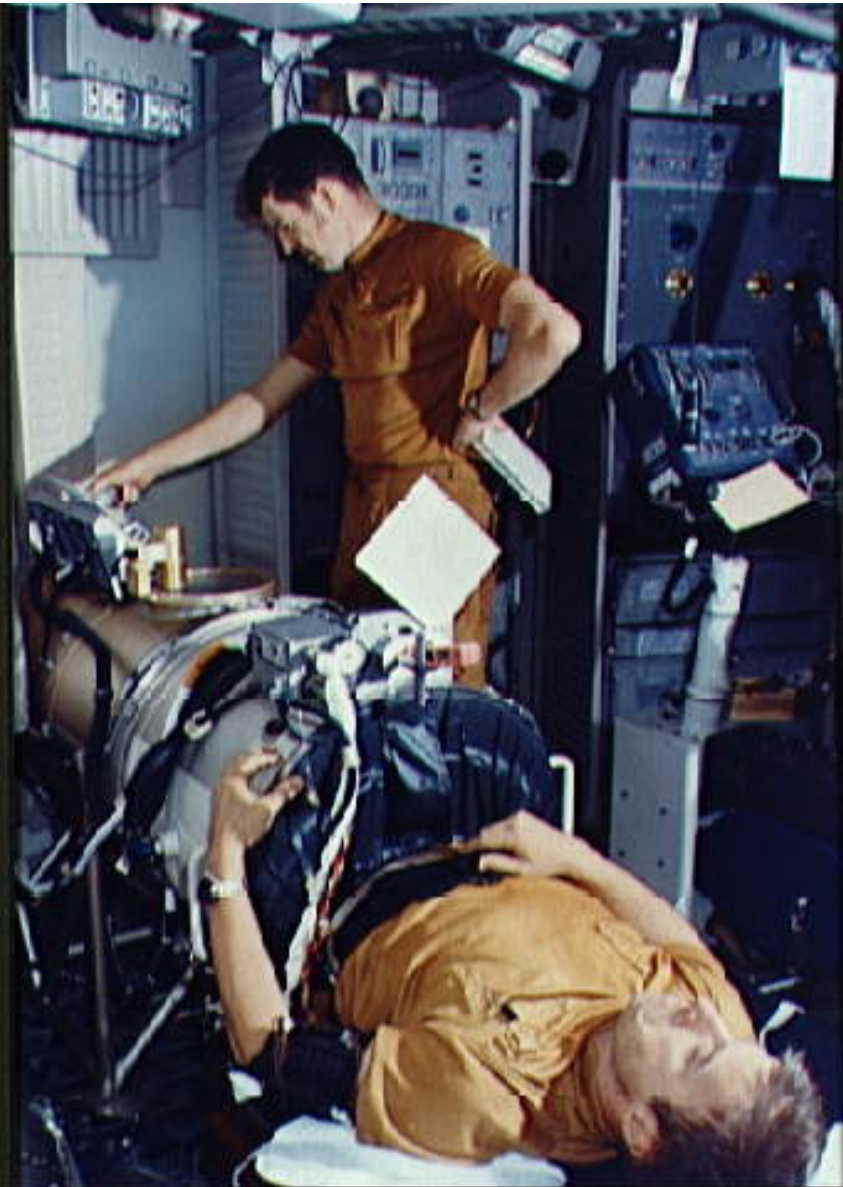
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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S73-20276

File Name: 10076067.jpg

Film Type: 35mm

Date Taken: 03/01/73

Title: Astronaut Paul Weitz lies in lower body negative pressure device in trainer  
Description:

Astronaut Paul J. Weitz, pilot of the first manned Skylab mission, lies in the lower body negative pressure device during Skylab training at JSC. Operating the controls in the background is scientist-astronaut Joseph P. Kerwin, science pilot of the mission. They are in the work and experiments area of the crew quarters of the Skylab Orbital Workshop (OWS) trainer at JSC.

Subject terms:

ASTRONAUT TRAINING

ASTRONAUTS

BLOOD PRESSURE

FACILITIES

JOHNSON SPACE CENTER

LOWER BODY NEGATIVE PRESSURE

MOCK-UP

SIMULATORS

SKYLAB 2

SKYLAB PROGRAM

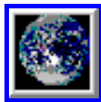
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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S73-20678

File Name: 10076068.jpg

Film Type: 35mm

Date Taken: 03/01/73

Title: Astronauts Conrad and Kerwin practice Human Vestibular Function experiment

Description:

Astronaut Charles Conrad Jr., commander of the first manned Skylab mission, checks out the Human Vestibular Function, Experiment M131, during Skylab training at JSC. Scientist-Astronaut Joseph P. Kerwin, science pilot of the mission, goes over a checklist. The two men are in the work and experiments compartment of the crew quarters of the Skylab Orbital Workshop (OWS) trainer at JSC.

Subject terms:

ASTRONAUT TRAINING

ASTRONAUTS

FACILITIES

JOHNSON SPACE CENTER

MOCK-UP

SIMULATORS

SKYLAB 2

SKYLAB PROGRAM

SPACEBORNE EXPERIMENTS

TEXAS

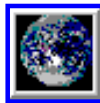
VESTIBULAR TESTS



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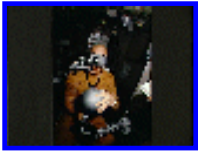
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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S73-20695

File Name: 10076069.jpg

Film Type: 35mm

Date Taken: 03/01/73

Title: Astronaut Charles Conrad checks out Human Vestibular Function experiment  
Description:

Astronaut Charles Conrad Jr., commander of the first manned Skylab mission, checks out the Human Vestibular Function, Experiment M131, during Skylab training at JSC. Conrad is in the work and experiments compartment of the crew quarters of the Skylab Orbital Workshop (OWS) trainer at JSC. The reference sphere with a magnetic rod is used by the astronaut to indicate body orientation non-visually. The litter chair in which he is seated can be rotated by a motor at its base or, when not being rotated, can tilt forward, backward or to either side.

Subject terms:

ASTRONAUT TRAINING

ASTRONAUTS

FACILITIES

JOHNSON SPACE CENTER

MOCK-UP

SIMULATORS

SKYLAB 2

SKYLAB PROGRAM

SPACEBORNE EXPERIMENTS

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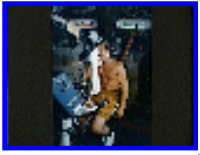
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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S73-20713

File Name: 10076070.jpg

Film Type: 35mm

Date Taken: 03/01/73

Title: Astronaut Charles Conrad following exercise session on bicycle ergometer

Description:

Astronaut Charles Conrad Jr., commander of the first manned Skylab mission, wipes perspiration from his face following an exercise session on the bicycle ergometer during Skylab training at JSC. Conrad is in the work and experiments compartment of the crew quarters of the Skylab Orbital Workshop (OWS) trainer at JSC. In addition to being the prime exercise for the crewmen, the ergometer is also used for the vector-cardiogram test and the metabolic activity experiment. The bicycle ergometer produces measured work loads for use in determining man's metabolic effectiveness.

Subject terms:

ASTRONAUT TRAINING

ASTRONAUTS

ERGOMETERS

FACILITIES

JOHNSON SPACE CENTER

MOCK-UP

PHYSICAL EXERCISE

SIMULATORS

SKYLAB 2

SKYLAB PROGRAM

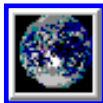
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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S73-20716

File Name: 10076071.jpg

Film Type: 35mm

Date Taken: 03/01/73

Title: Astronaut Paul Weitz works with UV Stellar Astronomy Experiment

Description:

Astronaut Paul J. Weitz, pilot of the first manned Skylab mission, works with the UV Stellar Astronomy Experiment S019 in the forward compartment of the Skylab Orbital Workshop (OWS) trainer during Skylab training at JSC. The equipment consists of a reflecting telescope, a 35mm camera and an additional mirror. It is mounted in an anti-solar scientific airlock in the side of the OWS.

Subject terms:

ASTRONAUT TRAINING

ASTRONAUTS

FACILITIES

JOHNSON SPACE CENTER

MOCK-UP

SIMULATORS

SKYLAB 2

SKYLAB PROGRAM

SPACEBORNE ASTRONOMY

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ULTRAVIOLET ASTRONOMY



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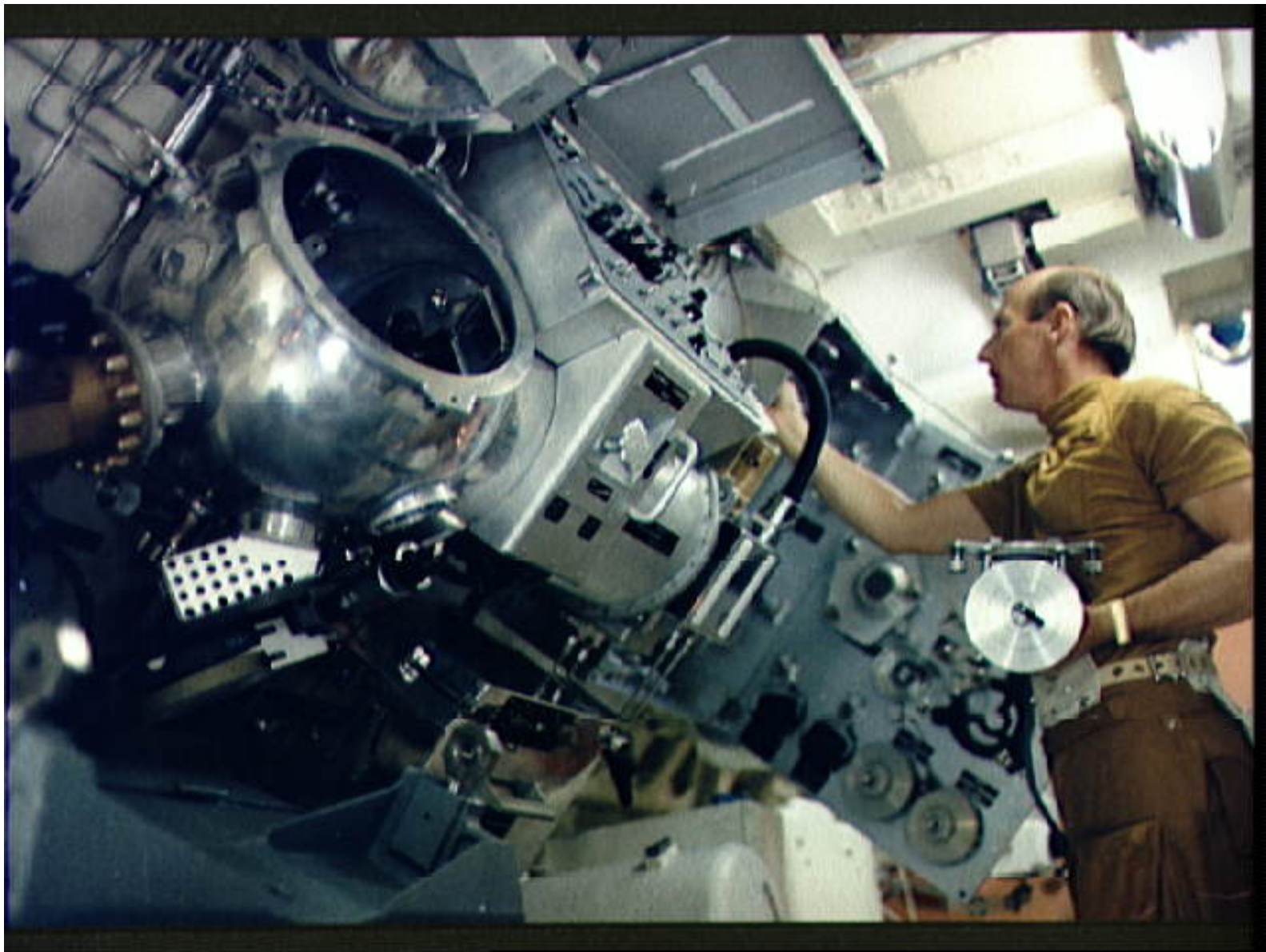
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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S73-20759

File Name: 10076072.jpg

Film Type: 35mm

Date Taken: 03/01/73

Title: Astronaut Charles Conrad takes items from materials processing storage area  
Description:

Astronaut Charles Conrad Jr., commander of the first manned Skylab mission, takes items from the M512 materials processing equipment storage assembly during Skylab training at JSC. Conrad is standing in the Multiple Docking Adapter (MDA) trainer in the JSC Mission Simulation and Training Facility. The assembly holds equipment designed to explore space manufacturing capability in a weightless state. Conrad is holding one of the experiment parts in his left hand.

Subject terms:

ASTRONAUT TRAINING

ASTRONAUTS

FACILITIES

JOHNSON SPACE CENTER

MATERIALS DEVELOPMENT

MATERIALS TESTS

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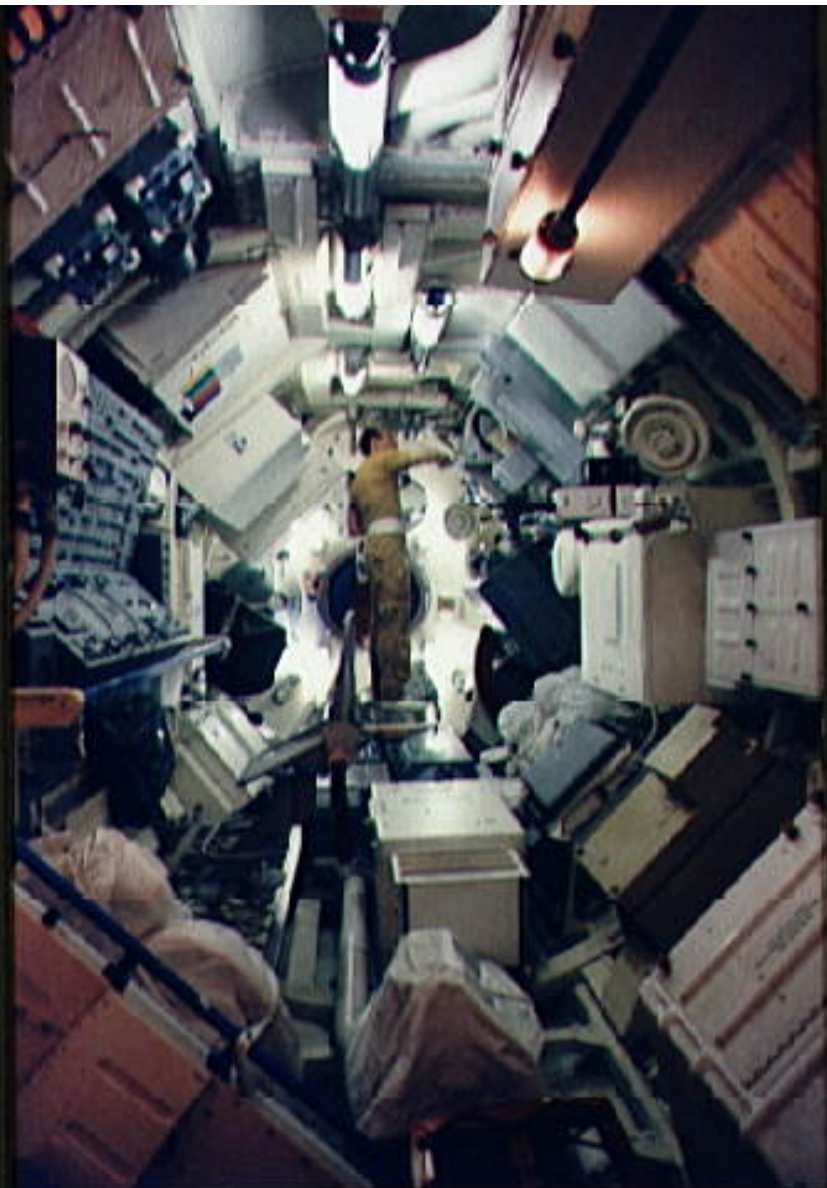
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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S73-20774

File Name: 10076073.jpg

Film Type: 35mm

Date Taken: 03/01/73

Title: Astronaut Charles Conrad goes through checklist of experiment activity  
Description:

Astronaut Charles Conrad Jr., commander of the first manned Skylab mission, goes through a checklist of experiment activity during Skylab training at JSC. Conrad is standing in the Multiple Docking Adapter (MDA) in the Mission Simulation and Training Facility At JSC. He is working at the "materials processing in space" facility in the MDA.

Subject terms:

ASTRONAUT TRAINING

ASTRONAUTS

FACILITIES

JOHNSON SPACE CENTER

MOCK-UP

PROCEDURES

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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S73-24303

File Name: 10076061.jpg

Film Type: 4x5

Date Taken: 05/01/73

Title: Skylab 1 prime crew

Description:

These three astronauts were named as the prime crew of the first manned Skylab mission. They are, left to right, Joseph P. Kerwin, science pilot; Charles Conrad Jr., commander; and Paul J. Weitz, pilot. Note the model of the Skylab space vehicle on the table between the astronauts.

Subject terms:

ASTRONAUTS

PORTRAIT

SKYLAB 2

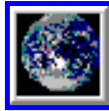
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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S73-24369

File Name: 10076074.jpg

Film Type: 35mm

Date Taken: 05/08/73

Title: Astronauts Weitz and Conrad suit up during prelaunch activity

Description:

Astronaut Paul J. Weitz, prime crew pilot of the first manned Skylab mission, is suited up in bldg 5 at JSC during prelaunch training activity. He is assisted by Astronaut Charles Conrad Jr., prime crew commander. The man in the left background is wearing a face mask to insure that Conrad, Joseph Kerwin, and Weitz are not exposed to disease prior to launch.

Subject terms:

ASTRONAUTS

CREW PROCEDURES (PREFLIGHT)

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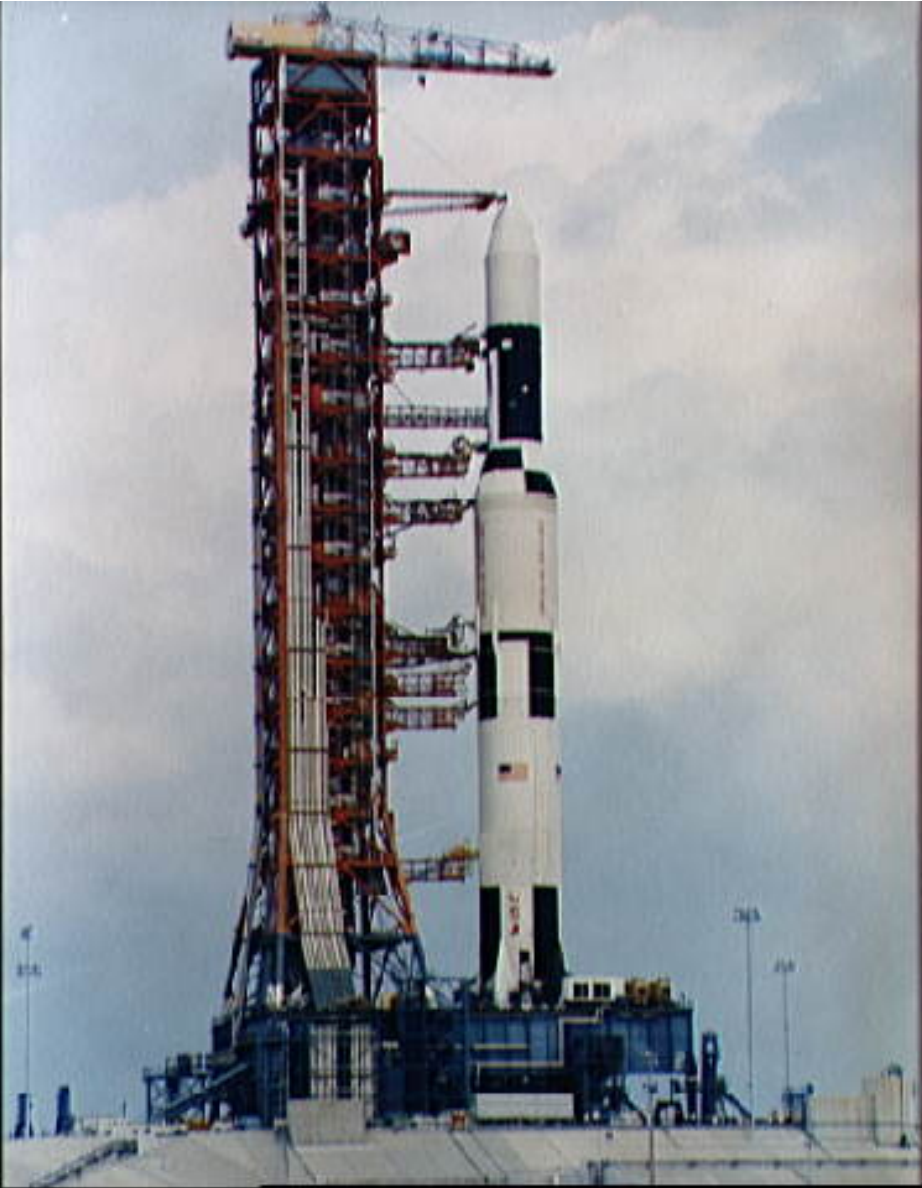
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Last Updated: February 23, 2000



# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S73-25140

File Name: 10076075.jpg

Film Type: 4x5

Date Taken: 04/16/73

Title: View of Pad A, Launch Complex 39 showing Skylab 1 space vehicle on pad  
Description:

A ground-level view of Pad A, Launch Complex 39, Kennedy Space Center, Florida, showing the 341-foot tall Skylab 1/Saturn V space vehicle on the pad soon after being rolled out from the Vehicle Assembly Building (VAB). The vehicle is composed of the Saturn V first (S-1C) stage, the Apollo Telescope Mount (ATM), the Multiple Docking Adapter (MDA), the Airlock Module (AM), and the Orbital Workshop (OWS).

Subject terms:

FACILITIES

FLORIDA

KENNEDY SPACE CENTER

LAUNCHING PADS

LAUNCHING SITES

SATURN LAUNCH VEHICLES

SKYLAB 1

SKYLAB PROGRAM

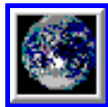
UNMANNED SPACECRAFT



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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S73-25399

File Name: 10076076.jpg

Film Type: 4x5

Date Taken: 05/08/73

Title: Skylab 2 prime crew suit up during prelaunch training activity

Description:

Astronaut Paul J. Weitz, prime crew pilot of the first manned Skylab mission, is suited up in bldg 5 at JSC during prelaunch training activity. He is assisted by Astronaut Charles Conrad Jr., prime crew commander. The man in the left background is wearing a face mask to insure that Conrad, Joseph Kerwin, and Weitz are not exposed to disease prior to launch (25399); Scientist-Astronaut Joseph P. Kerwin (on left), and Weitz assist each other in suiting up in bldg 5 at JSC during pre-launch training activity (25400).

Subject terms:

ASTRONAUT TRAINING

ASTRONAUTS

CREW PROCEDURES (PREFLIGHT)

JOHNSON SPACE CENTER

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SKYLAB 2

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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S73-25400

File Name: 10076077.jpg

Film Type: 4x5

Date Taken: 05/08/73

Title: Skylab 2 prime crew suit up during prelaunch training activity

Description:

Astronaut Paul J. Weitz, prime crew pilot of the first manned Skylab mission, is suited up in bldg 5 at JSC during prelaunch training activity. He is assisted by Astronaut Charles Conrad Jr., prime crew commander. The man in the left background is wearing a face mask to insure that Conrad, Joseph Kerwin, and Weitz are not exposed to disease prior to launch (25399); Scientist-Astronaut Joseph P. Kerwin (on left), and Weitz assist each other in suiting up in bldg 5 at JSC during pre-launch training activity (25400).

Subject terms:



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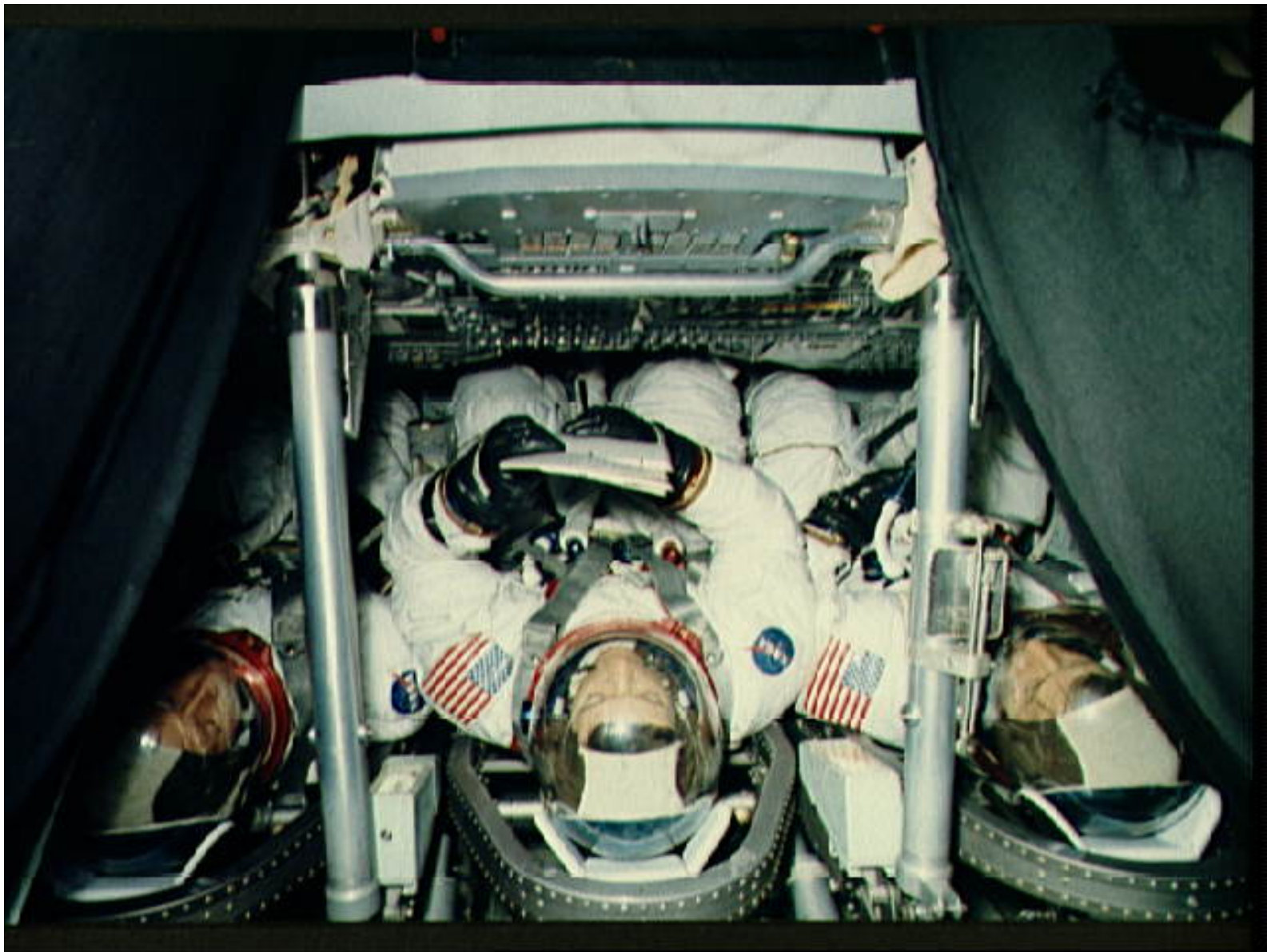
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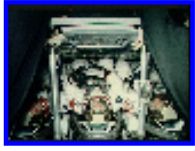
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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S73-25401

File Name: 10076078.jpg

Film Type: 4x5

Date Taken: 05/08/73

Title: Prime crew of Skylab 2 mission go over checklist during prelaunch training

Description:

The members of the prime crew of the first manned Skylab mission go over a checklist during Skylab prelaunch training activity at JSC. They are in the Apollo Command Module Mission Simulator in bldg 5 at JSC. They are, left to right, Astronaut Charles Conrad Jr., commander; Scientist-Astronaut Joseph P. Kerwin, science pilot; and Astronaut Paul J. Weitz, pilot.

Subject terms:

ASTRONAUT TRAINING

ASTRONAUTS

CREW PROCEDURES (PREFLIGHT)

FACILITIES

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MOCK-UP

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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S73-25688

File Name: 10076082.jpg

Film Type: 35mm BW

Date Taken: 05/14/73

Title: Skylab flight controllers and JSC officials in Mission Control Center

Description:

A group of key Skylab flight controllers and JSC officials cluster around Flight Director Donald R. Puddy's console in the Mission Operations Control Room in the Mission Control Center at JSC during consideration of the problem of the undeployed solar panels on the Skylab 1 Orbital Workshop. Dr. Christopher C. Kraft Jr. (wearing coat), JSC Director, is standing behind Puddy.

Subject terms:

CONSOLES

FAILURE ANALYSIS

FLIGHT CONTROL

GROUND BASED CONTROL

INTEGRATED MISSION CONTROL CENTER

JOHNSON SPACE CENTER

PERSONNEL

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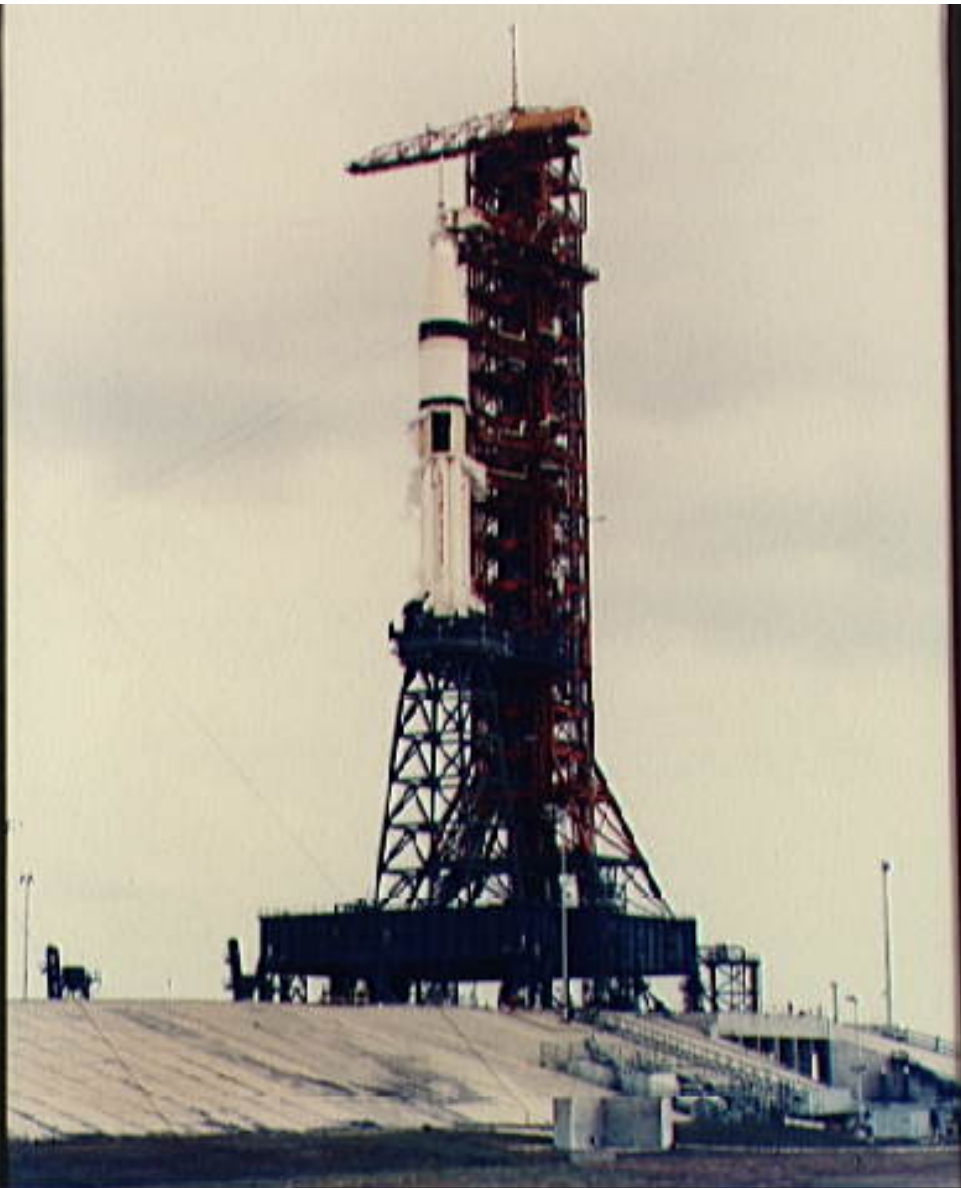
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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S73-25696

File Name: 10076093.jpg

Film Type: 4x5

Date Taken: 05/15/73

Title: View of Pad B, Launch Complex 39 showing Skylab 2 space vehicle during CDDT  
Description:

An overall view of Pad B, Launch Complex 39, Kennedy Space Center, Florida, showing the Skylab 2/Saturn 1B space vehicle during a Countdown Demonstration Test (CDDT). This is the launch vehicle for the first manned Skylab mission. The vapor being emitted from the vehicle is the venting of cryogenic propellants.

Subject terms:

COUNTDOWN

FLORIDA

KENNEDY SPACE CENTER

LAUNCHING PADS

LAUNCHING SITES

SATURN LAUNCH VEHICLES

SKYLAB 2

SKYLAB PROGRAM

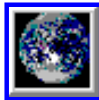
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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S73-25714

File Name: 10076079.jpg

Film Type: 35mm

Date Taken: 05/13/73

Title: Prime crew of the Skylab 2 mission stand beside T-38 prior to take off  
Description:

Members of the prime crew of the first manned Skylab Mission (Skylab 2) stand beside a NASA T-38 jet aircraft trainer at nearby Ellington Air Force Base prior to take off for the Kennedy Space Center, Florida. They are (left to right) Astronauts Paul J. Weitz, mission pilot; Charles Conrad Jr., commander; and scientist Joseph P. Kerwin, science pilot. The three crewmen have completed their pre-launch training at JSC.

Subject terms:

AIRCRAFT

ASTRONAUTS

RUNWAYS

SKYLAB 2

SKYLAB PROGRAM

T-38

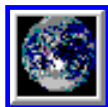
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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S73-25898

File Name: 10076092.jpg

Film Type: 4x5

Date Taken: 05/25/73

Title: Skylab 2 Astronaut Paul Weitz suiting up at KSC during prelaunch

Description:

Astronaut Paul Weitz, pilot of the Skylab 2 mission, is suited up in the Manned Spacecraft Operations Building at the Kennedy Space Center during Skylab 2 prelaunch preparations.

Subject terms:

ASTRONAUTS

CREW PROCEDURES (PREFLIGHT)

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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S73-25900

File Name: 10076090.jpg

Film Type: 4x5

Date Taken: 05/25/73

Title: Skylab 2 Astronaut Joseph Kerwin suiting up at KSC during prelaunch

Description:

Scientist-Astronaut Joseph P. Kerwin, science pilot of the Skylab 2 mission, is suited up in the Manned Spacecraft Operations Building at the Kennedy Space Center during Skylab 2 prelaunch preparations.

Subject terms:

ASTRONAUTS

CREW PROCEDURES (PREFLIGHT)

FACILITIES

FLORIDA

KENNEDY SPACE CENTER

PREFLIGHT OPERATIONS

SKYLAB 2

SKYLAB PROGRAM

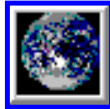
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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S73-25901

File Name: 10076091.jpg

Film Type: 4x5

Date Taken: 05/25/73

Title: Skylab 2 Astronaut Joseph Kerwin suiting up at KSC during prelaunch

Description:

Scientist-Astronaut Joseph P. Kerwin, science pilot of the Skylab 2 mission, is suited up in the Manned Spacecraft Operations Building at the Kennedy Space Center during Skylab 2 prelaunch preparations.

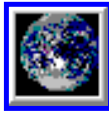
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Last Updated: February 23, 2000



# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S73-25902

File Name: 10076062.jpg

Film Type: 4x5

Date Taken: 05/04/73

Title: Skylab 2 prime crew photographed at Launch Complex 39 KSC

Description:

The three prime crew members of the first manned Skylab mission (Skylab 2) are photographed at Launch Complex 39, Kennedy Space Center, during preflight activity. They are, left to right, Astronaut Paul J. Weitz, pilot; Astronaut Charles Conrad Jr., commander; and Scientist-Astronaut Joseph P. Kerwin, science pilot. In the background is the Skylab 1/Saturn V space vehicle with its Skylab space station payload on Pad A.

Subject terms:

ASTRONAUTS

FLORIDA

KENNEDY SPACE CENTER

LAUNCHING PADS

LAUNCHING SITES

PREFLIGHT OPERATIONS

SKYLAB 1

SKYLAB 2

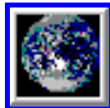
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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S73-26380

File Name: 10076083.jpg

Film Type: 120mm

Date Taken: 05/23/73

Title: Parasol construction in bldg 10 for Skylab 2 flight

Description:

Technicians in the Technical Services shop in bldg 10 work on the fabrication of the umbrella-like mechanical device called the "parasol" during Skylab 2 preflight preparations at JSC. Here, they are attaching the telescoping extension rods to the canopy. The "parasol" is one of several sunscreen possibilities being considered for use in shading the overheated Skylab 1 Orbital Workshop.

Subject terms:

CONSTRUCTION

FACILITIES

JOHNSON SPACE CENTER

PREFLIGHT OPERATIONS

PROTECTION

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SUN

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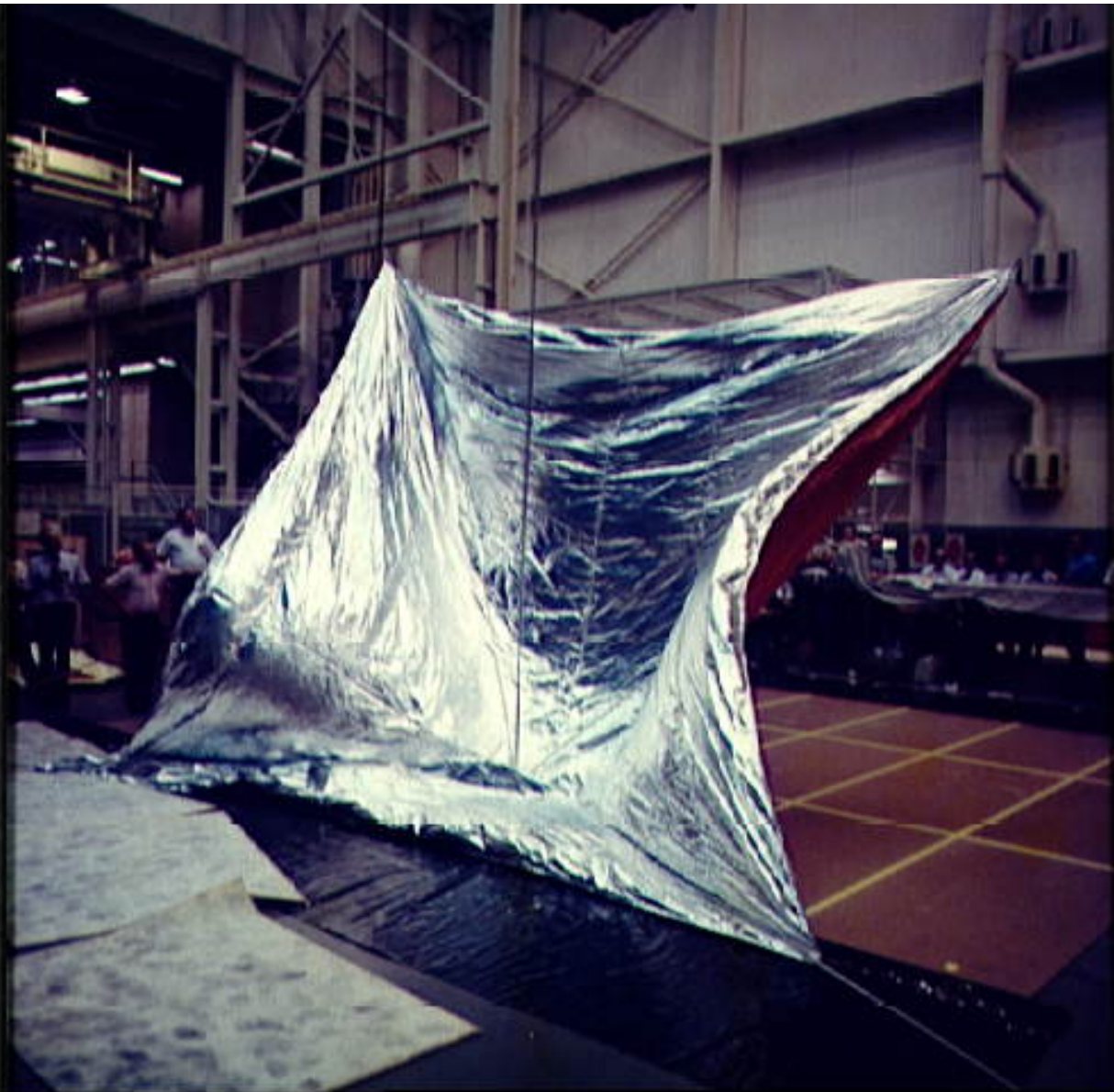
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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S73-26390

File Name: 10076086.jpg

Film Type: 120mm

Date Taken: 05/23/73

Title: "Parasol", sunshade for Skylab 1, receives checkout in bldg 10

Description:

An umbrella-like mechanical device called the "parasol", one of the several sunscreen possibilities being considered for use in shading the overheated Skylab 1 Orbital Workshop (OWS), receives a checkout in the Technical Services shop in bldg 10 at JSC. Here, the "parasol" sunshade is almost fully deployed. The "parasol" is designed to fit into the T027 experiment photometer canister. The canopy portion of the "parasol" measures 24 feet by 22 feet.

Subject terms:

CONSTRUCTION

FACILITIES

INSPECTION

JOHNSON SPACE CENTER

PREFLIGHT OPERATIONS

PROTECTION

SKYLAB 2

SKYLAB PROGRAM

SUN

TEXAS



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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S73-26394

File Name: 10076084.jpg

Film Type: 120mm

Date Taken: 05/23/73

Title: Dr. Christopher Kraft looks over packaged "parasol" in bldg 10

Description:

Dr. Christopher C. Kraft J. (left), JSC Director, and George A. Post, JSC Crew Systems Division, look over the packaged "parasol" during fabrication and checkout of the umbrella-like mechanical device in the Technical Services shop in bldg 10 at JSC. The "parasol" is designed to fit into the T027 experiment photometer canister. The canopy portion of the "parasol" measures 24 feet by 22 feet. The "parasol" is one of several sunscreen possibilities being considered for use in shading the overheated Skylab 1 Orbital Workshop.

Subject terms:

CONSTRUCTION

FACILITIES

JOHNSON SPACE CENTER

PREFLIGHT OPERATIONS

PROTECTION

SKYLAB 2

SKYLAB PROGRAM

SUN

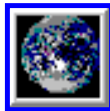
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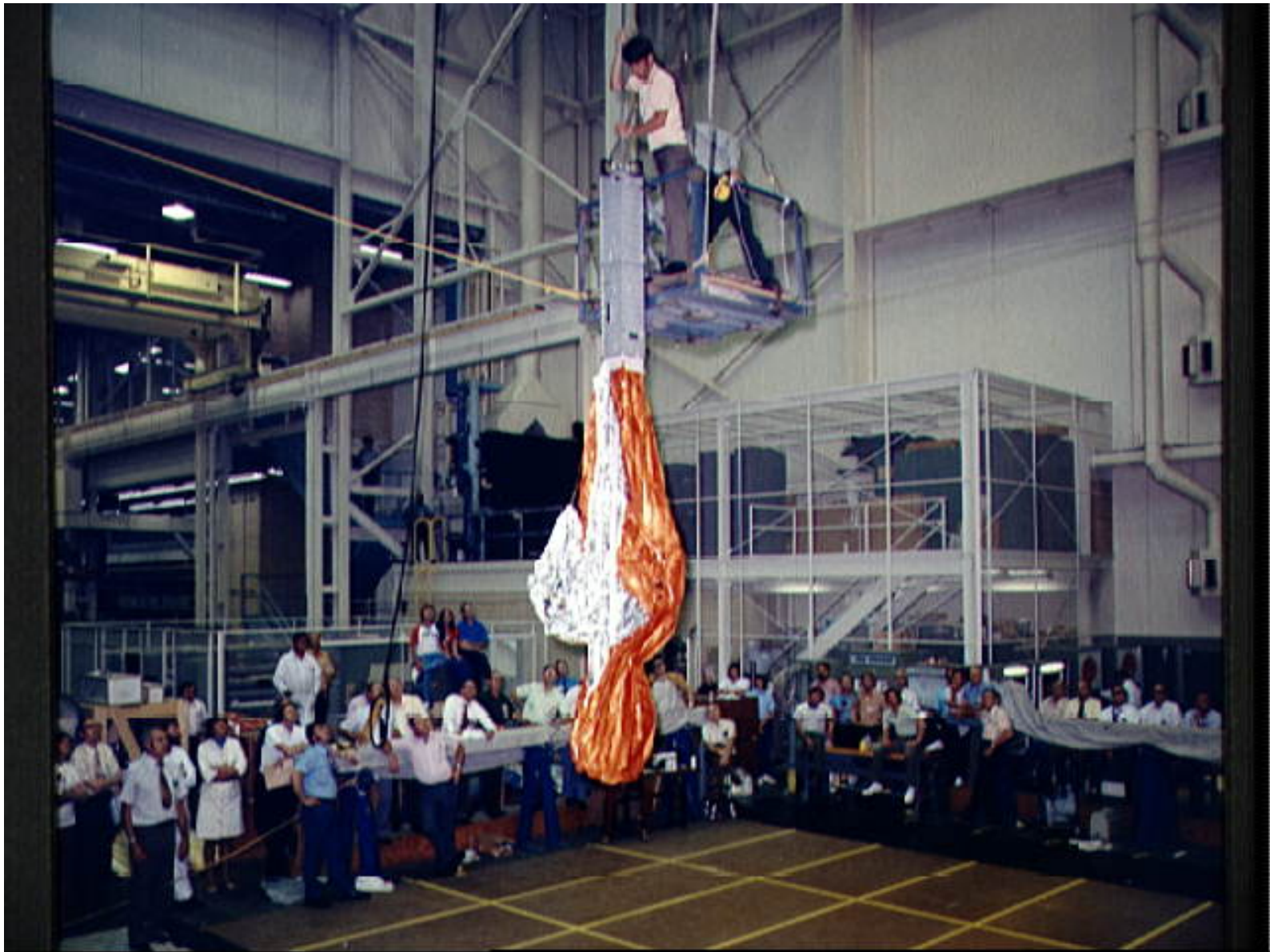
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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S73-26401

File Name: 10076085.jpg

Film Type: 120mm

Date Taken: 05/23/73

Title: "Parasol", sunshade for Skylab 1, receives checkout in bldg 10

Description:

An umbrella-like mechanical device called the "parasol", one of the several sunscreen possibilities being considered for use in shading the overheated Skylab 1 Orbital Workshop (OWS), receives a checkout in the Technical Services shop in bldg 10 at JSC. Here, a technician starts to deploy the "parasol" sunshade. The "parasol" is designed to fit into the T027 experiment photometer canister. The canopy portion of the "parasol" measures 24 feet by 22 feet.

Subject terms:

CONSTRUCTION

FACILITIES

INSPECTION

JOHNSON SPACE CENTER

PREFLIGHT OPERATIONS

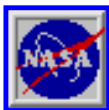
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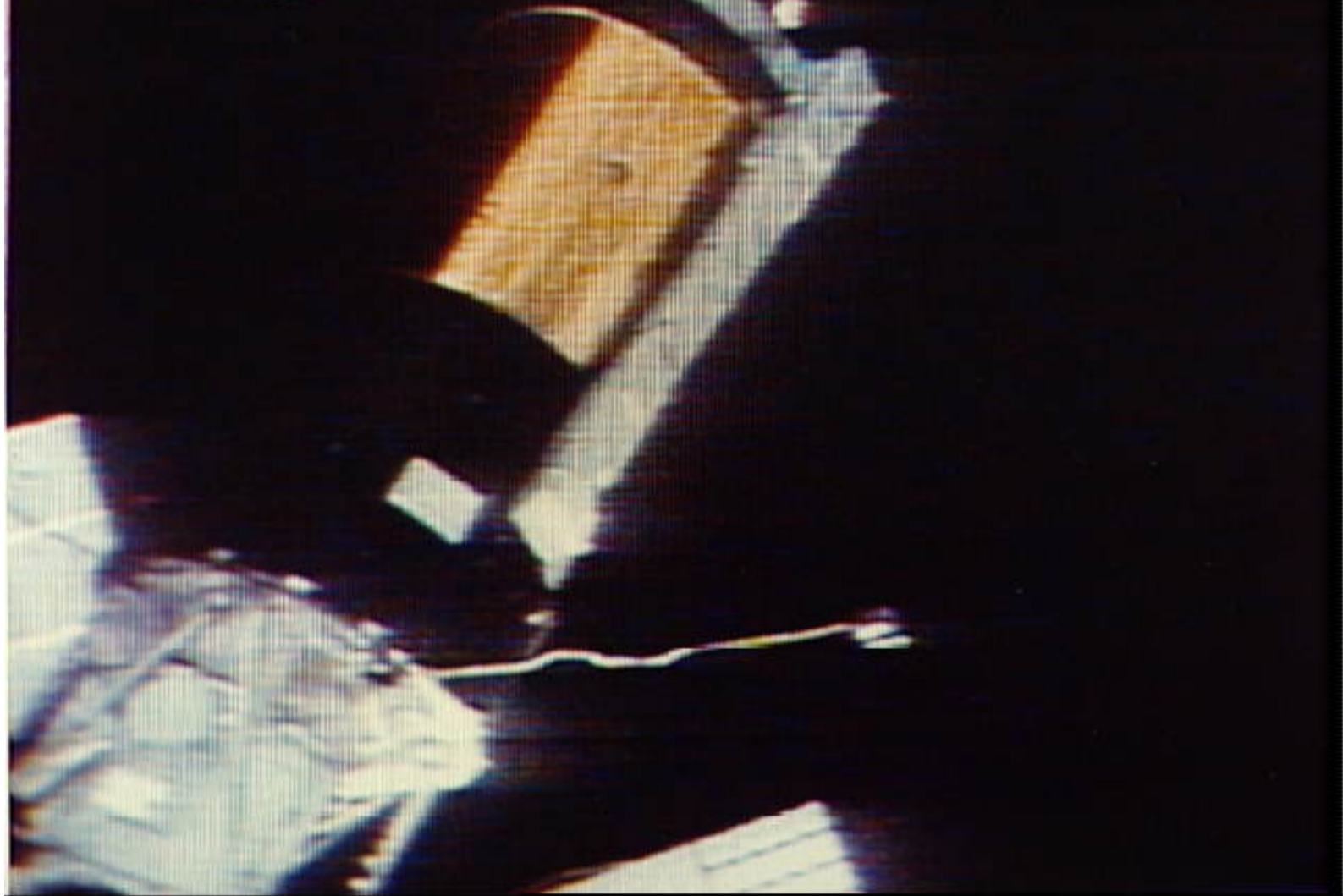
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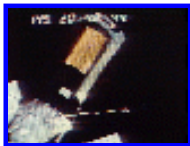
145 28 48 44





# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S73-26738

File Name: 10076099.jpg

Film Type: 4x5

Date Taken: 05/25/73

Title: View of the Skylab 1 space station cluster from the Skylab 2 Command Module  
Description:

A close-up view of the Skylab 1 space station cluster can be seen in this reproduction taken from a color television transmission made by a TV camera aboard the Skylab 2 Command Module during its "fly around" inspection of the cluster. Numbers across the top of the picture indicate the Skylab 1 ground elapsed time. Note the missing portion of the micrometeoroid shield on the Orbital Workshop. The shield area was reported to be solid gold by the Skylab 2 crewmen. A cable appears to be wrapped around the damaged OWS solar array system wing. The crewmen reported that the other OWS solar panel was completely gone, with only tubes and wiring sticking out. The Multiple Docking Adapter is in the lower left corner of the picture. A portion of a solar panel on the Apollo Telescope Mount is visible at the bottom and at the left edge.

Subject terms:

INSPECTION

MICROMETEOROIDS

REPRODUCTION

SHIELDING

SKYLAB 1

SKYLAB PROGRAM

SOLAR ARRAYS

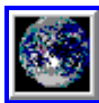
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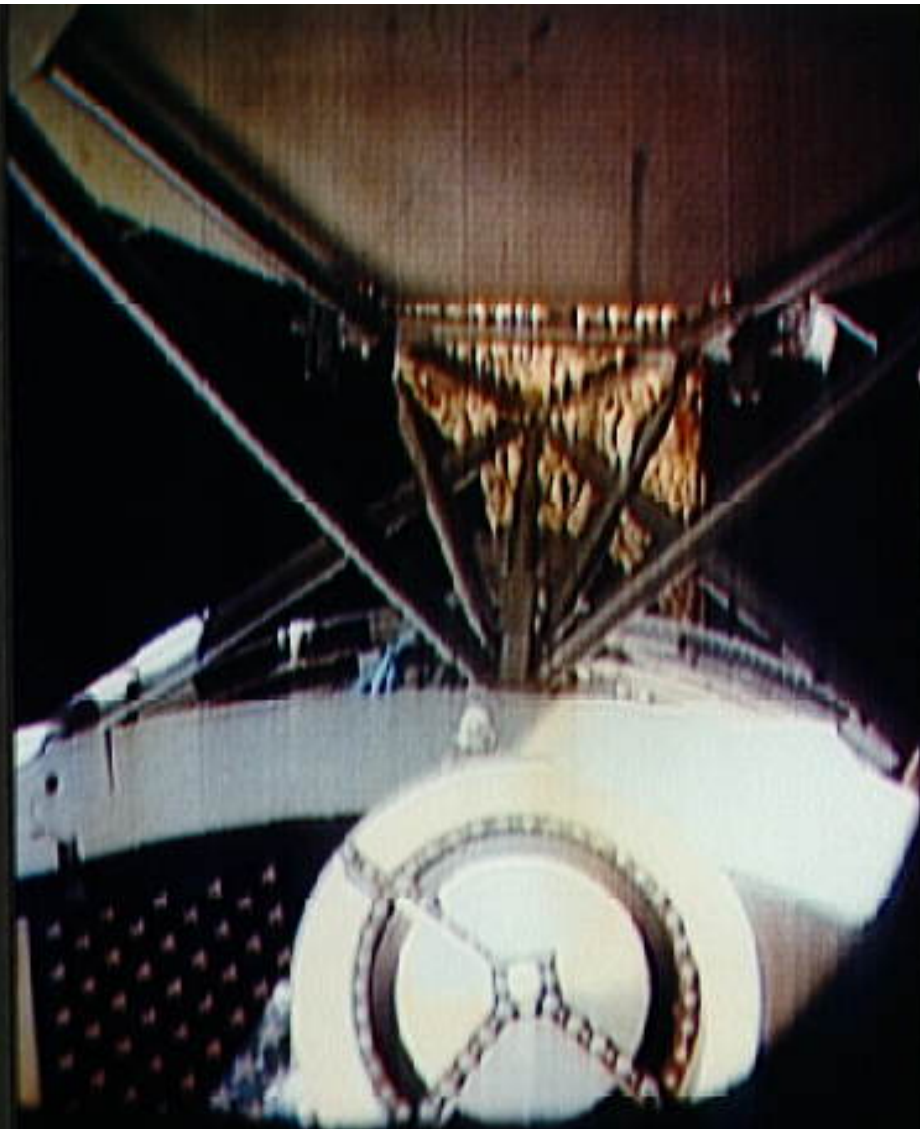
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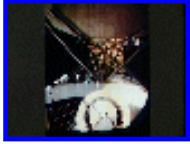
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External Affairs Branch



# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S73-26773

File Name: 10076103.jpg

Film Type: 4x5

Date Taken: 05/26/73

Title: Deployment of "Parasol" solar shield

Description:

The deployment of the "Parasol" solar shield, a sunshade to help cool the overheated Orbital Workshop of the Skylab 1 space station cluster in Earth orbit, can be seen in the reproduction taken from a color television transmission made by a TV camera aboard the space station. The camera is in the Command Module; and the view is looking through the truss of the Apollo Telescope Mount. The sunshade is only partially deployed in this picture.

Subject terms:

DEPLOYMENT

EQUIPMENT

ORBITAL SPACE STATIONS

REPRODUCTION

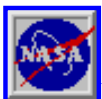
SHIELDING

SKYLAB 2

SKYLAB PROGRAM

SUN

TELEVISION TRANSMISSION



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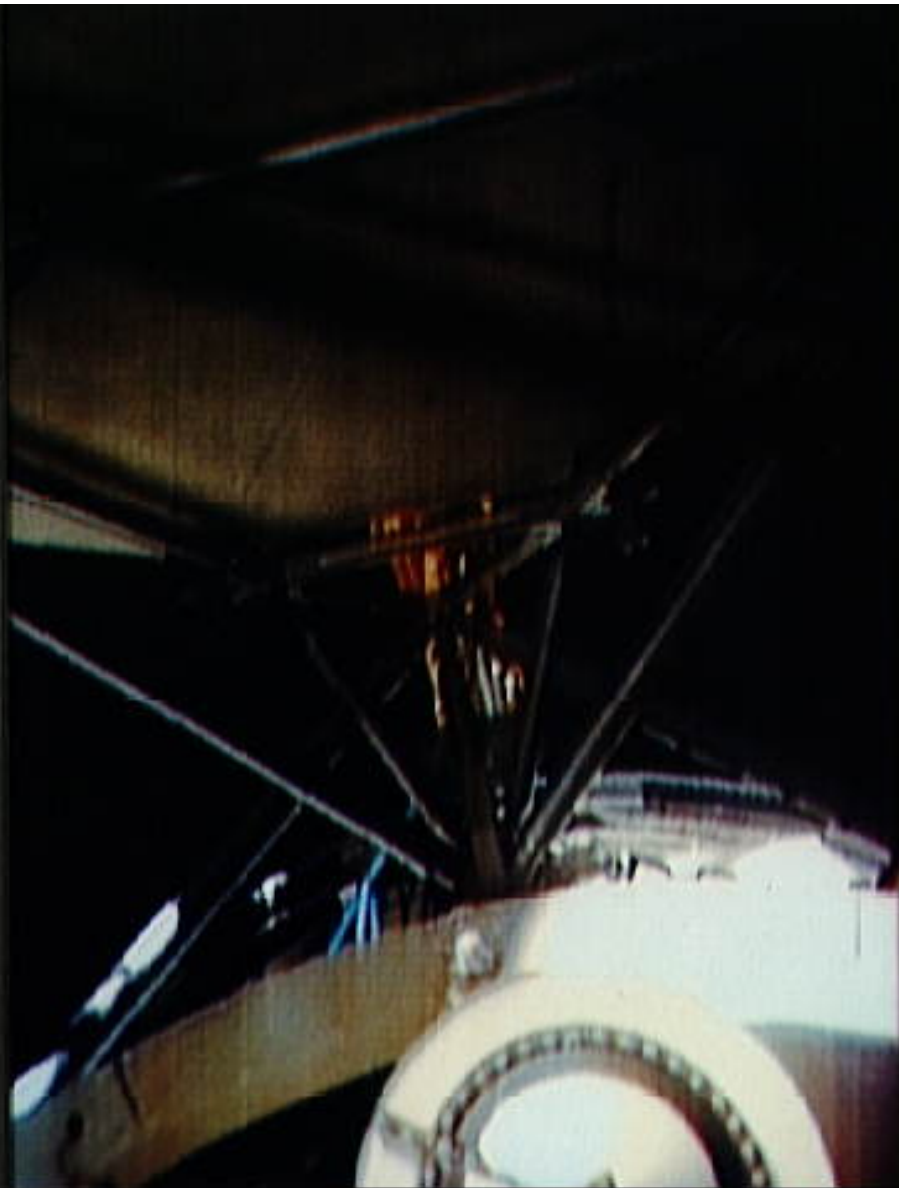
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Houston, TX 77058

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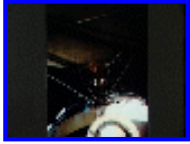
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NASA Technical Monitor: [Scott Norr](#)



# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S73-26775

File Name: 10076102.jpg

Film Type: 4x5

Date Taken: 05/26/73

Title: Deployment of "Parasol" solar shield

Description:

The deployment of the "Parasol" solar shield, a sunshade to help cool the overheated Orbital Workshop of the Skylab 1 space station cluster in Earth orbit, can be seen in the reproduction taken from a color television transmission made by a TV camera aboard the space station. The camera is in the Command Module; and the view is looking through the truss of the Apollo Telescope Mount. The sunshade is only partially deployed in this picture.

Subject terms:

DEPLOYMENT

EQUIPMENT

ORBITAL SPACE STATIONS

REPRODUCTION

SHIELDING

SKYLAB 2

SKYLAB PROGRAM

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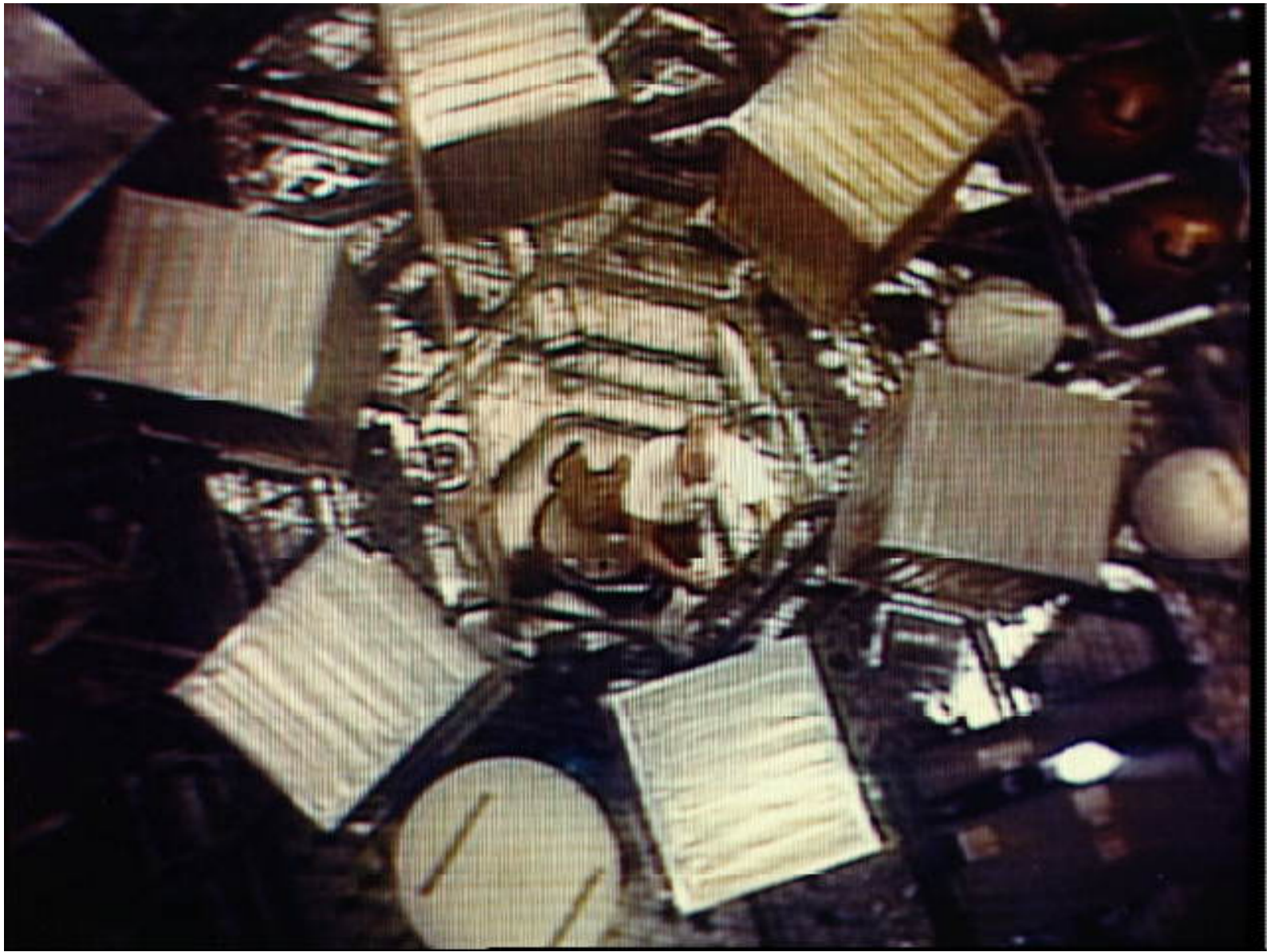
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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S73-26776

File Name: 10076121.jpg

Film Type: 4x5

Date Taken: 05/26/73

Title: Interior view of Orbital Workshop of the Skylab 1 space station cluster

Description:

An interior view of the Orbital Workshop of the Skylab 1 space station cluster in Earth orbit can be seen in this reproduction taken from a color television transmission made by a TV camera aboard the space station. Astronaut Charles Conrad Jr., Skylab 2 commander, is floating up through the hatch. Food lockers are in the foreground.

Subject terms:

ORBITAL SPACE STATIONS

REPRODUCTION

SKYLAB 1

SKYLAB 2

SKYLAB PROGRAM

SPACECRAFT CABINS

TELEVISION TRANSMISSION



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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S73-26794

File Name: 10076122.jpg

Film Type: 4x5

Date Taken: 05/26/73

Title: Skylab 2 astronauts seen in wardroom of crew quarters of Skylab 1 station

Description:

Two of the three Skylab 2 astronauts are seen in the wardroom of the crew quarters of the Orbital Workshop of the Skylab 1 space station cluster in Earth orbit in this reproduction taken from a color television transmission made by a TV camera aboard the space station. They are preparing a meal. Astronaut Charles Conrad Jr., commander, is in the right foreground. In the background is scientist-astronaut Joseph P. Kerwin, science pilot.

Subject terms:

ASTRONAUTS

FOOD PROCESSING

HABITATS

ORBITAL SPACE STATIONS

REPRODUCTION

SKYLAB 1

SKYLAB 2

SKYLAB PROGRAM

TELEVISION TRANSMISSION



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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S73-26795

File Name: 10076096.jpg

Film Type: 120mm BW

Date Taken: 05/25/73

Title: Flight Directors Puddy and Shaffer in Mission Control during Skylab 2 launch

Description:

Flight Directors Donald R. Puddy (left background) and Philip C. Shaffer are seated at the flight director's console in the Mission Operations Control Room in the Mission Control Center at JSC during Skylab 2 launch activity.

Subject terms:

CONSOLES

FLIGHT CONTROL

GROUND BASED CONTROL

INTEGRATED MISSION CONTROL CENTER

JOHNSON SPACE CENTER

LIFTOFF (LAUNCHING)

PERSONNEL

SKYLAB 2

SKYLAB PROGRAM

TEXAS



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Last Updated: February 23, 2000



# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S73-26849

File Name: 10076101.jpg

Film Type: 35mm BW

Date Taken: 05/25/73

Title: Flight directors for Skylab 1 & 2 mission around console in Mission Control  
Description:

Four flight directors for the Skylab 1 and 2 mission are grouped around the flight director's console in the Mission Operations Control Room in the Mission Control Center at JSC during the Skylab 2 Command/Service Module (CSM) "fly around" inspection of the Skylab 1 space station cluster. They are, going counterclockwise from center foreground, Donald R. Puddy (white shirt), Milton Windler, Philip C. Shaffer and M.P. Frank. A view of the Skylab 1 Orbital Workshop seen from the Skylab 2 CSM is visible on the television monitor in the background.

Subject terms:

CONSOLES

FLIGHT CONTROL

GROUND BASED CONTROL

INSPECTION

INTEGRATED MISSION CONTROL CENTER

PERSONNEL

SKYLAB 1

SKYLAB 2

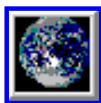
SKYLAB PROGRAM



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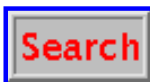


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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S73-26912

File Name: 10076080.jpg

Film Type: 120mm

Date Taken: 05/14/73

Title: Launch of unmanned Skylab 1 space vehicle

Description:

The unmanned Skylab 1/Saturn V space vehicle is launched from Pad A, Launch Complex 39, Kennedy Space Center, Florida, at 12:00 noon, May 14, 1973, to place the Skylab space station cluster in Earth orbit.

Subject terms:

FLORIDA

KENNEDY SPACE CENTER

LAUNCHING PADS

LAUNCHING SITES

LIFTOFF (LAUNCHING)

SATURN LAUNCH VEHICLES

SKYLAB 1

SKYLAB PROGRAM

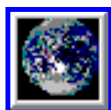
UNMANNED SPACECRAFT



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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S73-26913

File Name: 10076081.jpg

Film Type: 120mm

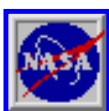
Date Taken: 05/14/73

Title: Launch of unmanned Skylab 1 space vehicle

Description:

The unmanned Skylab 1/Saturn V space vehicle is launched from Pad A, Launch Complex 39, Kennedy Space Center, Florida, at 12:00 noon, May 14, 1973, to place the Skylab space station cluster in Earth orbit.

Subject terms:



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NASA Technical Monitor: [Scott Norr](#)

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Last Updated: February 23, 2000



# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S73-27078

File Name: 10076123.jpg

Film Type: 4x5

Date Taken: 05/30/73

Title: Skylab beverage container filled with orange juice held by Astronaut Conrad  
Description:

An accordian-style beverage dispenser filled with orange juice is held by Astronaut Charles Conrad Jr., Skylab 2 commander, in this close-up view which is a reproduction taken from a color television transmission made by a TV camera aboard the Skylab 1 and 2 space station cluster in Earth orbit. Conrad (head and face not in view) is seated at the wardroom table in the crew quarters of the Orbital Workshop. The dispenser contained beverage crystals, and Conrad has just added the prescribed amount of water to make the orange drink.

Subject terms:

ASTRONAUTS

BEVERAGES

CONSUMABLES (SPACECREW SUPPLIES)

CONTAINERS

ORBITAL SPACE STATIONS

REPRODUCTION

SKYLAB 2

SKYLAB PROGRAM

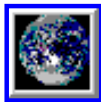
TELEVISION TRANSMISSION



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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S73-27081

File Name: 10076124.jpg

Film Type: 4x5 BW

Date Taken: 05/30/73

Title: Skylab 2 astronauts seen in wardroom of crew quarters of Skylab 1 station

### Description:

Two of the three Skylab 2 astronauts are seen in the wardroom of the crew quarters of the Orbital Workshop of the Skylab 1 space station cluster in Earth orbit in this reproduction taken from a color television transmission made by a TV camera aboard the space station. They are preparing to eat a meal. Astronaut Charles Conrad Jr., commander, is in the right foreground. In the background is scientist-astronaut Joseph P. Kerwin, science pilot.

### Subject terms:

ASTRONAUTS

FOOD PROCESSING

HABITATS

ORBITAL SPACE STATIONS

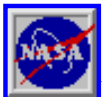
REPRODUCTION

SKYLAB 1

SKYLAB 2

SKYLAB PROGRAM

TELEVISION TRANSMISSION



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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S73-27095

File Name: 10076094.jpg

Film Type: 120mm

Date Taken: 05/24/73

Title: Launch of the Skylab 2 space vehicle

Description:

The Skylab 2/Saturn 1B space vehicle is launched from Pad B, Launch Complex 39, Kennedy Space Center, Florida, at 9:00 a.m., Friday, May 25, 1973. Note the reflection of the launch in a pool of water in front of the launch pad.

Subject terms:

FLORIDA

KENNEDY SPACE CENTER

LAUNCHING PADS

LAUNCHING SITES

LIFTOFF (LAUNCHING)

SATURN LAUNCH VEHICLES

SKYLAB 2

SKYLAB PROGRAM



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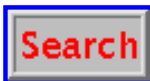


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Last Updated: February 23, 2000





# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S73-27096

File Name: 10076095.jpg

Film Type: 120mm

Date Taken: 05/24/73

Title: Launch of the Skylab 2 space vehicle

Description:

The Skylab 2/Saturn 1B space vehicle is launched from Pad B, Launch Complex 39, Kennedy Space Center, Florida, at 9:00 a.m., Friday, May 25, 1973. Note the reflection of the launch in a pool of water in front of the launch pad.

Subject terms:



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Last Updated: February 23, 2000



# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S73-27160

File Name: 10076125.jpg

Film Type: 4x5

Date Taken: 05/31/73

Title: Astronaut Charles Conrad seated at Apollo Telescope Mount control console

### Description:

Astronaut Charles Conrad Jr., Skylab 2 commander, is seated at the Apollo Telescope Mount (ATM) Control and Display console in this reproduction taken from a color television transmission made by a TV camera aboard the Skylab 1 and 2 space station in Earth orbit. The ATM console is located in the Multiple Docking Adapter (MDA). The ATM and MDA are two of the five major components of the Skylab space station.

### Subject terms:

ASTRONAUTS

CONSOLES

CONTROL BOARDS

ORBITAL SPACE STATIONS

REPRODUCTION

SKYLAB 2

SKYLAB PROGRAM

SPACEBORNE TELESCOPES

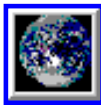
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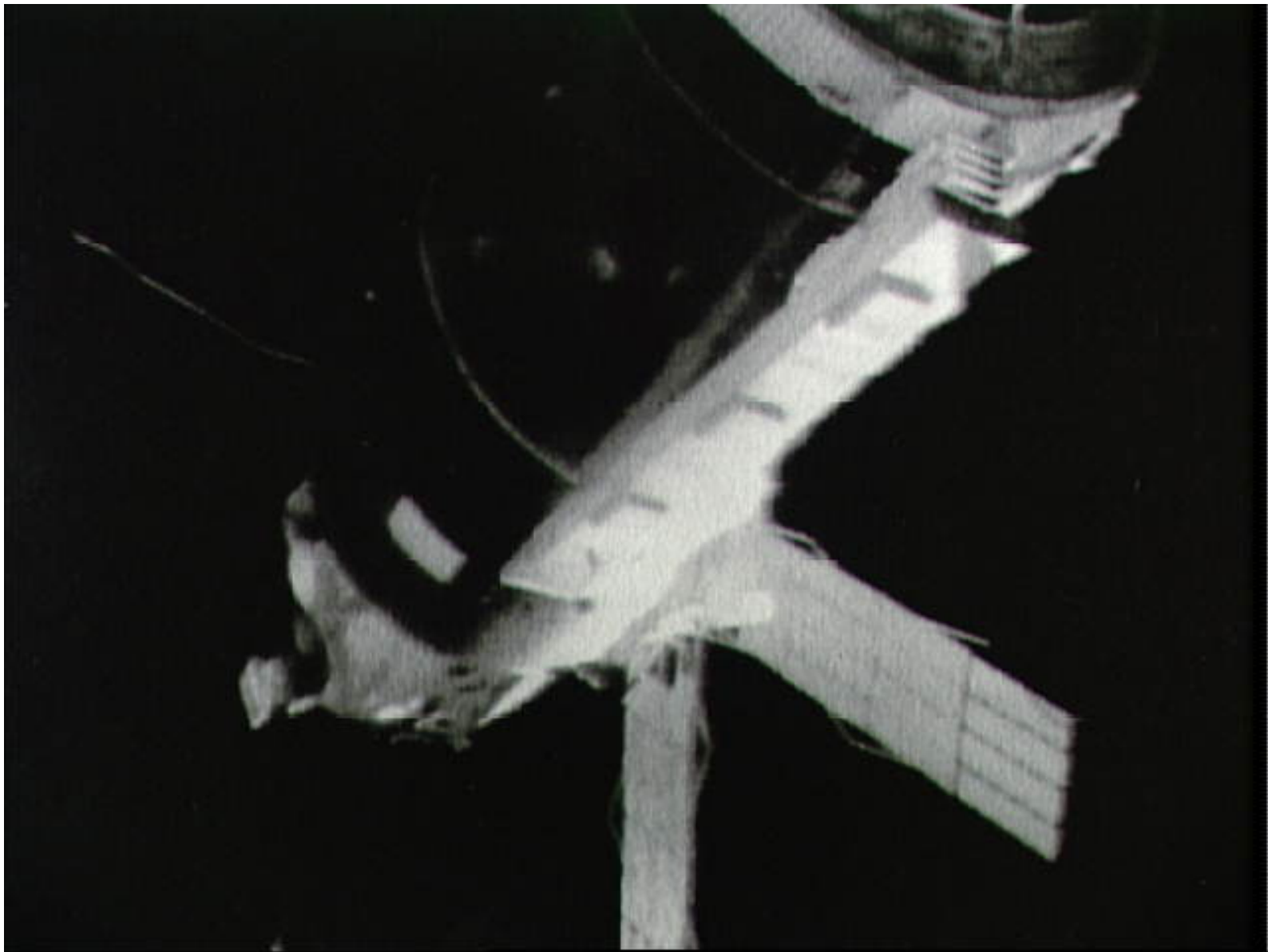
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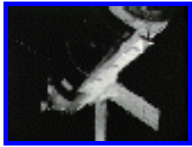
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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S73-27182

File Name: 10076100.jpg

Film Type: 4x5

Date Taken: 05/25/73

Title: View of the Skylab 1 space station cluster from the Skylab 2 Command Module  
Description:

A close-up view of the Skylab 1 space station cluster can be seen in this reproduction taken from a color television transmission made by a TV camera aboard the Skylab 2 Command Module during its "fly around" inspection of the cluster. This view has been enhanced. At left center the damaged solar array system wing on the Orbital Workshop (OWS) appears to be partly folded. In their preliminary inspection the crewmen noted that portions of the micrometeoroid shield had slid back underneath the OWS solar wing. Solar panels on the Apollo Telescope Mount extend out at the top center.

Subject terms:

INSPECTION

MICROMETEORIDS

REPRODUCTION

SHIELDING

SKYLAB 1

SKYLAB PROGRAM

SOLAR ARRAYS

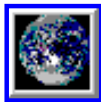
TELEVISION TRANSMISSION



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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S73-27262

File Name: 10076126.jpg

Film Type: 4x5

Date Taken: 06/01/73

Title: Skylab 2 crewmen give demonstration on effects of weightlessness

Description:

The three Skylab 2 crewmen give a demonstration on the effects of weightlessness in the Orbital Workshop of the Skylab 1 and 2 space station cluster in Earth orbit, as seen in this reproduction taken from a color television transmission made by a TV camera aboard the space station. Astronauts Charles Conrad Jr., Joseph P. Kerwin and Paul J. Weitz are crouched in a fast-start stance to race around the dome area of the OWS forward compartment. The astronauts had ease of motion and good maneuverability in the zero-gravity of space.

Subject terms:

ASTRONAUTS

DEMONSTRATION

ORBITAL SPACE STATIONS

REPRODUCTION

SKYLAB 2

SKYLAB PROGRAM

SPACECRAFT CABINS

TELEVISION TRANSMISSION

WEIGHTLESSNESS

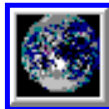
ZERO GRAVITY



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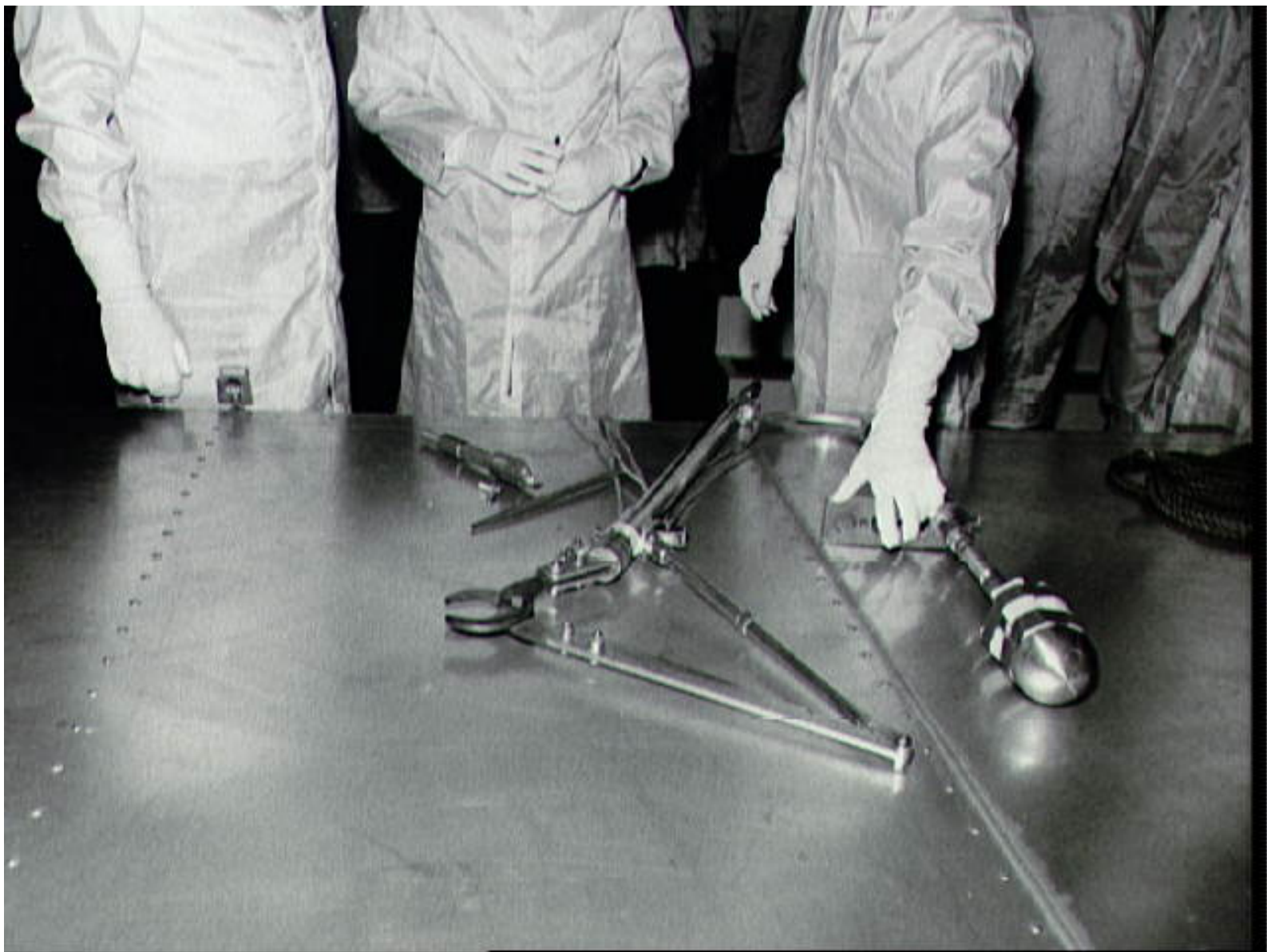
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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S73-27403

File Name: 10076087.jpg

Film Type: 4x5 BW

Date Taken: 06/05/73

Title: Tools being considered for use in freeing solar array wing of Skylab  
Description:

Engineers at the Marshall Space Flight Center examine tools that are being considered for use in freeing the solar array wing of Skylab. The device at center is a cable cutter which is operated by cable. At right is the handle end of a rod. White material taped just below the handle is buoyancy packing to make the object weightless when submerged in water. Small object at left is the attachment head for a two-prong "rake" device for use on the end of a pole made up of one, two or more five-foot sections of extension rods.

Subject terms:

REPAIRING

SKYLAB 1

SKYLAB 2

SKYLAB PROGRAM

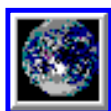
SPACE TOOLS



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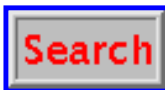


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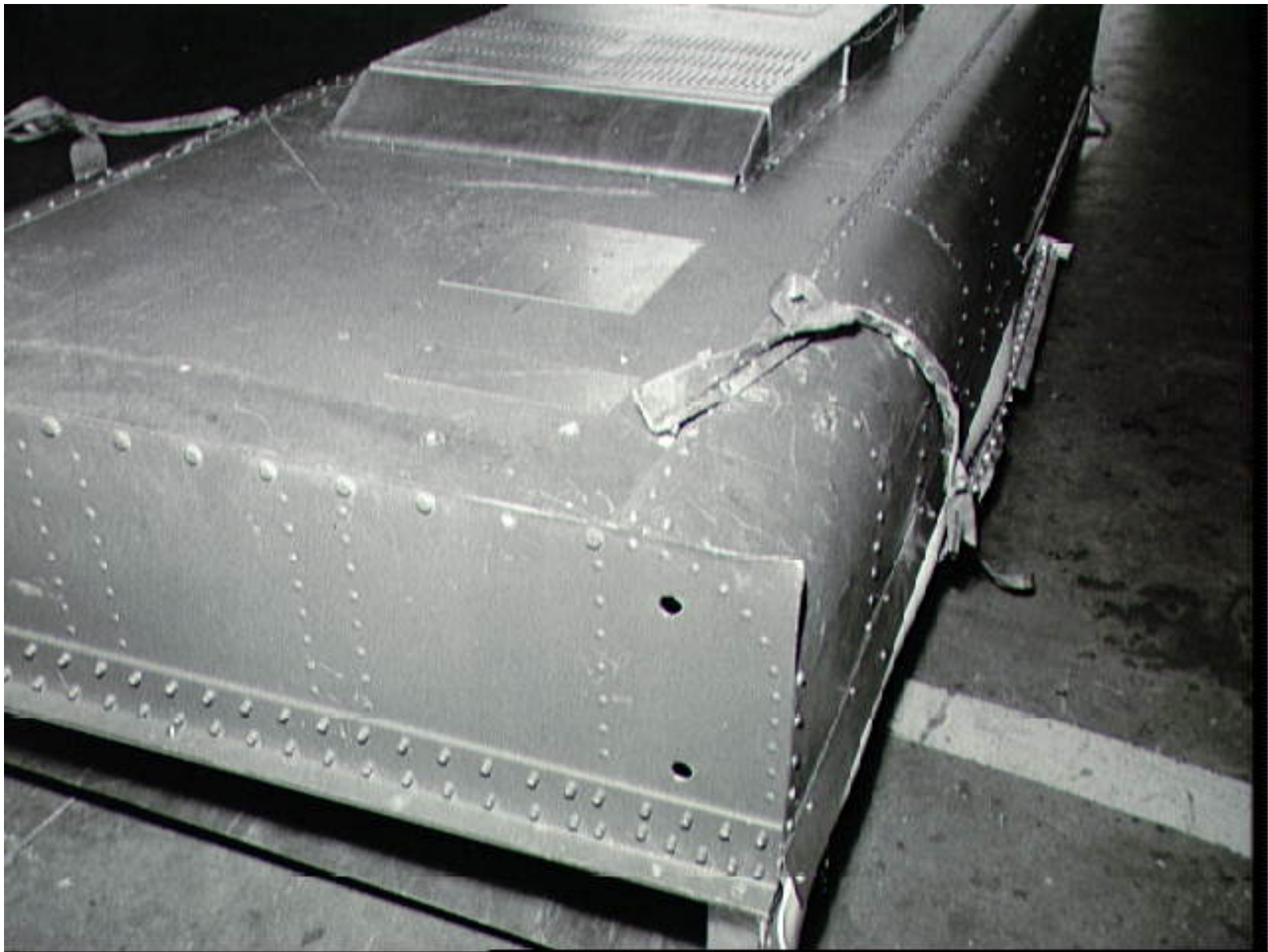
JSC Office of Public Affairs

External Affairs Branch

Mail Code AP4

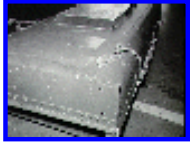
2101 NASA Road 1

Houston, TX 77058



# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S73-27406

File Name: 10076088.jpg

Film Type: 4x5 BW

Date Taken: 06/05/73

Title: Structure duplicating problem with solar array wing number one on Skylab

Description:

This structure duplicates the current problem with solar array wing number one on Skylab. The wing is being held against the side of the Orbital Workshop by what appears to be a strip of metal from the Meteoroid shield.

Subject terms:

REPAIRING

SIMULATION

SKYLAB 1

SKYLAB 2

SKYLAB PROGRAM

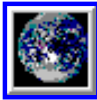
SOLAR ARRAYS



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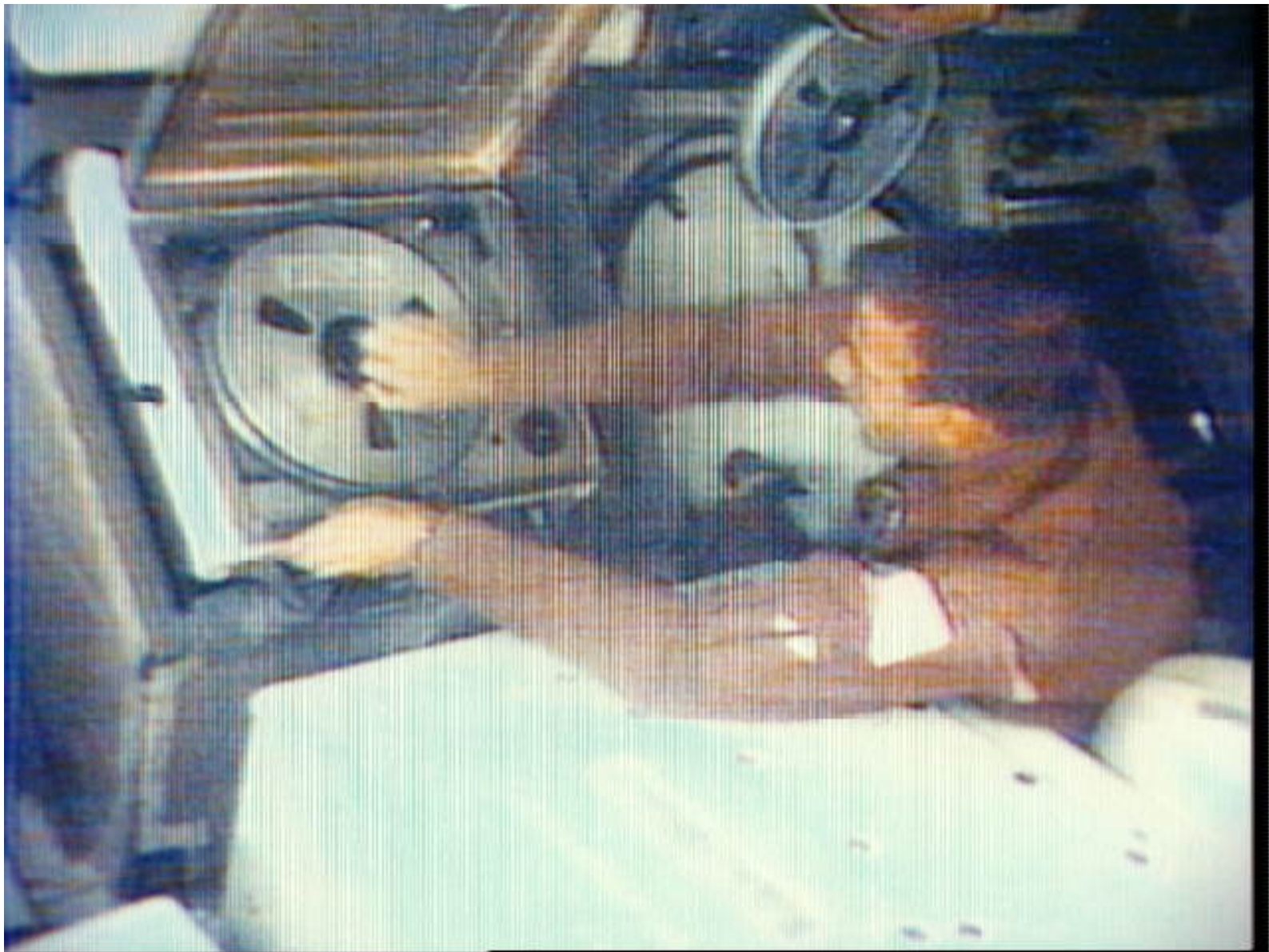
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NASA Technical Monitor: [Scott Norr](#)

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Last Updated: February 23, 2000



# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S73-27467

File Name: 10076127.jpg

Film Type: 4x5

Date Taken: 06/05/73

Title: Overhead view of Astronaut Paul Weitz at video tape recorder

Description:

An overhead view of Astronaut Paul J. Weitz, Skylab 2 pilot, at the video tape recorder in the Orbital Workshop of the Skylab 1 and 2 space station cluster in Earth orbit. Weitz is changing the tape in the recorder and storing the used data tape. This photograph was reproduced from a color television transmission made on June 5, 1973.

Subject terms:

ASTRONAUTS

CREW WORKSTATIONS

ORBITAL SPACE STATIONS

REPRODUCTION

SKYLAB 2

SKYLAB PROGRAM

TAPE RECORDERS

TELEVISION TRANSMISSION

VIDEO EQUIPMENT



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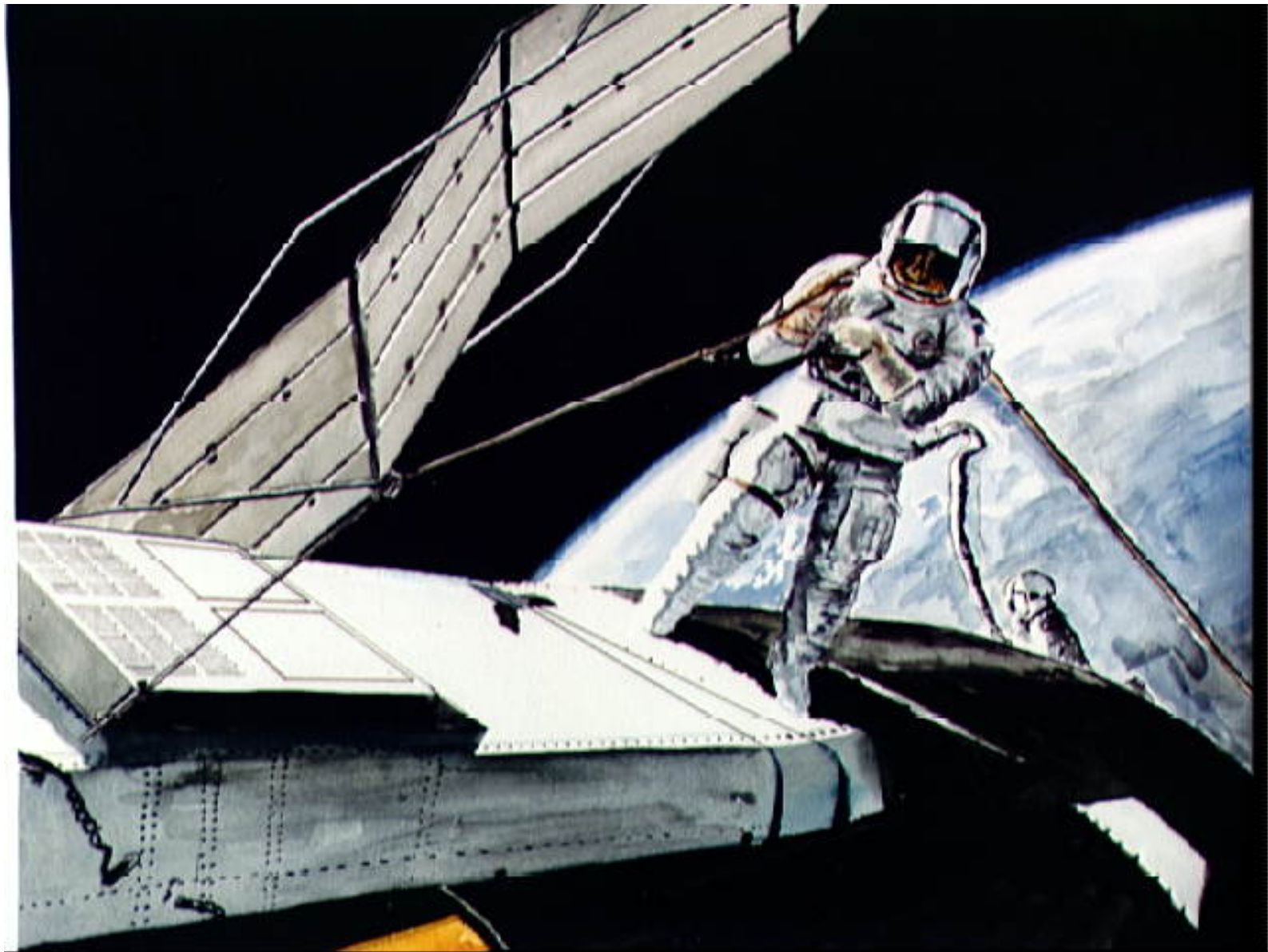
Curator: [James McAlpin](#)

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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S73-27508

File Name: 10076089.jpg

Film Type: 4x5

Date Taken: 06/06/73

Title: Artist concept of astronaut attempting to free solar array on Skylab  
Description:

An artist's concept showing astronaut Charles Conrad Jr., Skylab 2 commander, attempting to free the solar array system wing on the Orbital Workshop during extravehicular activity at the Skylab 1 & 2 space station cluster in earth orbit. The astronaut in the background is Joseph P. Kerwin, Skylab 2 science pilot. Here, Conrad is pushing up on the Beam Erection Tether (BET) to raise the stuck solar panel.

Subject terms:

ASTRONAUTS

EXTRAVEHICULAR ACTIVITY

GRAPHIC ARTS

REPAIRING

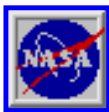
SKYLAB 1

SKYLAB 2

SKYLAB PROGRAM

SOLAR ARRAYS

VISUAL AIDS



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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S73-27509

File Name: 10076128.jpg

Film Type: 4x5

Date Taken: 06/06/73

Title: Astronaut Joseph Kerwin takes blood sample from Astronaut Charles Conrad  
Description:

Scientist-Astronaut Joseph P. Kerwin (right), Skylab 2 science pilot and a doctor of medicine, takes a blood sample from Astronaut Charles Conrad Jr., Skylab 2 commander, as seen in this reproduction taken from a color television transmission made by a TV camera aboard the Skylab 1 and 2 space station cluster in Earth orbit. The blood sampling was part of the Skylab Hematology and Immunology Experiment M110 series.

Subject terms:

AEROSPACE MEDICINE

ASTRONAUTS

BLOOD

MEDICAL SCIENCE

ORBITAL SPACE STATIONS

REPRODUCTION

SAMPLES

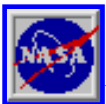
SKYLAB 2

SKYLAB PROGRAM

SPACEBORNE EXPERIMENTS

SPECIMENS

TELEVISION TRANSMISSION



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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S73-27562

File Name: 10076106.jpg

Film Type: 4x5 BW

Date Taken: 06/07/73

Title: Astronaut Joseph Kerwin during EVA at Skylab 1 and 2 space station cluster

Description:

Scientist-Astronaut Joseph P. Kerwin, Skylab 2 science pilot, performs extravehicular activity (EVA) at the Skylab 1 and 2 space station cluster in Earth orbit, as seen in this reproduction taken from a color television transmission made by a TV camera aboard the station. Kerwin is just outside the Airlock Module. Kerwin assisted Astronaut Charles Conrad Jr., Skylab 2 commander, during the successful EVA attempt to free the stuck solar array system wing on the Orbital Workshop.

Subject terms:

AIR LOCKS

ASTRONAUTS

EXTRAVEHICULAR ACTIVITY

MODULES

ORBITAL SPACE STATIONS

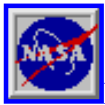
REPAIRING

REPRODUCTION

SKYLAB 2

SKYLAB PROGRAM

TELEVISION TRANSMISSION



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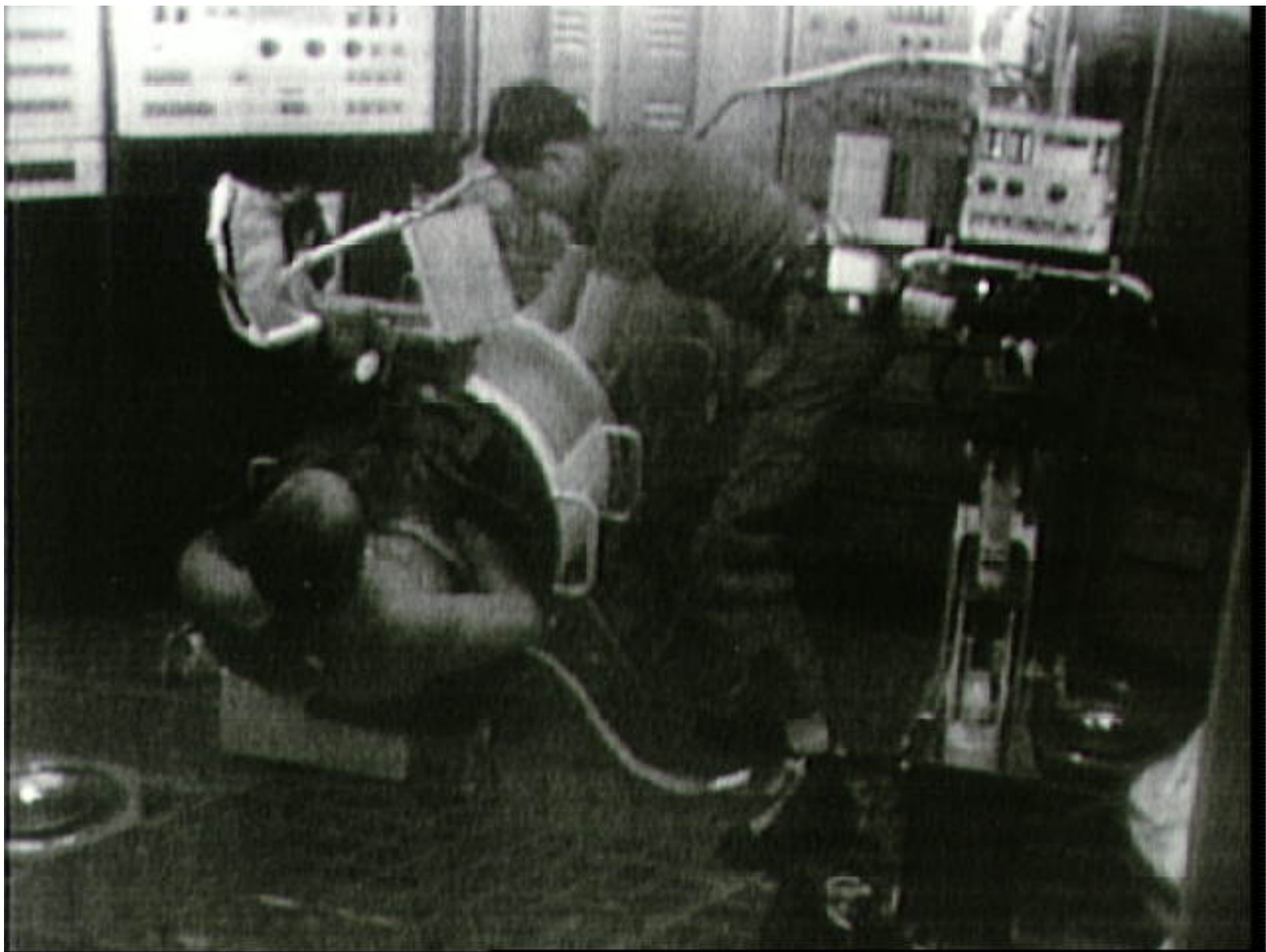
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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S73-27707

File Name: 10076129.jpg

Film Type: 4x5 BW

Date Taken: 06/09/73

Title: Astronaut Charles Conrad as test subject for Lower Body Negative Pressure  
Description:

Astronaut Charles Conrad Jr., Skylab 2 commander, serves as test subject for the Lower Body Negative Pressure (LBNP) (M092) Experiment, as seen in this reproduction taken from a color television transmission made by a TV camera aboard the Skylab 1 and 2 space station cluster in Earth orbit. Scientist-Astronaut Joseph P. Kerwin, Skylab 2 science pilot, assists Conrad into the LBNP device. Kerwin served as monitor for the experiment.

Subject terms:

ASTRONAUTS

BLOOD PRESSURE

CARDIOVASCULAR SYSTEM

LOWER BODY NEGATIVE PRESSURE

REPRODUCTION

SKYLAB 2

SKYLAB PROGRAM

SPACEBORNE EXPERIMENTS

TELEVISION TRANSMISSION



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NASA Technical Monitor: [Scott Norr](#)



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## Press Release Images



NASA Photo ID: S73-27734

File Name: 10076107.jpg

Film Type: 4x5

Date Taken: 06/11/73

Title: Skylab 2 Astronaut during EVA at Skylab 1 and 2 space station cluster

Description:

Skylab 2 Astronaut performs extravehicular activity (EVA) at the Skylab 1 and 2 space station cluster in Earth orbit, as seen in this reproduction taken from a color television transmission made by a TV camera aboard the station. Kerwin is just outside the Airlock Module.

Subject terms:

AIR LOCKS

ASTRONAUTS

EXTRAVEHICULAR ACTIVITY

MODULES

ORBITAL SPACE STATIONS

REPAIRING

REPRODUCTION

SKYLAB 2

SKYLAB PROGRAM

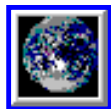
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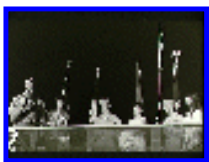
2101 NASA Road 1





# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S73-28818

File Name: 10076173.jpg

Film Type: 35mm BW

Date Taken: 06/24/73

Title: Skylab 2 astronauts at welcome home ceremonies at Ellington AFB

Description:

Scientist-Astronaut Joseph P. Kerwin, science pilot for the Skylab 2 mission, speaks to a crowd at Ellington Air Force Base during welcome home ceremonies for the crew. Astronaut Paul J. Weitz, pilot, is at center; and Astronaut Charles Conrad Jr., crew commander, is at right. The wives, standing by their husbands, are (l-r) Shirley Kerwin, Suzanne Weitz and Jane Conrad.

Subject terms:

AIRPORTS

ARRIVALS

ASTRONAUTS

CEREMONIES

PUBLIC RELATIONS

SKYLAB 2

SKYLAB PROGRAM



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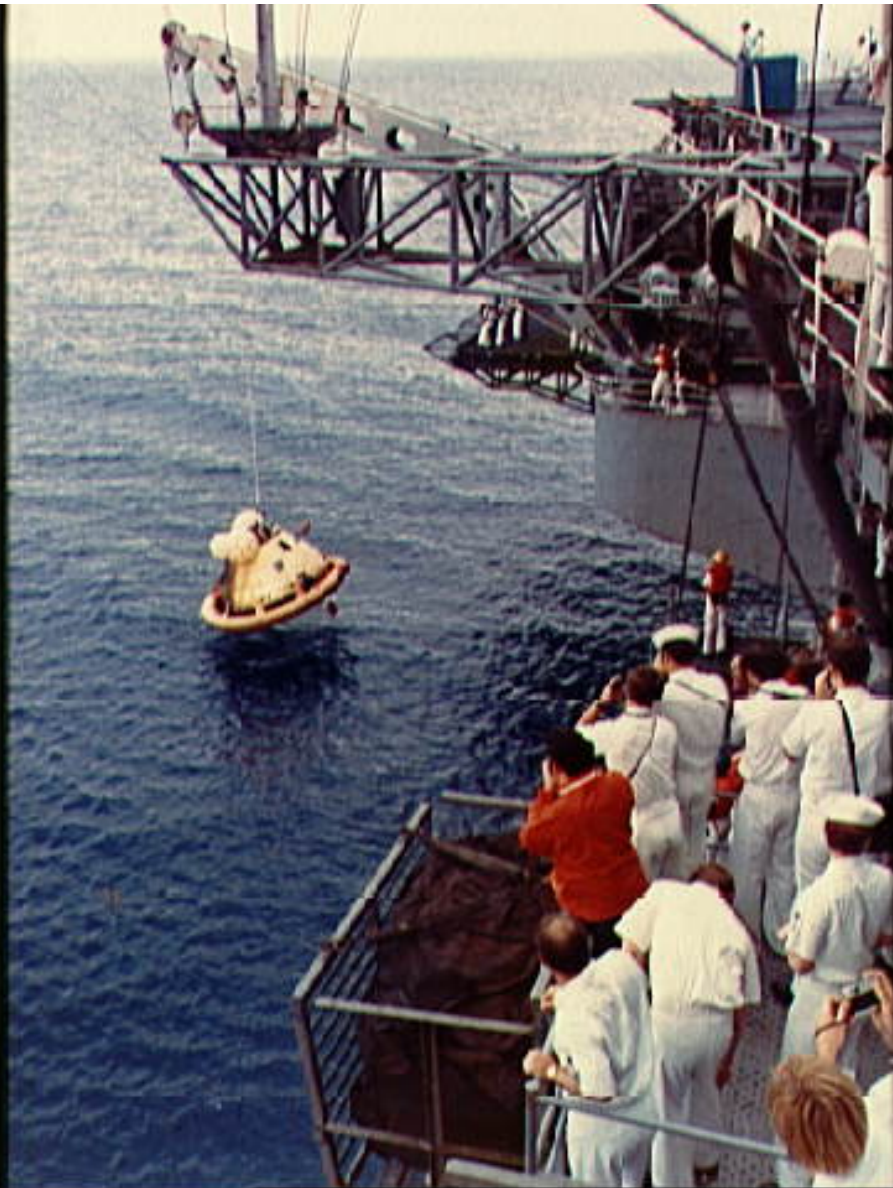
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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S73-29138

File Name: 10076171.jpg

Film Type: 4x5

Date Taken: 06/22/73

Title: Skylab 2 Command Module is hoisted aboard prime recovery ship

Description:

The Skylab 2 Command Module, with Astronauts Charles Conrad Jr., Joseph P. Kerwin and Paul J. Weitz still inside, is hoisted aboard the prime recovery ship, U.S.S. Ticonderoga, following successful splashdown in the Pacific Ocean about 835 miles southwest of San Diego, California. Note the inflated bags and the flotation collar on the spacecraft.

Subject terms:

COMMAND MODULES

CRANES

NAVY

PACIFIC OCEAN

PERSONNEL

RECOVERY

SHIPS

SKYLAB 2

SKYLAB PROGRAM

SPACECRAFT RECOVERY

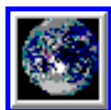
WATER LANDING



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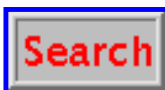


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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S73-29141

File Name: 10076172.jpg

Film Type: 4x5

Date Taken: 06/22/73

Title: Skylab 2 crewmen arrive on deck of prime recovery ship

Description:

The three Skylab crewmen arrive on the deck of the prime recovery ship, U.S.S. Ticonderoga, following the successful splashdown of the Skylab 2 Command Module about 835 miles southwest of San Diego, California. Leading down the steps is Astronaut Charles Conrad Jr., followed by Scientist-Astronaut Joseph P. Kerwin, and Astronaut Paul J. Weitz. Recovery and medical personnel walk down the steps with the astronauts. The crewmen remained inside the spacecraft (seen in background) until it was hoisted aboard the recovery ship.

Subject terms:

ARRIVALS

ASTRONAUTS

COMMAND MODULES

NAVY

PACIFIC OCEAN

PERSONNEL

SHIPS

SKYLAB 2

SKYLAB PROGRAM

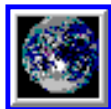
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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S73-29147

File Name: 10076170.jpg

Film Type: 4x5

Date Taken: 06/22/73

Title: Skylab 2 Command Module floats in Pacific Ocean following splashdown

Description:

The Skylab 2 Command Module, with Astronauts Charles Conrad Jr., Joseph P. Kerwin and Paul J. Weitz still inside, floats in the Pacific Ocean following successful splashdown about 835 miles southwest of San Diego, California. The prime recovery ship, U.S.S. Ticonderoga, approaches from the left background. A recovery helicopter hovers in the foreground.

Subject terms:

COMMAND MODULES

HELICOPTERS

NAVY

PACIFIC OCEAN

RECOVERY

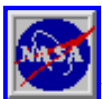
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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S73-30889

File Name: 10076174.jpg

Film Type: 4x5

Date Taken: 06/30/73

Title: Leonid Breznev and Richard Nixon examine plaques presented by Skylab crew

Description:

Leonid I. Breznev, General Secretary of the Communist Party, Union of Soviet Socialist Republics, and President Richard M. Nixon, during ceremonies at the Western White House in San Clemente, California, examine plaques presented by Skylab astronauts Charles Conrad Jr., center; Joseph P. Kerwin, second from right; and Paul J. Weitz, left.

Subject terms:

ADMINISTRATION

ASTRONAUTS

CALIFORNIA

PLAQUES

PRESENTATION

PUBLIC RELATIONS

SKYLAB 2

SKYLAB PROGRAM

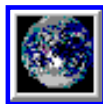
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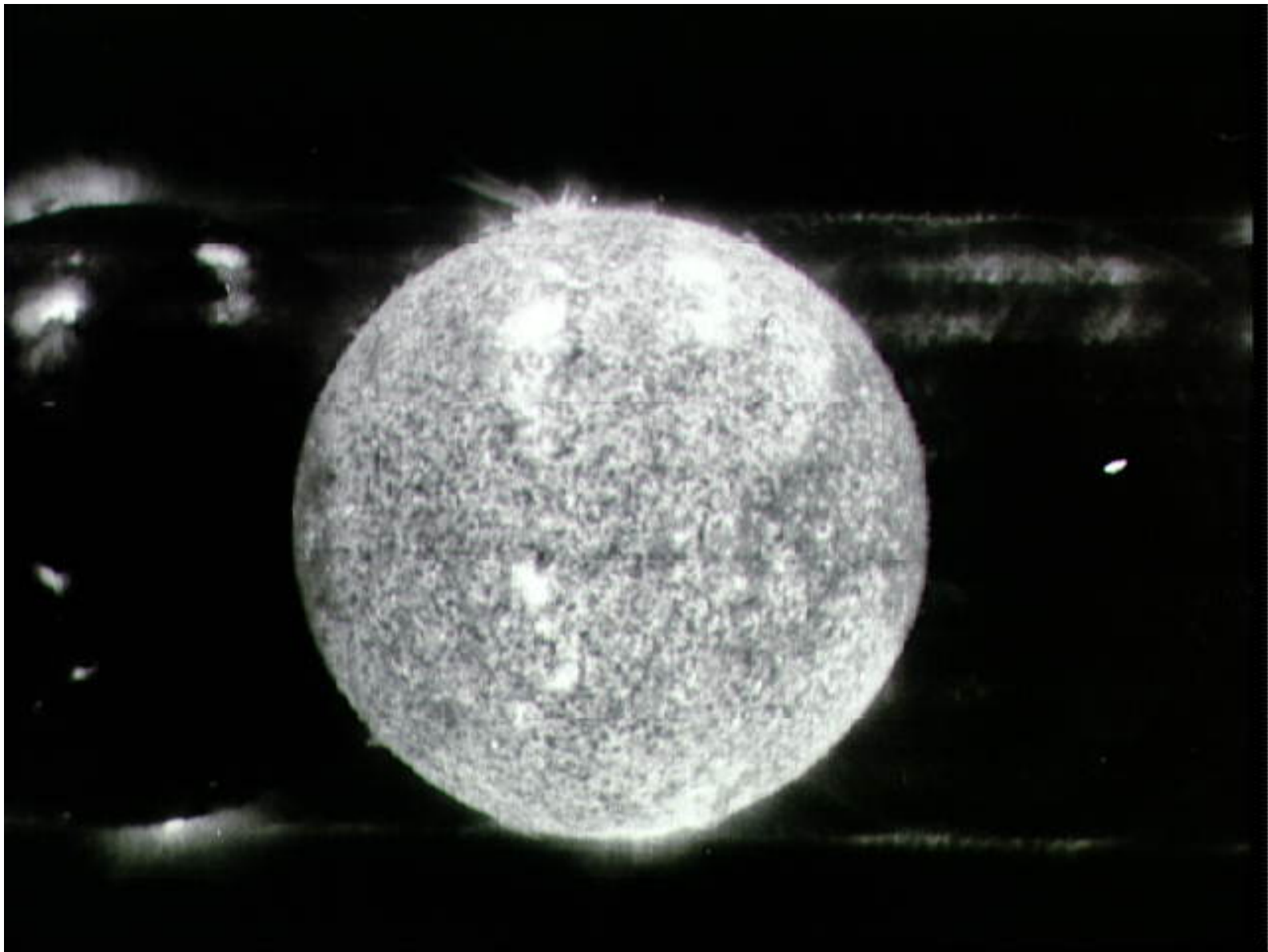
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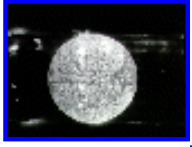
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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S73-33788

File Name: 10076166.jpg

Film Type: 70mm

Date Taken: 06/22/73

Title: Skylab 2 Solar Physics Experiment

Description:

Skylab 2 Solar Physics Experiment. This black and white view of a solar flare was taken from the skylab remote solar experiment module mounted on top of the vehicle and worked automatically without any interaction from the crew. Solar flares or sunspots are eruptions on the sun's surface and appear to occur in cycles. When these cycles occur, there is worldwide electromagnetic interference affecting radio and television transmission.

Subject terms:

SKYLAB 2

SOLAR FLARES

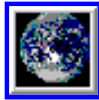
SOLAR PHYSICS



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NASA Technical Monitor: [Scott Norr](#)

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Last Updated: February 23, 2000



# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S73-34295

File Name: 10076156.jpg

Film Type: 4x5

Date Taken: 06/22/73

Title: Multi-spectral Line Scanner image of Northern California

Description:

This multi-spectral line scanner image of Northern California (41.0N, 124.0W) was taken by the Earth Resources Experiments Package S192 Scanner and is a color composite image of channels 2, 7 and 12. The scanner techniques assist with spectral signature identification and mapping of ground test sites in agriculture, forestry, geology, hydrology and oceanography. Seen in this view is the Pacific coast region of northern California at Trinidad.

Subject terms:

CALIFORNIA

COLOR INFRARED PHOTOGRAPHY

EARTH OBSERVATIONS (FROM SPACE)

MOUNTAINS

MULTISPECTRAL BAND SCANNERS

OCEANS

PACIFIC OCEAN

SKYLAB 2



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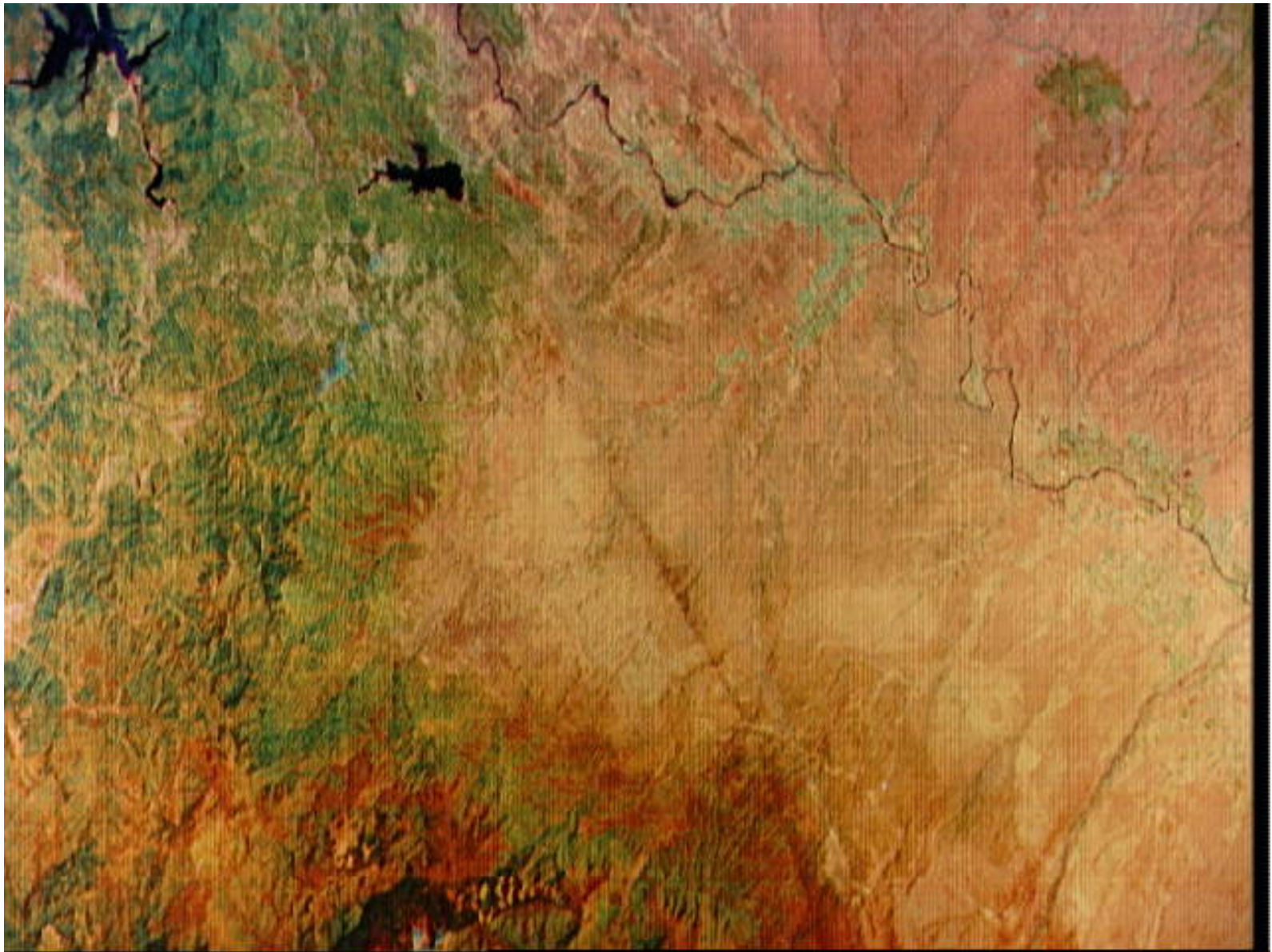
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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S73-34295B

File Name: 10076157.jpg

Film Type: 4x5

Date Taken: 06/22/73

Title: Multi-spectral Line Scanner image of Northern California

Description:

This multi-spectral line scanner image of Northern California (40.5N, 121.5W) was taken by the Earth Resources Experiments Package S192 Scanner and is a color composite image of channels 2, 7 and 12. The scanner techniques assist with spectral signature identification and mapping of ground test sites in agriculture, forestry, geology, hydrology and oceanography. Seen in this view is the Central Valley and Sacramento River near Redding and Lake Shasta.

Subject terms:

CALIFORNIA

COLOR INFRARED PHOTOGRAPHY

EARTH OBSERVATIONS (FROM SPACE)

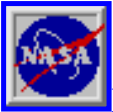
MOUNTAINS

MULTISPECTRAL BAND SCANNERS

OCEANS

PACIFIC OCEAN

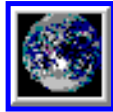
SKYLAB 2



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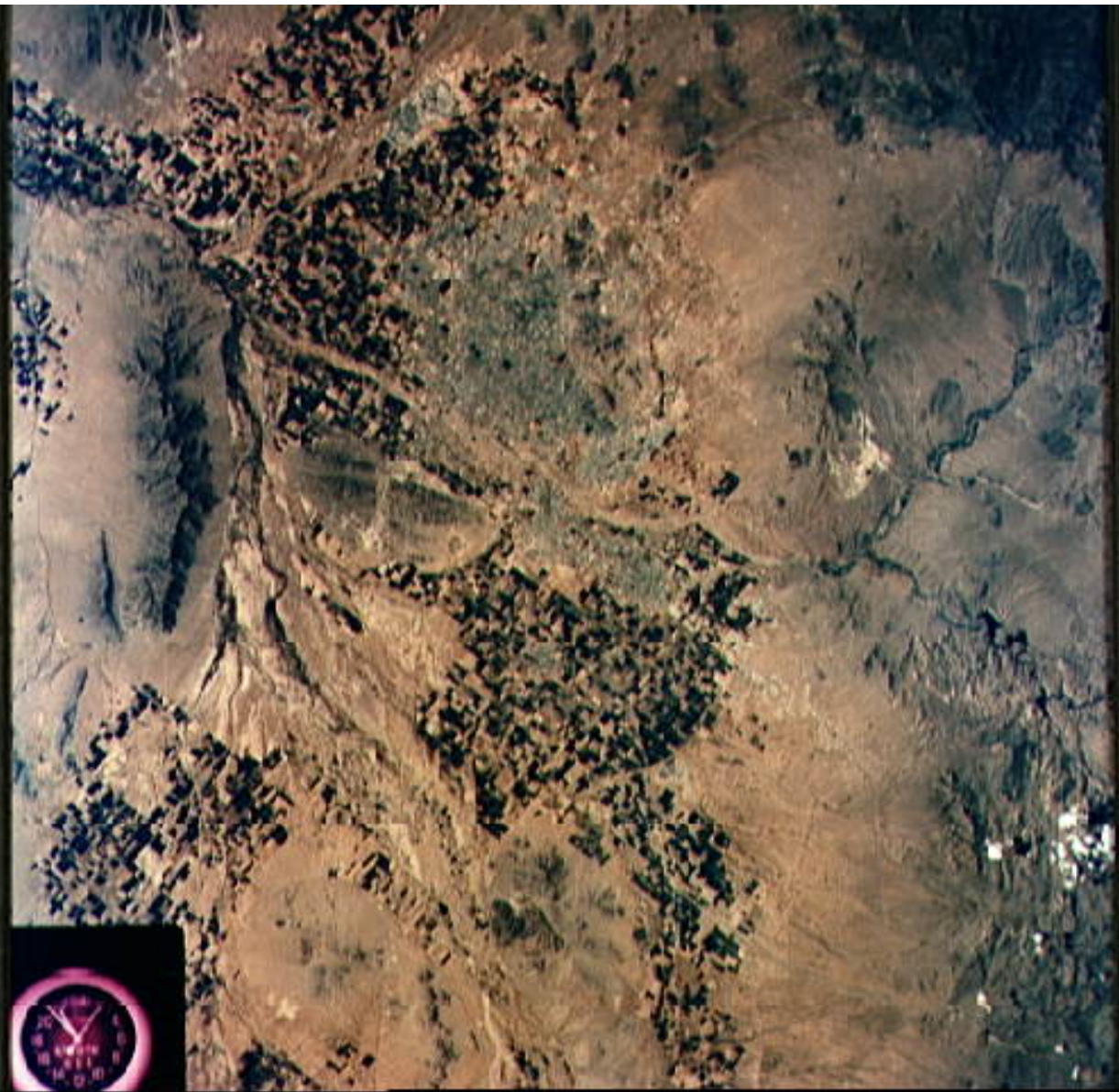
Curator: [James McAlpin](#)

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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S73-35078

File Name: 10076164.jpg

Film Type: 70mm

Date Taken: 08/15/73

Title: View of Phoenix, Arizona metropolitan area

Description:

A near vertical view of the Phoenix, Arizona metropolitan area is seen in this Skylab 3 Earth Resources Experiments Package S190-B (five-inch earth terrain camera) photograph taken from the Skylab space station in earth orbit. Also in the picture are Scottsdale, Paradise Valley, Tempe, Mesa, Laveen, Komatke, Salt River Indian Reseravation, and part of the Gila River Indian Reservation. Features which can be detected from the photograph include: cultural patterns defined by commercial, industrial, agricultural and residential areas; transportation networks consisting of major corridors, primary, secondary, and feeder streets; major urban developments on the area such as airports, Squaw Peak City Park, Turf Paradise Race Track and the State Fair grounds.

Subject terms:

ARIZONA

CITIES

EARTH OBSERVATIONS (FROM SPACE)

INFRARED PHOTOGRAPHY

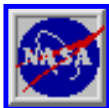
ONBOARD ACTIVITIES

SKYLAB 3

SKYLAB PROGRAM

SPACEBORNE EXPERIMENTS

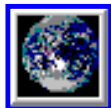
TRANSPORTATION



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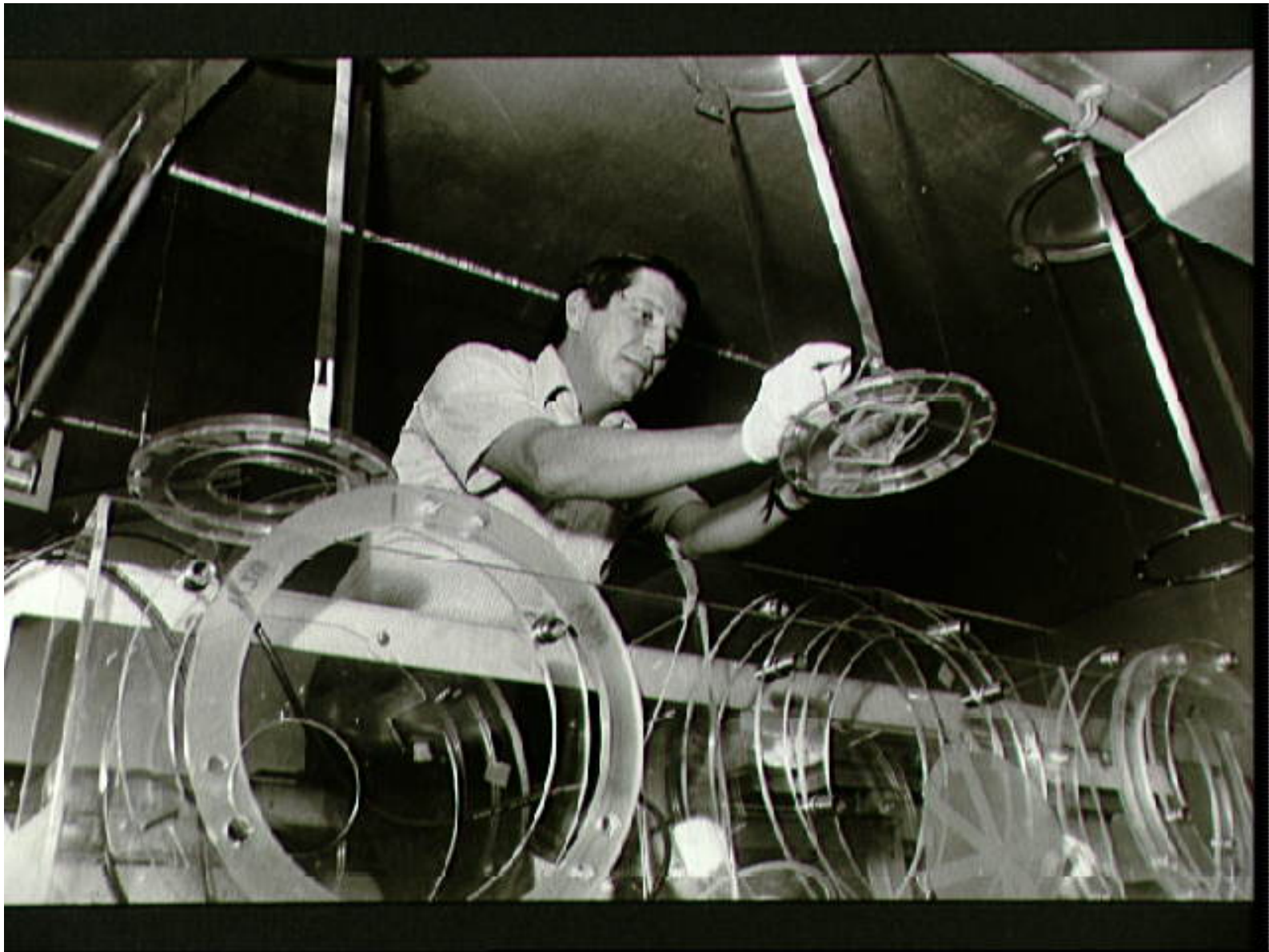
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Curator: [James McAlpin](#)



# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S73-36161

File Name: 10076175.jpg

Film Type: 35mm BW

Date Taken: 11/06/73

Title: Dr. Robert Clark studies levels of radiation Skylab 2 crew was exposed to  
Description:

In the Radiation Counting Laboratory sixty feet underground at JSC, Dr. Robert S. Clark prepares to load pieces of iridium foil - sandwiched between plastic sheets - into the laboratory's radiation detector. The iridium foil strips were worn by the crew of the second Skylab flight in personal radiation dosimeters throughout their 59.5 days in space. Inside the radiation detector assembly surrounded by 28 tons of lead shielding, the sample will be tested to determine the total neutron dose to which the astronauts were exposed during their long stay aboard the space station.

Subject terms:

JOHNSON SPACE CENTER

LABORATORIES

RADIATION

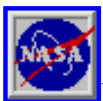
RADIATION DOSAGE

RADIATION MEASURING INSTRUMENTS

SKYLAB 2

SKYLAB PROGRAM

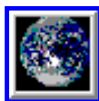
TEXAS



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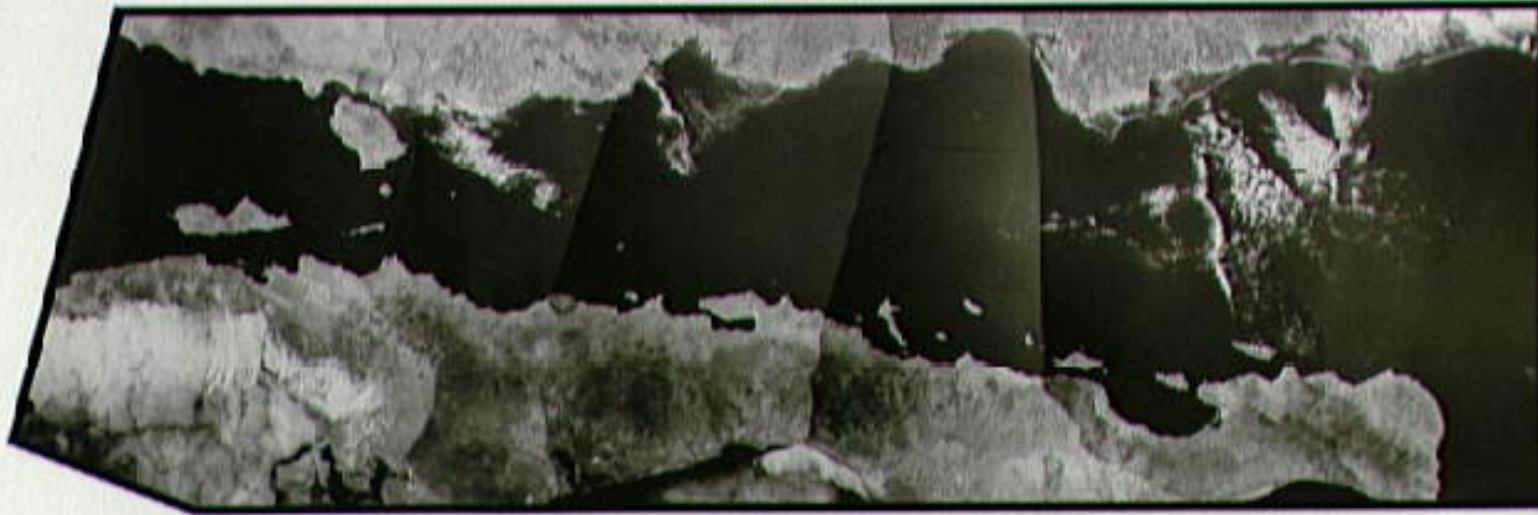
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Houston, TX 77058

Fax: (281) 483-2848

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GULF OF CALIFORNIA  
SEA OF CORTEZ



Prepared by the Military Service Agency, Gulf Division Office,  
Location 3, Eggenstein, Alameda, California, Santa Monica, Texas

Approved Date: 05-05-50

Approved by: [Signature]  
[Signature]  
[Signature]

SEV148 B - Photographs June 1973  
Prepared January 1974

# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S74-23654

File Name: 10076165.jpg

Film Type: 70mm

Date Taken: 06/22/73

Title: Mosaic of Baja and Sea of Cortez, Mexico

### Description:

This mosaic of Baja and the Sea of Cortez in Mexico (28.0N, 112.0W) is a composite of six 70mm photos carefully pieced together to appear as one. Mosaics such as this one are useful to portray a large area in a single format instead of many photos covering only partial images. In this mosaic, almost the entire area of the Sea of Cortez, the adjacent Baja Peninsula and part of the Sonoran Desert of northwest Mexico can be seen.

### Subject terms:

DESERTS

EARTH OBSERVATIONS (FROM SPACE)

GULF OF CALIFORNIA (MEXICO)

ISLANDS

LOWER CALIFORNIA (MEXICO)

OCEANS

PENINSULAS

SKYLAB 2



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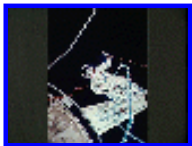
NASA Technical Monitor: [Scott Norr](#)

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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S75-21432

File Name: 10076108.jpg

Film Type: 4x5

Date Taken: 03/01/75

Title: Artist's concept of Astronauts Kerwin and Conrad repairing solar array wing  
Description:

An artist's concept illustrating a scene during the June 7, 1973 Skylab 2 extravehicular activity (EVA) in Earth orbit when Astronaut Joseph P. Kerwin (larger figure) and Charles Conrad Jr. cut the aluminum strapping which prevented the Skylab Orbital Workshop solar array system wing from deploying. The painting is by artist Paul Fjeld. The action portrayed here is about two to four seconds after using the beam erection tether, as the two crewmen broke the frozen SAS beam actuators.

Subject terms:

ASTRONAUTS

EXTRAVEHICULAR ACTIVITY

GRAPHIC ARTS

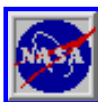
REPAIRING

SKYLAB 2

SKYLAB PROGRAM

SOLAR ARRAYS

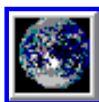
VISUAL AIDS



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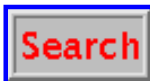


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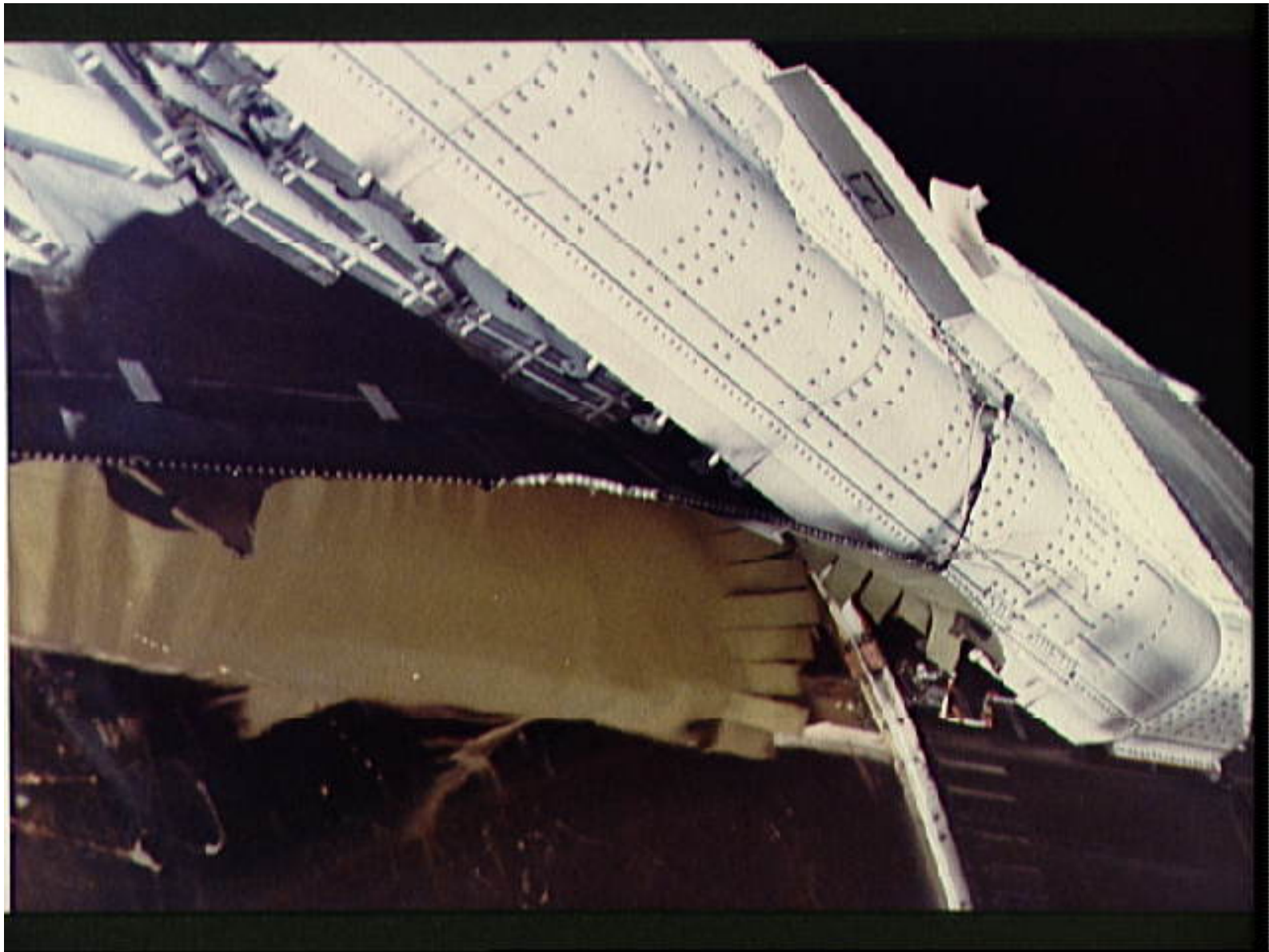
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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: SL2-01-107

File Name: 10076105.jpg

Film Type: 35mm

Date Taken: 06/22/73

Title: Close up View of the Damaged and Partially Deployed Solar Array

Description:

This close up view of the damaged and partially deployed solar array panel was taken from the Skylab 2 Command/Service Module during its initial fly around inspection before docking. The aluminum hold down strap which failed to release, preventing the solar array panel from deploying properly, can be seen in place and intact. The strap was later cut during an early mission EVA allowing the solar array panel to be deployed.

Subject terms:

EARTH ORBITAL RENDEZVOUS

MANNED ORBITAL LABORATORIES

ORBITAL WORKSHOPS

SKYLAB 2

SOLAR ARRAYS

SPACE STATIONS



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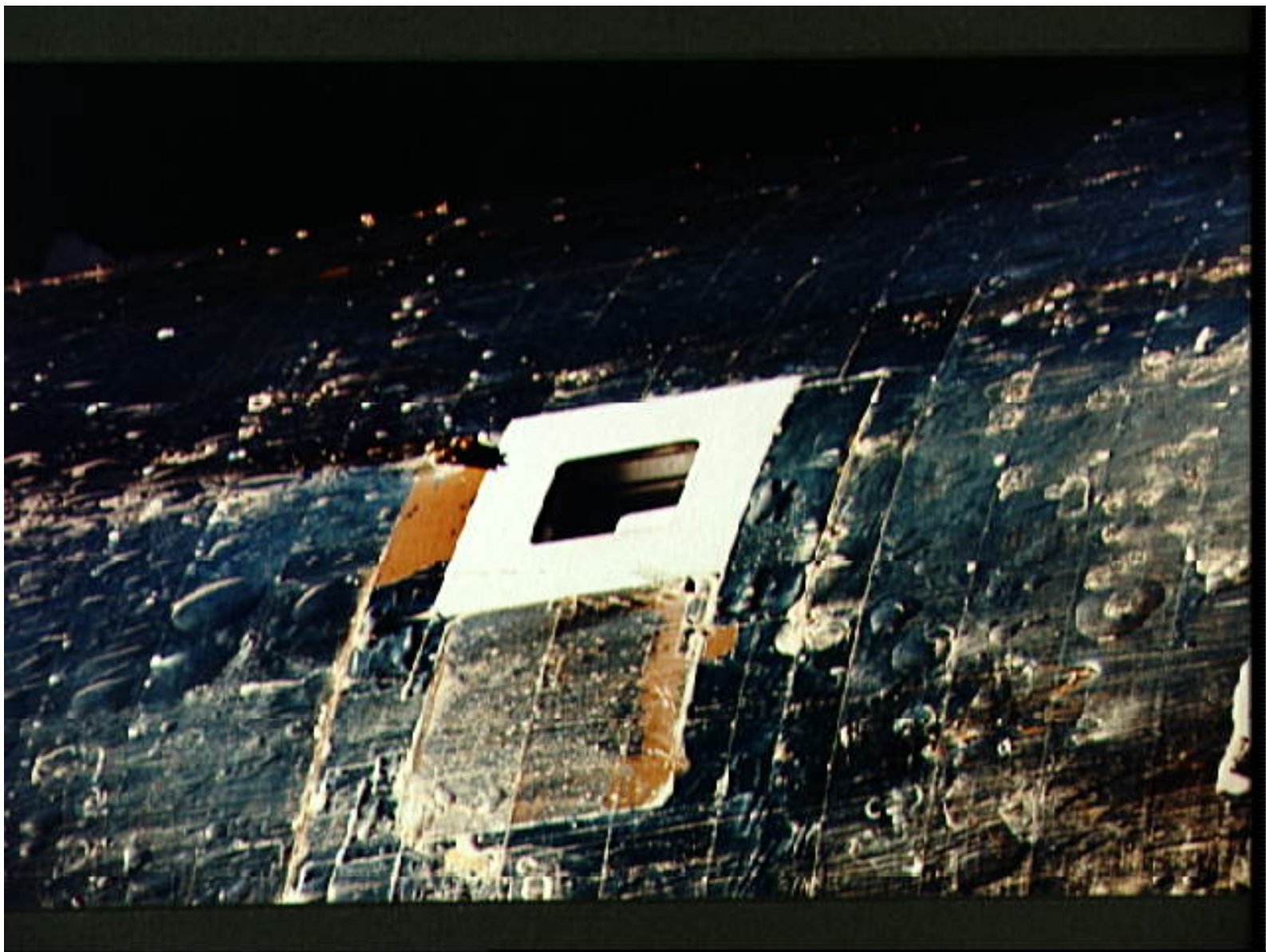
Fax: (281) 483-2848

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NASA Technical Monitor: [Scott Norr](#)

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Last Updated: February 23, 2000



# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: SL2-01-111

File Name: 10076109.jpg

Film Type: 35mm

Date Taken: 06/22/73

Title: One of the Two Scientific Airlocks on the Orbital Workshop Section

Description:

This close up view of one of the two scientific airlocks on the Skylab Orbital Workshop Section was taken from the Skylab 2 Command/Service Module during its initial fly around inspection. The micrometeoroid shield can be seen to be missing from this section of the orbital workshop. A parasol solar shield was later devised and put in place over this damaged area through this very same airlock opening.

Subject terms:

AIR LOCKS

EARTH ORBITAL RENDEZVOUS

GUARDS (SHIELDS)

INSPECTION

MANNED ORBITAL LABORATORIES

MICROMETEORIDS

ORBITAL WORKSHOPS

SHIELDING

SKYLAB 2

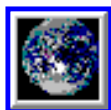
SPACE STATIONS



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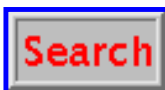


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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: SL2-01-120

File Name: 10076110.jpg

Film Type: 70mm

Date Taken: 05/26/73

Title: Close-up view of partially deployed, damaged solar array

Description:

Close-up view of partially deployed, damaged solar array before astronauts performed extravehicular activity (EVA) to completely deploy it.

Subject terms:

DAMAGE

DEPLOYMENT

REVIEWING

SKYLAB 2

SKYLAB PROGRAM

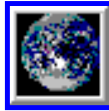
SOLAR ARRAYS



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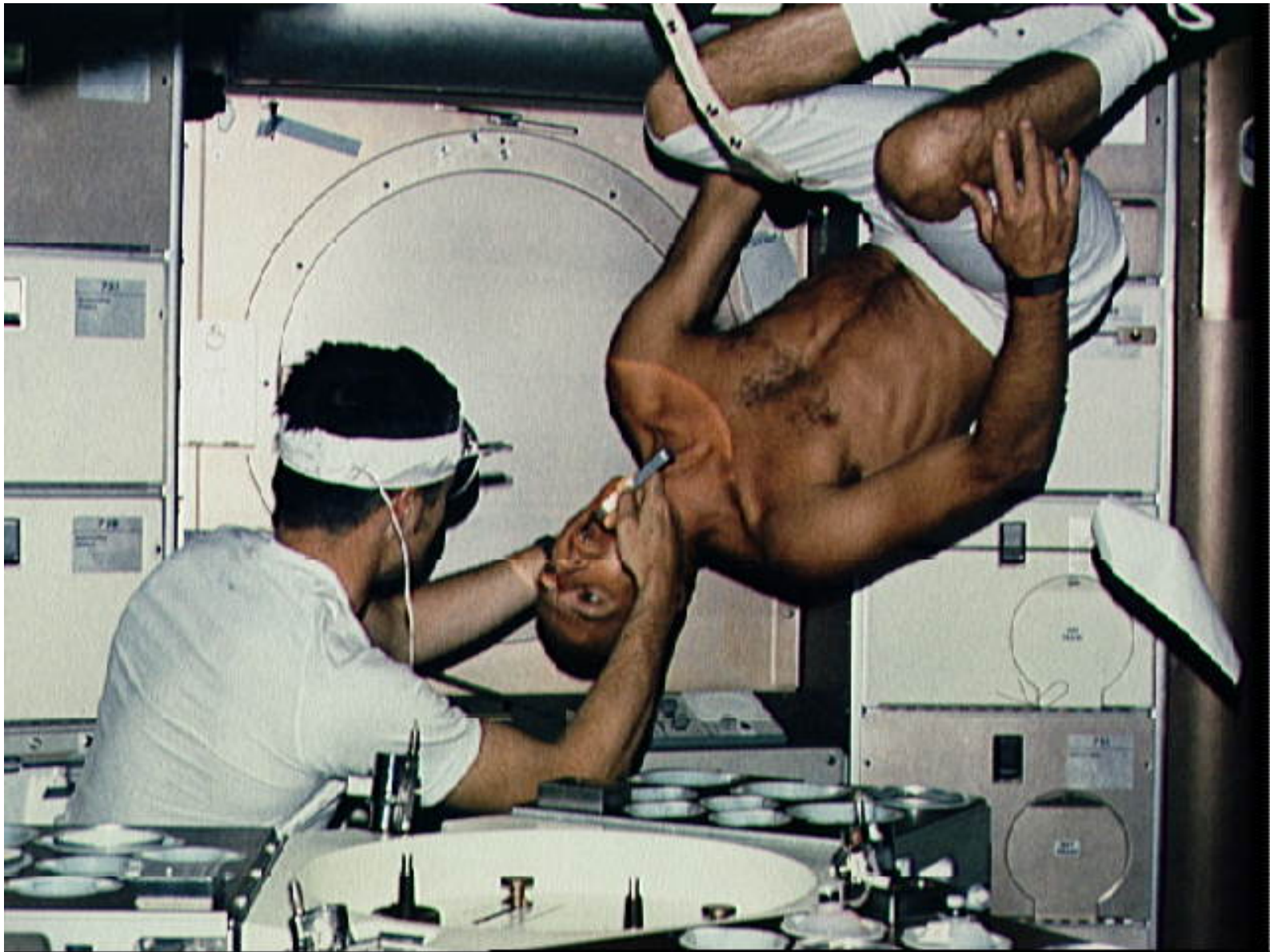
Houston, TX 77058

Fax: (281) 483-2848

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NASA Technical Monitor: [Scott Norr](#)

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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: SL2-02-157

File Name: 10076112.jpg

Film Type: 35mm

Date Taken: 06/22/73

Title: Skylab Dental Examination

Description:

Skylab 2 Commander Charles Conrad is seen undergoing a dental examination by the Medical Officer, Joseph Kerwin in the Skylab Medical Facility. In the absence of an examination chair, Conrad simply rotated his body to an upside down position to facilitate the procedure.

Subject terms:

DENTISTRY

HYGIENE

LIFE SCIENCES

MANNED ORBITAL LABORATORIES

SKYLAB 2



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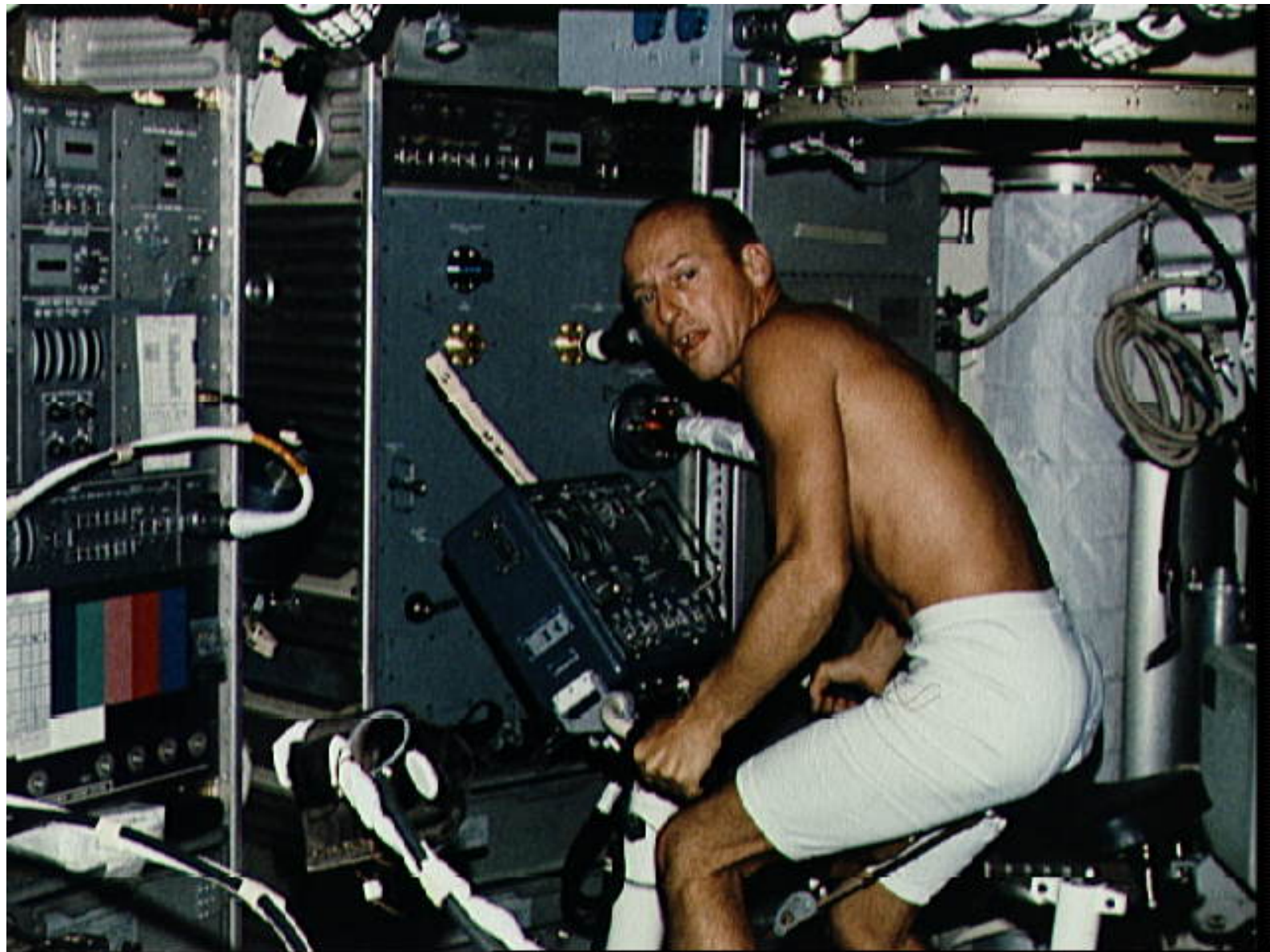
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NASA Technical Monitor: [Scott Norr](#)





# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: SL2-02-161

File Name: 10076113.jpg

Film Type: 70mm

Date Taken: 06/01/73

Title: Astronaut Charles Conrad using the bicycle ergometer

Description:

Astronaut Charles Conrad Jr., Skylab 2 commander, during an exercise session on the bicycle ergometer in the crew quarters of the Skylab Orbital Workshop (OWS) in the Skylab 2 space station cluster in Earth orbit.

Subject terms:

ASTRONAUTS

BICYCLE

ERGOMETERS

PHYSICAL EXERCISE

SKYLAB 2

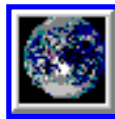
SKYLAB PROGRAM



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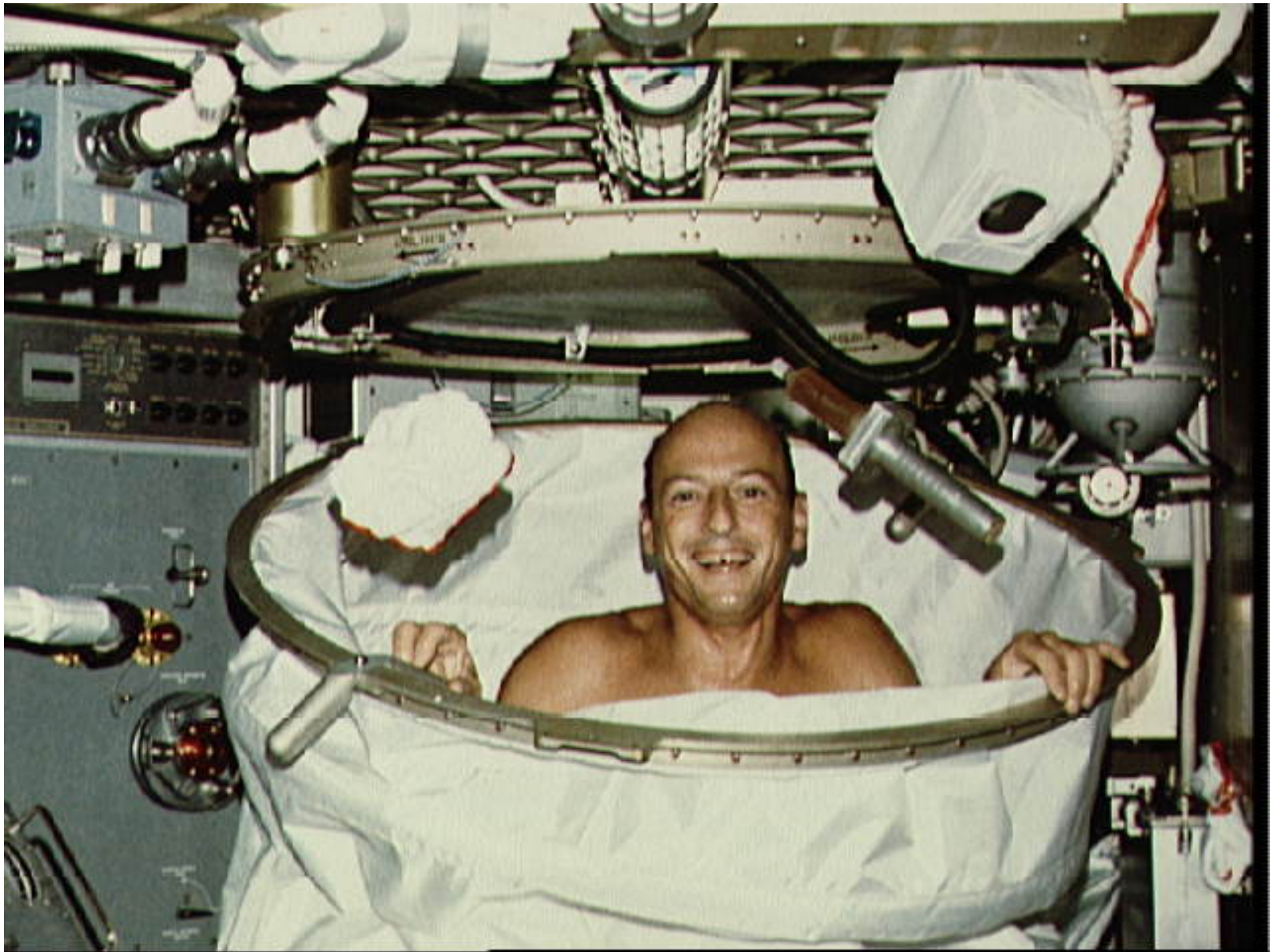
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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: SL2-02-162

File Name: 10076114.jpg

Film Type: 70mm

Date Taken: 06/01/73

Title: Astronaut Charles Conrad poses in shower facility in crew quarters

Description:

Astronaut Charles Conrad Jr., Skylab 2 commander, smiles for the camera after a hot bath in the shower facility in the crew quarters of the Orbital Workshop of the Skylab 2 space station cluster in Earth orbit. In deploying the shower facility the shower curtain is pulled up from the floor and attached to the ceiling. The water comes through a push-button shower head attached to a flexible hose. Water is drawn off by a vacuum system.

Subject terms:

ASTRONAUTS

BATHING

HYGIENE

ORBITAL SPACE STATIONS

SKYLAB 2

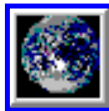
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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: SL2-02-180

File Name: 10076115.jpg

Film Type: 70mm

Date Taken: 06/01/73

Title: Astronaut Joseph Kerwin test subject Lower Body Negative Pressure experiment

### Description:

Scientist-Astronaut Joseph P. Kerwin, Skylab 2 science pilot, serves as test subject for the Lower Body Negative Pressure Experiment. Astronaut Paul J. Weitz, Skylab 2 pilot, assists Kerwin with the blood pressure cuff. They are in the experiment and work area of the Orbital Workshop crew quarters of the Skylab 1 and 2 space station cluster in Earth orbit. Kerwin is lying in the lower body negative pressure device. The purpose of the M092 experiment is to provide information concerning the time course of cardiovascular adaptation during flight, and to provide inflight data for predicting the degree of orthostatic intolerance and impairment of physical capacity to be expected upon return to Earth environment. The data collected in support of M092 are blood pressure, heart rate, body temperature, vectorcardiogram, LBNPD pressure, leg volume changes, and body weight.

### Subject terms:

ASTRONAUTS

BLOOD PRESSURE

CARDIOVASCULAR SYSTEM

LOWER BODY NEGATIVE PRESSURE

SKYLAB 2

SKYLAB PROGRAM

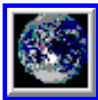
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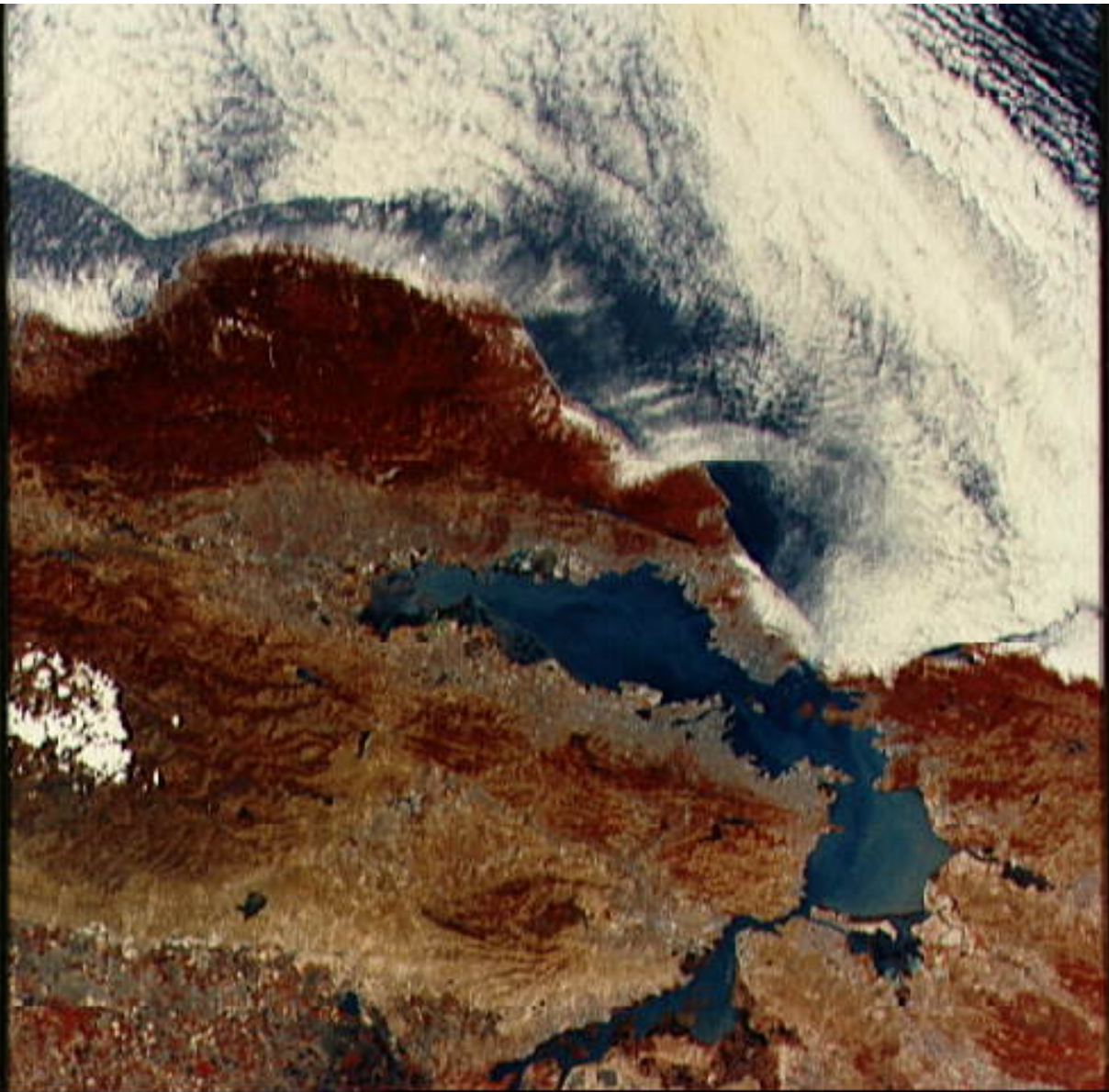
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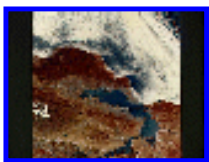
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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: SL2-03-118

File Name: 10076131.jpg

Film Type: 70mm

Date Taken: 06/22/73

Title: San Francisco and Bay Area, CA, USA

Description:

Although clouds obscure part of the city of San Francisco and the mouth of the Bay (37.5N, 122.0W), many cultural and natural features in the immediate vicinity are obvious. The Bay Bridge which was damaged in the 1989 earthquake, Candlestick Park, San Mateo and Dumbarton Bridges as well as the various colored settling ponds rimming the south end of the Bay, the San Andreas and Calaveras faults and many of the major highways can be seen. Color infrared photography is very useful for haze penetration and greater definition of the imagery as well as vegetation detection, depicted as shades of red.

Subject terms:

BAYS

BRIDGES

CITIES

COLOR INFRARED PHOTOGRAPHY

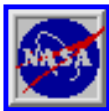
EARTH OBSERVATIONS (FROM SPACE)

FAULTS

HIGHWAYS

PENINSULAS

SKYLAB 2



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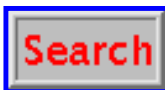


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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: SL2-03-126

File Name: 10076130.jpg

Film Type: 70mm

Date Taken: 06/22/73

Title: Mojave Desert, California

Description:

Color infrared orbital view of the Mojave Desert in California. In the middle of the scene is really an ancient dry lake bed just to the east of the San Bernardino Valley and the city of Los Angeles. Color infrared imagery is useful for locating vegetation, portrayed as shades of red. Generally, the brighter the shade of red, the more lush and vigorous the vegetation.

Subject terms:

CALIFORNIA

CLOUDS

COLOR INFRARED PHOTOGRAPHY

DESERTS

EARTH OBSERVATIONS (FROM SPACE)

FLATS (LANDFORMS)

MOUNTAINS

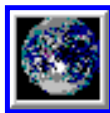
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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: SL2-03-192

File Name: 10076132.jpg

Film Type: 70mm

Date Taken: 06/22/73

Title: Lake Mead, NV

Description:

Lake Mead, Nevada, (36.0N, 114.5E) where the water from the Colorado River empties after it's 273 mile journey through the Grand Canyon of Arizona is the subject of this photo. Other features of interest are Hoover Dam on the south shore of Lake Mead where cheap hydroelectric power is secondary to the water resources made available in this northern desert region and the resort city of Las Vegas, just to the west of Lake Mead. In this harsh desert environment, color infrared photography readily penetrates haze, detects and portrays vegetation as shades of red.

Subject terms:

COLOR INFRARED PHOTOGRAPHY

DESERTS

EARTH OBSERVATIONS (FROM SPACE)

MOUNTAINS

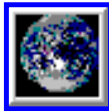
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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: SL2-03-200

File Name: 10076133.jpg

Film Type: 70mm

Date Taken: 06/22/73

Title: Phoenix, AZ, USA

Description:

The city of Phoenix, AZ (33.5N, 112.0W) can be seen in good detail in this color infrared scene. Situated among truck crop agriculture fields, the color infrared photo depicts the vegetated fields as shades of red making the agriculture stand out in this desert environment. To the east, Lake Theodore Roosevelt and dam can be easily seen.

Subject terms:

AGRICULTURE

CITIES

COLOR INFRARED PHOTOGRAPHY

DESERTS

EARTH OBSERVATIONS (FROM SPACE)

LAKES

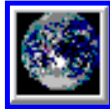
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## Press Release Images



NASA Photo ID: SL2-03-205

File Name: 10076116.jpg

Film Type: 70mm

Date Taken: 06/01/73

Title: Astronaut Joseph Kerwin strapped into sleep restraint in crew quarters  
Description:

Scientist-Astronaut Joseph P. Kerwin, Skylab 2 science pilot, is photographed strapped into the sleep restraint in the crew quarters of the Orbital Workshop of the Skylab 1 and 2 space station cluster in Earth orbit. Kerwin is wearing the special cap which contains biomedical instrumentation for the M133 Sleep Monitoring Experiment. The purpose of the M133 experiment is to evaluate quantity and quality of sleep during prolonged space flight by the analysis of electroencephalographic (EEG) and electrooculographic (EOG) activity.

Subject terms:

ASTRONAUTS

HABITATS

SKYLAB 2

SKYLAB PROGRAM

SLEEP

SLEEP RESTRAINTS

SPACEBORNE EXPERIMENTS



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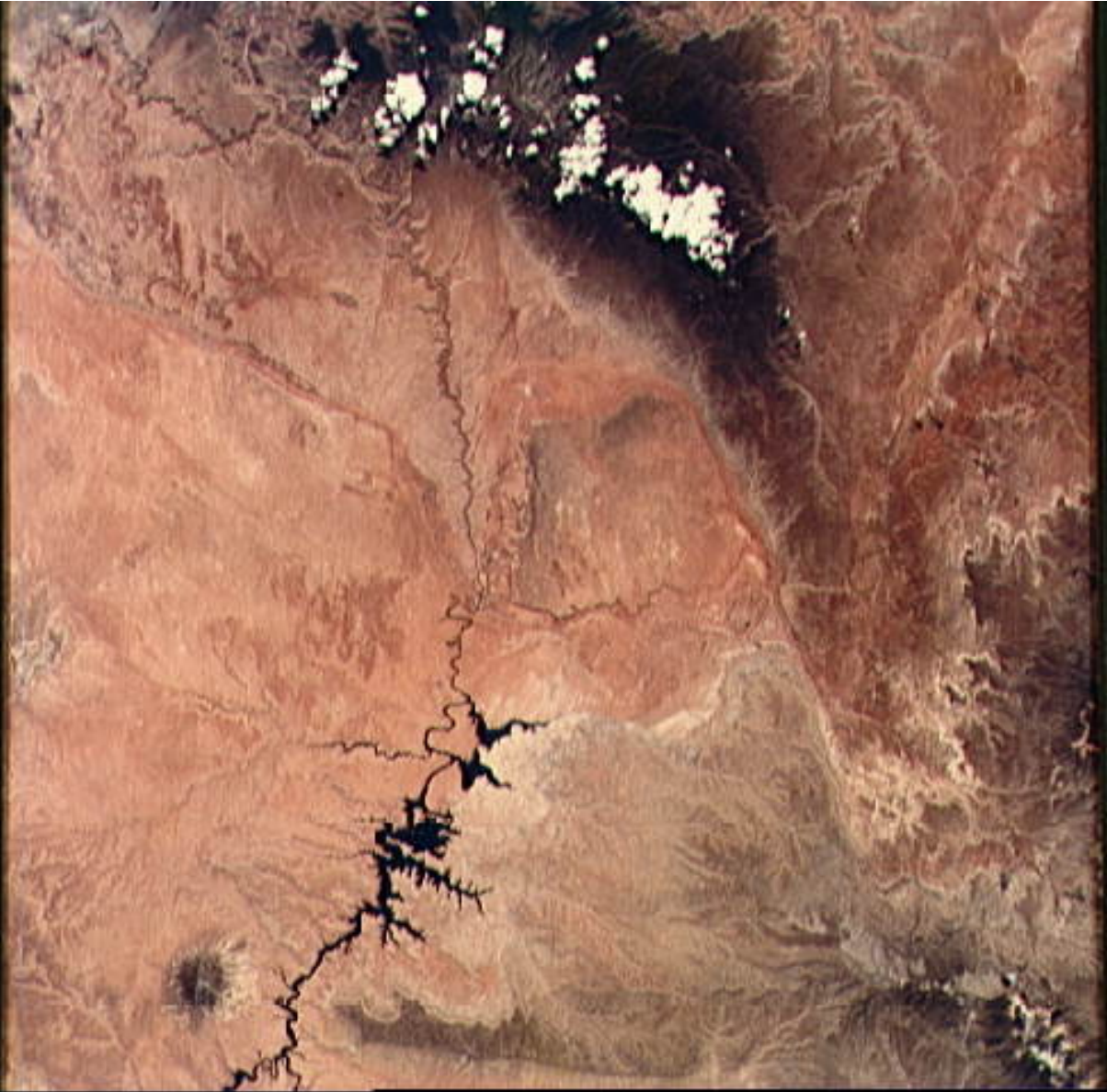
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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: SL2-04-018

File Name: 10076134.jpg

Film Type: 70mm

Date Taken: 06/22/73

Title: Lake Powell, Colorado River, Utah and Grand Canyon, Arizona

Description:

In this stark desert scene, Lake Powell, the Colorado River and the Grand Canyon (36.5N, 111.5W) provide the only relief and source of water. The creation of Lake Powell by the building of the Glen Canyon High Dam led directly to the establishment of a National Recreation Area surrounding the lakes. To the south, following the course of the Colorado River, the NE corner of Grand Canyon can be seen.

Subject terms:

CANYONS

DESERTS

EARTH OBSERVATIONS (FROM SPACE)

FORESTS

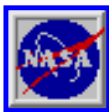
GRAND CANYON (AZ)

LAKES

MOUNTAINS

RIVERS

SKYLAB 2



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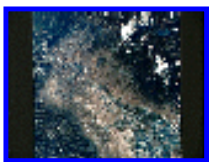
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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: SL2-04-179

File Name: 10076135.jpg

Film Type: 70mm

Date Taken: 06/22/73

Title: Sacramento Valley, CA, USA

Description:

The Sacramento Valley (40.5N, 121.5W) of California is the northern extension of the Central Valley, main agriculture region of the state. Hundreds of truck farms, vineyards and orchards can be seen throughout the length and breadth of the valley which was reclaimed from the desert by means of intensive and extensive irrigation projects.

Subject terms:

AGRICULTURE

CALIFORNIA

EARTH OBSERVATIONS (FROM SPACE)

LAKES

MOUNTAINS

SKYLAB 2

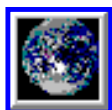
VALLEYS



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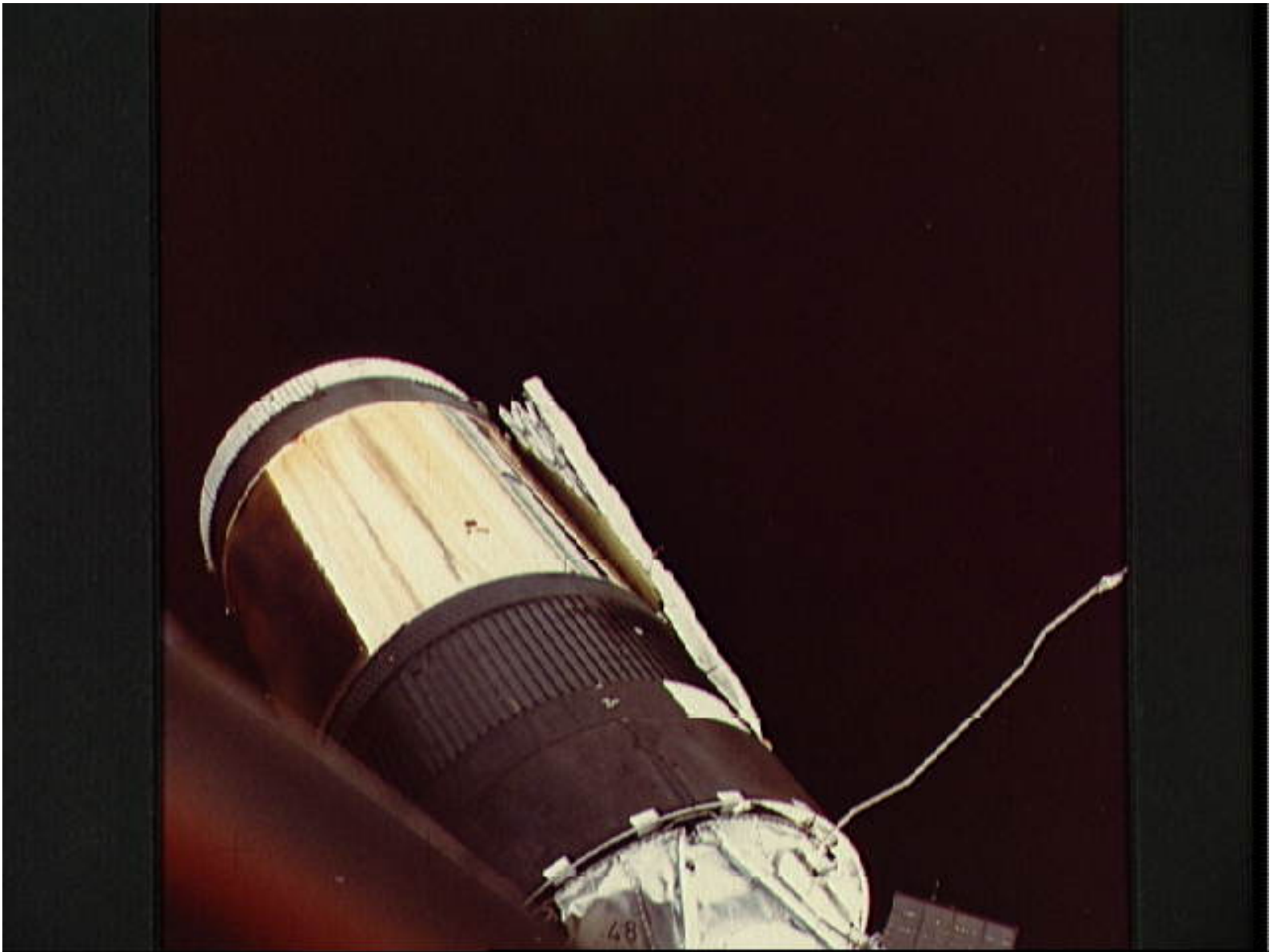
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## Press Release Images



NASA Photo ID: SL2-04-248

File Name: 10076097.jpg

Film Type: 70mm

Date Taken: 06/22/73

Title: Rendezvous and Fly Around Inspection of Skylab I Orbital Space Station

### Description:

This view of the Skylab Orbital Space Station was taken from the Skylab 2 Command/Service Module during its initial fly around inspection. The micrometeoroid shield can be seen to be missing and a parasol solar shield was later fitted in its place. The damaged and partially deployed solar array, in the center of the scene, can be seen to be restrained by a strap that was later cut during an early EVA, allowing the panel to fully deploy.

### Subject terms:

EARTH ORBITAL RENDEZVOUS

INSPECTION

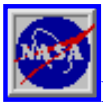
MANNED ORBITAL LABORATORIES

ORBITAL WORKSHOPS

SKYLAB 2

SOLAR ARRAYS

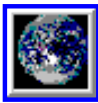
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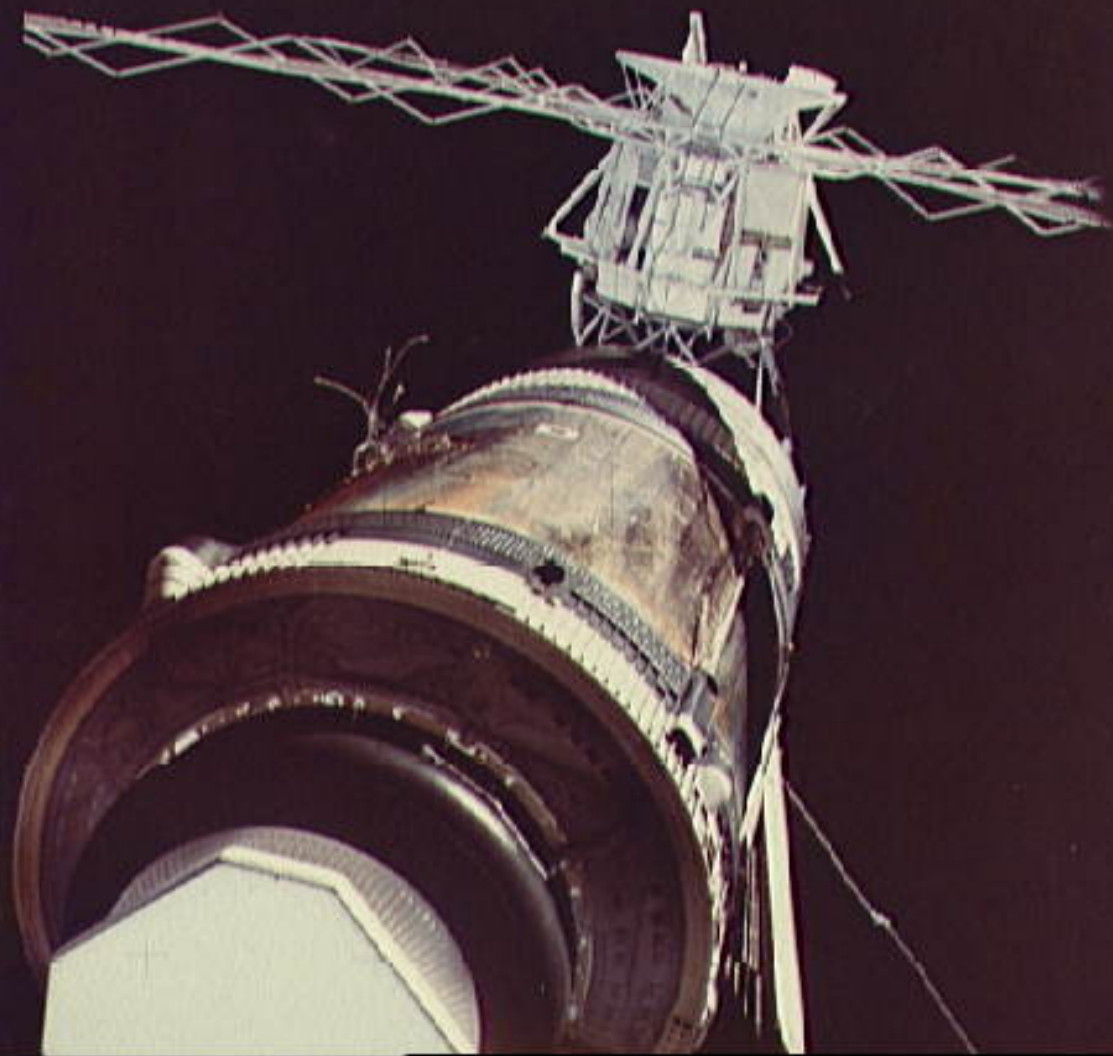
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Last Updated: February 23, 2000



# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: SL2-04-265

File Name: 10076098.jpg

Film Type: 70mm

Date Taken: 06/22/73

Title: Rendezvous and Fly Around Inspection of Skylab I Orbital Space Station  
Description:

This view of the Skylab Orbital Space Station was taken from the Skylab 2 Command/Service Module during it's initial fly around inspection. The cables and tubing seen on top of the Orbital Space Station are all that remain of a solar panel (one of two) that was completely ripped off during launch - the other, can be seen partially deployed on the other side. At the far end of the vehicle is the Apollo Telescope Mount with extended solar panels.

Subject terms:

APOLLO TELESCOPE MOUNT

EARTH ORBITAL RENDEZVOUS

INSPECTION

MANNED ORBITAL LABORATORIES

ORBITAL WORKSHOPS

SKYLAB 2

SOLAR ARRAYS

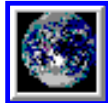
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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: SL2-04-288

File Name: 10076136.jpg

Film Type: 70mm

Date Taken: 06/22/73

Title: White Sands, Carrizozo Lava Beds, NM

Description:

A truly remarkable view of White Sands and the nearby Carrizozo Lava Beds in southeast NM (33.5N, 106.5W). White Sands, site of the WW II atomic bomb development and testing facility and later post war nuclear weapons testing that can still be seen in the cleared circular patterns on the ground.

Subject terms:

DESERTS

EARTH OBSERVATIONS (FROM SPACE)

FIELDS, LAVA

MOUNTAINS

NEW MEXICO

RIVERS

SKYLAB 2



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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: SL2-05-359

File Name: 10076137.jpg

Film Type: 70mm

Date Taken: 06/22/73

Title: Southern Italy

Description:

This rare cloud free view of southern Italy (41.0N, 16.0E) shows almost all of the famous 'boot' configuration of the peninsula up to just north of Naples and Mount Vesuvius. The land mass of this historic peninsula contrasts sharply with the sparkling blue waters of the Mediterranean Sea.

Subject terms:

CITIES

EARTH OBSERVATIONS (FROM SPACE)

ITALY

MEDITERRANEAN SEA

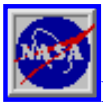
MOUNTAINS

OCEANS

PENINSULAS

SKYLAB 2

VOLCANOES



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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: SL2-05-364

File Name: 10076138.jpg

Film Type: 70mm

Date Taken: 06/22/73

Title: Entire Island of Crete

Description:

Lying in the eastern Mediterranean Sea, the entire Island of Crete (35.0N, 25.0E) can be seen in great detail in this cloud free view. The volcanic origins of this island can also be observed in the many sharp and angular ridgelines and rugged coastal features.

Subject terms:

CRETE

EARTH OBSERVATIONS (FROM SPACE)

ISLANDS

MEDITERRANEAN SEA

OCEANS

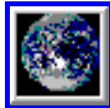
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## Press Release Images



NASA Photo ID: SL2-05-370

File Name: 10076139.jpg

Film Type: 70mm

Date Taken: 06/22/73

Title: Strait of Gibraltar

Description:

Gateway to the Atlantic, since ancient times the Strait of Gibraltar (36.5N, 4.5W) is also the border between Africa and Europe. In Spain to the north, the dark area near the coast is the delta of the Guadalquivir River and the city of Seville. The small spike of land on the north side of the strait is the actual Rock of Gibraltar. On the African side, a cloud front cutting across from the coast is blowing into Europe from Morocco and Algeria.

Subject terms:

AFRICA

ATLANTIC OCEAN

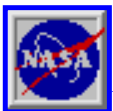
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EUROPE

OCEANS

SKYLAB 2

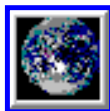
STRAITS



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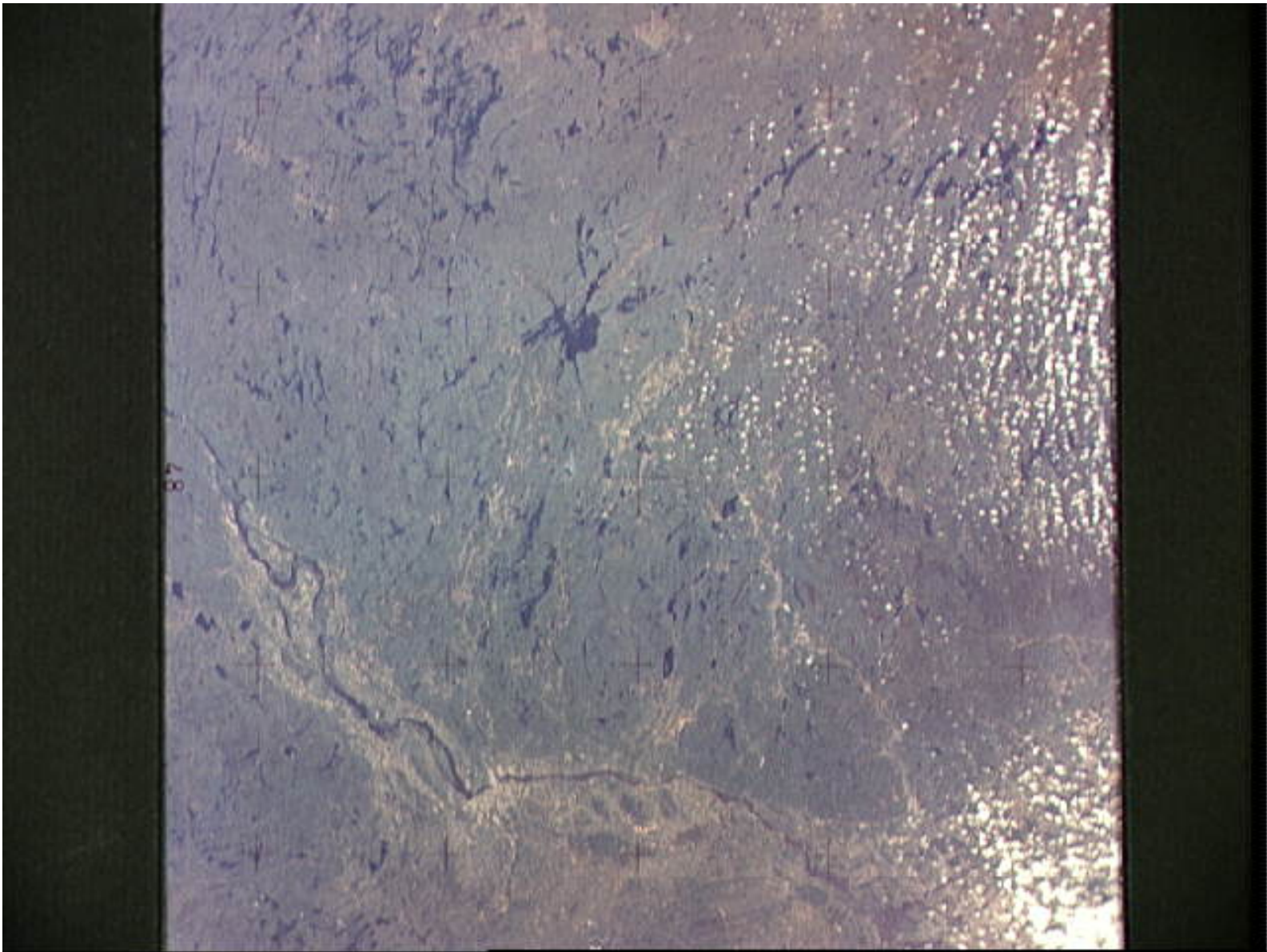
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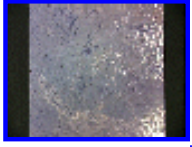
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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: SL2-05-380

File Name: 10076140.jpg

Film Type: 70mm

Date Taken: 06/22/73

Title: Ottawa, Canada and Glaciated Landscape

### Description:

Ottawa, in the province of Ontario, (46.5N, 75.5W) is the capital of Canada and can be seen near the bottom of this scene on the Ottawa River. The region shown lies within the Canadian Shield. The glaciated surface of the land is underlain by lower Precambrian granite and sedimentary rock. Long fractures within these crystalline rocks have, in places, been carved out by glacial action. The resultant depressions are often water filled bogs and lakes.

### Subject terms:

CANADA

CITIES

EARTH OBSERVATIONS (FROM SPACE)

GLACIAL DRIFT

GLACIERS

LAKES

RIVERS

SKYLAB 2



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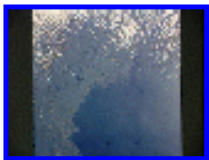
87



This is an aerial photograph of a coastal area, likely taken from a high-altitude aircraft. The image shows a dark, irregularly shaped landmass on the left side, which appears to be a peninsula or a large island. The surrounding water is a deep blue color. A grid of white crosshairs is overlaid on the entire image, used for navigation or mapping purposes. The number '87' is printed vertically on the left side of the image, near the top edge. The overall appearance is that of a historical or archival aerial photograph.

# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: SL2-05-381

File Name: 10076141.jpg

Film Type: 70mm

Date Taken: 06/22/73

Title: Boston, MA and New England Coastline

Description:

Boston, MA and the New England Coastline (43.5N, 84.0W) can be seen in this view. The typical rugged rocky coast of Maine is the result of heavy glacial action producing the rocky cliffs, jagged spurs of land and islands that characterize Main's Atlantic Coast. During the last Ice Age, extensive sediments were laid down producing a landscape of rolling hills with rocky outcrops.

Subject terms:

ATLANTIC OCEAN

CITIES

EARTH OBSERVATIONS (FROM SPACE)

LAKES

MOUNTAINS

OCEANS

RIVERS

SKYLAB 2



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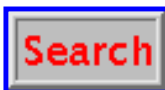


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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: SL2-05-389

File Name: 10076142.jpg

Film Type: 70mm

Date Taken: 06/22/73

Title: Detroit and the Lower Peninsula of Michigan

Description:

This scene displays the southeastern part of Michigan's Lower Peninsula and adjacent Ontario, Canada (43.0N, 84.0W). Detroit can be recognized by its radial pattern of development and sediment plumes in the rivers from the massive industrial activity. The area pockmarked by lakes northwest of Detroit essentially outlines the limits of the Defiance Moraine caused by the stagnation and melting of Ice Age glaciers.

Subject terms:

CITIES

EARTH OBSERVATIONS (FROM SPACE)

GLACIAL DRIFT

LAKES

PENINSULAS

RIVERS

SKYLAB 2



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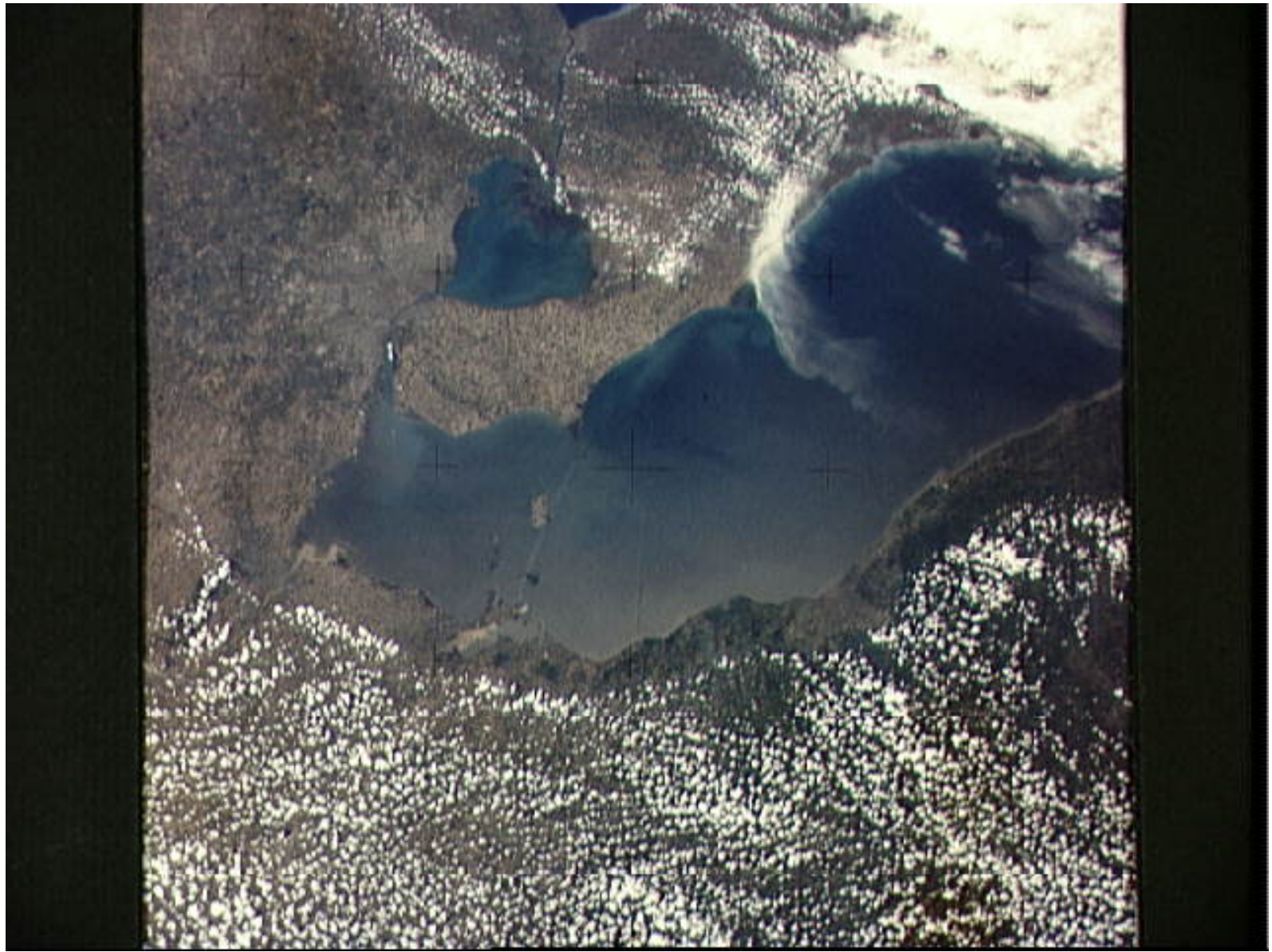
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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: SL2-05-390

File Name: 10076143.jpg

Film Type: 70mm

Date Taken: 06/22/73

Title: Detroit, MI, Toledo, OH and Lake Erie

Description:

Greater Detroit (42.0N, 82.5W) is located at the southeastern border of Michigan on the Detroit River across from Windsor, Ontario, Canada and Lake Huron to the north. The river connecting Lake Erie is a channel left over from the Ice Age Glaciers. The land use pattern in this scene is typical of this part of the upper midwest. The once extensive forests have been cleared for farmland and pasture, but narrow rows of trees still line farm boundaries.

Subject terms:

CITIES

EARTH OBSERVATIONS (FROM SPACE)

ISLANDS

LAKES

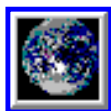
SKYLAB 2



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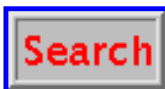


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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: SL2-05-393

File Name: 10076144.jpg

Film Type: 70mm

Date Taken: 06/22/73

Title: Chesapeake Bay, Potomac River

Description:

The nation's capital lies astride the Potomac River (38.5N, 77.5W) at the head of the Potomac Estuary. Baltimore, MD, also in the scene, is connected to Washington by the Baltimore-Washington Parkway. The suburbs of both cities tend to cluster around the Washington and Baltimore Beltways. Most of the countryside in the eastern two-thirds of this scene is either heavily forested or is in farming, dairy operations or poultry production.

Subject terms:

ATLANTIC OCEAN

BAYS

EARTH OBSERVATIONS (FROM SPACE)

MOUNTAINS

OCEANS

PENINSULAS

RIVERS

SKYLAB 2



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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: SL2-05-397

File Name: 10076145.jpg

Film Type: 70mm

Date Taken: 06/22/73

Title: New Orleans, Louisiana, Mississippi River, and Lake Pontchartrain

Description:

New Orleans, Louisiana, Mississippi River, and Lake Pontchartrain (31.0N, 91.0W) can all be seen in this single detailed view. The marshlands of the Atchafalaya Basin, previously the main drainage way for the Mississippi River, can be seen to be partially silted as a result of sediments. The long narrow field patterns fronting on the river is called the "Long Lot" system of equal land distribution based on the French Napoleonic Civil Code.

Subject terms:

AGRICULTURE

CITIES

EARTH OBSERVATIONS (FROM SPACE)

FLOOD PLAINS

LAKES

LAND MANAGEMENT

MARSHLANDS

RIVERS

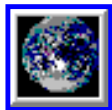
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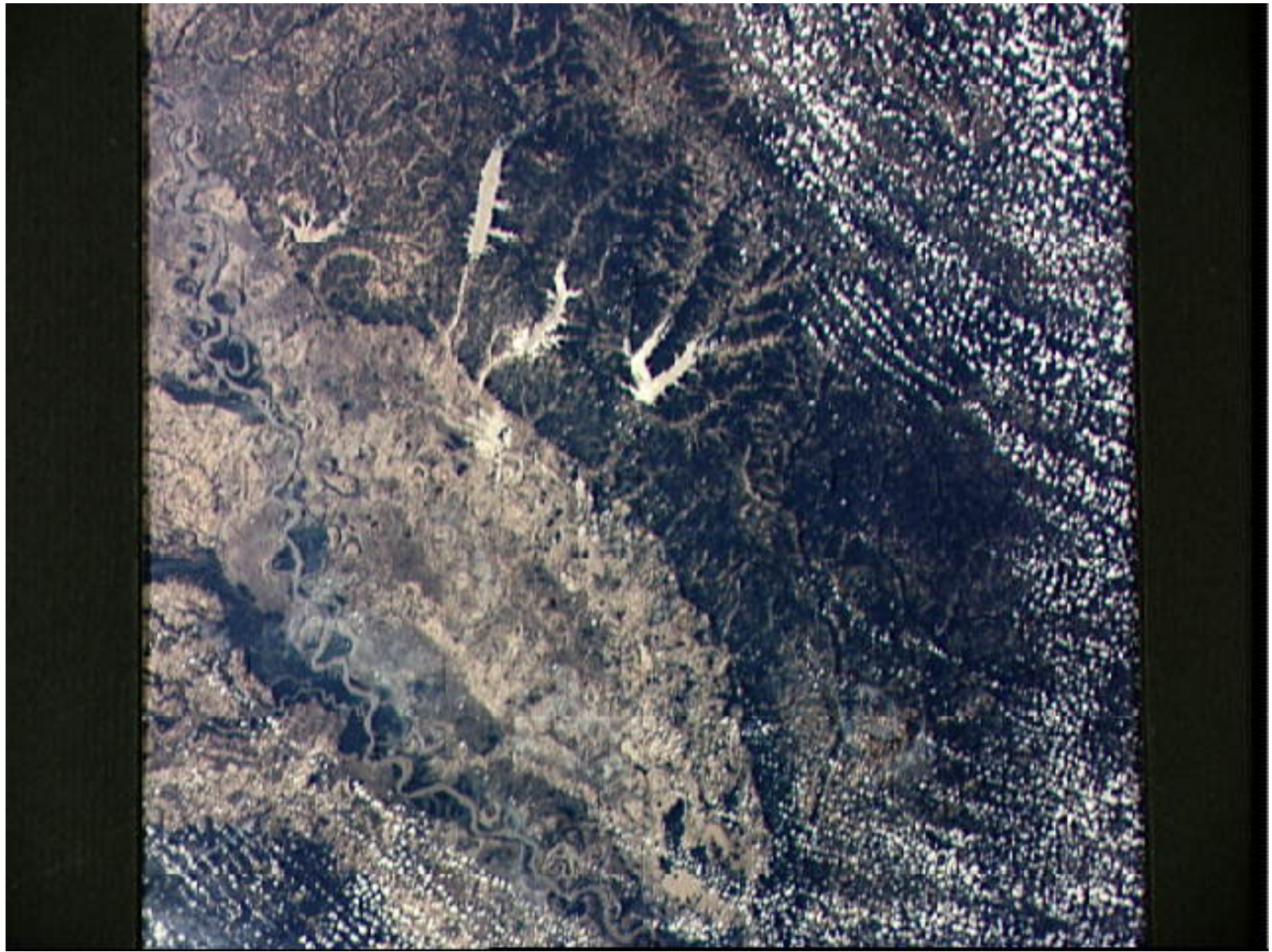
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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: SL2-05-422

File Name: 10076146.jpg

Film Type: 70mm

Date Taken: 06/22/73

Title: Mississippi River, Yazoo Basin, Memphis, TN

Description:

This section of the lower Mississippi River (34.0N, 90.0W) known as the Yazoo Basin, is characterized by a wide expanse of rich river bottomland with many oxbow lakes, the remains of the many changes in the riverbed over the course of many thousands of years. This soil is very fertile and productive but the region is prone to flooding. In this view, some of the back areas around the Delta National Forest show the effects of heavy spring rains.

Subject terms:

AGRICULTURE

CITIES

EARTH OBSERVATIONS (FROM SPACE)

LAKES

RIVERS

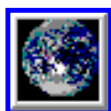
SKYLAB 2



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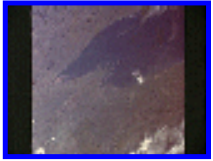
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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: SL2-05-454

File Name: 10076147.jpg

Film Type: 70mm

Date Taken: 06/22/73

Title: Lake Superior, Deluth, MN

### Description:

This view shows the west end of Lake Superior and Deluth, MN (47.0N, 91.0W). Portions of Minnesota, Michigan and Ontario, Canada are in the scene. The Deluth metropolitan area is at the west end of the lake. The discoloration plume in the water at Deluth is the result of tailings from the iron ore smelters that process the iron ore from the nearby open pit mines seen near the upper left corner of the photo.

### Subject terms:

CITIES

EARTH OBSERVATIONS (FROM SPACE)

GLACIERS

LAKES

MINES (EXCAVATIONS)

SKYLAB 2

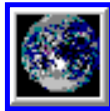
WATER POLLUTION



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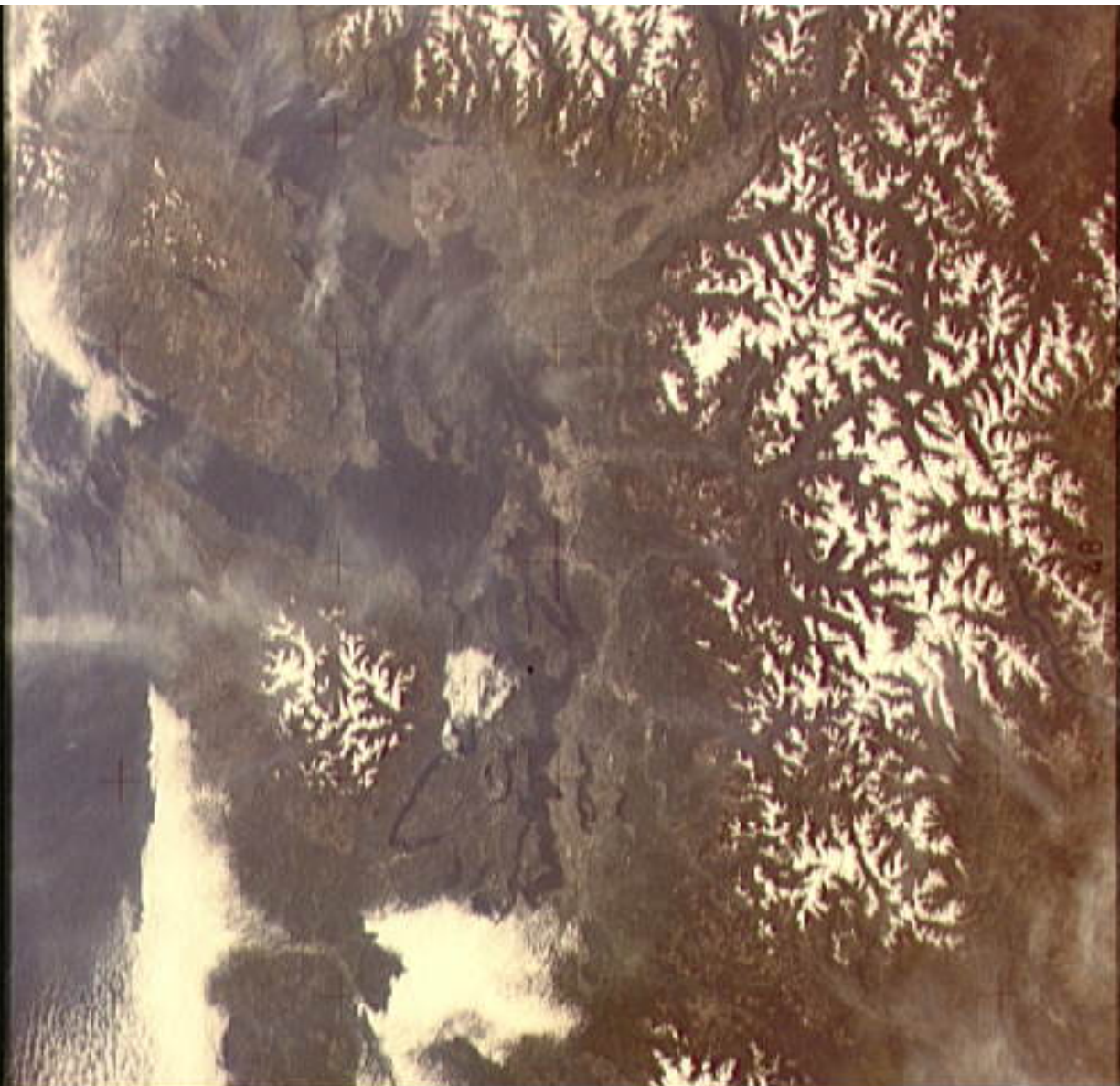
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## Press Release Images



NASA Photo ID: SL2-05-458

File Name: 10076148.jpg

Film Type: 70mm

Date Taken: 06/22/73

Title: Northwest Washington State

Description:

Portions of northwest Washington State (48.0N, 122.5) can be seen in this view as well as portions of British Columbia, Canada. The snow covered Cascade Mountains are on the eastern side of the scene. Vancouver Island is visible in the northeast corner of the photo. The strait of Juan de Fuca separates Vancouver Island from the northwest corner of Washington. Seattle is near the center and the snow covered Olympic Mountains are to the east.

Subject terms:

CITIES

EARTH OBSERVATIONS (FROM SPACE)

ISLANDS

MOUNTAINS

PENINSULAS

SKYLAB 2

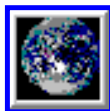
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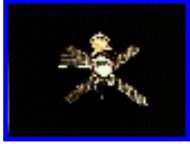
Mail Code AP4

2101 NASA Road 1



# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: SL2-07-615

File Name: 10076167.jpg

Film Type: 70mm

Date Taken: 06/22/73

Title: Skylab 2 Farewell View from the Departing Skylab Command/Service Module

Description:

This overhead view of the Skylab Space Station was taken from the Departing Skylab Command/Service Module during the Skylab 2's final fly-around inspection. The single solar panel is quite evident as well as the parasol solar shield, rigged to replace the missing micrometeoroid shield. Both the second solar panel and the micrometeoroid shield were torn away during a mishap in the original Skylab 1 liftoff and orbital insertion.

Subject terms:

EARTH ORBITAL RENDEZVOUS

MANNED ORBITAL LABORATORIES

ORBITAL WORKSHOPS

SKYLAB 2

SOLAR ARRAYS

SPACE STATIONS



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NASA Technical Monitor: [Scott Norr](#)

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Last Updated: February 23, 2000



# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: SL2-07-651

File Name: 10076168.jpg

Film Type: 70mm

Date Taken: 06/22/73

Title: Skylab 2 Farewell View from the Departing Skylab Command/Service Module

### Description:

This overhead view of the Skylab Space Station was taken from the Departing Skylab Command/Service Module during the Skylab 2's final fly-around inspection. The single solar panel is quite evident as well as the parasol solar shield, rigged to replace the missing micrometeoroid shield. Both the second solar panel and the micrometeoroid shield were torn away during a mishap in the original Skylab 1 liftoff and orbital insertion.

### Subject terms:

EARTH LIMB

EARTH ORBITAL RENDEZVOUS

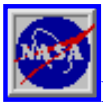
MANNED ORBITAL LABORATORIES

ORBITAL WORKSHOPS

SKYLAB 2

SOLAR ARRAYS

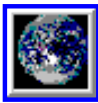
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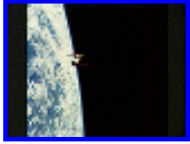
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Last Updated: February 23, 2000



# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: SL2-07-667

File Name: 10076169.jpg

Film Type: 70mm

Date Taken: 06/22/73

Title: Skylab 2 Farewell View from the Departing Skylab Command/Service Module

Description:

This overhead view of the Skylab Space Station was taken from the Departing Skylab Command/Service Module during the Skylab 2's final fly-around inspection. The single solar panel is quite evident as well as the parasol solar shield, rigged to replace the missing micrometeoroid shield. Both the second solar panel and the micrometeoroid shield were torn away during a mishap in the original Skylab 1 liftoff and orbital insertion.

Subject terms:

EARTH LIMB

EARTH ORBITAL RENDEZVOUS

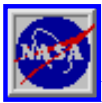
MANNED ORBITAL LABORATORIES

ORBITAL WORKSHOPS

SKYLAB 2

SOLAR ARRAYS

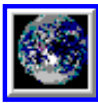
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## Press Release Images



NASA Photo ID: SL2-09-730

File Name: 10076117.jpg

Film Type: 70mm

Date Taken: 06/01/73

Title: Astronaut Joseph Kerwin forms perfect sphere with water droplet

Description:

Scientist-Astronaut Joseph P. Kerwin, Skylab 2 science pilot, forms a perfect sphere by blowing water droplets from a straw in zero gravity. He is in the crew quarters of the Skylab Orbital Workshop.

Subject terms:

ASTRONAUTS

SKYLAB 2

SKYLAB PROGRAM

SPACEBORNE EXPERIMENTS

SPHERES

WATER

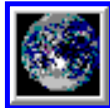
ZERO GRAVITY



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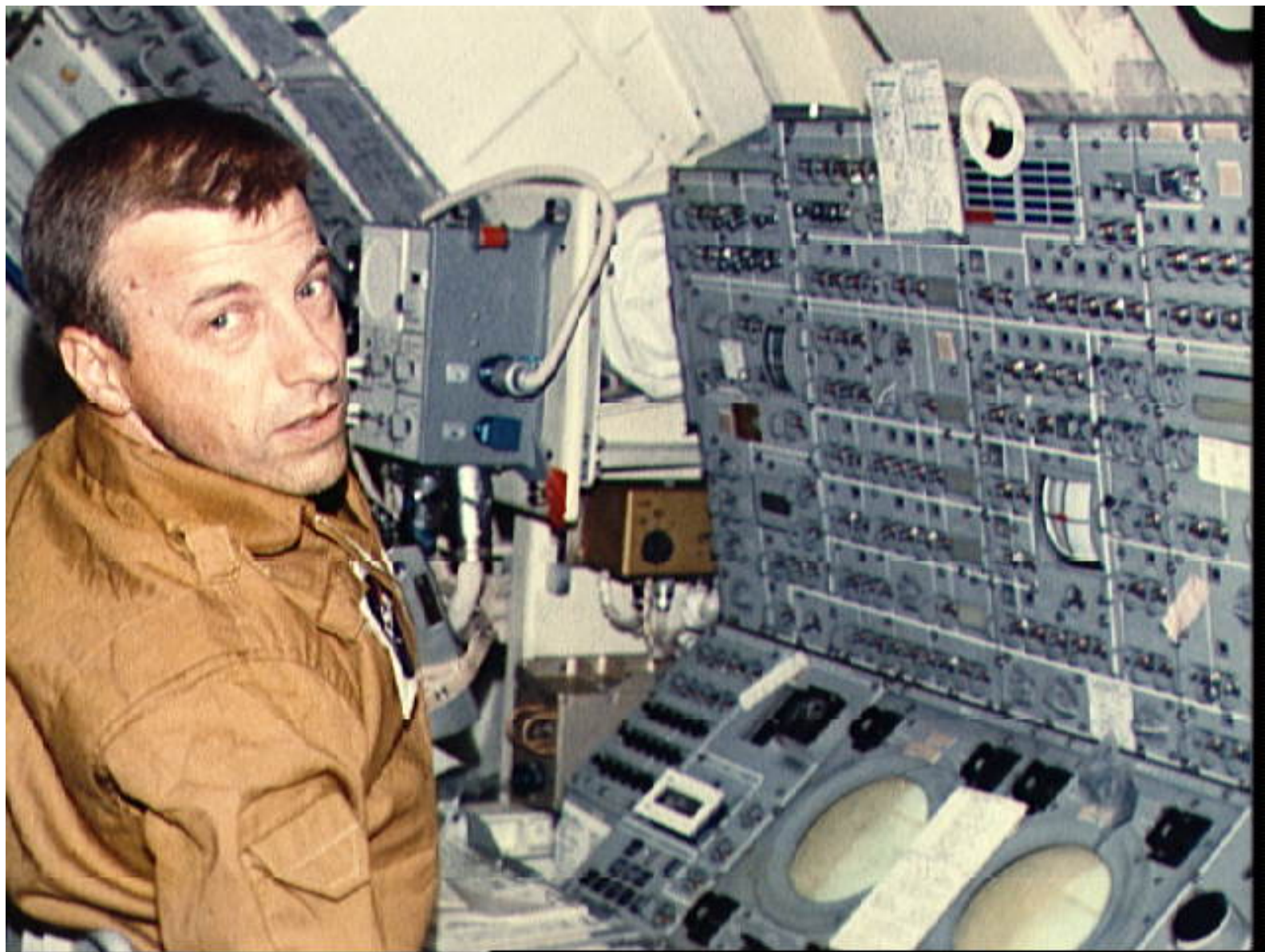
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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: SL2-09-747

File Name: 10076118.jpg

Film Type: 70mm

Date Taken: 06/01/73

Title: Astronaut Paul Weitz at the control panel of the Apollo Telescope Mount

Description:

Astronaut Paul J. Weitz, Skylab 2 pilot, is seated at the control and display panel of the Apollo Telescope Mount (ATM) in the Skylab 1 and 2 space vehicle cluster in Earth orbit.

Subject terms:

ASTRONAUTS

CONSOLES

CONTROL BOARDS

ORBITAL SPACE STATIONS

SKYLAB 2

SKYLAB PROGRAM

SPACEBORNE TELESCOPES



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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: SL2-09-749

File Name: 10076119.jpg

Film Type: 70mm

Date Taken: 06/01/73

Title: Astronaut Paul Weitz gets physical examination from Astronaut Joseph Kerwin

### Description:

Astronaut Paul J. Weitz, Skylab 2 pilot, gets a physical examination by a fellow crewman during the 28-day Skylab 2 mission. Scientist-Astronaut Joseph P. Kerwin, Skylab 2 science pilot and a doctor of medicine, uses a stethoscope to check the Weitz's heartbeat. They are in the Orbital Workshop crew quarters of the Skylab 1 and 2 space station in Earth orbit. This photograph was taken by Charles Conrad Jr., Skylab 2 commander.

### Subject terms:

AEROSPACE MEDICINE

ASTRONAUTS

EXAMINATION

HEALTH

MEDICAL SCIENCE

ORBITAL SPACE STATIONS

PHYSICAL FITNESS

SKYLAB 2

SKYLAB PROGRAM

STETHOSCOPES



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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: SL2-09-755

File Name: 10076120.jpg

Film Type: 70mm

Date Taken: 06/01/73

Title: Astronaut Charles Conrad trims hair of Astronaut Paul Weitz

Description:

Astronaut Charles Conrad Jr., Skylab 2 commander, trims the hair of Astronaut Paul J. Weitz, Skylab 2 pilot, during the 28-day Skylab 2 mission in Earth orbit. They are in the crew quarters wardroom of the Orbital Workshop of the Skylab 1 and 2 space station. Weitz is holding a vacuum hose in his right hand. This picture was taken by Scientist-Astronaut Joseph P. Kerwin, Skylab 2 science pilot.

Subject terms:

ASTRONAUTS

CUTTING

HAIR

HOSES

HYGIENE

ORBITAL SPACE STATIONS

SKYLAB 2

SKYLAB PROGRAM

VACUUM APPARATUS



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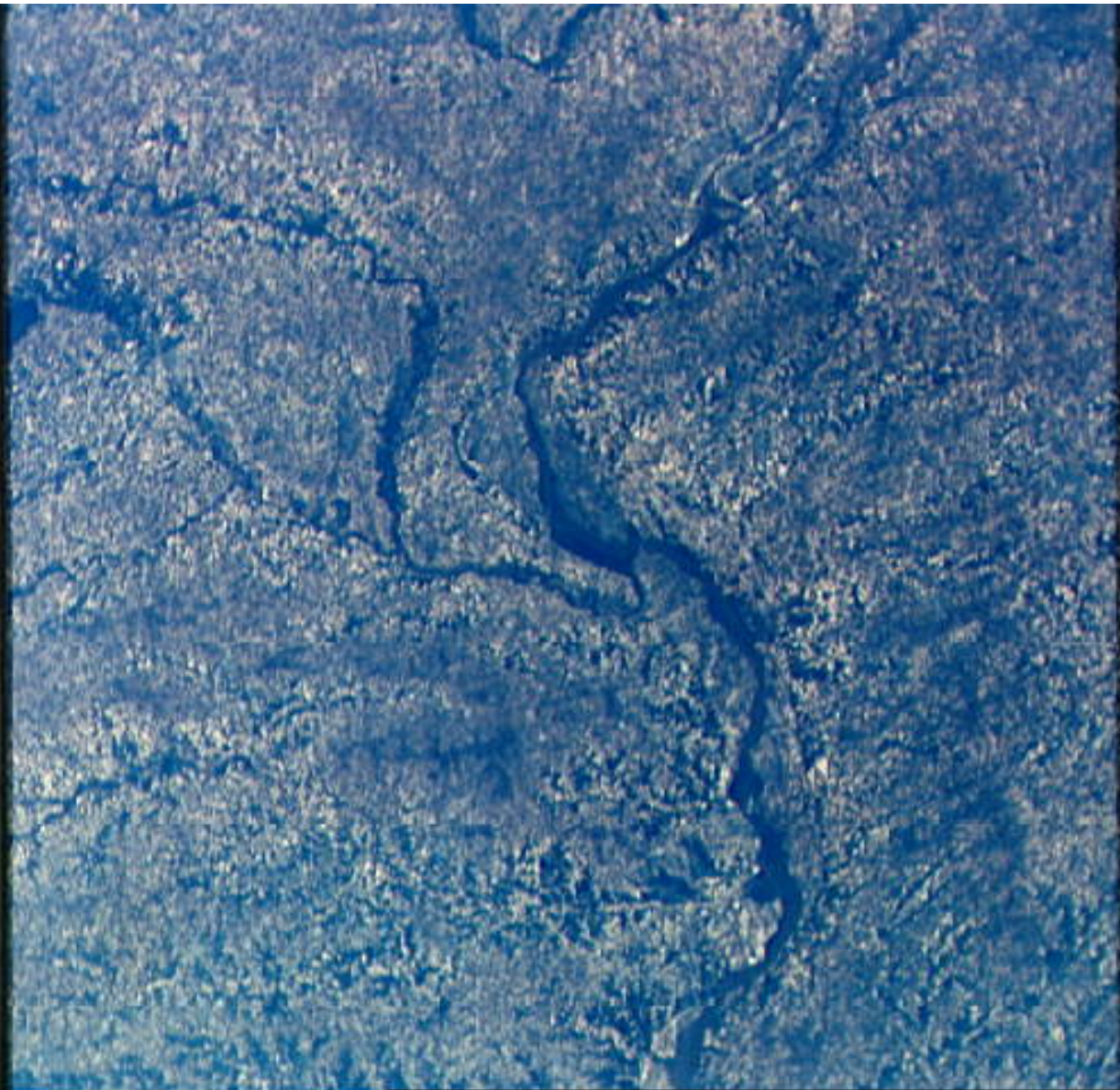
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## Press Release Images



NASA Photo ID: SL2-10-250

File Name: 10076149.jpg

Film Type: 70mm

Date Taken: 06/22/73

Title: Eastern Iowa, Northwestern Illinois

### Description:

This view of the Mississippi and Iowa River Valleys (41.5N, 90.5W) shows the rich agricultural region of the upper midwest. Most of the farms occupy one statute mile squares bounded by roads that coincide with the section lines used in the township and range system of surveying practiced in the U.S. central plains, the heart of the great corn belt. Other crops grown in the region include oats, soybeans, hay and alfalfa.

### Subject terms:

AGRICULTURE

CITIES

EARTH OBSERVATIONS (FROM SPACE)

RIVERS

SKYLAB 2



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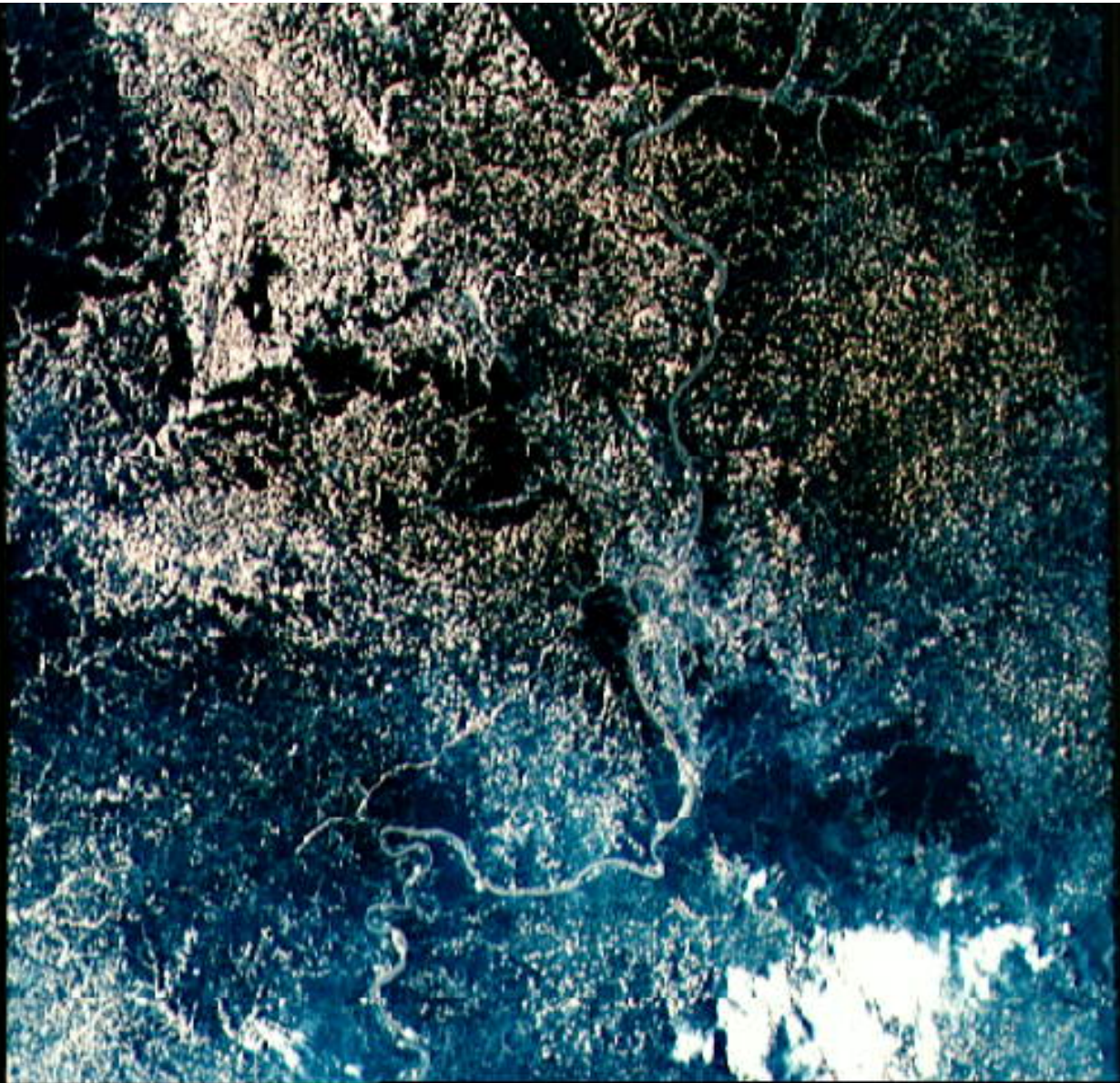
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NASA Technical Monitor: [Scott Norr](#)

Last Updated: February 23, 2000



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## Press Release Images



NASA Photo ID: SL2-10-260

File Name: 10076150.jpg

Film Type: 70mm

Date Taken: 06/22/73

Title: Louisville, KY, USA

### Description:

The meandering Ohio River bisecting this image is the border between Kentucky and Indiana. Louisville, KY (38.5N, 86.0W) on the south shore, is the main city seen in this predominately agricultural region where much of the native hardwood forests have been preserved in the hilly terrain. The main crops in this region include corn, alfalfa, wheat and soybeans. The dark rectangle in south Indiana near the river is The U.S. Army's Jefferson Proving Ground.

### Subject terms:

AGRICULTURE

ARMED FORCES (UNITED STATES)

CITIES

EARTH OBSERVATIONS (FROM SPACE)

PROVING

RIVERS

SKYLAB 2

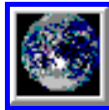
TEST RANGES



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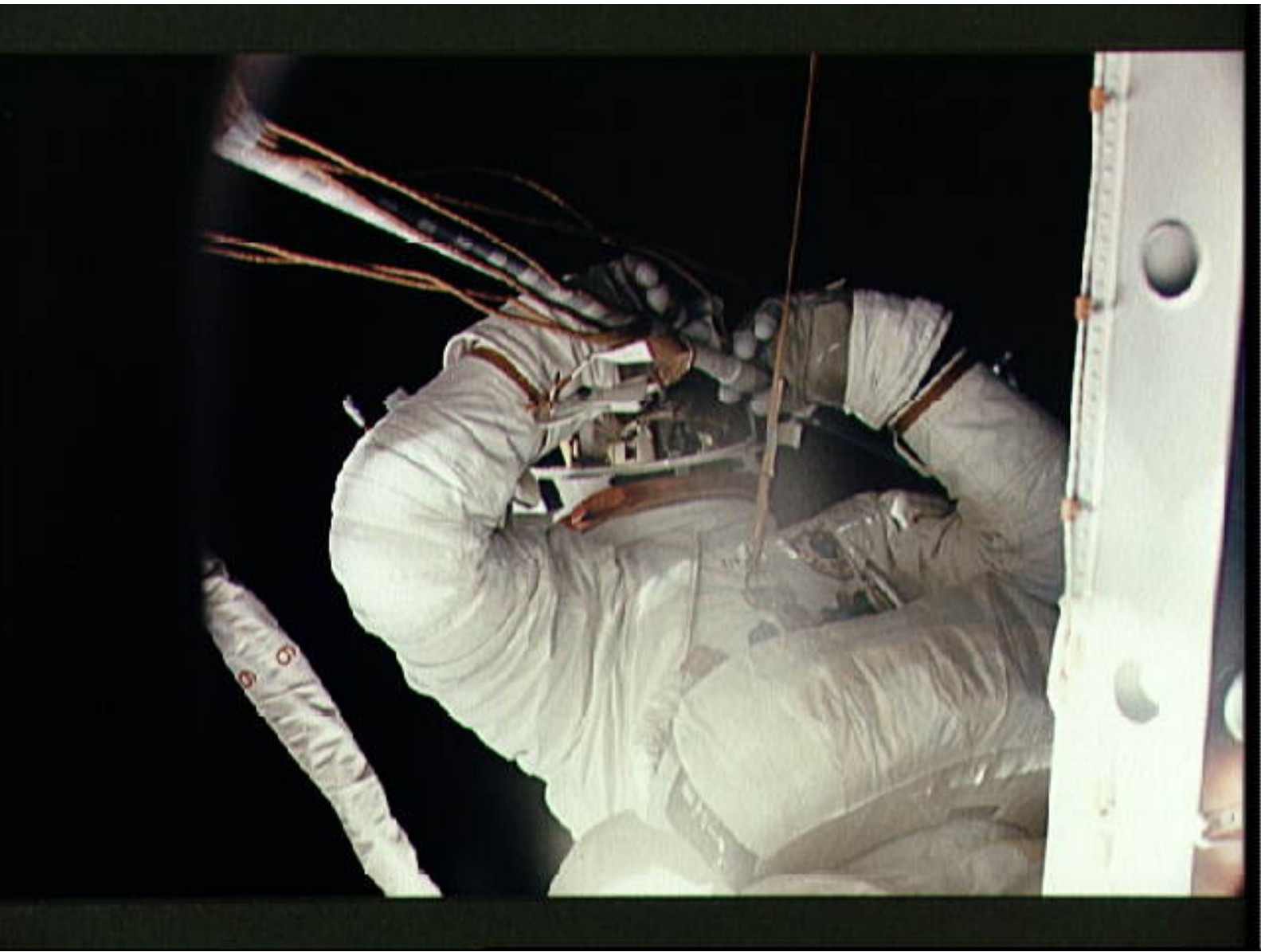
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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: SL2-100-798

File Name: 10076111.jpg

Film Type: 35mm

Date Taken: 06/22/73

Title: Skylab 2 Crewmember During EVA to Repair and Deploy Damaged Solar Panel

### Description:

Close up view of Skylab 2 Crewmember Joseph P. Kerwin clearing away the remnants (cables and tubing) from the missing solar array panel during an early mission tethered extravehicular activity (EVA) to repair the damaged and partially deployed solar array panel. Conrad's life support umbilical is seen cutting diagonally across the image next to Kerwin. After the successful EVA, the solar panel was fully deployed.

### Subject terms:

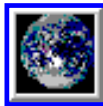
EARTH ORBITAL RENDEZVOUS  
EXTRAVEHICULAR ACTIVITY  
MANNED ORBITAL LABORATORIES  
ORBITAL WORKSHOPS  
SKYLAB 2  
SOLAR ARRAYS  
SPACE STATIONS



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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: SL2-100-799

File Name: 10076104.jpg

Film Type: 35mm

Date Taken: 07/01/73

Title: View of crewmen performing EVA taken from inside OWS

Description:

View of crewmen performing an extravehicular activity (EVA), probably to repair the covering. This view was taken from inside Orbital Workshop (OWS).

Subject terms:

ASTRONAUTS

EXTRAVEHICULAR ACTIVITY

LABORATORIES

SKYLAB PROGRAM

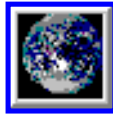
SPACECRAFT MODULES



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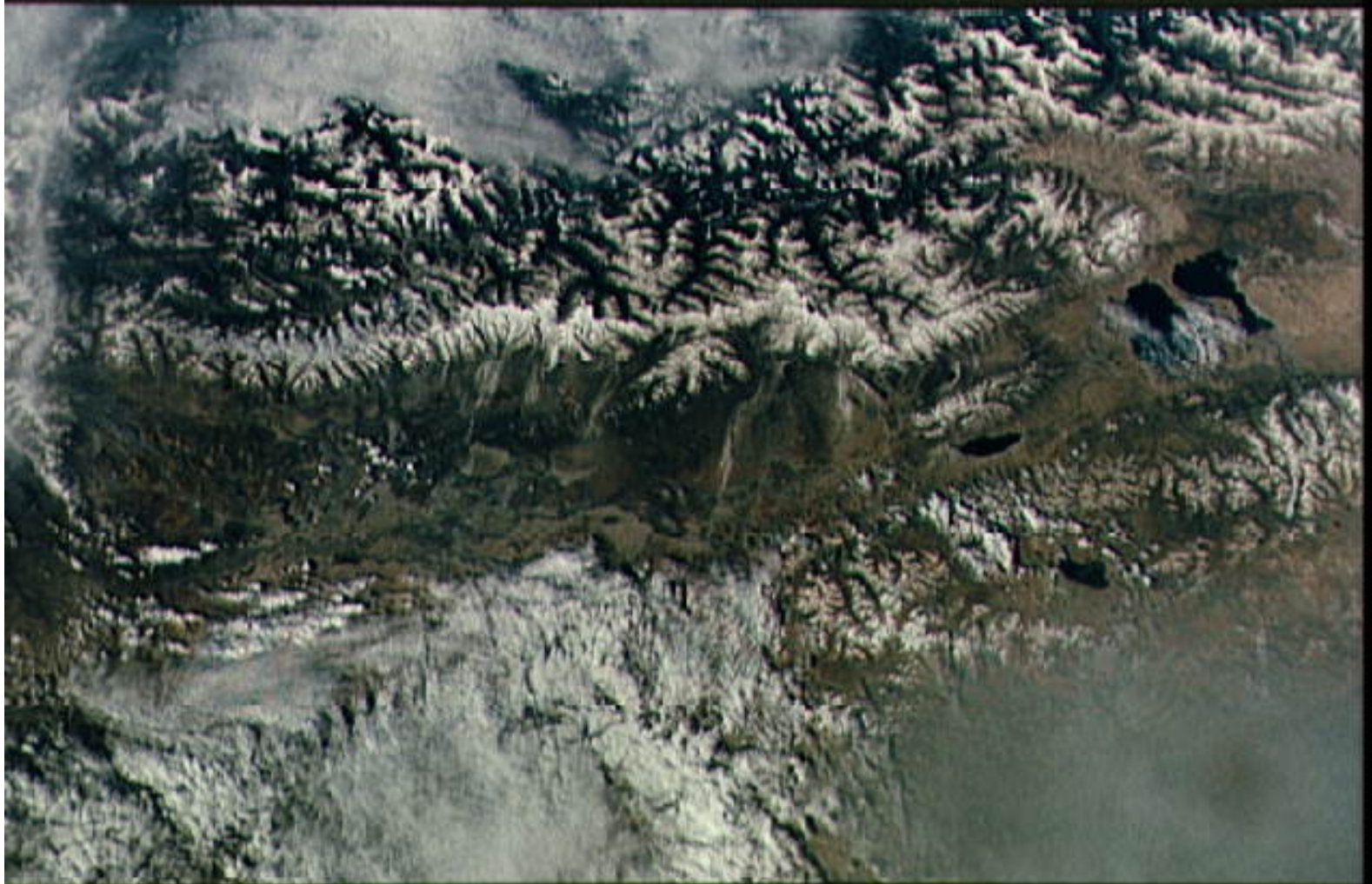
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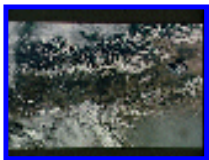
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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: SL2-102-900

File Name: 10076153.jpg

Film Type: 35mm

Date Taken: 06/22/73

Title: Himalayan Mountain Range, India/Tibet

Description:

The Great Himalayan Mountain Range, India/Tibet (30.5N, 81.5E) is literally the top of the world where mountains soar to over 20,000 ft. effectively isolating Tibet from the rest of the world. The two lakes seen in the center of the image are the Laga Co and the Kunggyu Co located just inside the Tibet border. Although clouds and rainfall are rare in this region, snow is always present on the mountain peaks.

Subject terms:

EARTH OBSERVATIONS (FROM SPACE)

INDIA

LAKES

MOUNTAINS

SKYLAB 2

SNOW

TIBET



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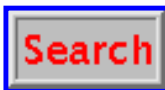


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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: SL2-103-967

File Name: 10076154.jpg

Film Type: 35mm

Date Taken: 06/22/73

Title: Lower New England, USA

Description:

This view of lower New England, (41.5N, 72.0W) shows a rare cloud-free area stretching from northern Long Island across the states of Connecticut, Rhode Island and Massachusetts. The total area covered by this photo is more than 25,000 square miles and includes all of Rhode Island, most of Massachusetts and Connecticut, part of New York and the coastal waters of the Atlantic Ocean. Cape Cod, Boston and the offshore islands are distinctive features.

Subject terms:

ATLANTIC OCEAN

BAYS

CAPE (LANDFORMS)

CITIES

EARTH OBSERVATIONS (FROM SPACE)

ISLANDS

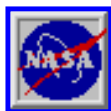
MOUNTAINS

OCEANS

PENINSULAS

RIVERS

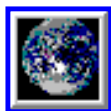
SKYLAB 2



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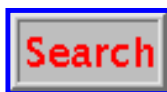


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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: SL2-106-1194

File Name: 10076155.jpg

Film Type: 35mm

Date Taken: 06/22/73

Title: Cape Canaveral, Kennedy Space Center, Florida

Description:

This overhead view of the central eastern shore of Florida shows the Cape Canaveral and Kennedy Space Center (28.5N, 80.5W), where all of the NASA manned space missions originate. Sprinkled along the jutting cape are a number of KSC launch pads from the earlier Mercury, Gemini Apollo and Skylab series of space flights. Merritt Island, just south of Kennedy Space Center, is where the spacecraft liftoff tracking station is located.

Subject terms:

CAPE KENNEDY LAUNCH COMPLEX

EARTH OBSERVATIONS (FROM SPACE)

FLORIDA

OCEANS

PENINSULAS

RIVERS

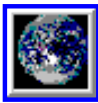
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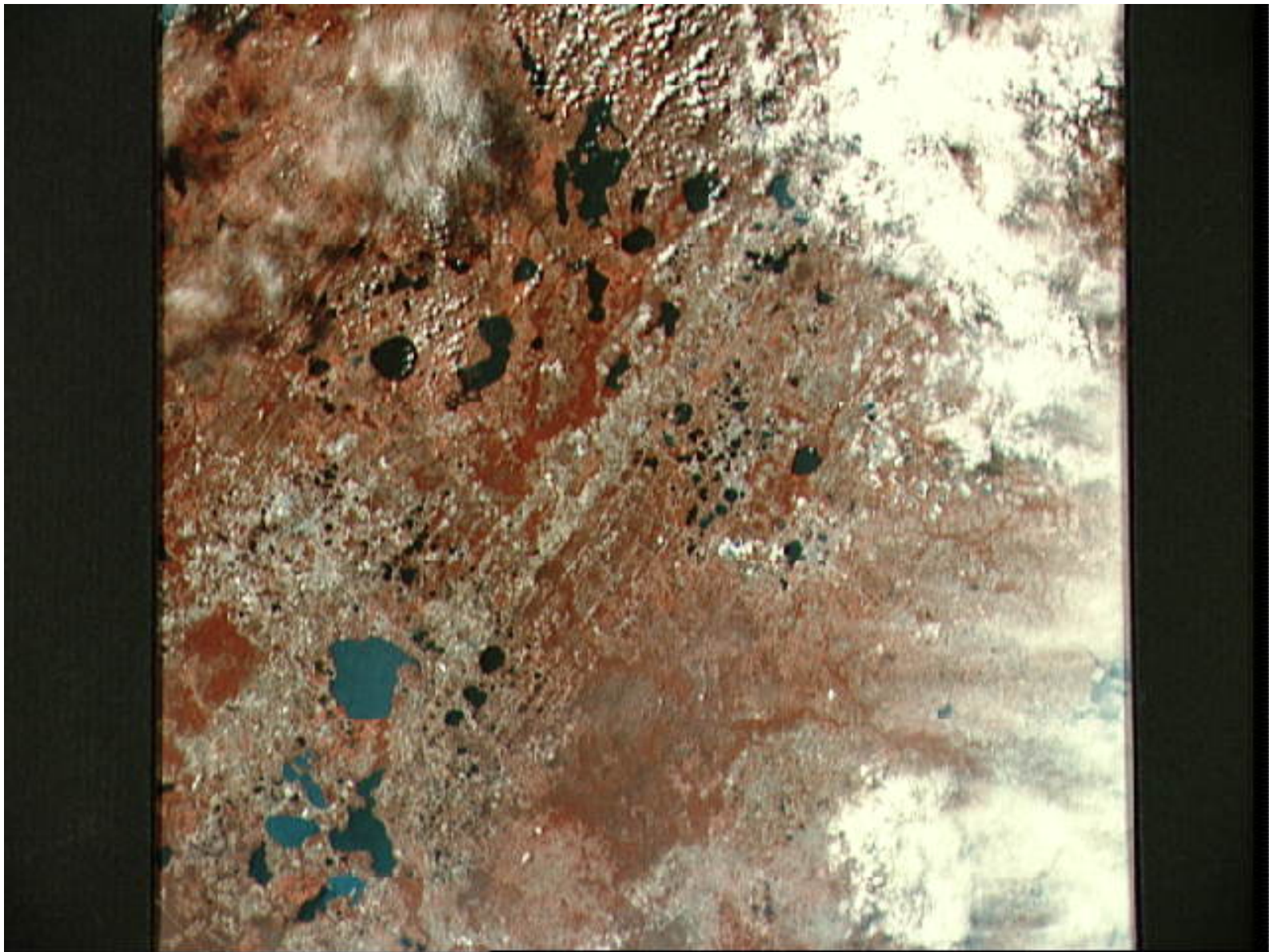
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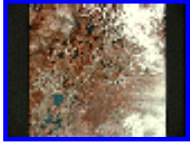
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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: SL2-15-281

File Name: 10076151.jpg

Film Type: 70mm

Date Taken: 06/22/73

Title: Orlando, FL, USA

Description:

This color infrared photo of the Orlando, FL area (28.5N,81.5W) shows the extensive citrus tree orchards as neat bright red field patterns. The extensive road and highway network in the central Florida region is clearly visible. Also, the recent urban growth caused by the opening of the Disney World amusement complex just southwest of Orlando is clearly evident. This view spans the width of the state from Tampa Bay to the Atlantic coast.

Subject terms:

AGRICULTURE

CITIES

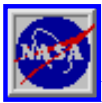
CITRUS TREES

EARTH OBSERVATIONS (FROM SPACE)

LAKES

ORCHARDS

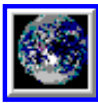
SKYLAB 2



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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: SL2-16-174

File Name: 10076152.jpg

Film Type: 70mm

Date Taken: 06/22/73

Title: Lower Chesapeake Bay, VA, USA

Description:

Norfolk and the lower Chesapeake Bay, VA (37.5N, 75.5W) at the interface of the Atlantic Ocean can be seen to be a mixture of complex currents. Outgoing tides from the bay generate considerable turbulence as they encounter coastal currents and can be observed by the sediment plumes stirred up as a result of current dynamics. Smooth flowing water has less sediment and appears darker. Turbulent water has lots of sediment and appears lighter in color.

Subject terms:

ATLANTIC OCEAN

BAYS

CITIES

COASTAL CURRENTS

EARTH OBSERVATIONS (FROM SPACE)

INTERNAL WAVES

OCEAN CURRENTS

OCEANS

PENINSULAS

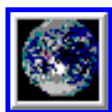
SKYLAB 2



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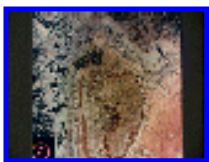
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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: SL2-81-014

File Name: 10076158.jpg

Film Type: 4x5

Date Taken: 06/22/73

Title: Canyonlands National Park, UT, USA

Description:

Desert and mountain scenery along the Utah/Colorado border are displayed in this scene of the Canyonlands National Park, UT (39.0N, 110.0W). The park occupies the near center of the image, displaying spectacular incised meanders and the bulls-eye structure of Upheaval Dome (a salt dome). The Green River and the Colorado River flow southward to join (off scene) before flowing through the Grand Canyon National Park.

Subject terms:

CANYONS

DESERTS

EARTH OBSERVATIONS (FROM SPACE)

MOUNTAINS

NATIONAL PARKS

RIVERS

SKYLAB 2

UTAH



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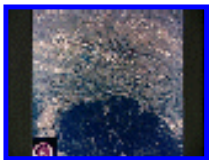
Mail Code AP4

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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: SL2-81-157

File Name: 10076159.jpg

Film Type: 4x5

Date Taken: 06/22/73

Title: Black Hills Region, SD, USA

Description:

This view of the Black Hills Region, SD (44.0N, 104.0W) shows the scenic Black Hills where Mt. Rushmore and other monuments are located. Cities and towns in this view include: Rapid City, Deadwood, and Belle Fourche with the nearby Belle Fourche Reservoir. Notable in this scene are the recovering burn scars (seen as irregular shaped light toned patches) from a 1959 forest fire in the Black Hills National Forest near the edge of the photo.

Subject terms:

AGRICULTURE

BLACK HILLS (SD,WY)

CITIES

EARTH OBSERVATIONS (FROM SPACE)

LAKES

MOUNTAINS

SKYLAB 2



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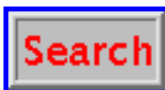


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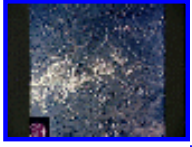
Mail Code AP4

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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: SL2-81-162

File Name: 10076162.jpg

Film Type: 4x5

Date Taken: 06/22/73

Title: Western Great Plains, Badlands, SD, USA

### Description:

The most striking feature of this scene of the western Great Plains and the Badlands of SD (43.5N, 101.0W) is the rugged topography of the landscape. Over eons of time, the White River has carved out a badlands topography of steep gullies, irregular winding ridges and isolated buttes. The barren wasteland of badlands light toned rock surfaces contrast sharply with the adjacent vegetated landscape of native grasslands and cultivated fields.

### Subject terms:

AGRICULTURE

BADLANDS

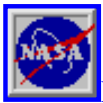
BLACK HILLS (SD, WY)

EARTH OBSERVATIONS (FROM SPACE)

NATIONAL PARKS

RIVERS

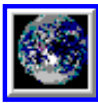
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Houston, TX 77058

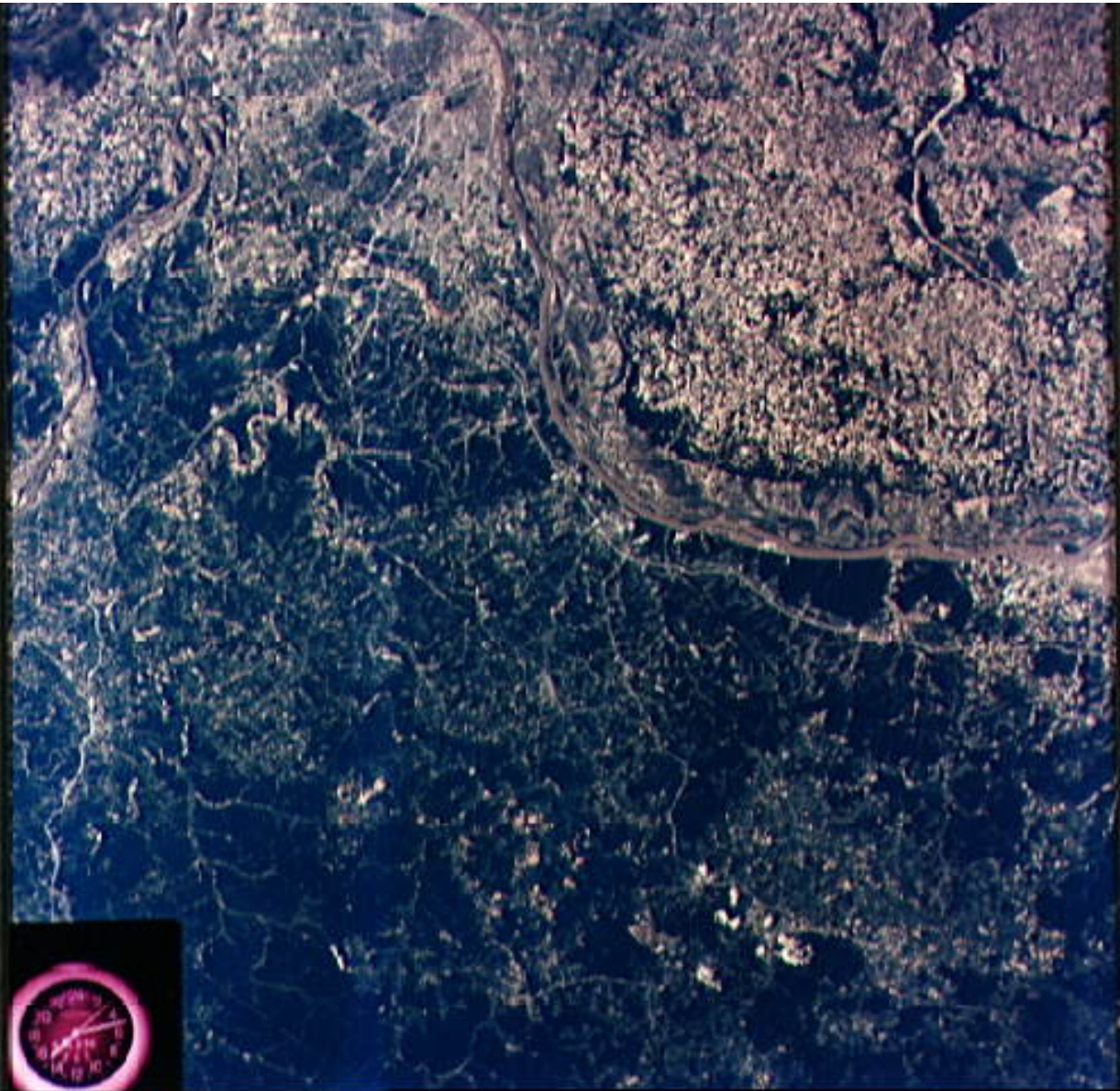
Fax: (281) 483-2848

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NASA Technical Monitor: [Scott Norr](#)

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Last Updated: February 23, 2000





# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: SL2-81-189

File Name: 10076160.jpg

Film Type: 4x5

Date Taken: 06/22/73

Title: Mississippi River and St. Louis, MO

### Description:

The well defined meanderings of the Mississippi River, just to the south of St. Louis, MO (38.5N, 90.5W) can easily be seen as curved lines and loops roughly paralleling the present river in this view showing the former water channels. The vegetated bluffs on either side of the river define the limits of the meanders where the rich river flood plain offers some of the most fertile land for agriculture although flooding remains a constant threat.

### Subject terms:

AGRICULTURE

CITIES

EARTH OBSERVATIONS (FROM SPACE)

FLOOD PLAINS

FORESTS

RIVERS

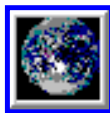
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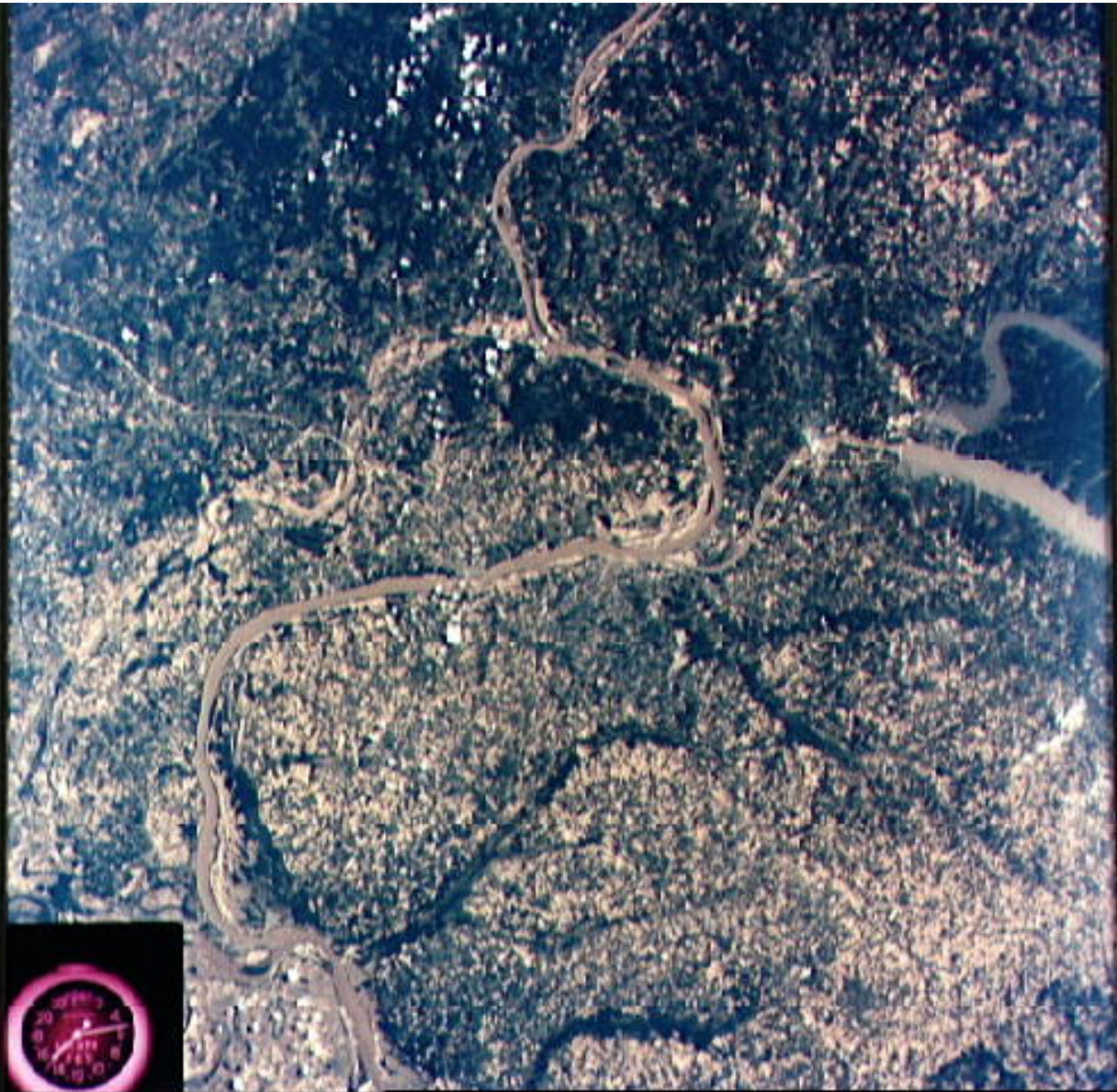
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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: SL2-81-194

File Name: 10076161.jpg

Film Type: 4x5

Date Taken: 06/22/73

Title: Southern Illinois and Western Kentucky, USA

### Description:

This view of southern Illinois and Western Kentucky (37.0N, 88.5W), with the winding Ohio River in between also illustrates the rich agriculture potential of the flood plains in the river bottom lands. To the east are the waters of Lake Kentucky and Lake Barkley which flow into the Ohio at Paducah, KY and may be seen stretching for several miles. Except for the Land Between the Lakes State Park, Extensive agriculture may be seen throughout the area.

### Subject terms:

AGRICULTURE

CITIES

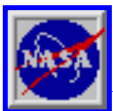
EARTH OBSERVATIONS (FROM SPACE)

FLOOD PLAINS

FORESTS

RIVERS

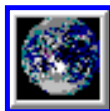
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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: SL2-81-198

File Name: 10076163.jpg

Film Type: 4x5

Date Taken: 06/22/73

Title: Cumberland River and Nashville, TN, USA

### Description:

Making its way through the rugged Cumberland Plateau, the Cumberland River winds through the city of Nashville in north central Tennessee (36.0N, 87.0W) where the heavily forested upland terrain produces a landscape of rolling hills with elevations up to 1,100 ft. and narrow valleys. Before the advent of modern communications and transportation in this region, widely scattered and isolated communities had little contact with the outside world.

### Subject terms:

AGRICULTURE

CITIES

EARTH OBSERVATIONS (FROM SPACE)

FORESTS

LAKES

RESERVOIRS

RIVERS

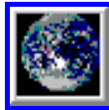
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# JSC Digital Image Collection

## Press Release Images

### SL3

NASA Photo ID:

Title:

S71-51299	<a href="#">image</a>	<a href="#">text</a>	Portrait of Scientist-Astronaut Owen K. Garriott
S71-51300	<a href="#">image</a>	<a href="#">text</a>	Portrait of Astronaut Alan L. Bean
S71-52262	<a href="#">image</a>	<a href="#">text</a>	Portrait of Astronaut Jack R. Lousma
S72-30704	<a href="#">image</a>	<a href="#">text</a>	Astronaut Bruce McCandless tests astronaut maneuvering unit
S72-39256	<a href="#">image</a>	<a href="#">text</a>	Astronaut Alan Bean looks over data acquisition camera on Skylab trainer
S72-46699	<a href="#">image</a>	<a href="#">text</a>	Skylab 3 crewmen during press conference
S72-51123	<a href="#">image</a>	<a href="#">text</a>	Emblem for the second manned Skylab mission, Skylab 3
S73-26127	<a href="#">image</a>	<a href="#">text</a>	Artist's concept of deployment of twin pole thermal shield on Skylab
S73-26128	<a href="#">image</a>	<a href="#">text</a>	Artist's concept of deployment of twin pole thermal shield on Skylab
S73-27770	<a href="#">image</a>	<a href="#">text</a>	Astronaut Jack Lousma at table with crew and flight surgeon before training
S73-27787	<a href="#">image</a>	<a href="#">text</a>	Skylab 3 prime crew participate in water egress simulations at JSC
S73-28419	<a href="#">image</a>	<a href="#">text</a>	Skylab 3 crew during training in Orbital Workshop trainer
S73-28420	<a href="#">image</a>	<a href="#">text</a>	Skylab 3 crew during training in Orbital Workshop trainer
S73-28423	<a href="#">image</a>	<a href="#">text</a>	Astronaut Jack Lousma with part of Inflight Medical Support System

S73-28714	<a href="#">image</a>	<a href="#">text</a>	Skylab 3 crew in the One-G trainer Multiple Docking Adapter
S73-28793	<a href="#">image</a>	<a href="#">text</a>	Skylab 3 crewmen go over checklist in crew quarters of OWS trainer
S73-30110	<a href="#">image</a>	<a href="#">text</a>	Skylab 3 crew during press conference
S73-30113	<a href="#">image</a>	<a href="#">text</a>	Astronaut Alan Bean during news conference prior to Skylab 3 mission
S73-30856	<a href="#">image</a>	<a href="#">text</a>	Personnel observe minnows to be sent aboard Skylab 3
S73-31322	<a href="#">image</a>	<a href="#">text</a>	Skylab 3 crewmen practice EVA procedures
S73-31323	<a href="#">image</a>	<a href="#">text</a>	Skylab 3 crewmen practice EVA procedures
S73-31570	<a href="#">image</a>	<a href="#">text</a>	View of Mission Control during Skylab 3 flyaround
S73-31697	<a href="#">image</a>	<a href="#">text</a>	Ground-level view of Skylab 3 vehicle during prelaunch preparations
S73-31705	<a href="#">image</a>	<a href="#">text</a>	Skylab 3 crewmen shown eating in Orbital Workshop wardroom
S73-31800	<a href="#">image</a>	<a href="#">text</a>	Skylab 3 crewmen participate in prelaunch suiting up activities
S73-31801	<a href="#">image</a>	<a href="#">text</a>	Skylab 3 crewmen leave Manned Spacecraft Operations bldg at KSC
S73-31875	<a href="#">image</a>	<a href="#">text</a>	NASA officials in the MOCR monitor problem in Skylab 3 Command Module
S73-31964	<a href="#">image</a>	<a href="#">text</a>	Flight controllers in Mission Control discuss upcoming EVA by Skylab 3 crew
S73-31973	<a href="#">image</a>	<a href="#">text</a>	Astronaut Owen Garriott at the Apollo Telescope Mount control/display console
S73-31976	<a href="#">image</a>	<a href="#">text</a>	Astronaut Jack Lousma seen outside Skylab space station during EVA
S73-31980	<a href="#">image</a>	<a href="#">text</a>	Astronaut Jack Lousma seen outside Skylab space station during EVA
S73-32113	<a href="#">image</a>	<a href="#">text</a>	Astronaut Owen Garriott as test subject for Human Vestibular Function exp.

S73-32499	<a href="#">image</a>	<a href="#">text</a>	Dr. Ray Gause examines student Skylab experiment ED-52 Web Formation
S73-32568	<a href="#">image</a>	<a href="#">text</a>	Floodlights illuminate view of Skylab 3 vehicle at Pad B, Launch Complex 39
S73-32570	<a href="#">image</a>	<a href="#">text</a>	Launch of Skylab 3/Saturn 1B space vehicle
S73-32867	<a href="#">image</a>	<a href="#">text</a>	Solar sphere viewed through the Skylab solar physics experiment
S73-32883	<a href="#">image</a>	<a href="#">text</a>	View of coronal hole processed from television transmission of ATM
S73-33161	<a href="#">image</a>	<a href="#">text</a>	Astronaut Jack Lousma hooks up cable for rate gyro six pack during EVA
S73-34171	<a href="#">image</a>	<a href="#">text</a>	Astronaut Owen Garriott as test subject for Human Vestibular Function exp.
S73-34172	<a href="#">image</a>	<a href="#">text</a>	Astronaut Owen Garriott watches drink container spin in zero gravity
S73-34180	<a href="#">image</a>	<a href="#">text</a>	Astronaut Jack Lousma in Lower Body Negative Pressure Device
S73-34181	<a href="#">image</a>	<a href="#">text</a>	Astronaut Jack Lousma works at Multispectral camera experiment
S73-34193	<a href="#">image</a>	<a href="#">text</a>	Astronaut Jack Lousma looks at map of Earth in ward room of Skylab cluster
S73-34198	<a href="#">image</a>	<a href="#">text</a>	View of Jack Lousma's hands using silverware to gather food at food station
S73-34206	<a href="#">image</a>	<a href="#">text</a>	View of Arabella, one of the two Skylab 3 spiders used in experiment
S73-34207	<a href="#">image</a>	<a href="#">text</a>	Astronaut Alan Bean flies the Astronaut Maneuvering Equipment in the OWS
S73-34339	<a href="#">image</a>	<a href="#">text</a>	Skylab 3 crewmen during press conference while in Earth's orbit
S73-34456	<a href="#">image</a>	<a href="#">text</a>	Personnel in Mission Control examine replica of spider habitat from Skylab 3
S73-34553	<a href="#">image</a>	<a href="#">text</a>	View of Mission Control Center during Skylab 3 recovery



S73-34615	<a href="#">image</a>	<a href="#">text</a>	Skylab 3 crewmembers greeted on return to Ellington Air Force Base
S73-34619	<a href="#">image</a>	<a href="#">text</a>	Four frame composite showing overhead view of Skylab space station cluster
S73-34857	<a href="#">image</a>	<a href="#">text</a>	Mosaic view of Main island of Hawaii made from Skylab 3 views
S73-35078	<a href="#">image</a>	<a href="#">text</a>	View of Phoenix, Arizona metropolitan area
S73-35079	<a href="#">image</a>	<a href="#">text</a>	View of the Caribbean coast of Venezuela
S73-35080	<a href="#">image</a>	<a href="#">text</a>	View of northeast Oklahoma and metropolitan Tulsa area
S73-35081	<a href="#">image</a>	<a href="#">text</a>	View of north central Wyoming and southern Montana
S73-35082	<a href="#">image</a>	<a href="#">text</a>	View of east Africa ravaged by drought
S73-35083	<a href="#">image</a>	<a href="#">text</a>	View of Mediterranean coast of France
S73-36401	<a href="#">image</a>	<a href="#">text</a>	Navy swimmers assist with recovery of Skylab 3 Command Module
S73-36423	<a href="#">image</a>	<a href="#">text</a>	Skylab 3 Command Module is hoisted aboard prime recovery ship
S73-36435	<a href="#">image</a>	<a href="#">text</a>	Astronaut Jack Lousma egresses Skylab 3 Command Module
S73-36451	<a href="#">image</a>	<a href="#">text</a>	Skylab 3 crewmen aboard prime recovery ship, U.S.S. New Orleans
S74-15583	<a href="#">image</a>	<a href="#">text</a>	ATM photo of the sun taken form S082 experiment
S74-19677	<a href="#">image</a>	<a href="#">text</a>	View of space grown semiconductor crystals grown as Skylab 4 experiment
SL3-107-1215	<a href="#">image</a>	<a href="#">text</a>	Astronaut Alan Bean flies the Astronaut Maneuvering Equipment
SL3-108-1268	<a href="#">image</a>	<a href="#">text</a>	Astronaut Alan Bean flies the Astronaut Maneuvering Equipment
SL3-108-1278	<a href="#">image</a>	<a href="#">text</a>	Astronaut Owen Garriott lies in Lower Body Negative Pressure Device
SL3-108-1279	<a href="#">image</a>	<a href="#">text</a>	Astronaut Owen Garriott lies in Lower Body Negative

## Pressure Device

SL3-108-1288	<a href="#">image</a>	<a href="#">text</a>	Astronaut Owen Garriott at the Apollo Telescope Mount console
SL3-108-1292	<a href="#">image</a>	<a href="#">text</a>	Astronaut Owen Garriott trims hair of Astronaut Alan Bean
SL3-108-1295	<a href="#">image</a>	<a href="#">text</a>	Astronaut Jack Lousma taking hot bath
SL3-108-1304	<a href="#">image</a>	<a href="#">text</a>	Astronaut Alan Bean flies the Astronaut Maneuvering Equipment
SL3-108-1307	<a href="#">image</a>	<a href="#">text</a>	View of Arabella, one of two Skylab spiders and her web
SL3-109-1345	<a href="#">image</a>	<a href="#">text</a>	View of Astronaut Owen Garriott taking video of two Skylab spiders experiment
SL3-110-1430	<a href="#">image</a>	<a href="#">text</a>	View inside personal hygiene locker of Skylab 3 astronauts
SL3-111-1505	<a href="#">image</a>	<a href="#">text</a>	View of Astronaut Owen Garriott in sleep restraints
SL3-111-1514	<a href="#">image</a>	<a href="#">text</a>	Astronaut Alan Bean reads data from book while holding teleprinter tape
SL3-111-1516	<a href="#">image</a>	<a href="#">text</a>	Astronaut Alan Bean shaves while aboard Skylab
SL3-111-1519	<a href="#">image</a>	<a href="#">text</a>	Astronaut Owen Garriott reconstitutes pre-packaged container of food
SL3-112-1527	<a href="#">image</a>	<a href="#">text</a>	View of Astronaut Alan Bean in sleep compartment, reading a book
SL3-113-1586	<a href="#">image</a>	<a href="#">text</a>	Dummy left behind by Skylab 3 crew for the Skylab 4 crew
SL3-113-1587	<a href="#">image</a>	<a href="#">text</a>	Dummy left behind by Skylab 3 crew for the Skylab 4 crew
SL3-114-1625	<a href="#">image</a>	<a href="#">text</a>	View of the expended S-IVB second stage of Skylab 3 space vehicle
SL3-114-1660	<a href="#">image</a>	<a href="#">text</a>	View of the Skylab space station cluster photographed against black sky
SL3-114-1682	<a href="#">image</a>	<a href="#">text</a>	View of the Skylab space station cluster photographed against black sky

SL3-114-1683	<a href="#">image</a>	<a href="#">text</a>	View of the Skylab space station cluster photographed against black sky
SL3-114-1760	<a href="#">image</a>	<a href="#">text</a>	View of the parachutes of Skylab 3 command module during splashdown
SL3-115-1833	<a href="#">image</a>	<a href="#">text</a>	Astronaut Jack Lousma participates in EVA to deploy twin pole solar shield
SL3-115-1837	<a href="#">image</a>	<a href="#">text</a>	Astronaut Owen Garriott participates in EVA to deploy twin pole solar shield
SL3-117-2099	<a href="#">image</a>	<a href="#">text</a>	Astronaut Jack Lousma participates in EVA to deploy twin pole solar shield
SL3-117-2109	<a href="#">image</a>	<a href="#">text</a>	Astronaut Owen Garriott participates in EVA to deploy twin pole solar shield
SL3-118-2182	<a href="#">image</a>	<a href="#">text</a>	Skylab Astronaut participates in EVA to deploy twin pole solar shield
SL3-121-2371	<a href="#">image</a>	<a href="#">text</a>	Pattern of downstream eddies in stratocumulus clouds over Pacific Ocean
SL3-121-2438	<a href="#">image</a>	<a href="#">text</a>	Snow covered Alps of France, Italy, and Switzerland
SL3-121-2445	<a href="#">image</a>	<a href="#">text</a>	View of a portion of Great Britain looking northeastward
SL3-122-2562	<a href="#">image</a>	<a href="#">text</a>	Border area of Turkey-Iran Union of Soviet Socialist Republic
SL3-122-2587	<a href="#">image</a>	<a href="#">text</a>	Hurricane Ellen over the Atlantic Ocean taken by Skylab 3 crewmen
SL3-122-2611	<a href="#">image</a>	<a href="#">text</a>	Astronaut Jack Lousma participates in EVA to deploy twin pole solar shield
SL3-123-2635	<a href="#">image</a>	<a href="#">text</a>	Astronaut Alan Bean doing acrobatics in OWS dome area
SL3-123-2637	<a href="#">image</a>	<a href="#">text</a>	Astronaut Jack Lousma doing acrobatics in OWS dome area
SL3-130-3130	<a href="#">image</a>	<a href="#">text</a>	View of the southern aurora, luminous bands or streamers of light
SL3-130-3131	<a href="#">image</a>	<a href="#">text</a>	View of the southern aurora, luminous bands or streamers of light


SL3-133-3263	<a href="#">image</a>	<a href="#">text</a>	Six minute exposure of stars taken through airlock on Skylab
SL3-135P-3371	<a href="#">image</a>	<a href="#">text</a>	Sun's image in the extreme ultraviolet radiation emitted from the corona
SL3-22-214	<a href="#">image</a>	<a href="#">text</a>	View of southeastern Washington State
SL3-22-322	<a href="#">image</a>	<a href="#">text</a>	View of the Salt Lake City, Utah area
SL3-27-180	<a href="#">image</a>	<a href="#">text</a>	View of Snowy Mountains area of Australian Alps as photographed from Skylab
SL3-27-224	<a href="#">image</a>	<a href="#">text</a>	View of western portion of the Republic of Panama on Isthmus of Panama
SL3-28-009	<a href="#">image</a>	<a href="#">text</a>	View of Minneapolis-St.Paul, Minnesota area
SL3-28-059	<a href="#">image</a>	<a href="#">text</a>	View of Lake Mead and Las Vegas, Nevada area from Sklyab
SL3-33-156	<a href="#">image</a>	<a href="#">text</a>	View of Florence, Italy area from Skylab
SL3-33-167	<a href="#">image</a>	<a href="#">text</a>	View of Argentina-Paraguay border area of South America
SL3-34-302	<a href="#">image</a>	<a href="#">text</a>	View of Lake Michigan coastal area of northern Michigan
SL3-40-077	<a href="#">image</a>	<a href="#">text</a>	View of Mediterranean coastal area of southeastern France
SL3-45-020	<a href="#">image</a>	<a href="#">text</a>	View of Virginia, Tennessee, Kentucky border area
SL3-83-152	<a href="#">image</a>	<a href="#">text</a>	Detroit, Michigan metropolitan area photographed from Skylab
SL3-83-166	<a href="#">image</a>	<a href="#">text</a>	Washington, D.C. and the Baltimore, Maryland area
SL3-84-202	<a href="#">image</a>	<a href="#">text</a>	View of Montevideo, Uruguay area of South America
SL3-86-272	<a href="#">image</a>	<a href="#">text</a>	View of northeastern Italy including Venice
SL3-87-262	<a href="#">image</a>	<a href="#">text</a>	View of Baton Rouge, Louisiana area seen from Skylab
SL3-87-299	<a href="#">image</a>	<a href="#">text</a>	View of southeastern New York State
SL3-87-305	<a href="#">image</a>	<a href="#">text</a>	North looking view of portion of Massachusetts and New Hampshire
SL3-87-355	<a href="#">image</a>	<a href="#">text</a>	View of eastern coast of Sicily area

SL3-88-004 [image](#) [text](#) View of the Salinas River Valley area south of Monterey Bay, California

SL3-88-053 [image](#) [text](#) View of Tennessee, Virginia, Kentucky border area

SL3-88-222 [image](#) [text](#) Metropolitan area of Chicago

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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S71-51299

File Name: 10076178.jpg

Film Type: 4x5

Date Taken: 12/01/71

Title: Portrait of Scientist-Astronaut Owen K. Garriott

Description:

Portrait of Scientist-Astronaut Owen K. Garriott, in space suit, holding his helmet.

Subject terms:

ASTRONAUTS

PORTRAIT



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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S71-51300

File Name: 10076177.jpg

Film Type: 4x5

Date Taken: 09/21/71

Title: Portrait of Astronaut Alan L. Bean

Description:

Portrait of Astronaut Alan L. Bean in civilian clothes.

Subject terms:

ASTRONAUTS

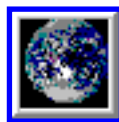
PORTRAIT



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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S71-52262

File Name: 10076179.jpg

Film Type: 4x5

Date Taken: 12/01/71

Title: Portrait of Astronaut Jack R. Lousma

Description:

Portrait of Astronaut Jack R. Lousma, in space suit, holding a model of the Skylab.

Subject terms:

ASTRONAUTS

PORTRAIT



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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S72-30704

File Name: 10076195.jpg

Film Type: 4x5

Date Taken: 08/16/73

Title: Astronaut Bruce McCandless tests astronaut maneuvering unit

Description:

Astronaut Bruce McCandless II, backup pilot for Skylab 2, tests the balance and control of an astronaut maneuvering unit (AMU) test model at Martin Marietta Corporation's Denver division. The jet-powered backpack can fly for 30 minutes and can be worn over normal clothing or space suit.

Subject terms:

ASTRONAUTS

COLORADO

CONTRACTORS

MANNED MANEUVERING UNITS

PROTOTYPES

SKYLAB PROGRAM

TESTING



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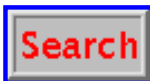


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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S72-39256

File Name: 10076181.jpg

Film Type: 70mm

Date Taken: 09/01/72

Title: Astronaut Alan Bean looks over data acquisition camera on Skylab trainer

Description:

Astronaut Alan L. Bean, commander for Skylab 3, the second manned Skylab mission, looks over the data acquisition camera mounted on the water tank in the upper level of the Orbital Workshop (OWS) one-G trainer at the Manned Spacecraft Center (MSC).

Subject terms:

ASTRONAUT TRAINING

CAMERAS

DATA ACQUISITION

FACILITIES

JOHNSON SPACE CENTER

MOCK-UP

SIMULATORS

SKYLAB 3

SKYLAB PROGRAM

TEXAS

TRAINING DEVICES



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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S72-46699

File Name: 10076182.jpg

Film Type: 35mm BW

Date Taken: 12/01/72

Title: Skylab 3 crewmen during press conference

Description:

These three men are the prime crewmen for the U.S. second manned Skylab mission (Skylab 3). Fielding questions from newsmen at a press conference are: (from the right to left) Astronaut Alan L. Bean, commander; Scientist-Astronaut Owen K. Garriott, science pilot; and Astronaut Jack R. Lousma, pilot.

Subject terms:

ASTRONAUTS

CONFERENCES

NEWS MEDIA

PORTRAIT

SKYLAB 3

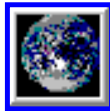
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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S72-51123

File Name: 10076176.jpg

Film Type: 4x5

Date Taken: 02/01/73

Title: Emblem for the second manned Skylab mission, Skylab 3

### Description:

This is the emblem for the second manned Skylab mission. It will be a mission of up to 56 days. The patch symbolizes the main objectives of the flight. The central figure, adapted from one by Leonardo da Vinci, illustrates the proportions of the human form and suggests the many studies of man himself to be conducted in the zero-gravity environment of space. This drawing is superimposed on two hemispheres representing the two additional main areas of research - studies of the Sun and the development of techniques for survey of the Earth's resources. The left hemisphere show the Sun as it will be seen in the red light radiated by hydrogen atoms in the solar atmosphere. The right hemisphere is intended to suggest the studies of Earth resources to be conducted on Skylab. Although the patch denotes this mission as Skylab II, it is actually considered to be the Skylab III mission.

### Subject terms:

INSIGNIAS

LOGO

SKYLAB 3

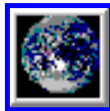
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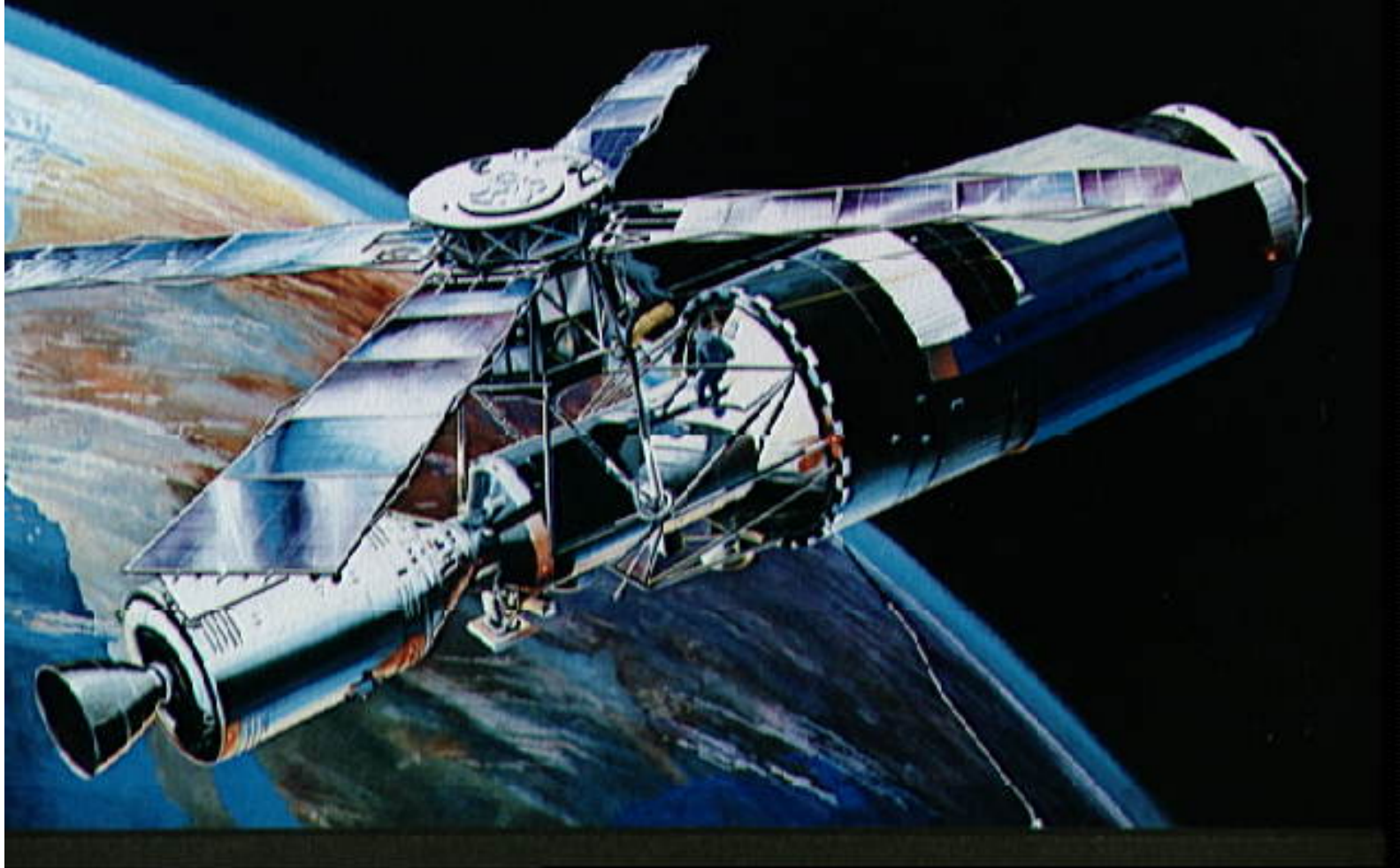
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**SKYLAB**  
**CONCEPT TWO**  
**TWIN POLE THERMAL SHIELD**



# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S73-26127

File Name: 10076212.jpg

Film Type: 4x5

Date Taken: 05/18/73

Title: Artist's concept of deployment of twin pole thermal shield on Skylab

Description:

An artist's concept of the Skylab space station cluster in Earth orbit illustrating the deployment of the twin pole thermal shield to shade the Orbital Workshop (OWS) from the Sun. This is one of the sunshade possibilities considered to solve the problem of the overheated OWS. Here the two Skylab 2 astronauts have completely deployed the sunshade. Note the evidence of another Skylab problem - the solar panels on the OWS are not deployed as required (26127); In this view the Skylab astronauts have partially deployed the sunshade (26128).

Subject terms:

DEPLOYMENT

GRAPHIC ARTS

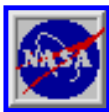
ORBITAL SPACE STATIONS

SHIELDING

SKYLAB PROGRAM

SOLAR ENERGY

VISUAL AIDS



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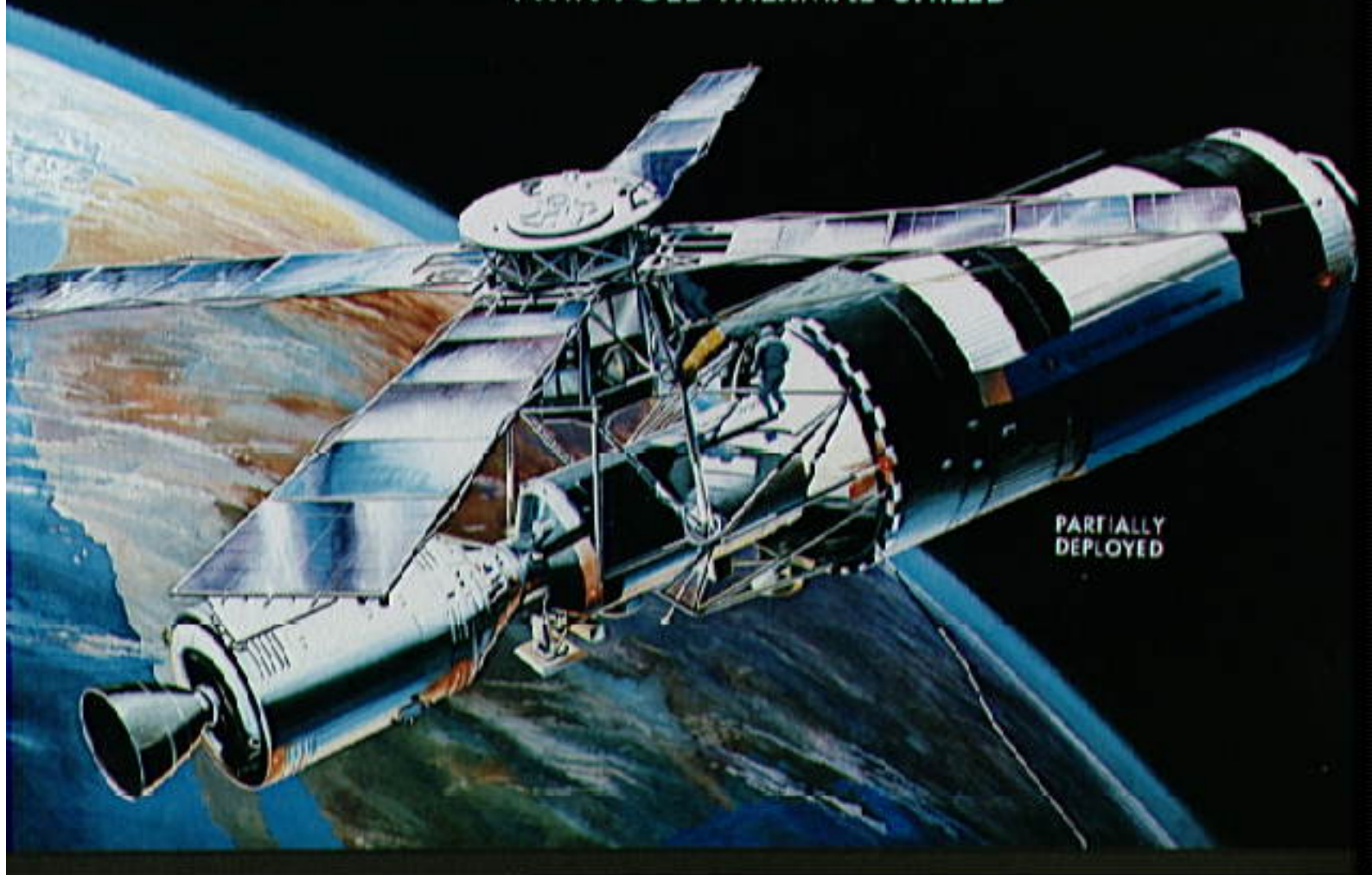
External Affairs Branch

Mail Code AP4

# SKYLAB

## CONCEPT TWO

### TWIN POLE THERMAL SHIELD



PARTIALLY  
DEPLOYED

# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S73-26128

File Name: 10076211.jpg

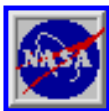
Film Type: 4x5

Date Taken: 05/18/73

Title: Artist's concept of deployment of twin pole thermal shield on Skylab  
Description:

An artist's concept of the Skylab space station cluster in Earth orbit illustrating the deployment of the twin pole thermal shield to shade the Orbital Workshop (OWS) from the Sun. This is one of the sunshade possibilities considered to solve the problem of the overheated OWS. Here the two Skylab 2 astronauts have completely deployed the sunshade. Note the evidence of another Skylab problem - the solar panels on the OWS are not deployed as required (26127); In this view the Skylab astronauts have partially deployed the sunshade (26128).

Subject terms:



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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S73-27770

File Name: 10076183.jpg

Film Type: 35mm

Date Taken: 05/01/73

Title: Astronaut Jack Lousma at table with crew and flight surgeon before training  
Description:

Astronaut Jack R. Lousma, Skylab 3 pilot, sits at a table with fellow crewmen and the flight surgeon prior to water egress training at the Johnson Space Center, Houston.

Subject terms:

ASTRONAUT TRAINING

ASTRONAUTS

CONFERENCES

INSTRUCTIONS

JOHNSON SPACE CENTER

PORTRAIT

SKYLAB 3

SKYLAB PROGRAM

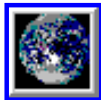
TEXAS



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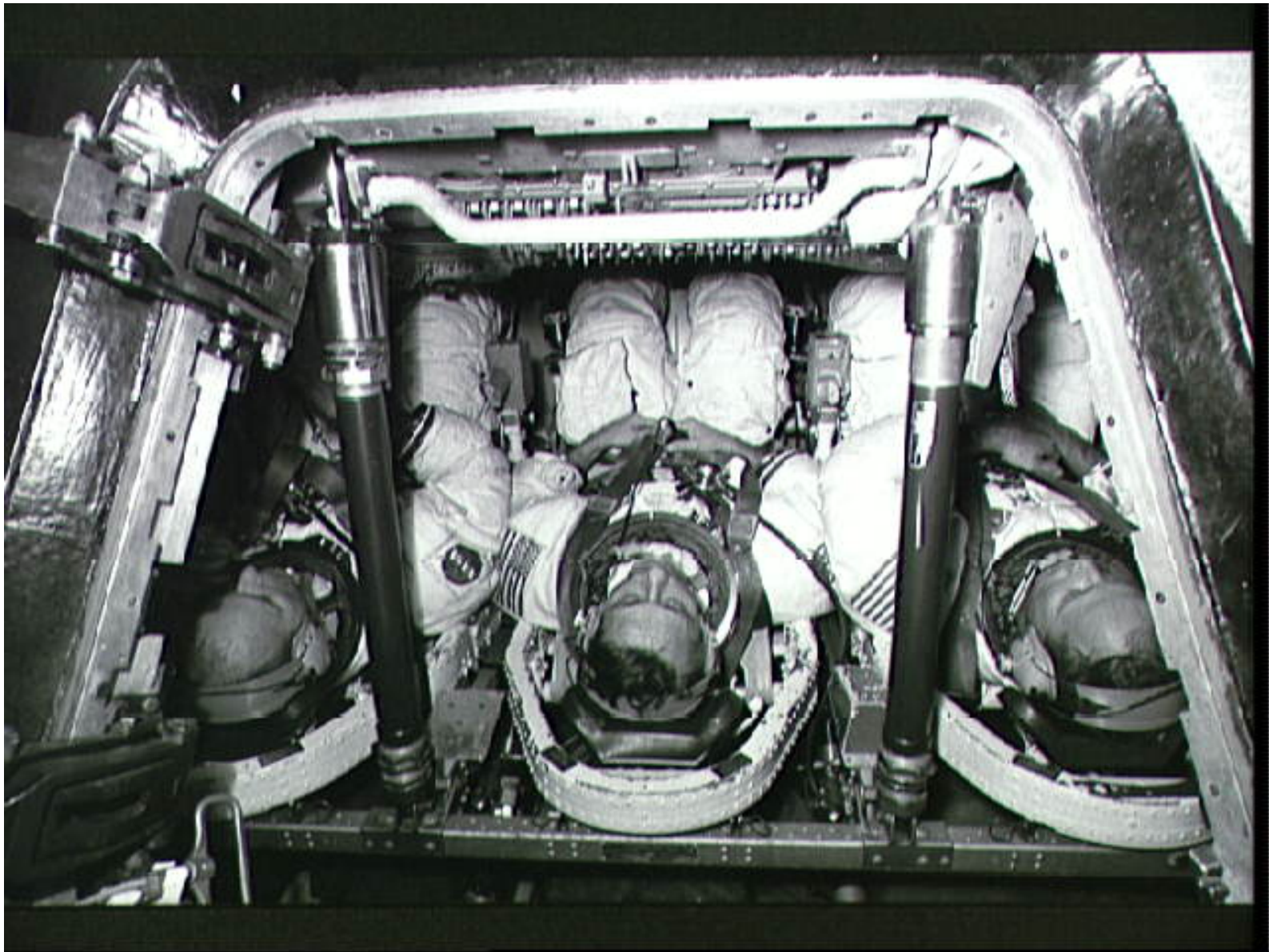
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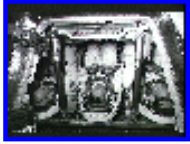
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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S73-27787

File Name: 10076184.jpg

Film Type: 35mm BW

Date Taken: 05/01/73

Title: Skylab 3 prime crew participate in water egress simulations at JSC

Description:

The three members of the prime crew of the second manned Skylab mission participate in prelaunch training, specifically water egress simulations at JSC. They are, left to right, Astronaut Alan L. Bean, commander; Scientist-Astronaut Owen K. Garriott, science pilot; and Astronaut Jack R. Lousma, pilot. This training took place in JSC's bldg 220 on May 1, 1973.

Subject terms:

ASTRONAUT TRAINING

ASTRONAUTS

COMMAND MODULES

EGRESS

FACILITIES

JOHNSON SPACE CENTER

SIMULATORS

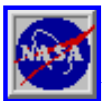
SKYLAB 3

SKYLAB PROGRAM

TEXAS

TRAINING DEVICES

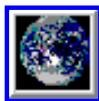
WATER LANDING



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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S73-28419

File Name: 10076185.jpg

Film Type: 35mm BW

Date Taken: 06/16/73

Title: Skylab 3 crew during training in Orbital Workshop trainer

Description:

The three prime crewmen of the Skylab 3 mission check over flight data during a training session in the crew quarters of the Orbital Workshop (OWS) trainer in the Mission Simulation and Training Facility at JSC. They are from left to right, Scientist-Astronaut Owen K. Garriott, science pilot; and Astronauts Alan L. Bean, commander, and Jack R. Lousma, pilot (28419); Skylab 3 crew work with Inflight Medical Support System (IMSS) resupply container atop the food table in the OWS. From left to right are Garriott, Lousma and Bean (28420).

Subject terms:

ASTRONAUT TRAINING

ASTRONAUTS

MEDICAL EQUIPMENT

SIMULATORS

SKYLAB 3

SKYLAB PROGRAM

SPACECRAFT CABIN SIMULATORS

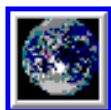
TRAINING DEVICES



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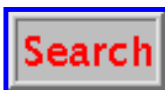


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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S73-28420

File Name: 10076186.jpg

Film Type: 35mm BW

Date Taken: 06/16/73

Title: Skylab 3 crew during training in Orbital Workshop trainer

Description:

The three prime crewmen of the Skylab 3 mission check over flight data during a training session in the crew quarters of the Orbital Workshop (OWS) trainer in the Mission Simulation and Training Facility at JSC. They are from left to right, Scientist-Astronaut Owen K. Garriott, science pilot; and Astronauts Alan L. Bean, commander, and Jack R. Lousma, pilot (28419); Skylab 3 crew work with Inflight Medical Support System (IMSS) resupply container atop the food table in the OWS. From left to right are Garriott, Lousma and Bean (28420).

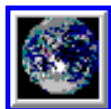
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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S73-28423

File Name: 10076187.jpg

Film Type: 35mm BW

Date Taken: 06/16/73

Title: Astronaut Jack Lousma with part of Inflight Medical Support System

Description:

Astronaut Jack R. Lousma, Skylab 3 pilot, reaches into a medical kit, part of the Inflight Medical Support System (IMSS), during training for the second manned Skylab Earth-orbital mission. This activity took place in the Orbital Workshop (OWS) trainer in the Mission Simulation and Training Facility at JSC.

Subject terms:

ASTRONAUT TRAINING

ASTRONAUTS

MEDICAL EQUIPMENT

SIMULATORS

SKYLAB 3

SKYLAB PROGRAM

SPACECRAFT CABIN SIMULATORS

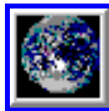
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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S73-28714

File Name: 10076180.jpg

Film Type: 4x5

Date Taken: 06/29/73

Title: Skylab 3 crew in the One-G trainer Multiple Docking Adapter

Description:

These three men are the prime crewmen for the Skylab 3 mission. Pictured in the One-G trainer Multiple Docking Adapter (MDA) at JSC are, left to right, Scientist-Astronaut Owen F. Garriott, science pilot; and Astronauts Jack R. Lousma and Alan L. Bean, pilot and commander, respectively.

Subject terms:

ASTRONAUTS

JOHNSON SPACE CENTER

PORTRAIT

SIMULATORS

SKYLAB 3

SKYLAB PROGRAM

TEXAS

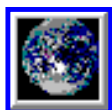
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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S73-28793

File Name: 10076192.jpg

Film Type: 35mm

Date Taken: 07/16/73

Title: Skylab 3 crewmen go over checklist in crew quarters of OWS trainer

Description:

The three crewmen of the second manned Skylab mission (Skylab 3) go over a checklist during preflight training at JSC. They are, left to right, Scientist-Astronaut Owen K. Garriott, science pilot; Astronaut Alan L. Bean, commander; and Astronaut Jack R. Lousma, pilot. They are in the crew quarters of the Orbital Workshop (OWS) trainer in the Mission Training and Simulation Facility, bldg 5, at JSC.

Subject terms:

ASTRONAUT TRAINING

ASTRONAUTS

FACILITIES

JOHNSON SPACE CENTER

MOCK-UP

PROCEDURES

SIMULATORS

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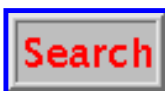


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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S73-30110

File Name: 10076188.jpg

Film Type: 35mm BW

Date Taken: 06/30/73

Title: Skylab 3 crew during press conference

Description:

The three members of the prime crew of the second manned Skylab mission discuss their scheduled 56 day flight before a gathering of news media representatives in the large auditorium of bldg 1 at JSC on June 30, 1973. They are, left to right, Astronaut Alan L. Bean, commander; Scientist-Astronaut Owen K. Garriott, science pilot; and Astronaut Jack R. Lousma, pilot.

Subject terms:

ASTRONAUTS

CONFERENCES

NEWS MEDIA

PUBLIC RELATIONS

SKYLAB 3

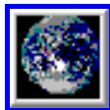
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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S73-30113

File Name: 10076189.jpg

Film Type: 35mm BW

Date Taken: 06/29/73

Title: Astronaut Alan Bean during news conference prior to Skylab 3 mission

Description:

Astronaut Alan L. Bean, Skylab 3 commander, ponders a question from a newsman during the premission press conference on June 30, 1973, in the bldg 1 large auditorium at JSC.

Subject terms:

ASTRONAUTS

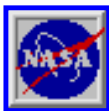
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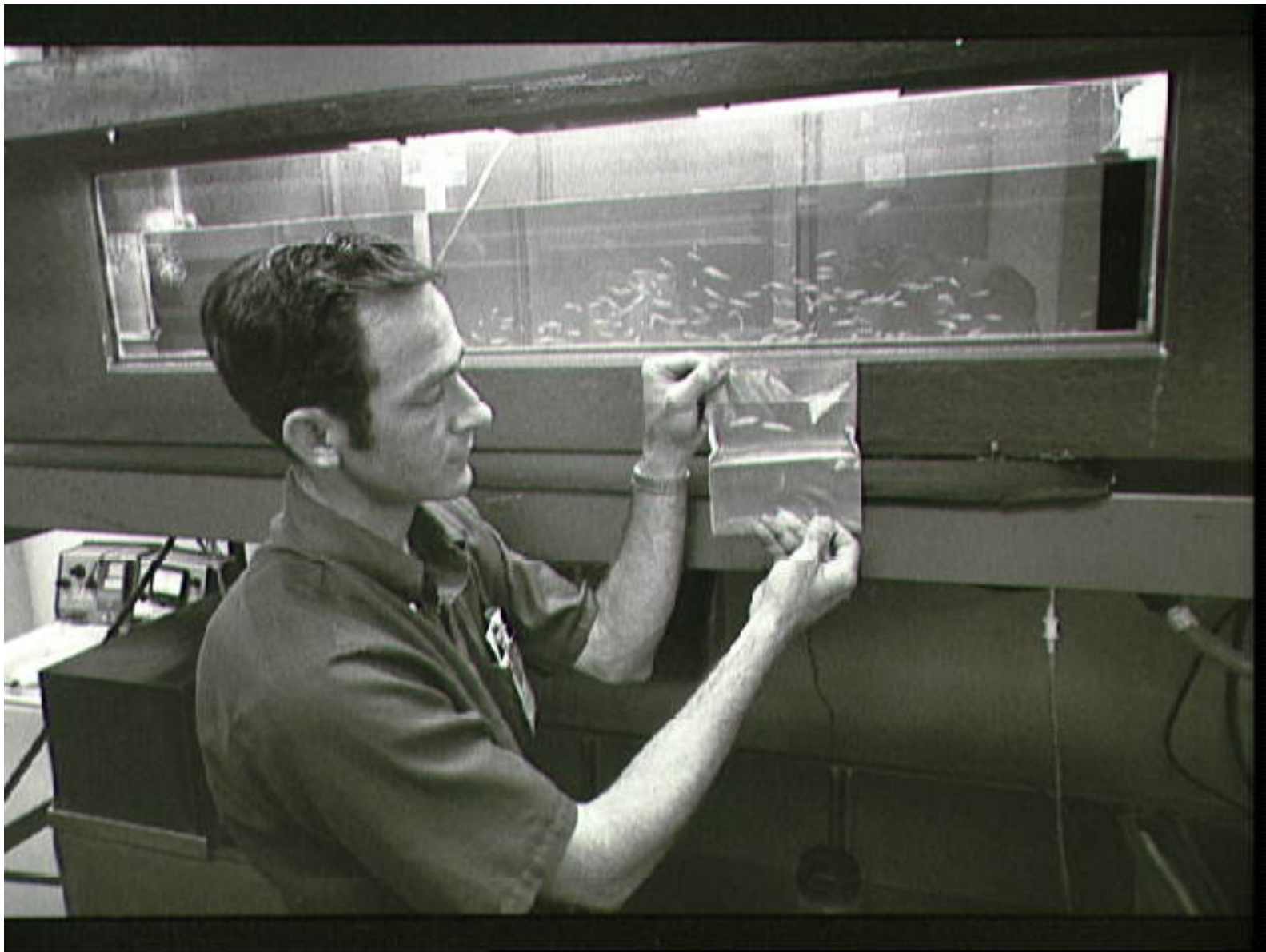
Houston, TX 77058

Fax: (281) 483-2848

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NASA Technical Monitor: [Scott Norr](#)

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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S73-30856

File Name: 10076193.jpg

Film Type: 35mm BW

Date Taken: 06/29/73

Title: Personnel observe minnows to be sent aboard Skylab 3

Description:

John Boyd observes a bag with two "brackish water" minnows known as "Mummichog Minnows" which will be on board Skylab 3. The fish were added to the flight at the request of Scientist-Astronaut Dr. Owen K. Garriott, science pilot. The objective of this experiment is to show what disorientation the fish will experience when exposed to weightlessness. An aquarium of the Minnows, caught off the coast of Beaufort, North Carolina, is in the background.

Subject terms:

EXAMINATION

FISH

PREFLIGHT ANALYSIS

PREFLIGHT OPERATIONS

SKYLAB 3

SKYLAB PROGRAM

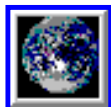
SPACEBORNE EXPERIMENTS



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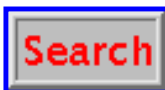


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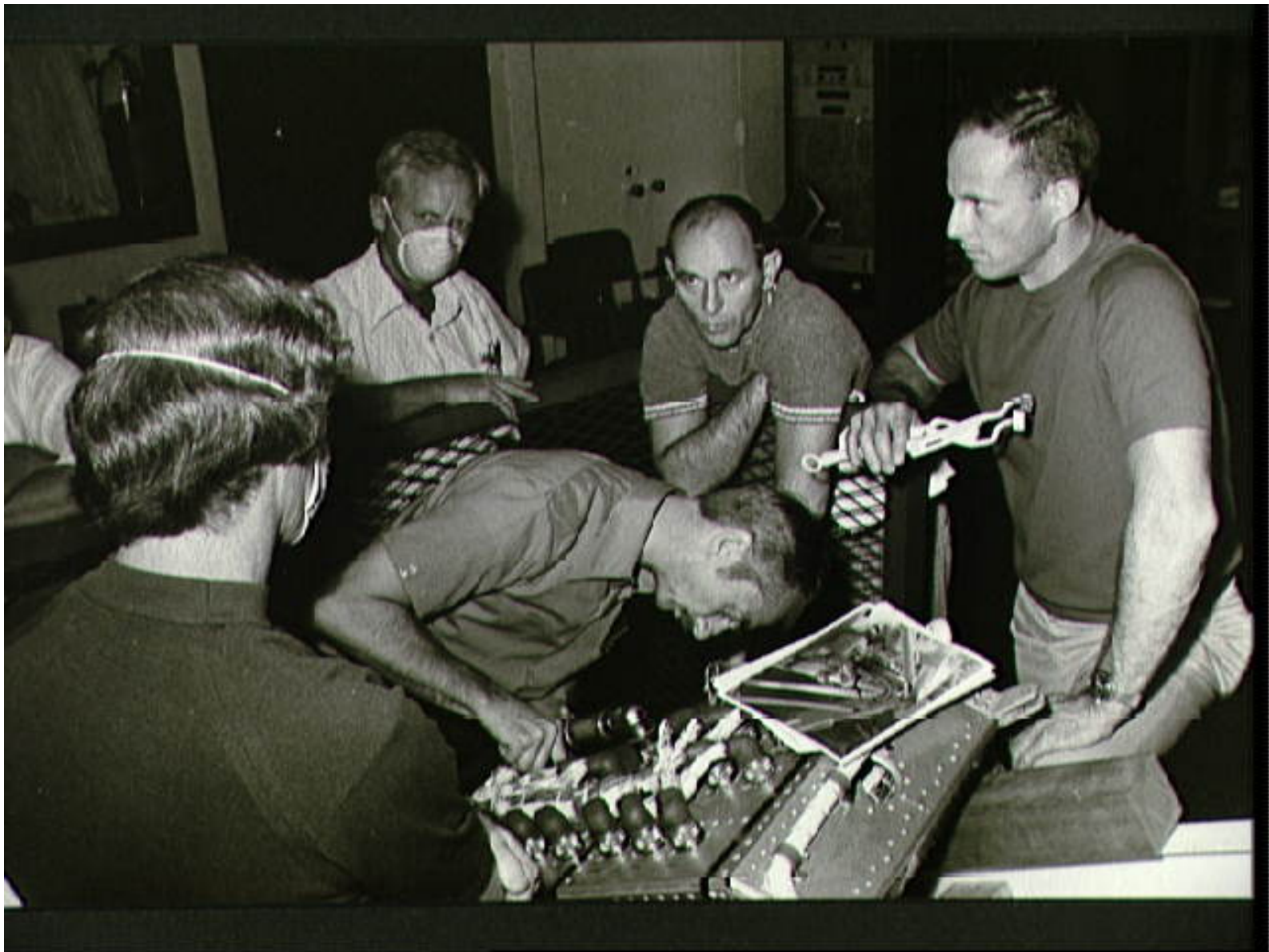
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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S73-31322

File Name: 10076190.jpg

Film Type: 35mm BW

Date Taken: 06/30/73

Title: Skylab 3 crewmen practice EVA procedures

Description:

The three prime crewmen of the Skylab 3 mission practice procedures which will be used during the extravehicular activity (EVA) portion of the scheduled Skylab rate gyro six-pac installation. They are Scientist-Astronaut Owen K. Garriott (center), Astronaut Alan L. Bean (center background) and Astronaut Jack R. Lousma (right). Garriott is working with a mock-up of a trunion plug plate which is on the space station's deployment assembly. This picture was taken during Skylab 3 prelaunch training at JSC. In the left foreground with back to camera is Astronaut Russell L. Schweickart, who is assisting with the Skylab 3 training. Another training officer is in the left background (31322); Lousma practices procedures for EVA in his extravehicular mobility unit (EMU). He is working with a mock-up of a trunion plug plate which is on the space station's deployment assembly (31323).

Subject terms:

ASTRONAUT TRAINING

ASTRONAUTS

EXTRAVEHICULAR ACTIVITY

FACILITIES

JOHNSON SPACE CENTER

PROCEDURES

SIMULATION

SKYLAB 3

SKYLAB PROGRAM

TEXAS

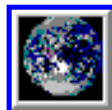
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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S73-31323

File Name: 10076191.jpg

Film Type: 35mm BW

Date Taken: 06/30/73

Title: Skylab 3 crewmen practice EVA procedures

Description:

The three prime crewmen of the Skylab 3 mission practice procedures which will be used during the extravehicular activity (EVA) portion of the scheduled Skylab rate gyro six-pac installation. They are Scientist-Astronaut Owen K. Garriott (center), Astronaut Alan L. Bean (center background) and Astronaut Jack R. Lousma (right). Garriott is working with a mock-up of a trunion plug plate which is on the space station's deployment assembly. This picture was taken during Skylab 3 prelaunch training at JSC. In the left foreground with back to camera is Astronaut Russell L. Schweickart, who is assisting with the Skylab 3 training. Another training officer is in the left background (31322); Lousma practices procedures for EVA in his extravehicular mobility unit (EMU). He is working with a mock-up of a trunion plug plate which is on the space station's deployment assembly (31323).

Subject terms:



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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S73-31570

File Name: 10076201.jpg

Film Type: 35mm BW

Date Taken: 07/31/73

Title: View of Mission Control during Skylab 3 flyaround

Description:

Overall view of the Mission Operations Control Room (MOCR) in the Mission Control Center (MCC), bldg 30, at JSC during the Skylab 3 flyaround inspection of the Skylab Earth-orbiting cluster.

Subject terms:

CONSOLES

FLIGHT CONTROL

GROUND BASED CONTROL

INSPECTION

INTEGRATED MISSION CONTROL CENTER

PERSONNEL

SKYLAB 3

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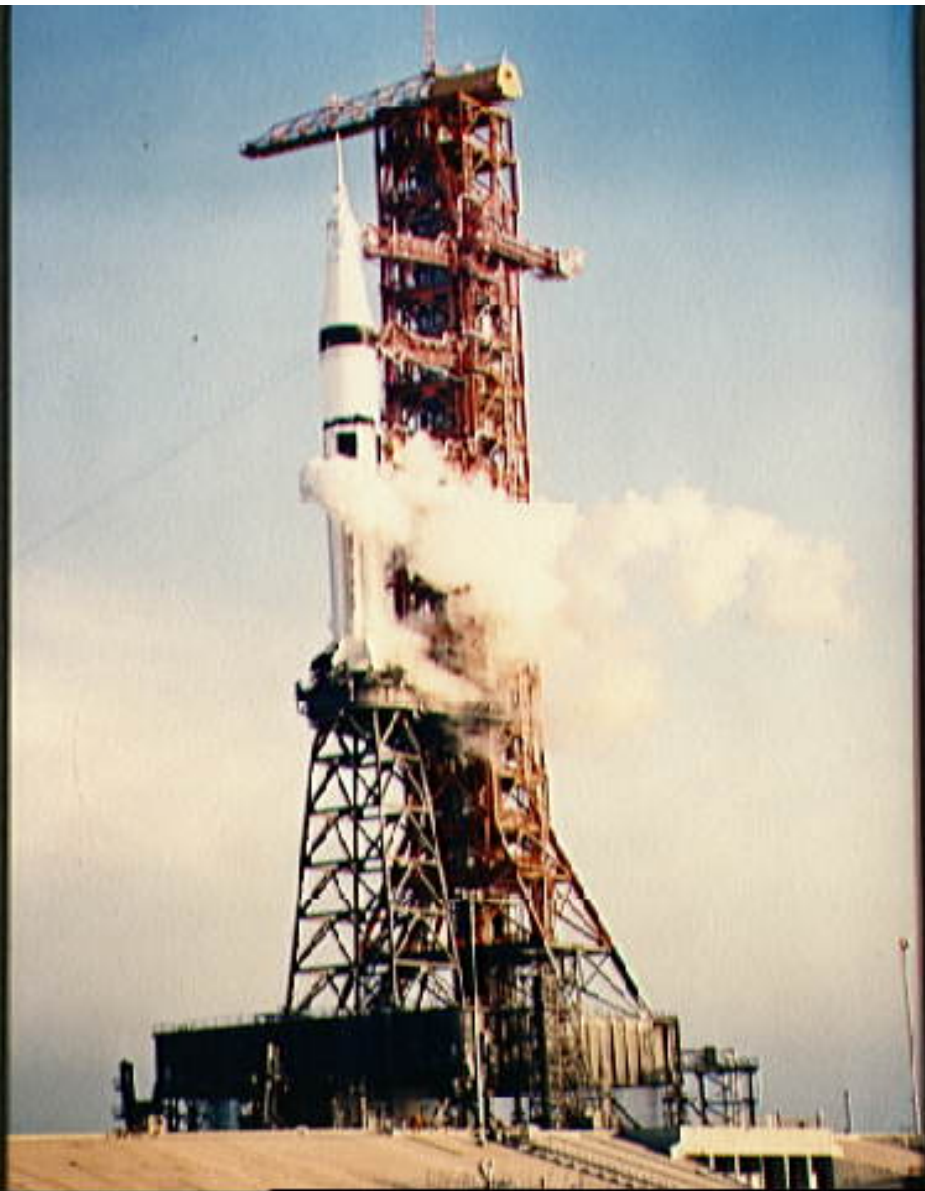
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Houston, TX 77058



# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S73-31697

File Name: 10076199.jpg

Film Type: 4x5

Date Taken: 07/20/73

Title: Ground-level view of Skylab 3 vehicle during prelaunch preparations

Description:

A ground-level view of Pad B, Launch Complex 39, Kennedy Space Center, Florida, showing the Skylab 3/Saturn 1B space vehicle during prelaunch preparations. The launch vehicle is venting liquid oxygen during pre-final countdown cryogenic loading.

Subject terms:

COUNTDOWN

FLORIDA

KENNEDY SPACE CENTER

LAUNCHING PADS

LAUNCHING SITES

LIQUID OXYGEN

PREFLIGHT OPERATIONS

SKYLAB 3

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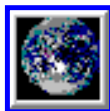
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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S73-31705

File Name: 10076237.jpg

Film Type: 4x5 BW

Date Taken: 08/01/73

Title: Skylab 3 crewmen shown eating in Orbital Workshop wardroom

Description:

The three Skylab 3 crewmen are shown eating in the Orbital Workshop (OWS) wardroom of the Skylab space station in Earth orbit, in this photographic reproduction taken from a television transmission made by a color TV camera aboard the OWS. Astronaut Alan L. Bean (right), commander, illustrates eating under zero gravity conditions upsidedown. The two other crewmen are Scientist-Astronaut Owen K. Garriott (left), science pilot; and Astronaut Jack R. Lousma, pilot.

Subject terms:

ASTRONAUTS

EATING

FOOD

ORBITAL SPACE STATIONS

REPRODUCTION

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SPACE FLIGHT FEEDING

TELEVISION TRANSMISSION

WEIGHTLESSNESS

ZERO GRAVITY



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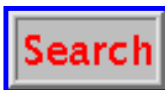


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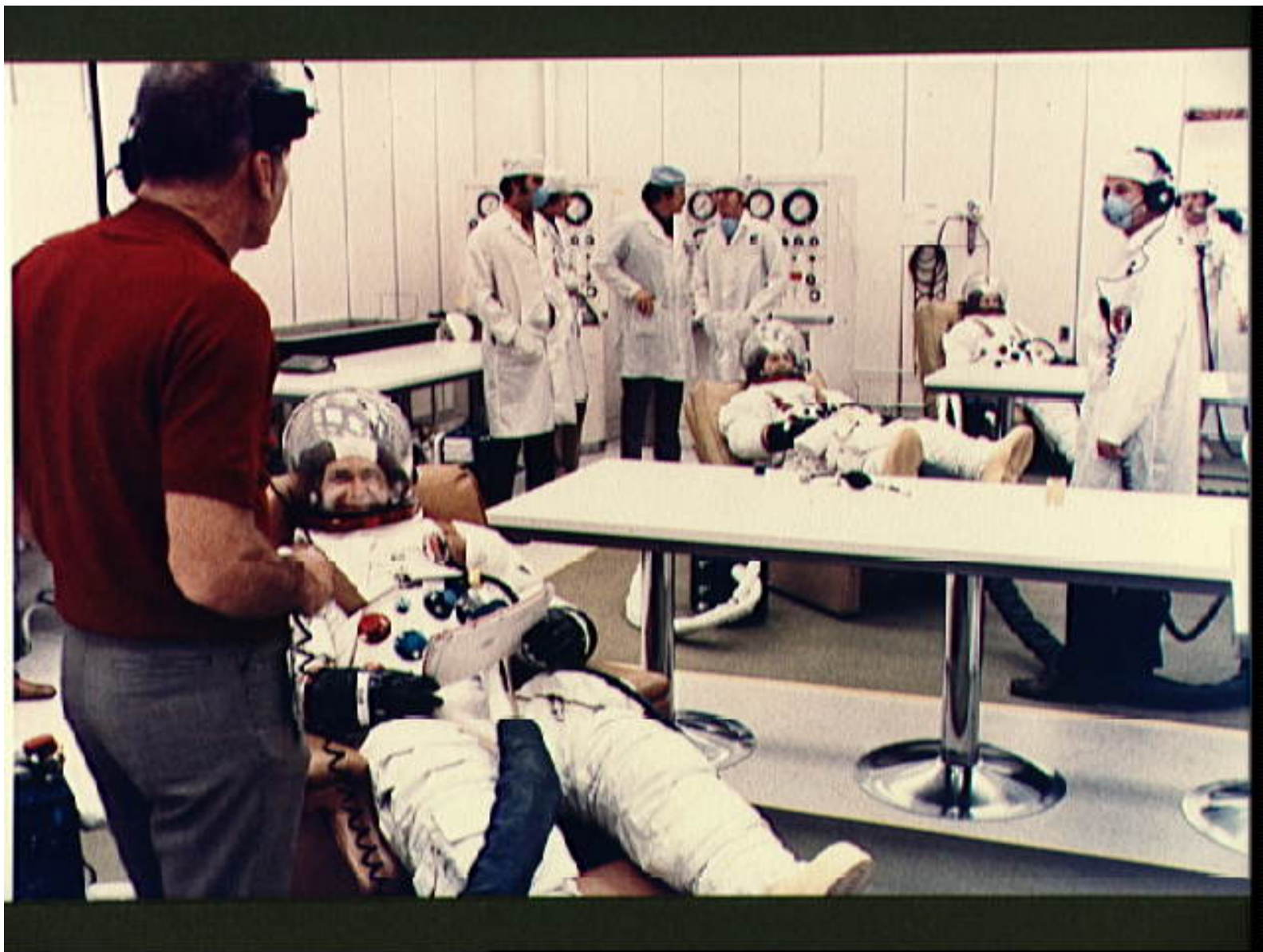
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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S73-31800

File Name: 10076196.jpg

Film Type: 4x5

Date Taken: 07/28/73

Title: Skylab 3 crewmen participate in prelaunch suiting up activities

Description:

The three crewmen of the second manned Skylab mission (Skylab 3) participate in prelaunch suiting up activities in the Manned Spacecraft Operations Building at the Kennedy Space Center on the morning of the Skylab 3 launch. They are (from foreground) Astronaut Alan L. Bean, commander; Scientist-Astronaut Owne K. Garriott, science pilot; and Astronaut Jack R. Lousma, pilot. Dr. Donald K. Slyaton (left foreground), Director of Flight Crew Operations, JSC, monitors the prelaunch activities.

Subject terms:

ASTRONAUTS

COUNTDOWN

CREW PROCEDURES (PREFLIGHT)

FLORIDA

KENNEDY SPACE CENTER

LAUNCHING SITES

PREFLIGHT OPERATIONS

SKYLAB 3

SKYLAB PROGRAM

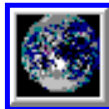
SPACE SUITS



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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S73-31801

File Name: 10076197.jpg

Film Type: 4x5

Date Taken: 07/28/73

Title: Skylab 3 crewmen leave Manned Spacecraft Operations bldg at KSC

Description:

The three crewmen of the second manned Skylab mission (Skylab 3) leave the Manned Spacecraft Operations Building at the Kennedy Space Center on the morning of the Skylab 3 launch. Leading is Astronaut Alan L. Bean, commander; followed by Scientist-Astronaut Owen K. Garriott, science pilot; and Astronaut Jack R. Lousma, pilot. Note the van (right foreground) which will take them to the launch pad.

Subject terms:

ASTRONAUTS

COUNTDOWN

CREW PROCEDURES (PREFLIGHT)

FLORIDA

KENNEDY SPACE CENTER

LAUNCHING SITES

PREFLIGHT OPERATIONS

SKYLAB 3

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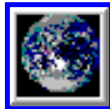
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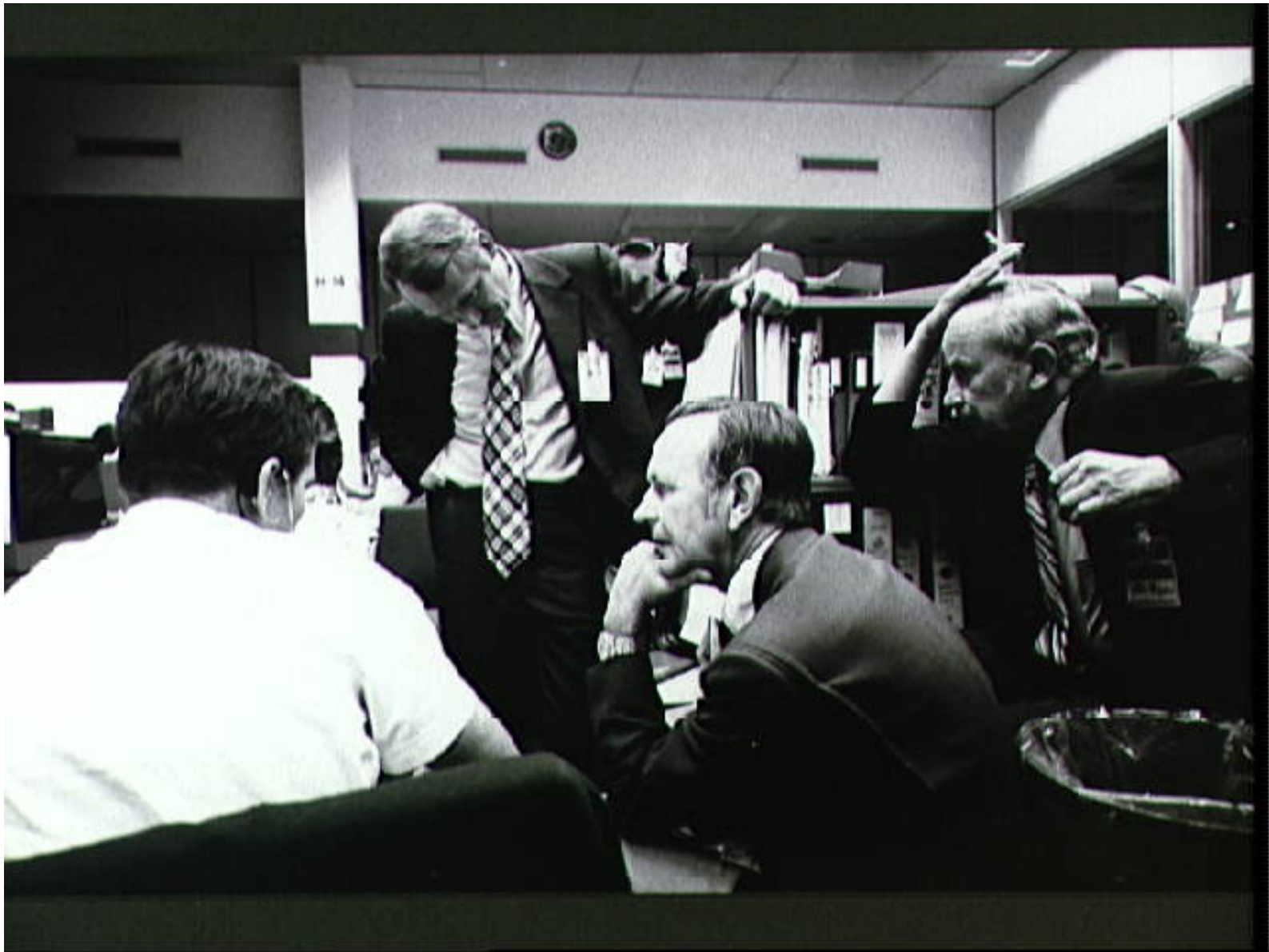
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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S73-31875

File Name: 10076207.jpg

Film Type: 4x5 BW

Date Taken: 08/02/73

Title: NASA officials in the MOCR monitor problem in Skylab 3 Command Module  
Description:

After learning of a problem in the Command/Service Module which was used to transport the Skylab 3 crew to the orbiting Skylab space station cluster, NASA officials held various meetings to discuss the problem. Here, four men monitor the current status of the problem in the Mission Operations Control Room (MOCR) of the Mission Control Center (MCC) at JSC. From the left are Gary E. Coen, Guidance and Navigation System flight controller; Howard W. Tindall Jr., Director of Flight Operations at JSC; Dr. Christopher C. Kraft Jr., JSC Director; and Sigurd A. Sjorberg, JSC Deputy Director.

Subject terms:

DAMAGE ASSESSMENT

FAILURE ANALYSIS

FLIGHT CONTROL

GROUND BASED CONTROL

INTEGRATED MISSION CONTROL CENTER

SKYLAB 3

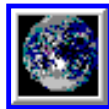
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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S73-31964

File Name: 10076208.jpg

Film Type: 35mm BW

Date Taken: 08/06/73

Title: Flight controllers in Mission Control discuss upcoming EVA by Skylab 3 crew  
Description:

This group of flight controllers discuss today's approaching extravehicular activity (EVA) to be performed by the Skylab 3 crewmen. They are, left to right, Scientist-Astronaut Story Musgrave, a Skylab 3 spacecraft communicator; Robert Kain and Scott Millican, both of the Crew Procedures Division, EVA Procedures Section; William C. Schneider, Skylab Program Director, NASA Headquarters; and Milton Windler, Flight Director. Windler points to the model of the Skylab space station cluster to indicate the location of the ATM's film magazines. The group stands near consoles in the Mission Operations Control Room (MOCR) of the JSC Mission Control Center (MCC).

Subject terms:

CONFERENCES

CONSOLES

EXTRAVEHICULAR ACTIVITY

FLIGHT CONTROL

GROUND BASED CONTROL

INTEGRATED MISSION CONTROL CENTER

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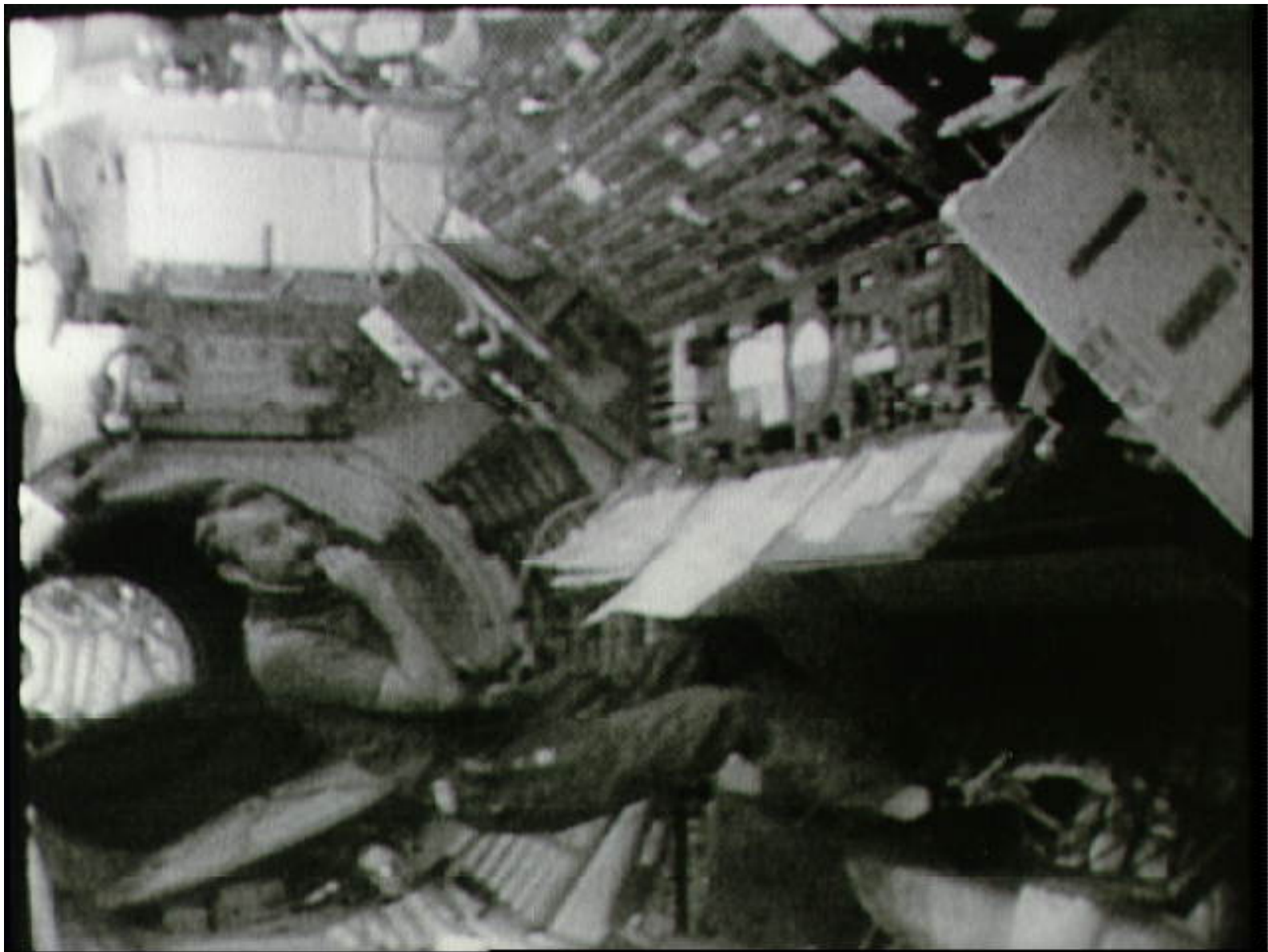
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## Press Release Images



NASA Photo ID: S73-31973

File Name: 10076238.jpg

Film Type: 4x5 BW

Date Taken: 08/07/73

Title: Astronaut Owen Garriott at the Apollo Telescope Mount control/display console

### Description:

Scientist-Astronaut Owen K. Garriott, Skylab 3 science pilot, is seen at the Apollo Telescope Mount (ATM) control/display console in this photographic reproduction taken from a television transmission made by a color TV camera aboard the Skylab space station in Earth orbit. The ATM control/display console is located in the space station's Multiple Docking Adapter.

### Subject terms:

ASTRONAUTS

CONSOLES

CREW WORKSTATIONS

ORBITAL SPACE STATIONS

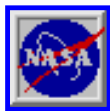
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SKYLAB 3

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SPACEBORNE TELESCOPES

TELEVISION TRANSMISSION



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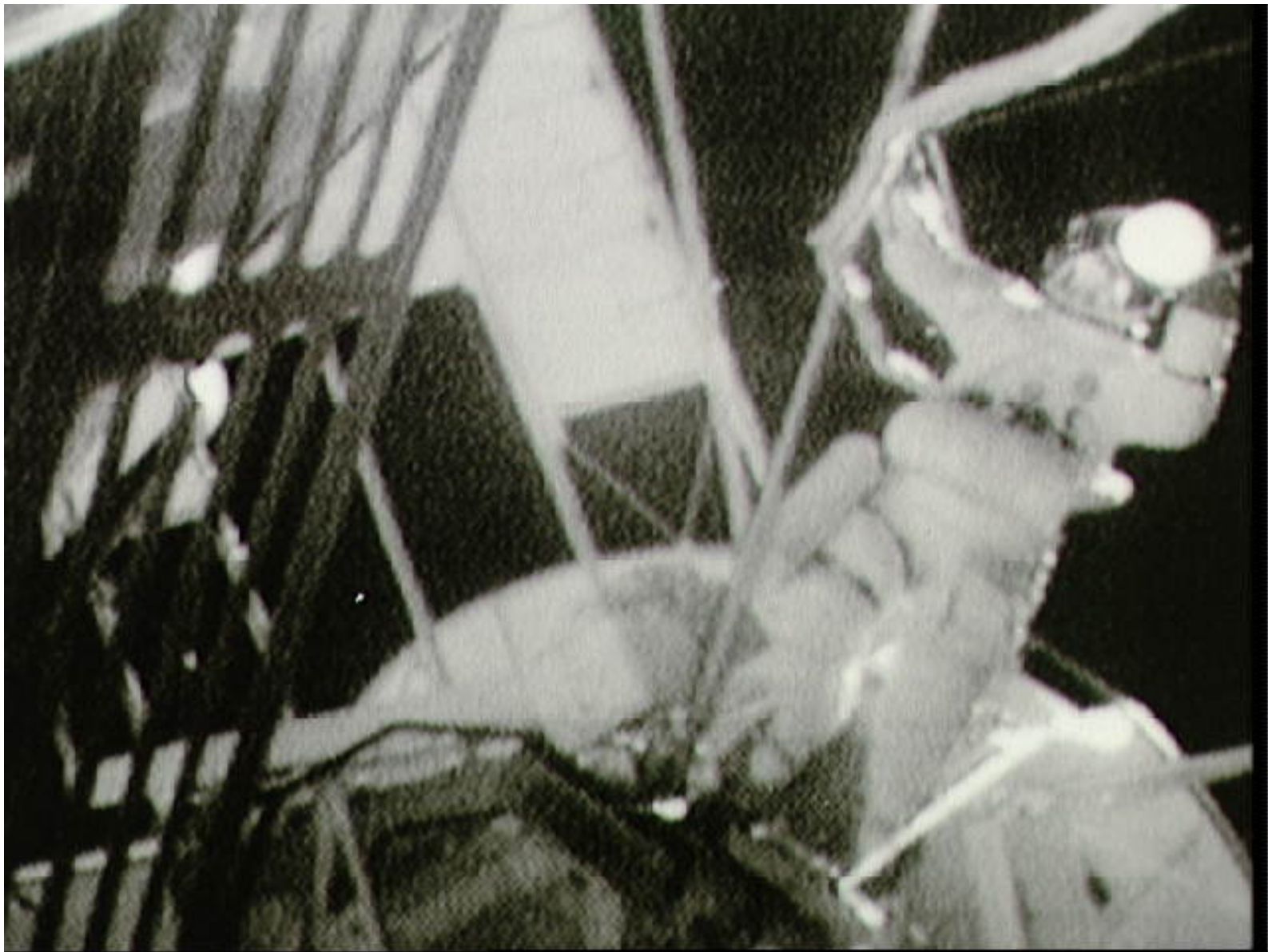
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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S73-31976

File Name: 10076239.jpg

Film Type: 4x5 BW

Date Taken: 08/06/73

Title: Astronaut Jack Lousma seen outside Skylab space station during EVA

Description:

Astronaut Jack R. Lousma, Skylab 3 pilot, is seen outside the Skylab space station in Earth orbit during the August 5, 1973 Skylab 3 extravehicular activity (EVA) in this photographic reproduction taken from a television transmission made by a color TV camera aboard the space station.

Scientist-Astronaut Owen K. Garriott, Skylab 3 science pilot, participated in the EVA with Lousma. During the EVA the two crewmen deployed the twin pole solar shield to help shade the Orbital Workshop.

Subject terms:

ASTRONAUTS

DEPLOYMENT

EXTRAVEHICULAR ACTIVITY

ORBITAL SPACE STATIONS

REPRODUCTION

SHIELDING

SKYLAB 3

SKYLAB PROGRAM

SOLAR ENERGY

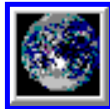
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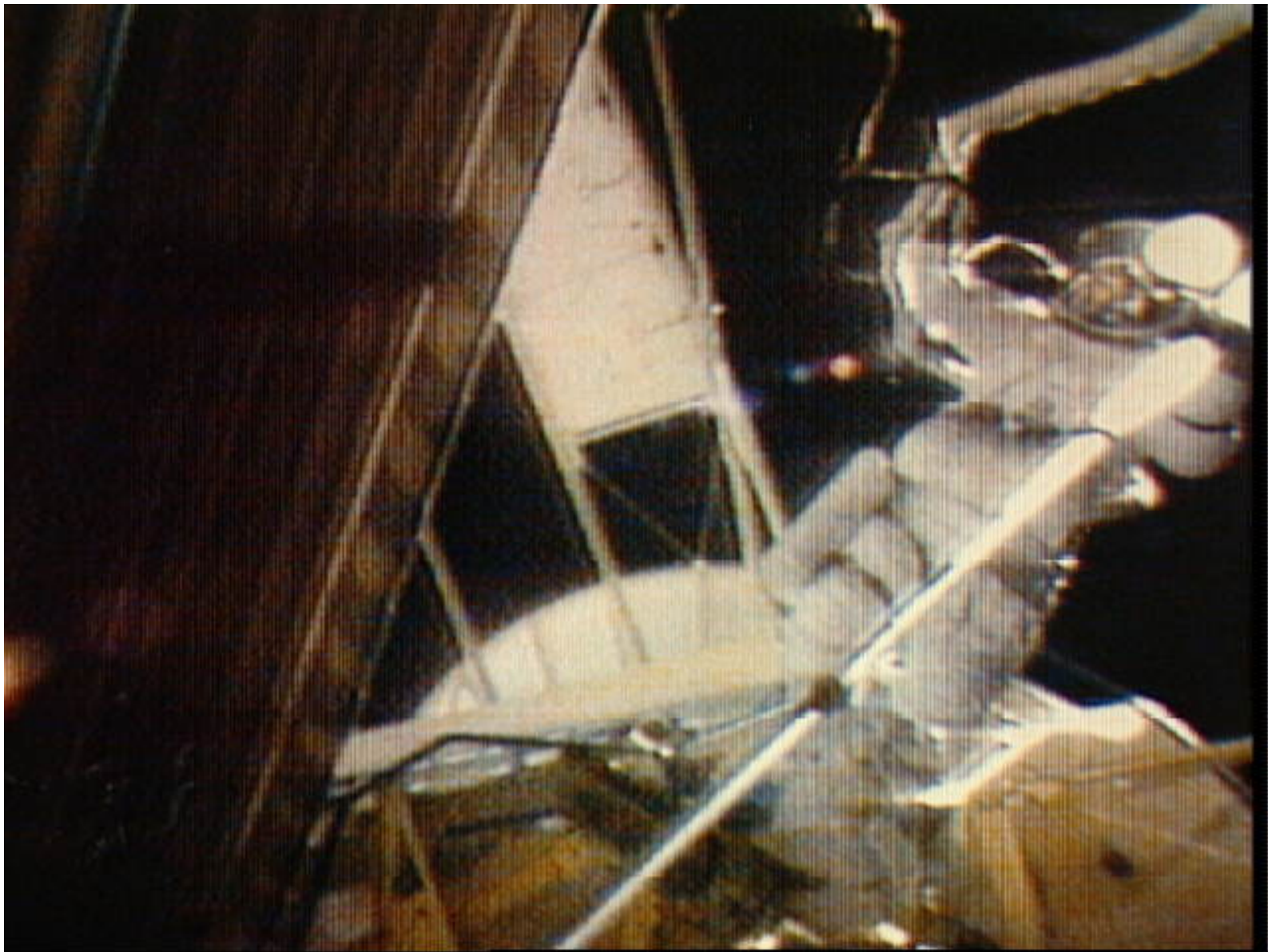
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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S73-31980

File Name: 10076240.jpg

Film Type: 4x5

Date Taken: 08/06/73

Title: Astronaut Jack Lousma seen outside Skylab space station during EVA

Description:

Astronaut Jack R. Lousma, Skylab 3 pilot, is seen outside the Skylab space station in Earth orbit during the August 5, 1973 Skylab 3 extravehicular activity (EVA) in this photographic reproduction taken from a television transmission made by a color TV camera aboard the space station. Lousma is at the Apollo Telescope Mount EVA work station assembling one of the two 55-foot long sectionalized poles for the twin pole solar shield which was deployed to help cool the Orbital Workshop. Part of the Airlock Module's thermal/meteoroid curtain is in the left foreground.

Subject terms:

ASTRONAUTS

DEPLOYMENT

EXTRAVEHICULAR ACTIVITY

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REPRODUCTION

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SOLAR ENERGY

SPACEBORNE TELESCOPES

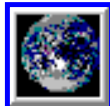
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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S73-32113

File Name: 10076249.jpg

Film Type: 4x5

Date Taken: 08/09/73

Title: Astronaut Owen Garriott as test subject for Human Vestibular Function exp.

### Description:

Scientist-Astronaut Owen K. Garriott, Skylab 3 science pilot, serves as test subject for the Skylab Human Vestibular Function M131 Experiment, as seen in this photographic reproduction taken from a television transmission made by a color TV camera aboard the Skylab space station in Earth orbit. The objectives of the M131 experiment are to obtain data pertinent to establishing the validity of measurements of specific behavioral/physiological responses influenced by vestibular activity under one-G and zero-G conditions; to determine man's adaptability to unusual vestibular conditions and predict habitability of future spacecraft conditions involving reduced gravity and Coriolis forces; and to measure the accuracy and variability in man's judgement of spatial coordinates based on atypical gravity receptor cues and inadequate visual cues.

### Subject terms:

ASTRONAUTS

MEDICAL SCIENCE

REPRODUCTION

SKYLAB 3

SKYLAB PROGRAM

SPACE ADAPTATION SYNDROME

SPACEBORNE EXPERIMENTS

TELEVISION TRANSMISSION

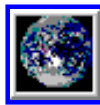
VESTIBULAR TESTS



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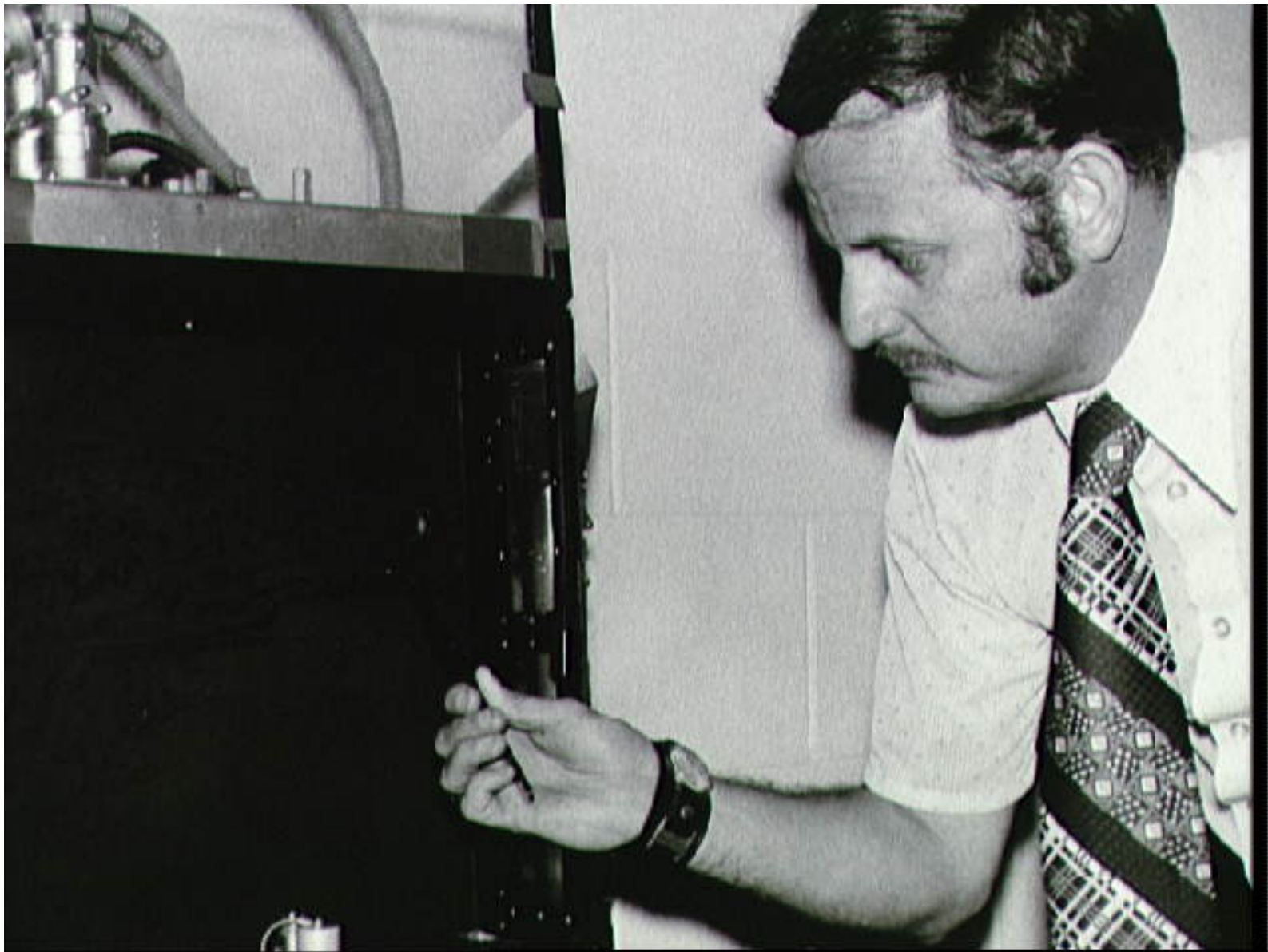
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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S73-32499

File Name: 10076194.jpg

Film Type: 4x5 BW

Date Taken: 07/15/73

Title: Dr. Ray Gause examines student Skylab experiment ED-52 Web Formation  
Description:

Dr. Ray Gause of the NASA-Marshall Space Flight Center (MSFC) places dinner, in the form of a housefly, in the web of Arabella - the prime spider for the ED-52 Web Formation Experiment. Arabella can be delineated near the end of the black pen in Dr. Gause's hand. The experiment is one of 25 student experiments accepted for the Skylab program and will be performed during the Skylab 3 mission. Judy Miles, a 17-year-old high school student from Lexington, Massachusetts, is the student experimenter and Dr. Gause is the NASA student advisor.

Subject terms:

ALABAMA

INSECTS

INSPECTION

MARSHALL SPACE FLIGHT CENTER

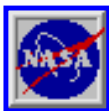
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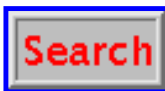


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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S73-32568

File Name: 10076198.jpg

Film Type: 4x5

Date Taken: 07/20/73

Title: Floodlights illuminate view of Skylab 3 vehicle at Pad B, Launch Complex 39  
Description:

Floodlights illuminate this nighttime view of the Skylab 3/Saturn 1B space vehicle at Pad B, Launch Complex 39, Kennedy Space Center, Florida, during prelaunch preparations. The reflection in the water adds to the scene. In addition to the Command/Service Module and its launch escape system, the Skylab 3 space vehicle consists of the Saturn 1B first (S-1B) stage and the Saturn 1B second (S-1VB) stage.

Subject terms:

COUNTDOWN

FLORIDA

KENNEDY SPACE CENTER

LAUNCHING PADS

LAUNCHING SITES

PREFLIGHT OPERATIONS

SKYLAB 3

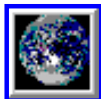
SKYLAB PROGRAM



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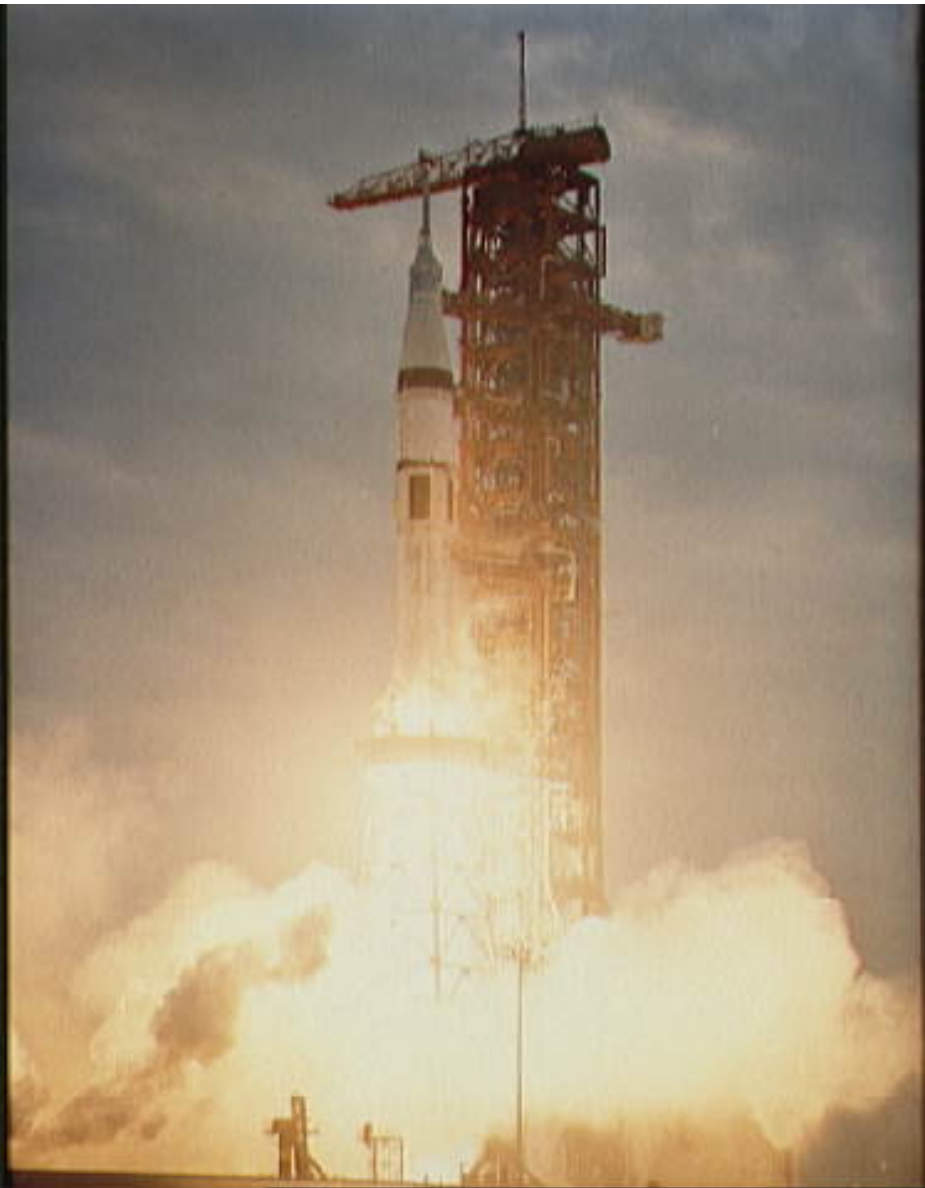
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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S73-32570

File Name: 10076200.jpg

Film Type: 4x5

Date Taken: 07/28/73

Title: Launch of Skylab 3/Saturn 1B space vehicle

Description:

The Skylab 3/Saturn 1B space vehicle is launched from Pad B, Launch Complex 39, Kennedy Space Center, Florida, at 7:11 a.m., Saturday, July 28, 1973.

Subject terms:

FLORIDA

KENNEDY SPACE CENTER

LAUNCHING PADS

LAUNCHING SITES

LIFTOFF (LAUNCHING)

SKYLAB 3

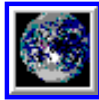
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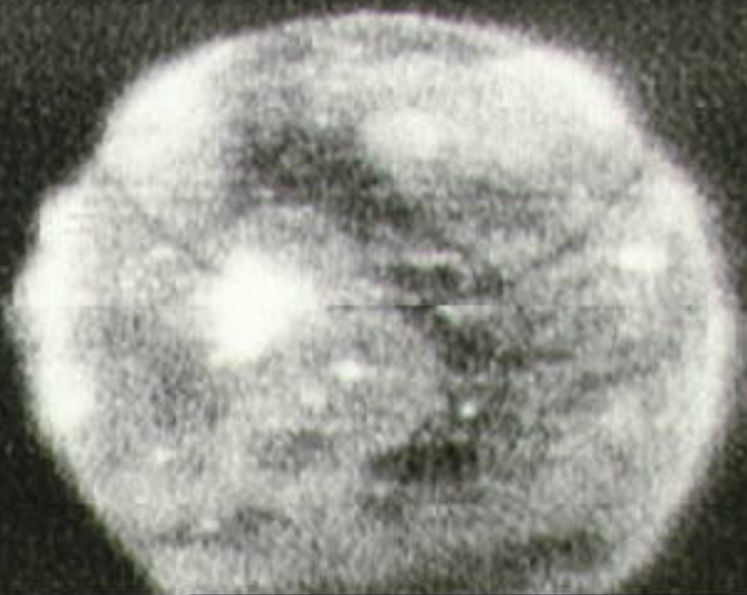
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Last Updated: February 23, 2000

XUV-MON 234.04.00 P=X2 GDS(T)



# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S73-32867

File Name: 10076295.jpg

Film Type: 4x5 BW

Date Taken: 08/21/73

Title: Solar sphere viewed through the Skylab solar physics experiment

Description:

The solar sphere viewed through the Skylab solar physics experiment (S082) Extreme Ultraviolet Spectroheliograph is seen in this photographic reproduction taken from a color television transmission made by a TV camera aboard the Skylab space station in Earth orbit. The solar chromosphere and lower corona are much hotter than the surface of the Sun characterized by the white light emissions. This image was recorded during the huge solar prominence which occurred on August 21, 1973.

Subject terms:

ONBOARD ACTIVITIES

REPRODUCTION

SKYLAB 3

SKYLAB PROGRAM

SOLAR ATMOSPHERE

SOLAR CORONA

SOLAR PHYSICS

SPACEBORNE EXPERIMENTS

SUN

TELEVISION TRANSMISSION

ULTRAVIOLET PHOTOGRAPHY



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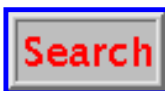


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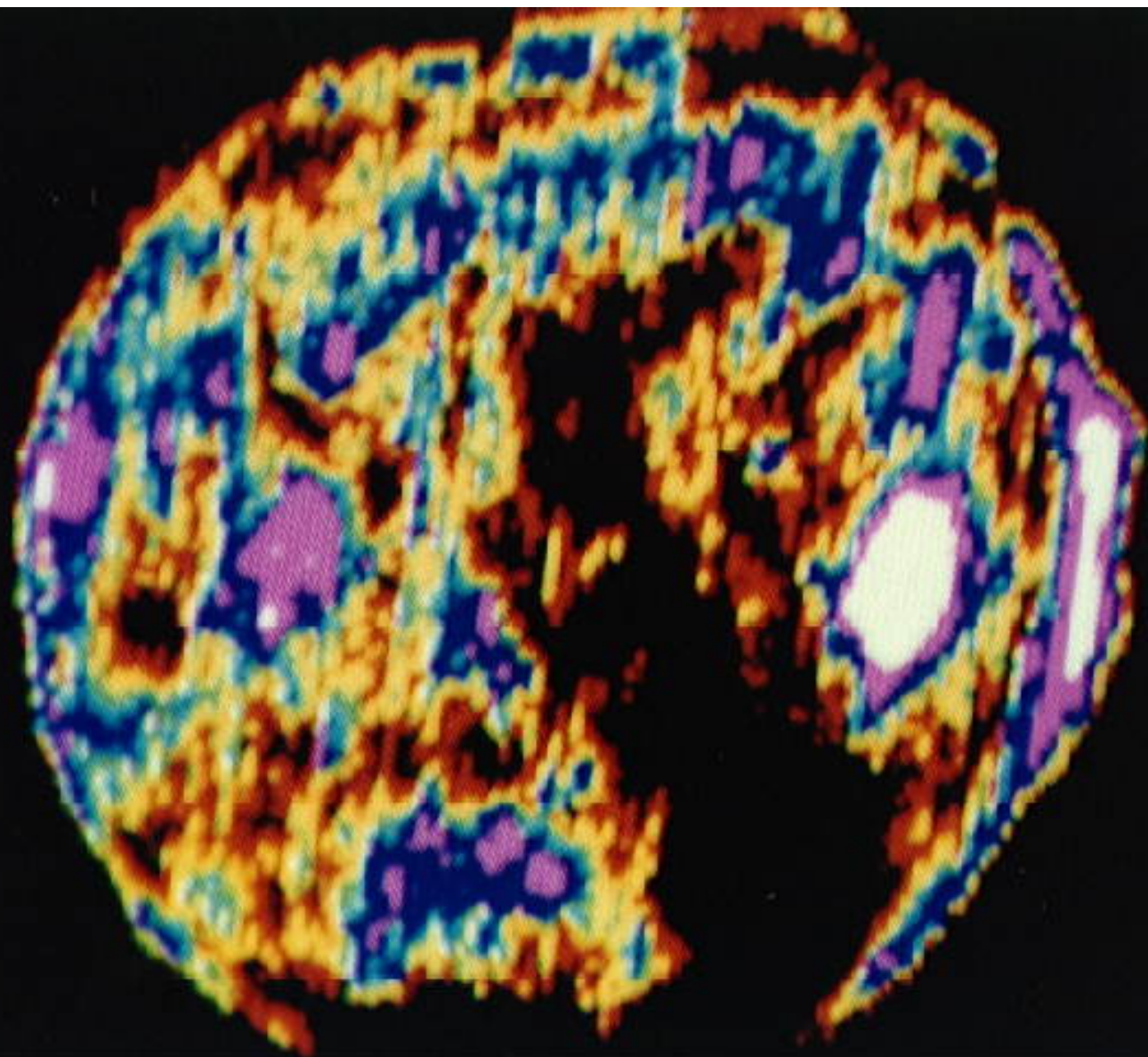
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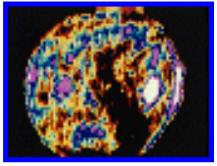
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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S73-32883

File Name: 10076296.jpg

Film Type: 4x5

Date Taken: 08/27/73

Title: View of coronal hole processed from television transmission of ATM

Description:

This false color isophote, processed from an August 20, 1973 television transmission of Apollo Telescope Mount (ATM) experiments from Skylab 3, dramatically reveals a significant change in the coronal hole as compared to the previous day. Solar rotation accounts for the new location of the coronal hole.

Subject terms:

SKYLAB 3

SKYLAB PROGRAM

SOLAR CORONA

SPACEBORNE TELESCOPES

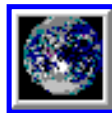
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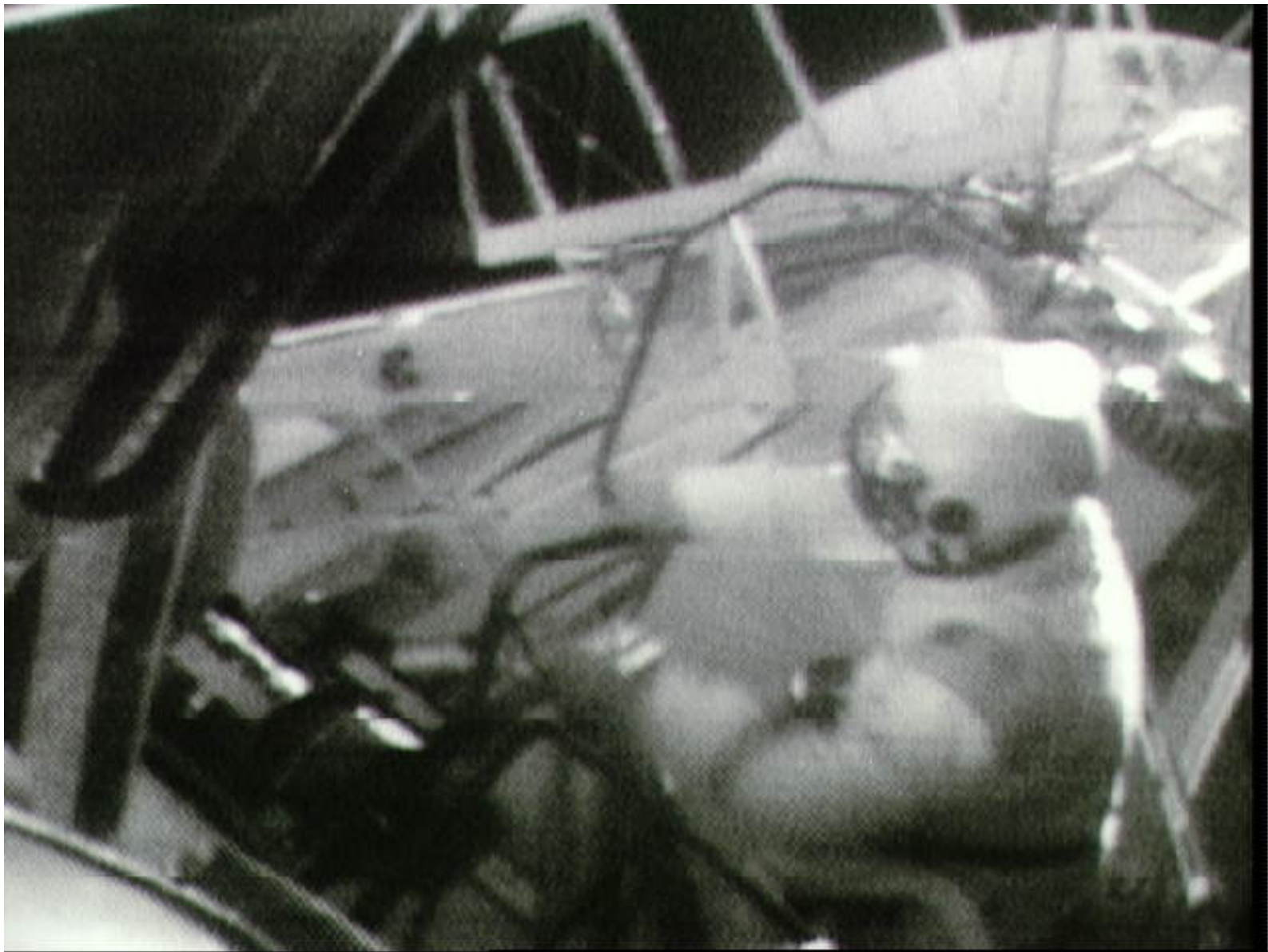
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## Press Release Images



NASA Photo ID: S73-33161

File Name: 10076241.jpg

Film Type: 4x5 BW

Date Taken: 08/24/73

Title: Astronaut Jack Lousma hooks up cable for rate gyro six pack during EVA  
Description:

Astronaut Jack R. Lousma, Skylab 3 pilot, hooks up a 23 ft. 2 in. connecting cable for the rate gyro six pack during extravehicular activity (EVA) on August 24, 1973, as seen in this photographic reproduction taken from a color television transmission made by a TV camera aboard the Skylab space station in Earth orbit. The rate gyros were mounted inside the Multiple Docking Adapter opposite the Apollo Telescope Mount control and display console.

Subject terms:

ASTRONAUTS

EXTRAVEHICULAR ACTIVITY

GYROSCOPES

ORBITAL SPACE STATIONS

REPRODUCTION

SKYLAB 3

SKYLAB PROGRAM

SPACECRAFT CONTROL

TELEVISION TRANSMISSION



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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S73-34171

File Name: 10076250.jpg

Film Type: 4x5

Date Taken: 08/09/73

Title: Astronaut Owen Garriott as test subject for Human Vestibular Function exp.

### Description:

Scientist-Astronaut Owen K. Garriott, Skylab 3 science pilot, serves as test subject for the Skylab Human Vestibular Function M131 Experiment, as seen in this photographic reproduction taken from a television transmission made by a color TV camera aboard the Skylab space station in Earth orbit. Dr. Garriott is seated in the experiment's litter chair which can rotate the test subject at predetermined rotational velocity or programmed acceleration/decelerational profile. The objectives of the M131 experiment are to obtain data pertinent to establishing the validity of measurements of specific behavioral/physiological responses influenced by vestibular activity under one-G and zero-G conditions; to determine man's adaptability to unusual vestibular conditions and predict habitability of future spacecraft conditions involving reduced gravity and Coriolis forces; and to measure the accuracy and variability in man's judgement of spatial coordinates based on atypical gravity receptor cues and inadequate visual cues.

### Subject terms:

ASTRONAUTS

MEDICAL SCIENCE

REPRODUCTION

SKYLAB 3

SKYLAB PROGRAM

SPACE ADAPTATION SYNDROME

SPACEBORNE EXPERIMENTS

TELEVISION TRANSMISSION

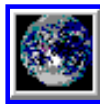
VESTIBULAR TESTS



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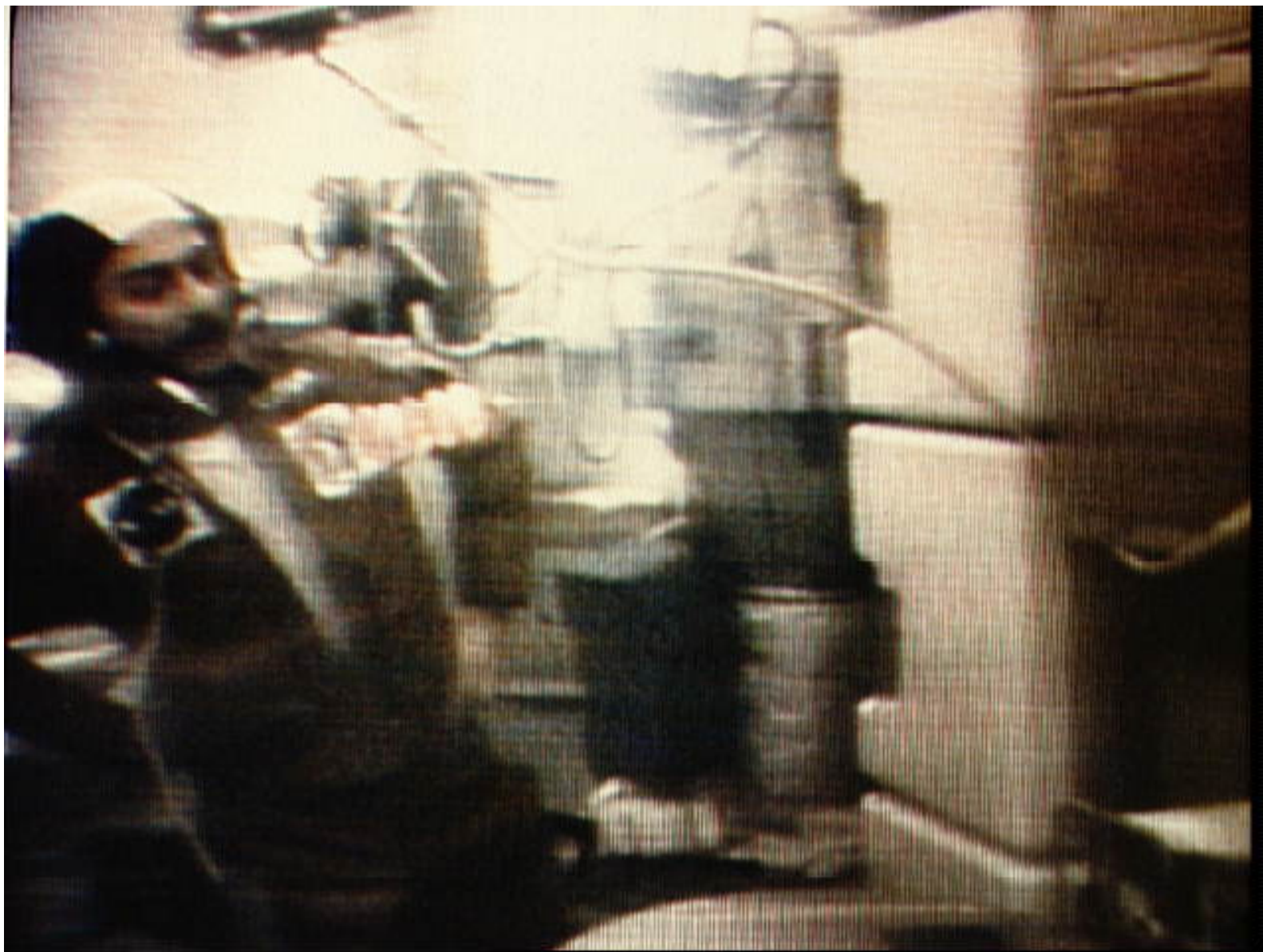


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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S73-34172

File Name: 10076242.jpg

Film Type: 4x5

Date Taken: 08/27/73

Title: Astronaut Owen Garriott watches drink container spin in zero gravity

Description:

Scientist-Astronaut Owen K. Garriott, Skylab 3 science pilot, watches a drink container spinning and tumbling in zero gravity during a science demonstration television transmission from the Skylab space station in Earth orbit. Garriott is in the Orbital Workshop (OWS).

Subject terms:

ASTRONAUTS

CONTAINERS

MOVEMENT

ORBITAL SPACE STATIONS

REPRODUCTION

SKYLAB 3

SKYLAB PROGRAM

SPACEBORNE EXPERIMENTS

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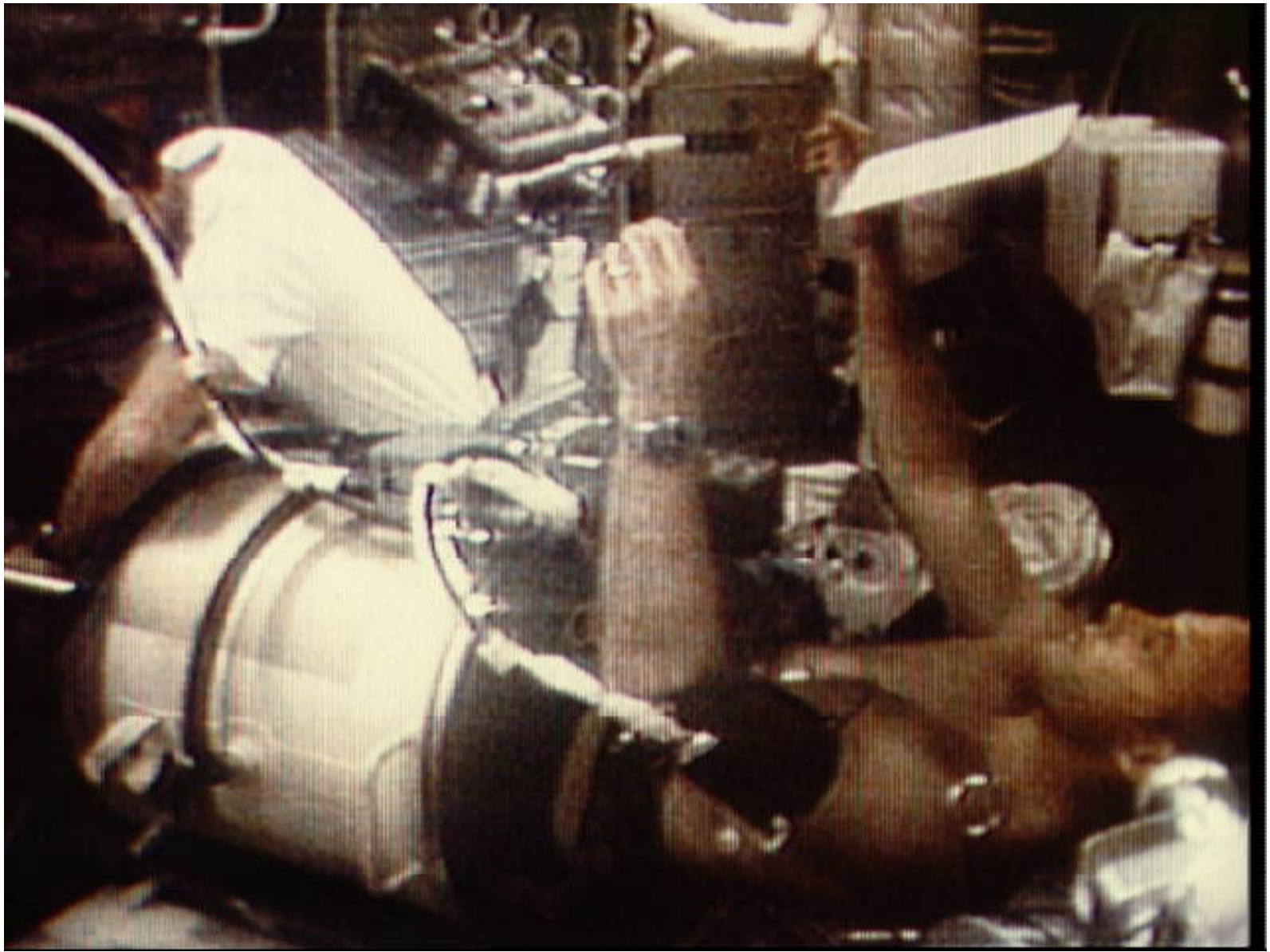
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## Press Release Images



NASA Photo ID: S73-34180

File Name: 10076246.jpg

Film Type: 4x5

Date Taken: 08/07/73

Title: Astronaut Jack Lousma in Lower Body Negative Pressure Device

Description:

A medium close-up view of Astronaut Jack R. Lousma, Skylab 3 pilot, in the Lower Body Negative Pressure Device (LBNPD), as Astronaut Alan L. Bean, commander, works around the leg band area. This portion of the LBNPD MO-92 experiment was televised on August 7, 1973. The LBNPD experiment is to provide information concerning the time course of cardiovascular adaptation during flight, and to provide inflight data for predicting the degree of orthostatic intolerance and impairment of physical capacity to be expected upon returning to Earth environment. The bicycle ergometer is in the background, partially visible behind Bean.

Subject terms:

ASTRONAUTS

BLOOD PRESSURE

CARDIOVASCULAR SYSTEM

LOWER BODY NEGATIVE PRESSURE

ORBITAL SPACE STATIONS

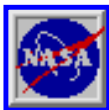
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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S73-34181

File Name: 10076243.jpg

Film Type: 4x5

Date Taken: 09/08/73

Title: Astronaut Jack Lousma works at Multispectral camera experiment

Description:

Astronaut Jack R. Lousma, Skylab 3 pilot, works at the S190A multispectral camera experiment in the Multiple Docking Adapter (MDA), seen from a color television transmission made by a TV camera aboard the Skylab space station cluster in Earth orbit. Lousma later used a small brush to clean the six lenses of the multispectral camera.

Subject terms:

ASTRONAUTS

CAMERAS

ORBITAL SPACE STATIONS

RADAR IMAGERY

REMOTE SENSING

REPRODUCTION

SKYLAB 3

SKYLAB PROGRAM

SPACEBORNE EXPERIMENTS

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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S73-34193

File Name: 10076244.jpg

Film Type: 4x5

Date Taken: 08/01/73

Title: Astronaut Jack Lousma looks at map of Earth in ward room of Skylab cluster

Description:

Astronaut Jack R. Lousma, Skylab 3 pilot, looks at a map of Earth at the food table in the ward room of the Orbital Workshop (OWS). In this photographic reproduction taken from a television transmission made by a color TV camera aboard the Skylab space station cluster in Earth orbit.

Subject terms:

ASTRONAUTS

EXAMINATION

MAPS

REPRODUCTION

SKYLAB 3

SKYLAB PROGRAM

TELEVISION TRANSMISSION



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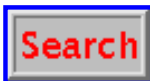


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Last Updated: February 23, 2000



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## Press Release Images



NASA Photo ID: S73-34198

File Name: 10076245.jpg

Film Type: 4x5

Date Taken: 08/01/73

Title: View of Jack Lousma's hands using silverware to gather food at food station

### Description:

A close-up view of Skylab 3 pilot Jack Lousma's hands using a silverware utensil to gather food at the food station, in this photographic reproduction taken from a television transmission made by a color TV camera aboard the Skylab space station in Earth orbit. Astronaut Alan L. Bean, commander, had just zoomed the TV camera in for this closeup of the food tray following a series of wide shots of Lousma at the food station.

### Subject terms:

ASTRONAUTS

FOOD

ORBITAL SPACE STATIONS

REPRODUCTION

SKYLAB 3

SKYLAB PROGRAM

SPACE FLIGHT FEEDING

TELEVISION TRANSMISSION

TRAYS



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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S73-34206

File Name: 10076247.jpg

Film Type: 4x5

Date Taken: 08/08/73

Title: View of Arabella, one of the two Skylab 3 spiders used in experiment  
Description:

A close-up view of Arabella, one of the two Skylab 3 common cross spiders "Araneus diadematus," and the web it had spun in the zero gravity of space aboard the Skylab space station cluster in Earth orbit. This is a photographic reproduction made from a color television transmission aboard Skylab. Arabella and Anita, were housed in an enclosure onto which a motion picture camera and a still camera were attached to record the spiders' attempts to build a web in the weightless environment.

Subject terms:

INSECTS

ORBITAL SPACE STATIONS

REPRODUCTION

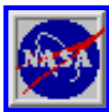
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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S73-34207

File Name: 10076248.jpg

Film Type: 4x5

Date Taken: 08/28/73

Title: Astronaut Alan Bean flies the Astronaut Maneuvering Equipment in the OWS

### Description:

Astronaut Alan L. Bean, Skylab 3 commander, flies the M509 Astronaut Maneuvering Equipment, as seen in this photographic reproduction taken from a television transmission made by a color television camera in the Orbital Workshop (OWS) of the Skylab space station in Earth orbit. Bean is strapped into the back-mounted, hand-controlled Automatically stabilized Maneuvering Unit (ASMU). The M509 exercise was in the forward dome area of the OWS. The dome area is about 22 feet in diameter and 19 feet form top to bottom.

### Subject terms:

ASTRONAUTS

MANNED MANEUVERING UNITS

ORBITAL SPACE STATIONS

REPRODUCTION

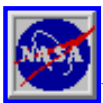
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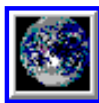
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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S73-34339

File Name: 10076251.jpg

Film Type: 4x5 BW

Date Taken: 09/21/73

Title: Skylab 3 crewmen during press conference while in Earth's orbit

Description:

Astronaut Alan L. Bean, right, Skylab 3 commander, answers a question during the September 21, 1973 press conference from the Skylab space station in Earth orbit. This is a black and white reproduction taken from a television transmission made by a TV camera aboard the Skylab space station. Scientist-Astronaut Owen K. Garriott, center, science pilot; and Astronaut Jack R. Lousma, left, pilot, await questions from newsmen on the ground to be sent up by Scientist-Astronaut Story Musgrave, CAPCOM for this shift of Skylab 3.

Subject terms:

ASTRONAUTS

CONFERENCES

EARTH (PLANET)

NEWS MEDIA

ORBITAL SPACE STATIONS

ORBITS

PUBLIC RELATIONS

PUBLIC SPEAKING

REPRODUCTION

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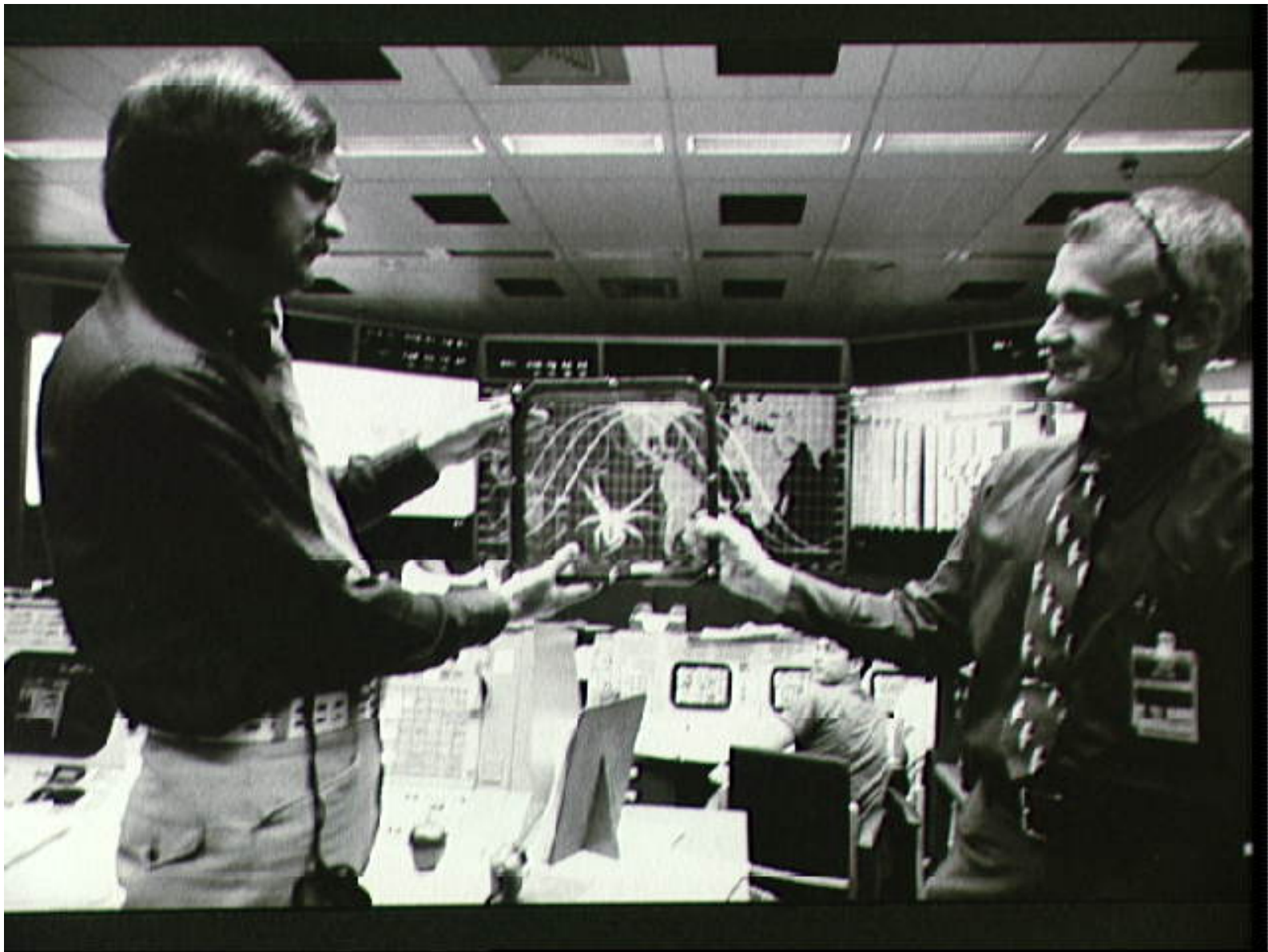
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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S73-34456

File Name: 10076303.jpg

Film Type: 35mm BW

Date Taken: 09/25/73

Title: Personnel in Mission Control examine replica of spider habitat from Skylab 3

### Description:

Flight Director Neil B. Hutchinson, left, and Astronaut Bruce McCandless II hold up a glass enclosure - home for the spider Arachne, which is the same species as the two spiders carried on the Skylab 3 mission. The real spider is the one barely visible at the upper right corner of the square; the larger one is a projected image on the rear-screen-projected map in the front of the Mission Operations Control Room (MOCR) of the Mission Control Center (MCC). McCandless served as backup pilot for the first manned Skylab mission and was a spacecraft-communicator (CAPCOM) for the second crew.

### Subject terms:

CONSOLES

FACILITIES

FLIGHT CONTROL

GROUND BASED CONTROL

HABITATS

INSECTS

INTEGRATED MISSION CONTROL CENTER

JOHNSON SPACE CENTER

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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S73-34553

File Name: 10076302.jpg

Film Type: 35mm BW

Date Taken: 09/27/73

Title: View of Mission Control Center during Skylab 3 recovery

Description:

Overall view of the Mission Operations Control Room (MOCR) in Mission Control Center (MCC), bldg 30, during the Skylab 3 recovery.

Subject terms:

CONSOLES

FACILITIES

FLIGHT CONTROL

GROUND BASED CONTROL

INTEGRATED MISSION CONTROL CENTER

JOHNSON SPACE CENTER

PERSONNEL

RECOVERY

SKYLAB 3

SKYLAB PROGRAM

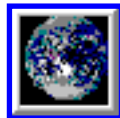
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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S73-34615

File Name: 10076304.jpg

Film Type: 35mm

Date Taken: 09/27/73

Title: Skylab 3 crewmembers greeted on return to Ellington Air Force Base  
Description:

Dr. Christopher C. Kraft Jr., center, shakes hands with Astronaut Jack R. Lousma, Skylab 3 pilot, during welcome ceremonies following crew arrival at Ellington Air Force Base. The crewmen greet their wives after spending 59.5 days in the Skylab space station cluster in Earth orbit. From left to right are Scientist-Astronaut Owen K. Garriot, science pilot; Mrs. Garriott; Dr. Donald K. Slyaton, Director of Flight Crew Operations at JSC; Dr. Kraft; Astronaut Alan L. Bean, commander; Mrs. Bean; and the Lousmas. The group stands in front of the VC-140 (Jet Star) which flew the crewmen from San Diego to Ellington Air Force Base.

Subject terms:

AIRCRAFT

AIRPORTS

ASTRONAUTS

CEREMONIES

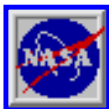
PUBLIC RELATIONS

RUNWAYS

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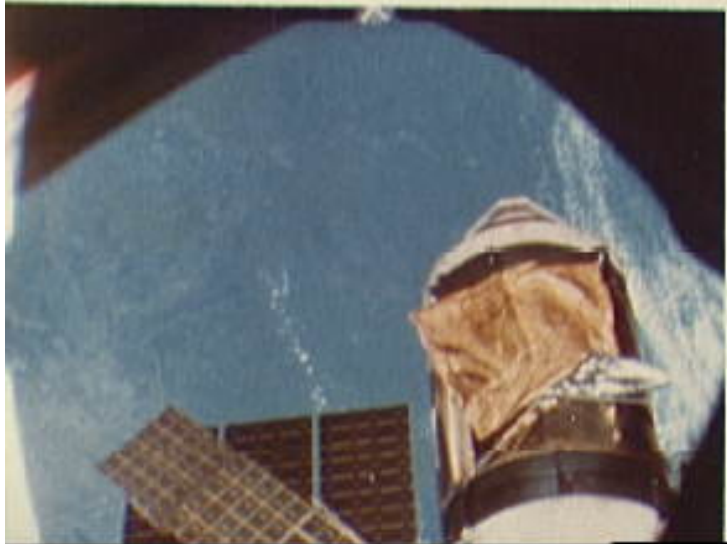
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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S73-34619

File Name: 10076202.jpg

Film Type: 4x5

Date Taken: 07/28/73

Title: Four frame composite showing overhead view of Skylab space station cluster

### Description:

A composite of four frames taken from 16mm movie camera footage showing an overhead view of the Skylab space station cluster in Earth orbit. The Maurer motion picture camera scenes were being filmed during the Skylab 3 Command/Service Module's (CSM) first "fly around" inspection of the space station. Close comparison of the four frames reveals movement of the improvised parasol solar shield over the Orbital Workshop (OWS). The "flapping" of the sun shade was caused from the exhaust of the reaction control subsystem (RCS) thrusters of the Skylab 3 CSM. The one remaining solar array system wing on the OWS is in the lower left background. The solar panel in the lower left foreground is on the Apollo Telescope Mount (ATM).

### Subject terms:

COMPOSITES

EARTH (PLANET)

MOSAICS

ORBITAL SPACE STATIONS

ORBITS

SKYLAB 3

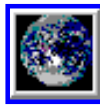
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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S73-34857

File Name: 10076293.jpg

Film Type: 4x5

Date Taken: 10/05/73

Title: Mosaic view of Main island of Hawaii made from Skylab 3 views

Description:

Mosaic view of the main island of Hawaii; made from two views taken during Skylab 3 mission.

Subject terms:

EARTH OBSERVATIONS (FROM SPACE)

HAWAII

ISLANDS

MOSAICS

PHOTOGRAPHY

SKYLAB 3

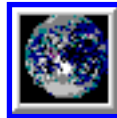
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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S73-35078

File Name: 10076279.jpg

Film Type: 70mm

Date Taken: 08/15/73

Title: View of Phoenix, Arizona metropolitan area

Description:

A near vertical view of the Phoenix, Arizona metropolitan area is seen in this Skylab 3 Earth Resources Experiments Package S190-B (five-inch earth terrain camera) photograph taken from the Skylab space station in earth orbit. Also in the picture are Scottsdale, Paradise Valley, Tempe, Mesa, Laveen, Komatke, Salt River Indian Reseravation, and part of the Gila River Indian Reservation. Features which can be detected from the photograph include: cultural patterns defined by commercial, industrial, agricultural and residential areas; transportation networks consisting of major corridors, primary, secondary, and feeder streets; major urban developments on the area such as airports, Squaw Peak City Park, Turf Paradise Race Track and the State Fair grounds.

Subject terms:

ARIZONA

CITIES

EARTH OBSERVATIONS (FROM SPACE)

INFRARED PHOTOGRAPHY

ONBOARD ACTIVITIES

SKYLAB 3

SKYLAB PROGRAM

SPACEBORNE EXPERIMENTS

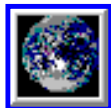
TRANSPORTATION



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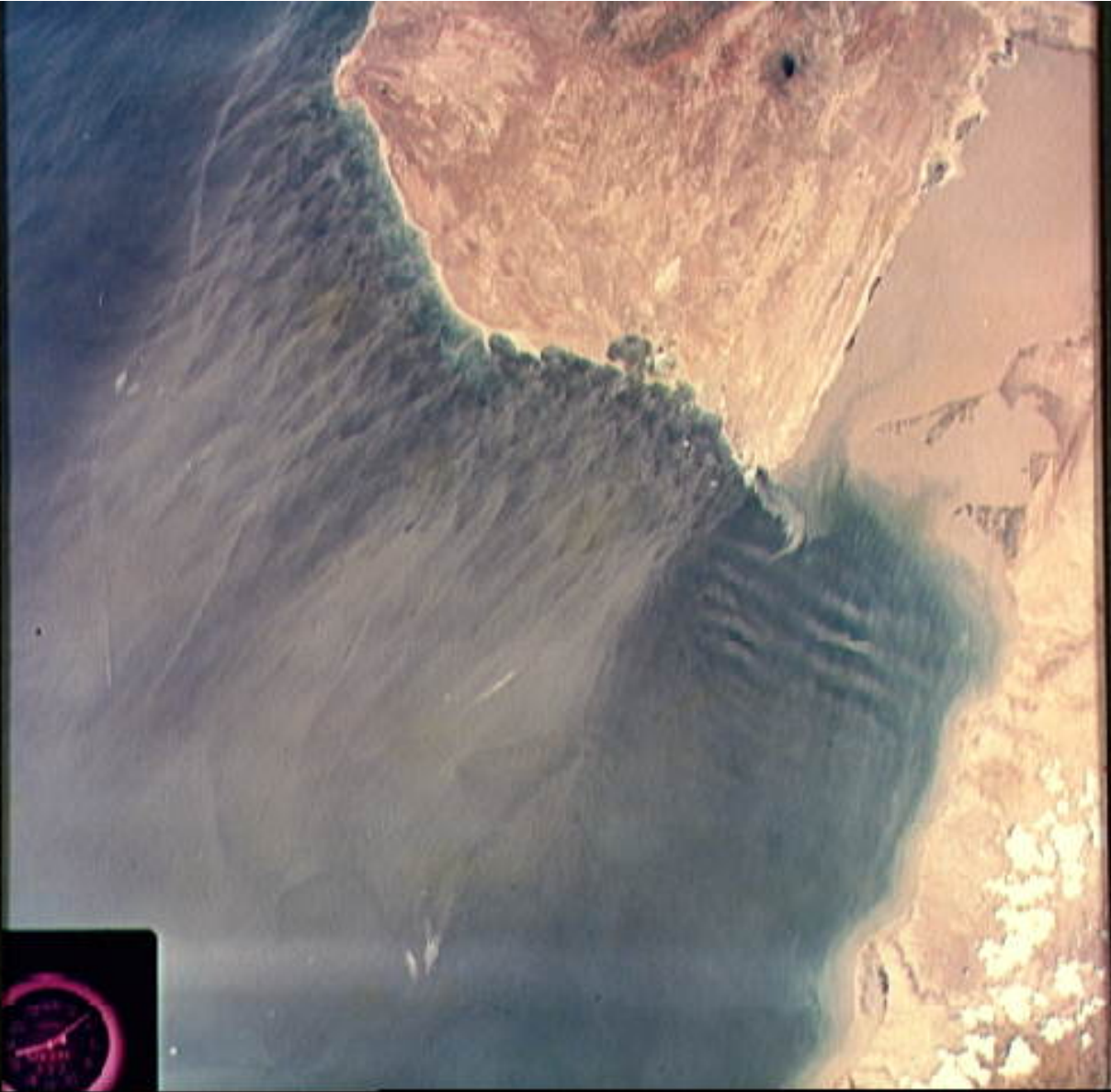
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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S73-35079

File Name: 10076280.jpg

Film Type: 70mm

Date Taken: 08/15/73

Title: View of the Caribbean coast of Venezuela

### Description:

A near vertical view of the Caribbean coast of Venezuela is seen in this Skylab 3 Earth Resources Experiment Package S190-B (five-inch earth terrain camera) photograph taken from the Skylab space station in Earth orbit. The large body of water is the Golfo de Venezuela; and the major land mass is the Peninsula de Paraguana. The view is looking northward from the mouth of the Golfete de Coro and Punta Cardon to Punta Macolia. The peninsula is connected to the Venezuelan mainland by the narrow strip of land in the most easterly corner of the picture. The dry, arid climate of the peninsula is indicated by sparse vegetation and the abundance of sand dunes. The highest point is about 2,700 feet above the sea and is the conspicuous black spot. Old raised shorelines features appear as streaks parallel to the Golfete de Coro. Water of the Golfete de Coro is red from the high sediment content. The streaks in the water off the peninsula is apparently an effect of wind which is blowing sand and water off-shore.

### Subject terms:

COASTS

EARTH OBSERVATIONS (FROM SPACE)

INFRARED PHOTOGRAPHY

OCEANS

ONBOARD ACTIVITIES

PENINSULAS

SKYLAB 3

SKYLAB PROGRAM

SPACEBORNE EXPERIMENTS

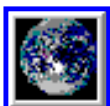
VENEZUELA



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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S73-35080

File Name: 10076281.jpg

Film Type: 70mm

Date Taken: 08/15/73

Title: View of northeast Oklahoma and metropolitan Tulsa area

### Description:

A vertical view of northeast Oklahoma and the metropolitan Tulsa area is seen in this Skylab 3 Earth Resources Experiments Package S190-B (five-inch earth terrain camera) photograph taken from the Skylab space station in Earth orbit. The Arkansas River meanders across the southern (lower portion) of the photograph passing through Tulsa as it flows southeastward. Oologah Reservoir, the long body of water, is located northeast of Tulsa. Lake Hudson is the body of water in the right corner of the picture. Keystone Reservoir is to the west and upstream from Tulsa. Westward from Tulsa U.S. 64 makes a 45 degree bend as it turns northwest to cross the Keystone Reservoir. The thin white line over the Oologah Reservoir is a highway bridge. Bartlesville is on U.S. 75 near the north (top) corner of the picture. The Tulsa International Airport is immediately northeast of downtown Tulsa. Several smaller airfields are visible in the surrounding area. Toll roads and other major highways are clearly visible in the picture. Claremore is northeast of Tulsa on U.S. 66 with the Will Rogers Turnpike passing nearby. Sapulpa is southwest of Tulsa on the Turner Turnpike which leads toward Oklahoma City.

### Subject terms:

CITIES

EARTH OBSERVATIONS (FROM SPACE)

INFRARED PHOTOGRAPHY

LAKES

OKLAHOMA

ONBOARD ACTIVITIES

RIVERS

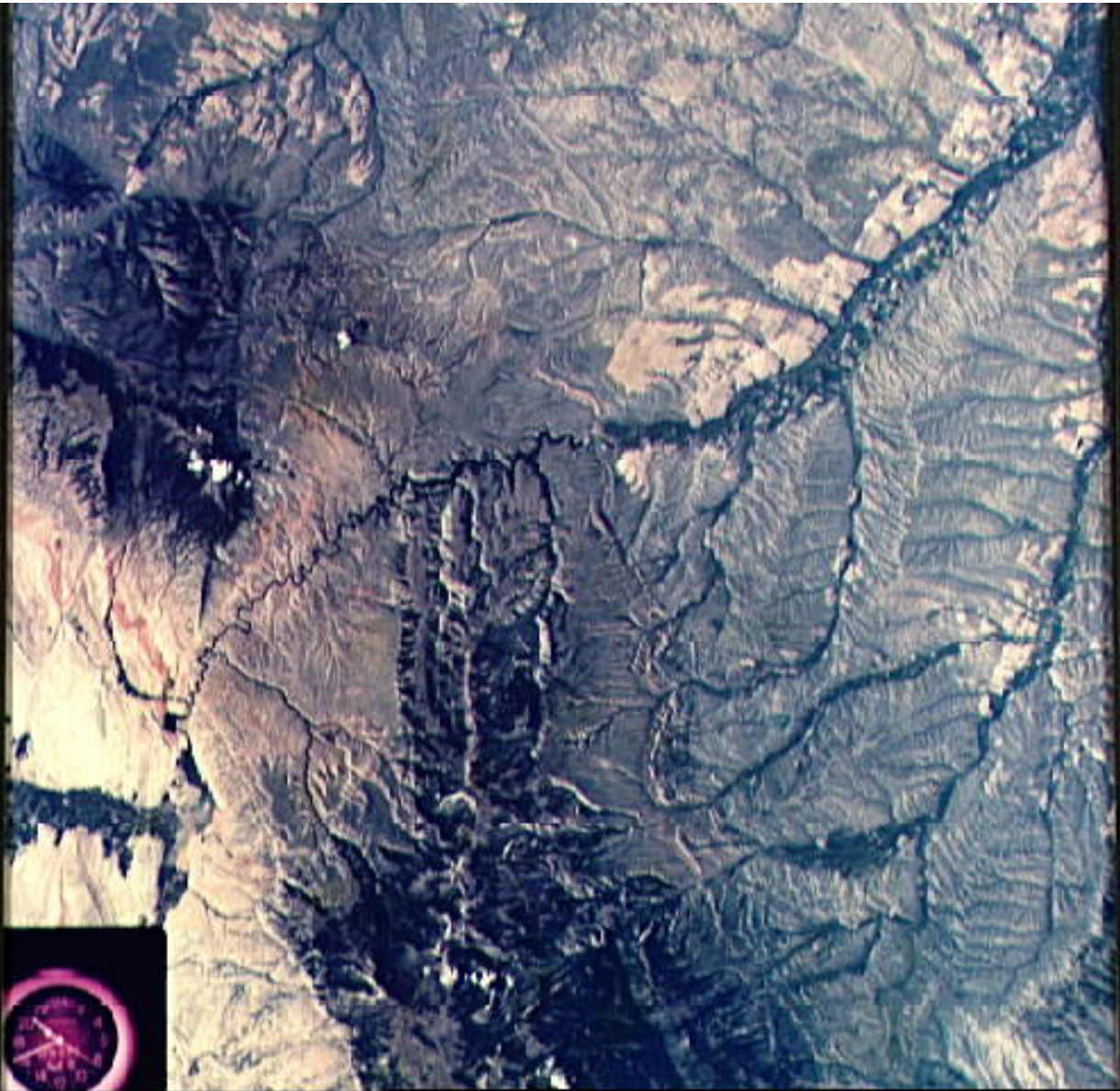
SKYLAB 3

SKYLAB PROGRAM

SPACEBORNE EXPERIMENTS

TRANSPORTATION

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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S73-35081

File Name: 10076282.jpg

Film Type: 70mm

Date Taken: 08/15/73

Title: View of north central Wyoming and southern Montana

Description:

A view of approximately 3,600 square miles of north central Wyoming and southern Montana as seen in this Skylab 3 Earth Resources Experiments Package S190-B (five-inch earth terrain camera) photograph taken from the Skylab space station in Earth orbit. The Big Horn River flowing northward crosses between the northwest trending Big Horn Mountains and the Pryor Mountains. Yellowtail Reservoir, in the center of the picture, is impounded by a dam across the Big Horn River. A sharp contrast is clearly evident between the small rectangular crop areas along the Big Horn River (upper right) and the strip farming (yellow) practiced on the rolling hill along the Big Horn River and its tributaries (upper left corner and right edge). The low sun angle enhances the structural features of the mountains as well as the drainage patterns in the adjacent basins. Rock formations appear in this color photograph as they would to the eye from this altitude. The distinctive redbeds can be traced along the front of the Pryor Mountains and indicate the folding that occurred during mountain building.

Subject terms:

AGRICULTURE

EARTH OBSERVATIONS (FROM SPACE)

INFRARED PHOTOGRAPHY

LAKES

MONTANA

MOUNTAINS

ONBOARD ACTIVITIES

RIVERS

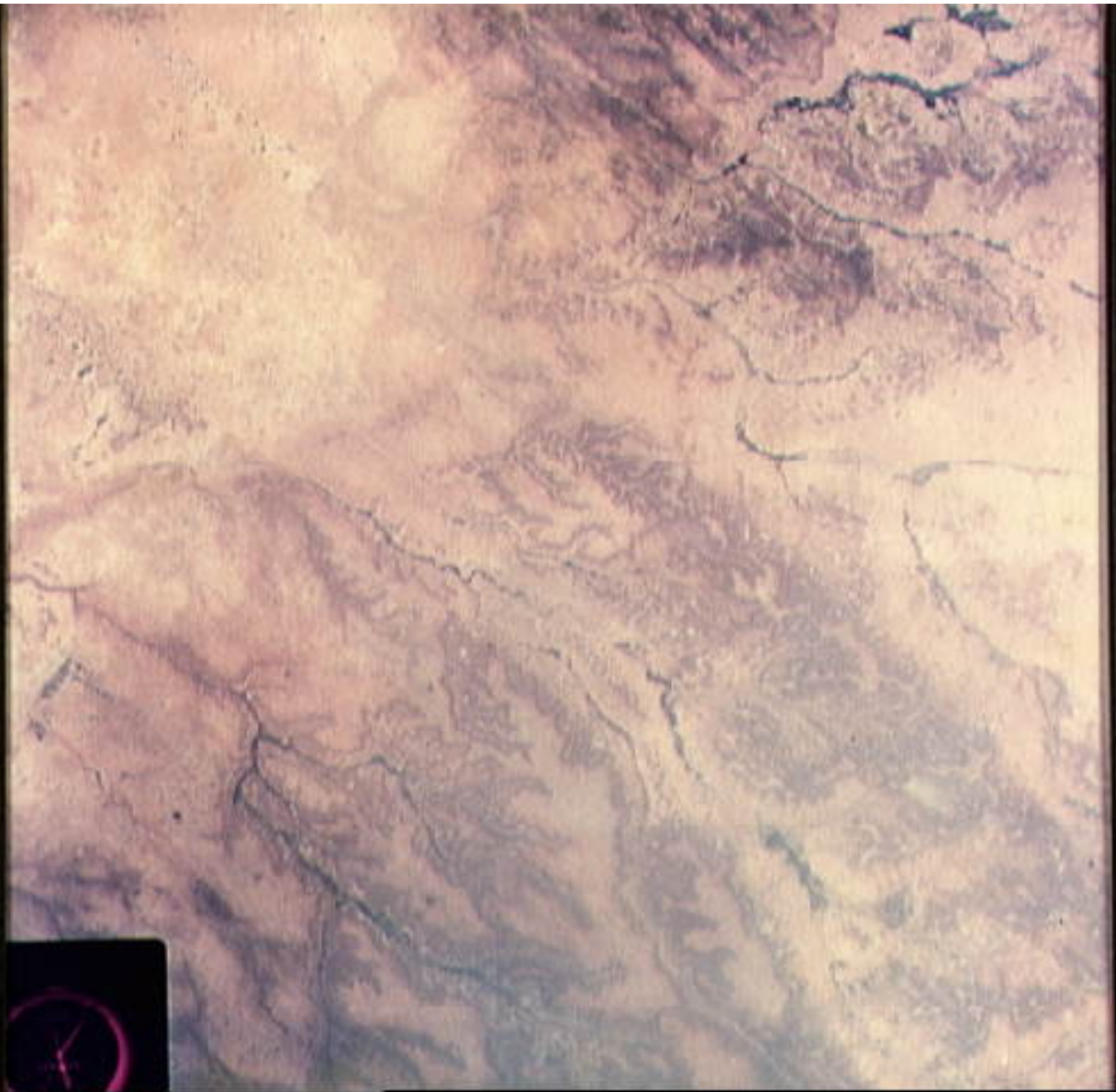
SKYLAB 3

SKYLAB PROGRAM

SPACEBORNE EXPERIMENTS

WYOMING

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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S73-35082

File Name: 10076283.jpg

Film Type: 70mm

Date Taken: 08/15/73

Title: View of east Africa ravaged by drought

Description:

A near vertical view of a portion of east Africa ravaged by drought for the past five years is seen in this Skylab 3 Earth Resources Experiments Package S190-B (five-inch earth terrain camera) photograph taken from the Skylab space station in Earth orbit. The semi-desert scene is in southwestern Niger.

Subject terms:

AFRICA

AGRICULTURE

CITIES

DESERTS

EARTH OBSERVATIONS (FROM SPACE)

INFRARED PHOTOGRAPHY

NIGERIA

ONBOARD ACTIVITIES

SKYLAB 3

SKYLAB PROGRAM

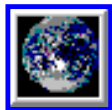
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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S73-35083

File Name: 10076284.jpg

Film Type: 70mm

Date Taken: 08/15/73

Title: View of Mediterranean coast of France

Description:

A vertical view of the Mediterranean coast of France is seen in this Skylab 3 Earth Resources Experiments Package S190-B (five-inch earth terrain camera) photograph taken from the Skylab space station in Earth orbit. This view includes the port cities of Marseilles (near center) and Toulon (far right). The mouth of the Rhone River is on the left. The irregular L-shaped inland body of water is Etang de Berre and is connected to the sea by a narrow canal. The city of Martiques is on the inland side of the canal. Cloud formations form narrow bands or streets along the coast east of Martiques and over the water. Cultural features such as major highways are indicated by thin white lines. Harbor facilities (wharves) and inner city patterns are distinctive in Marseilles and Toulon. The light tan areas in the regions inland from the major cities represent farming communities. The patterns are well shown in the vicinity of the Rhone River. The geology of the region is complex as illustrated by several circular features (left center) indicating folding and faulting of the rocks.

Subject terms:

AGRICULTURE

CITIES

COASTS

EARTH OBSERVATIONS (FROM SPACE)

FRANCE

INFRARED PHOTOGRAPHY

MEDITERRANEAN SEA

ONBOARD ACTIVITIES

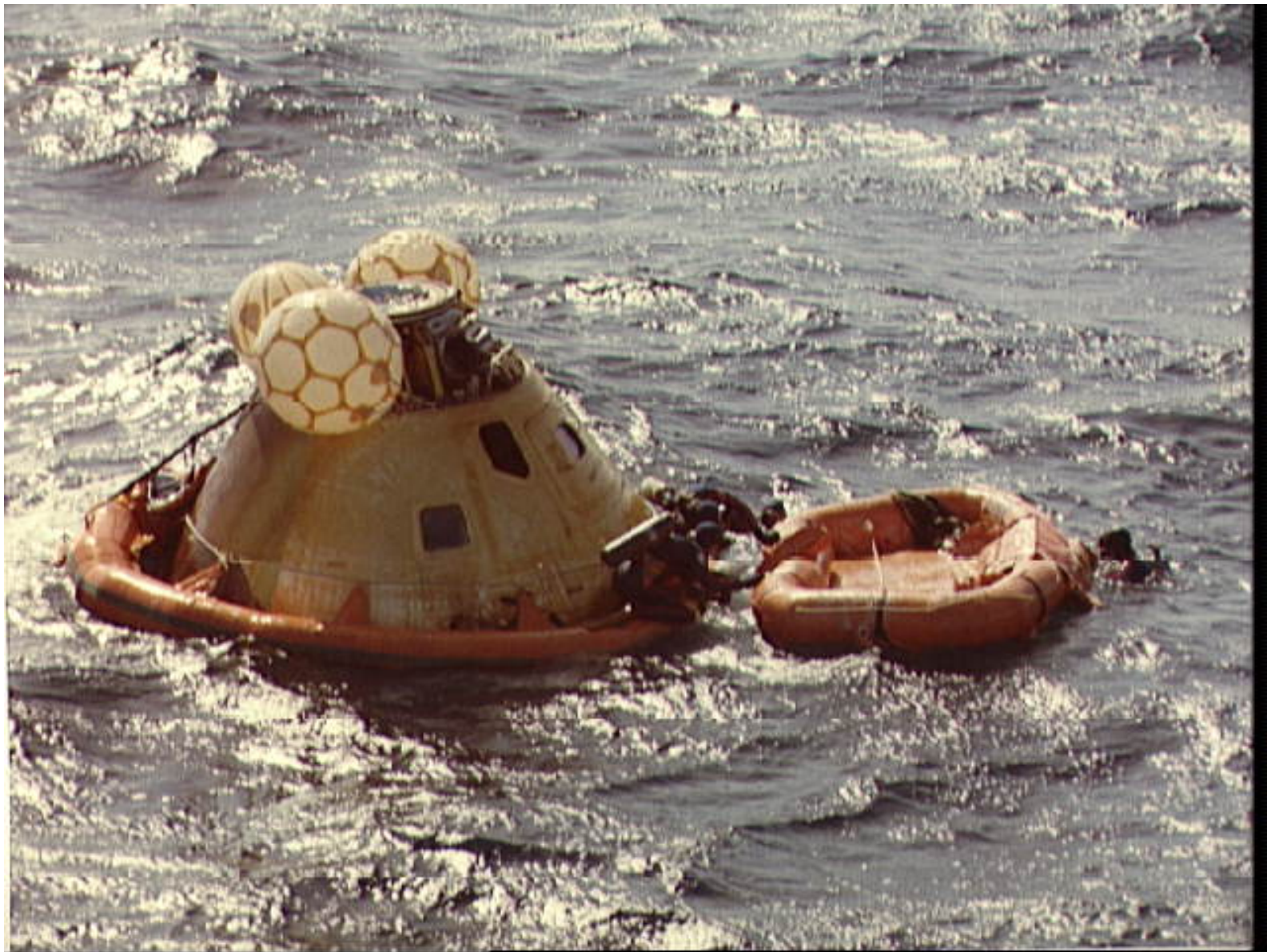
RIVERS

SKYLAB 3

SKYLAB PROGRAM

SPACEBORNE EXPERIMENTS

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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S73-36401

File Name: 10076298.jpg

Film Type: 4x5

Date Taken: 09/25/73

Title: Navy swimmers assist with recovery of Skylab 3 Command Module

Description:

A team of U.S. Navy swimmers assist with the recovery of the Skylab 3 Command Module following its splashdown in the Pacific Ocean about 230 miles southwest of San Diego, California. The swimmers had just attached a flotation collar to the spacecraft to improve its buoyancy.

Subject terms:

COMMAND MODULES

DIVERS

NAVY

PACIFIC OCEAN

RECOVERY

SKYLAB 3

SKYLAB PROGRAM

SPACECRAFT RECOVERY

WATER LANDING



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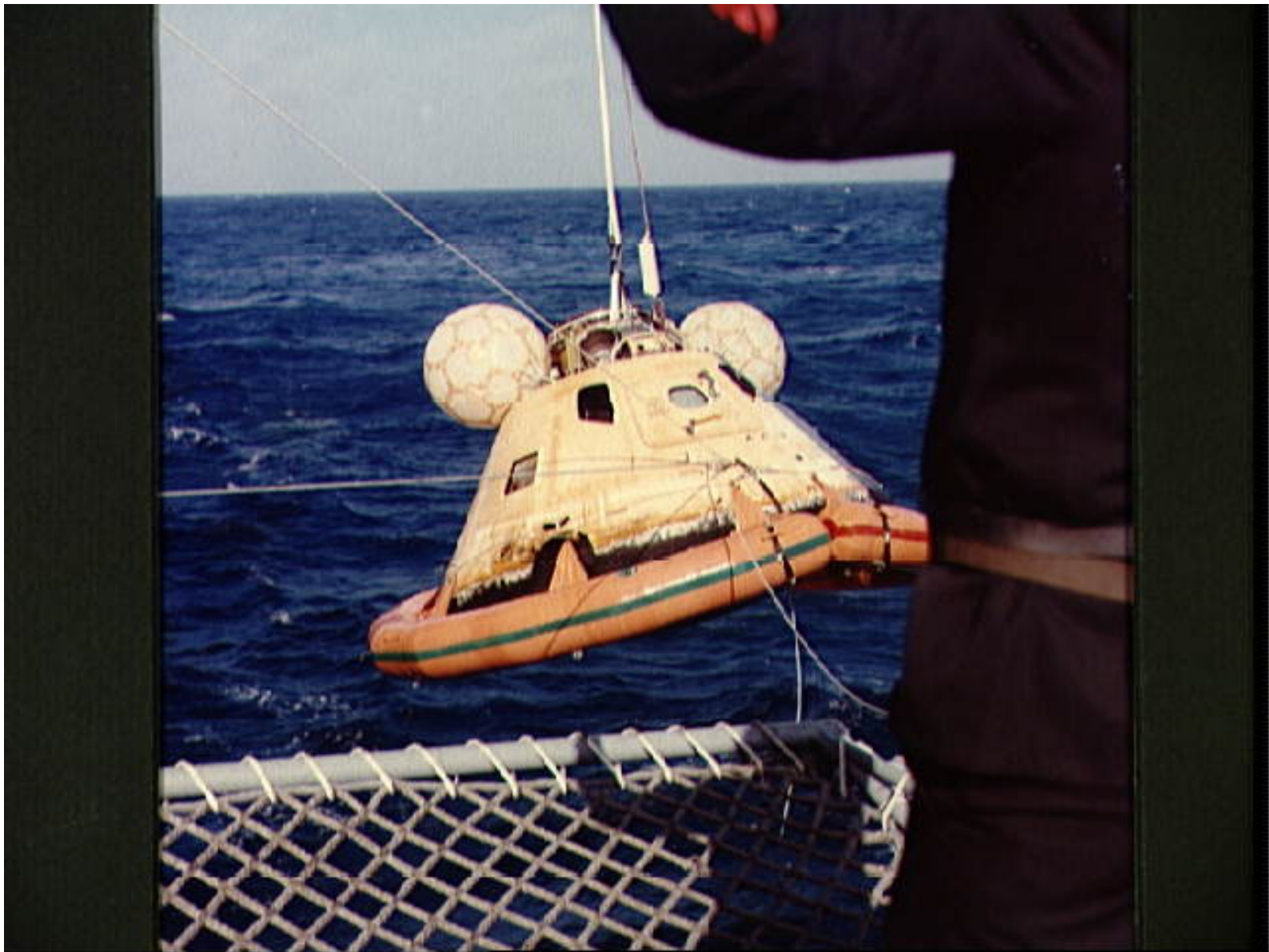
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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S73-36423

File Name: 10076299.jpg

Film Type: 4x5

Date Taken: 09/25/73

Title: Skylab 3 Command Module is hoisted aboard prime recovery ship

Description:

The Skylab 3 Command Module, with Astronauts Alan L. Bean, Owen K. Garriott and Jack R. Lousma still inside, is hoisted aboard the prime recovery ship, U.S.S. New Orleans, during recovery operations in the Pacific Ocean.

Subject terms:

COMMAND MODULES

CRANES

LOADING

NAVY

PACIFIC OCEAN

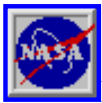
RECOVERY

SHIPS

SKYLAB 3

SKYLAB PROGRAM

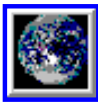
SPACECRAFT RECOVERY



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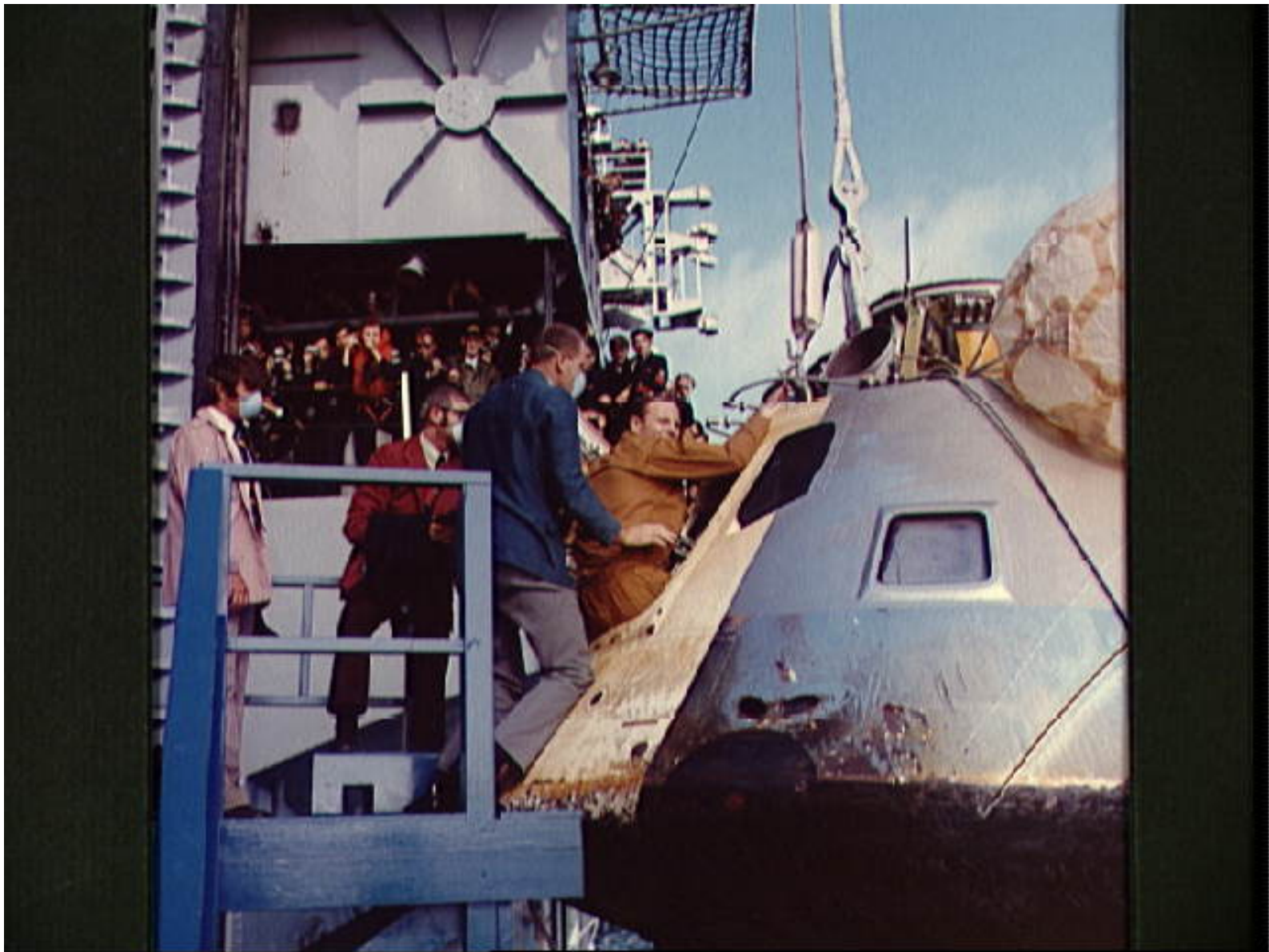
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Last Updated: February 23, 2000



# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S73-36435

File Name: 10076300.jpg

Film Type: 4x5

Date Taken: 09/25/73

Title: Astronaut Jack Lousma egresses Skylab 3 Command Module

Description:

Astronaut Jack R. Lousma, Skylab 3 pilot, egresses the Skylab 3 Command Module aboard the prime recovery ship, U.S.S. New Orleans, during recovery operations in the Pacific Ocean. Note surgical masks on those assisting Lousma. This is to prevent the astronauts from contracting infections.

Subject terms:

ASTRONAUTS

COMMAND MODULES

EGRESS

NAVY

PACIFIC OCEAN

RECOVERY

SHIPS

SKYLAB 3

SKYLAB PROGRAM

SPACECRAFT RECOVERY



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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S73-36451

File Name: 10076301.jpg

Film Type: 4x5

Date Taken: 09/25/73

Title: Skylab 3 crewmen aboard prime recovery ship, U.S.S. New Orleans

Description:

The three crewmen of the Skylab 3 mission are seen aboard the prime recovery ship, U.S.S. New Orleans, following their successful 59-day visit to the Skylab space station in Earth orbit. They are, left to right, Astronaut Jack R. Lousma, pilot; Scientist-Astronaut Owen K. Garriott, science pilot; and Astronaut Alan L. Bean, commander. They are seated atop a platform of a fork-lift dolly. Recovery support personnel are wearing face masks to prevent exposing the crewmen to disease.

Subject terms:

ASTRONAUTS

NAVY

PUBLIC RELATIONS

RECOVERY

SHIPS

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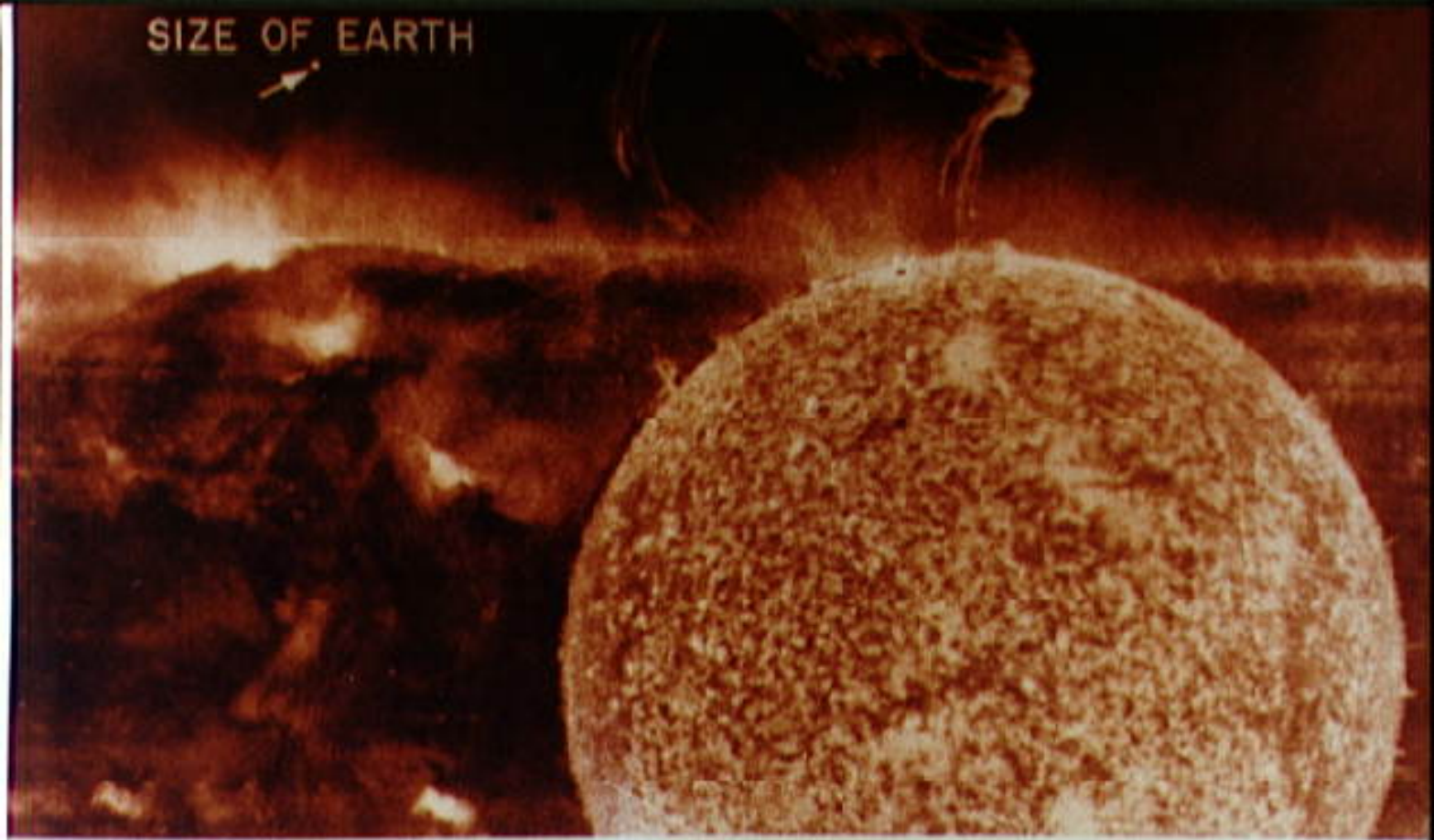
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SIZE OF EARTH



IRON<sup>+14</sup> (284Å)

HELIUM<sup>+</sup> (304Å) & HUGE ERUPTION

NAVAL RESEARCH LABORATORY

# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S74-15583

File Name: 10076294.jpg

Film Type: 8x10

Date Taken: 01/01/74

Title: ATM photo of the sun taken form S082 experiment

Description:

One Apollo Telescope Mount (ATM) photo of the sun (Helium + (304A) + Huge Eruption) taken from the S082A Extreme Ultraviolet Spectroheliograph experiment.

Subject terms:

ONBOARD ACTIVITIES

PHOTOGRAPHY

SKYLAB 3

SKYLAB PROGRAM

SOLAR ATMOSPHERE

SOLAR FLARES

SPACEBORNE EXPERIMENTS

SPACEBORNE TELESCOPES

SUN

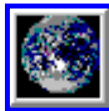
ULTRAVIOLET PHOTOGRAPHY



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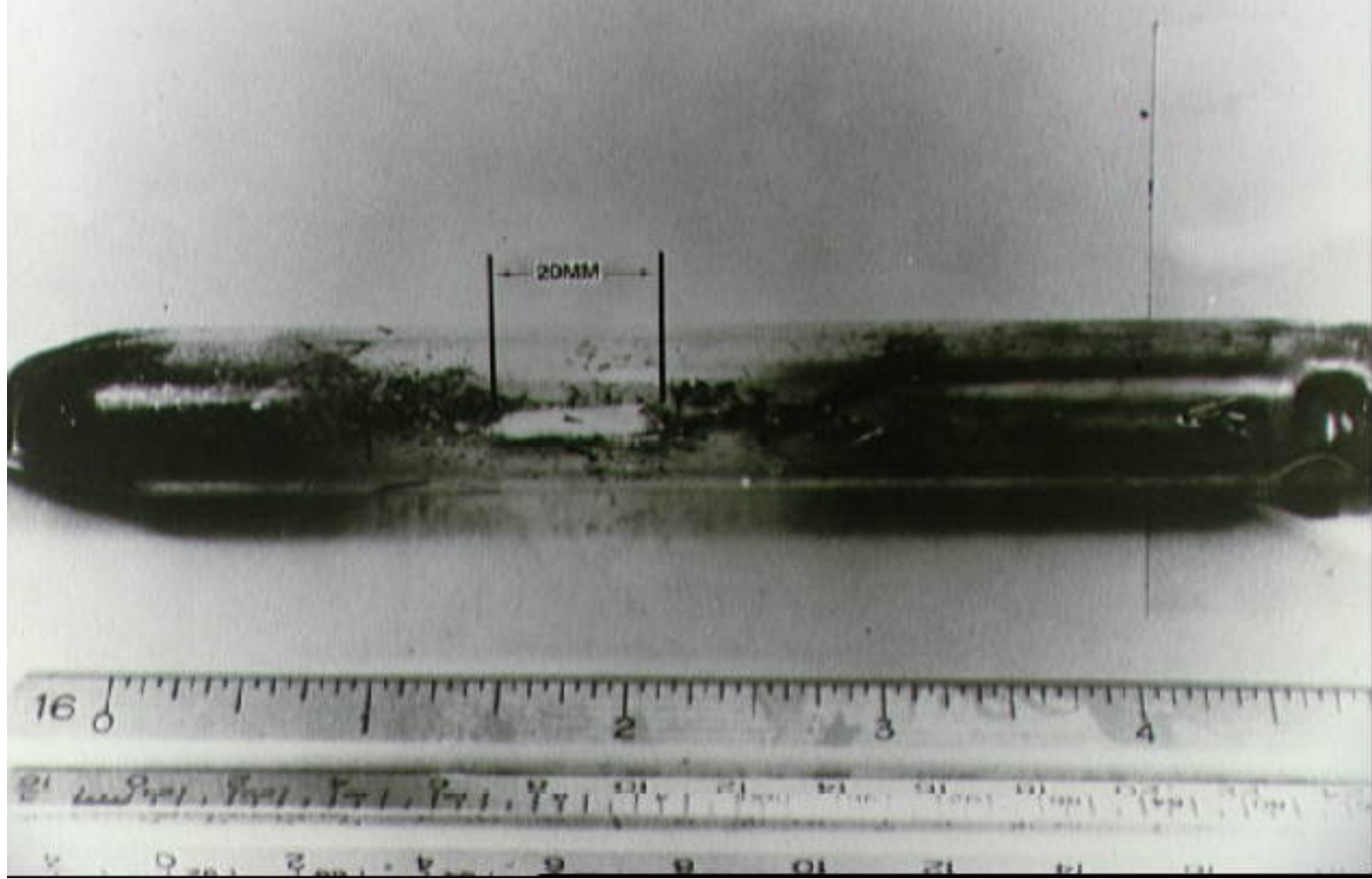
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SPACE GROWN (ZERO G) SEMICONDUCTOR CRYSTALS (GERMANIUM SELENIDE)

Skylab Experiment M555, single crystal, vapor growth



# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S74-19677

File Name: 10076305.jpg

Film Type: 4x5 BW

Date Taken: 04/03/74

Title: View of space grown semiconductor crystals grown as Skylab 4 experiment

Description:

View of space grown (zero-g) semiconductor crystals ( Germanium Selenide) grown as part of the Skylab 4 experiment M556, single crystal vapor growth.

Subject terms:

CRYSTAL GROWTH

EXAMINATION

MINERALS

SKYLAB 4

SKYLAB PROGRAM

SPACEBORNE EXPERIMENTS

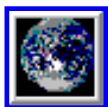
ZERO GRAVITY



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Last Updated: February 23, 2000



# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: SL3-107-1215

File Name: 10076227.jpg

Film Type: 35mm

Date Taken: 08/27/73

Title: Astronaut Alan Bean flies the Astronaut Maneuvering Equipment

Description:

Astronaut Alan L. Bean, Skylab 3 commander, flies the M509 Astronaut Maneuvering Equipment in the forward dome area of the Orbital Workshop (OWS) on the space station cluster in Earth orbit. Bean is strapped in to the back-mounted, hand-controlled Automatically Stabilized Maneuvering Unit (ASMU). This ASMU experiment is being done in shirt sleeves. The dome area where the experiment is conducted is about 22 feet in diameter and 19 feet from top to bottom.

Subject terms:

ASTRONAUTS

MANNED MANEUVERING UNITS

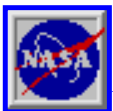
ORBITAL SPACE STATIONS

SKYLAB 3

SKYLAB PROGRAM

SPACEBORNE EXPERIMENTS

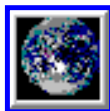
TESTING



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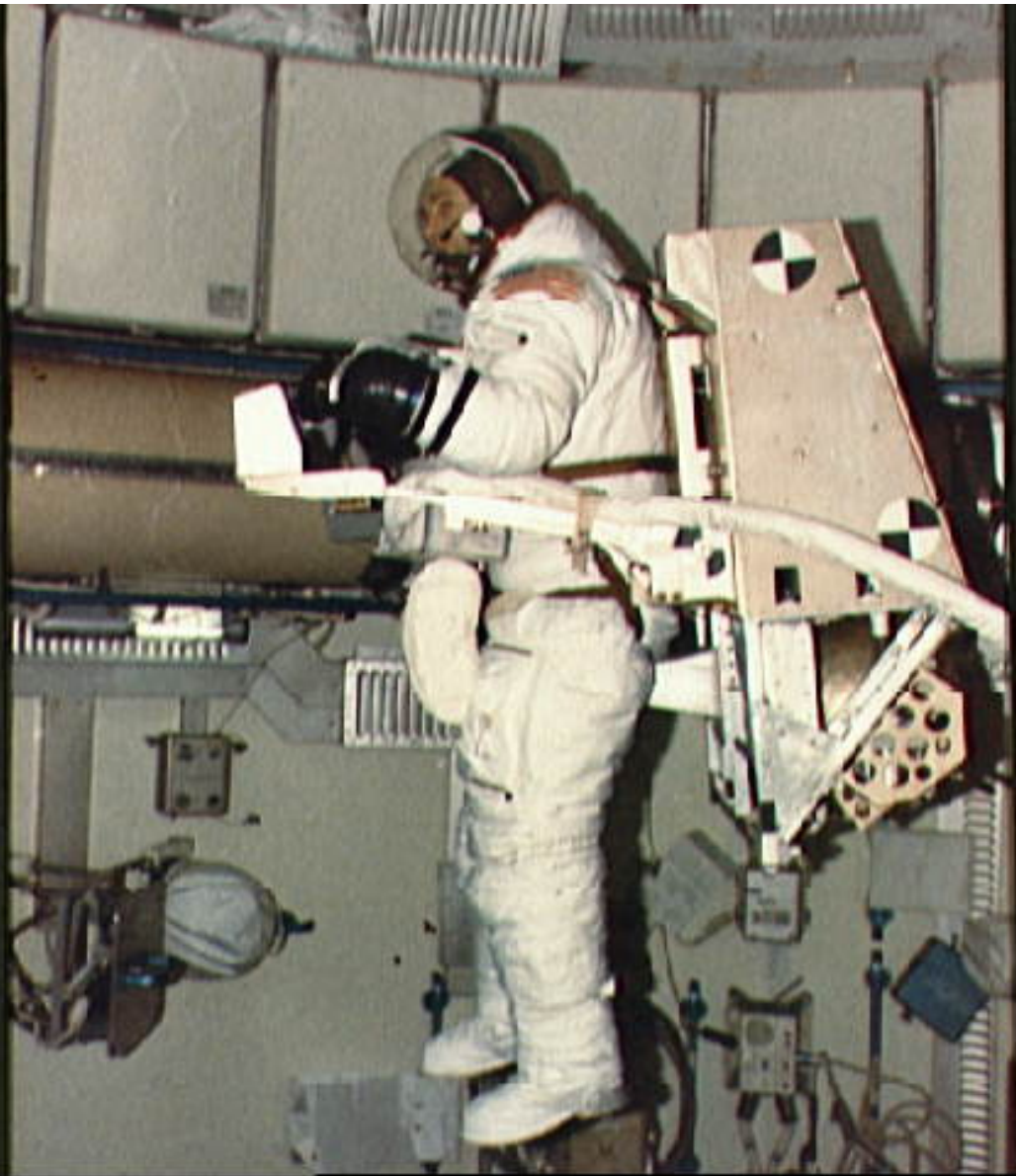
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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: SL3-108-1268

File Name: 10076217.jpg

Film Type: 35mm

Date Taken: 08/18/73

Title: Astronaut Alan Bean flies the Astronaut Maneuvering Equipment

Description:

Astronaut Alan L. Bean, Skylab 3 commander, flies the M509 Astronaut Maneuvering Equipment in the forward dome area of the Orbital Workshop (OWS) on the space station cluster in Earth orbit. Bean is strapped in to the back-mounted, hand-controlled Automatically Stabilized Maneuvering Unit (ASMU). He is wearing a pressure suit for this run of the M509 experiment, but other ASMU tests are done in shirt sleeves. The dome area where the experiment is conducted is about 22 feet in diameter and 19 feet from top to bottom.

Subject terms:

ASTRONAUTS

EXTRAVEHICULAR MOBILITY UNITS

MANNED MANEUVERING UNITS

ORBITAL SPACE STATIONS

SKYLAB 3

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SPACEBORNE EXPERIMENTS

TESTING



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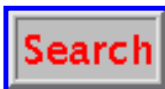


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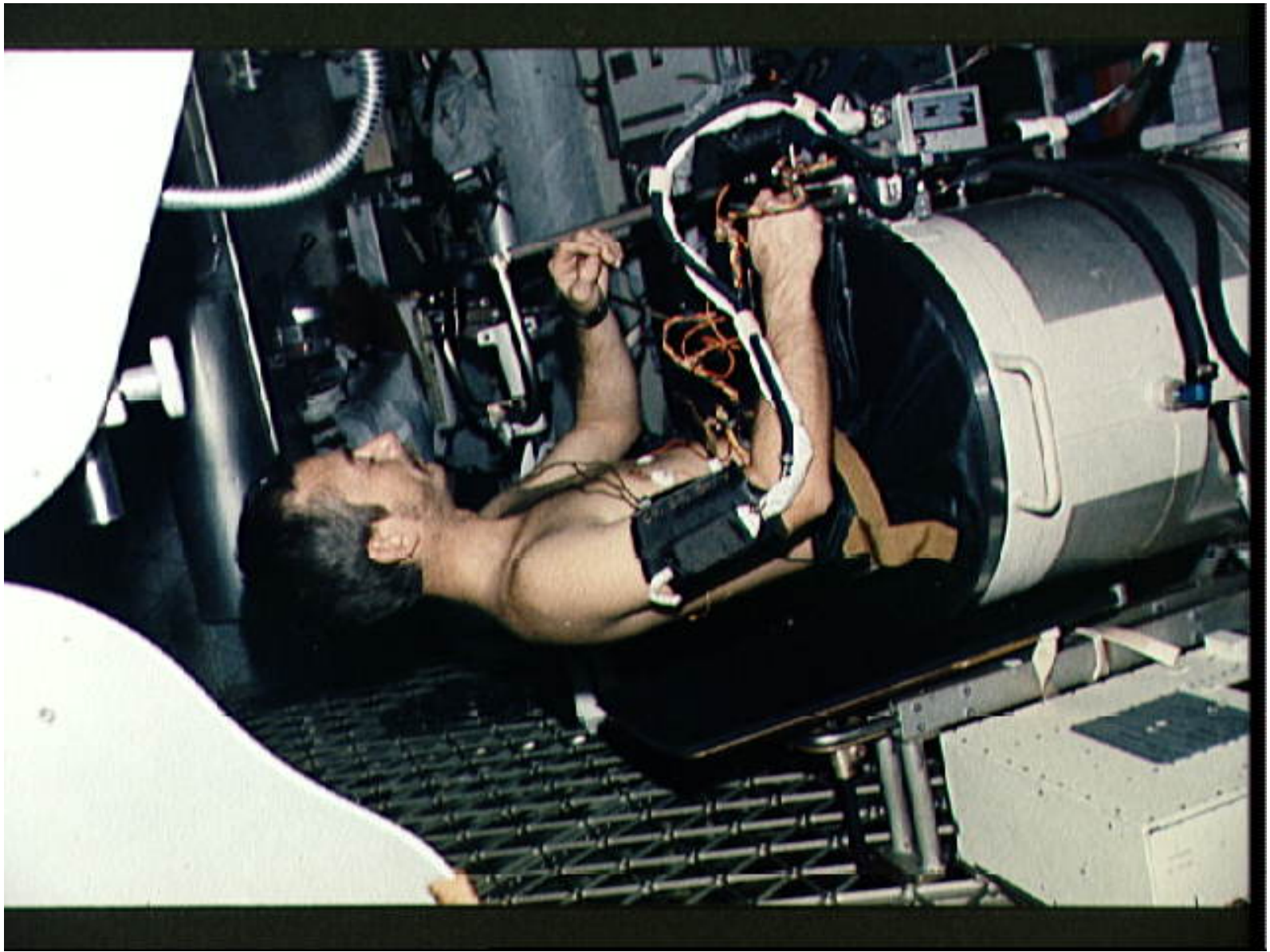
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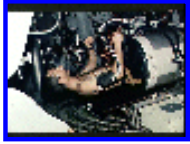
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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: SL3-108-1278

File Name: 10076218.jpg

Film Type: 35mm

Date Taken: 08/06/73

Title: Astronaut Owen Garriott lies in Lower Body Negative Pressure Device

Description:

Scientist-Astronaut Owen K. Garriott, science pilot, lies in the Lower Body Negative Pressure Device (LBNPD) in the work and experiments area of the Orbital Workshop (OWS) crew quarters of the Skylab space station cluster in Earth orbit. The LBNPD (M092) Experiment is to provide information concerning the time course of cardiovascular adaptation during flight and to provide inflight data for predicting the degree of orthostatic intolerance and impairment of physical capacity to be expected upon return to Earth environment. The bicycle ergometer is in the right foreground.

Subject terms:

ASTRONAUTS

BLOOD PRESSURE

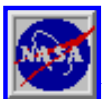
CARDIOVASCULAR SYSTEM

LOWER BODY NEGATIVE PRESSURE

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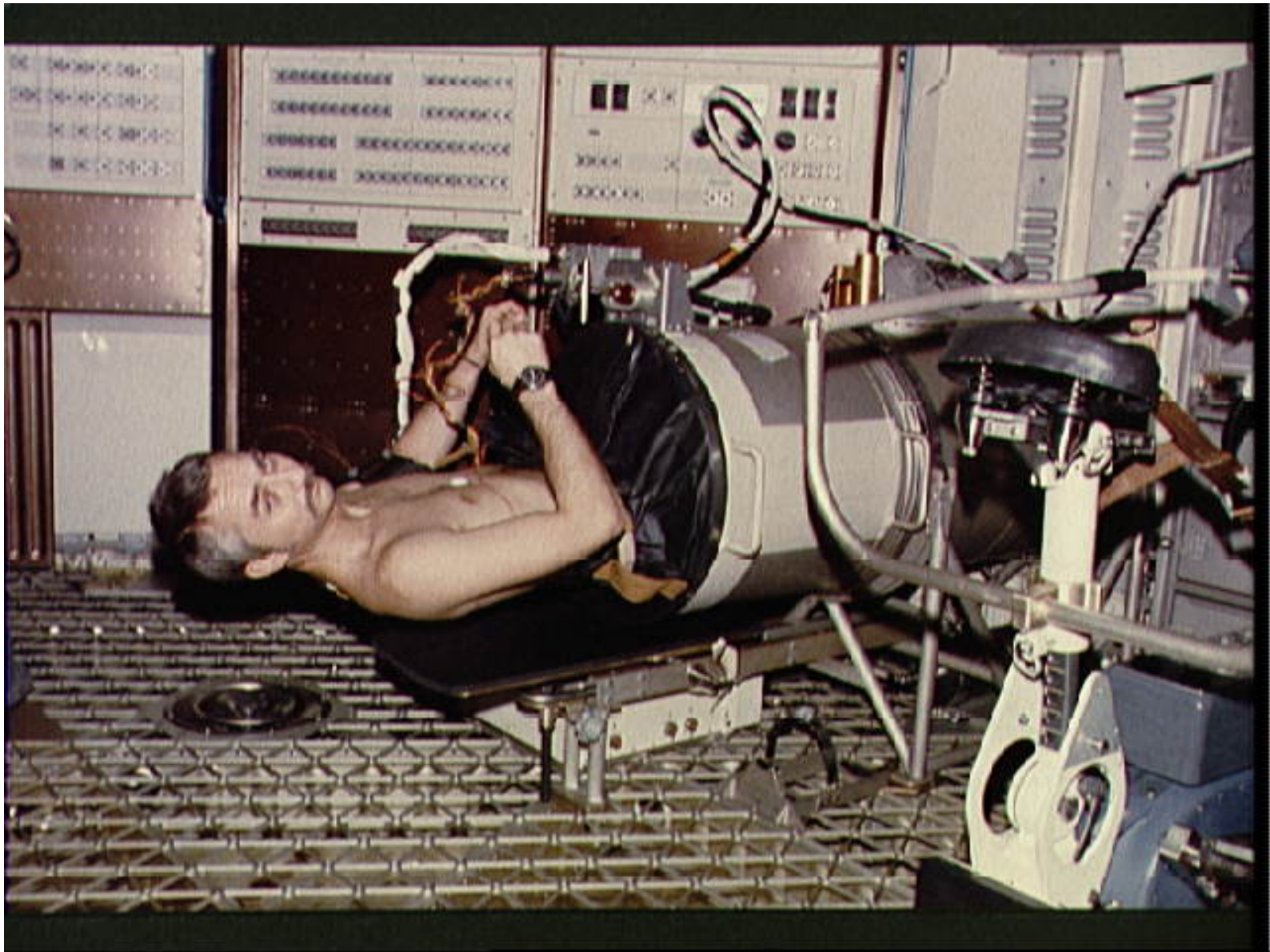
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Fax: (281) 483-2848

NASA Technical Monitor: [Scott Norr](#)



# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: SL3-108-1279

File Name: 10076219.jpg

Film Type: 35mm

Date Taken: 08/06/73

Title: Astronaut Owen Garriott lies in Lower Body Negative Pressure Device

Description:

Scientist-Astronaut Owen K. Garriott, science pilot, lies in the Lower Body Negative Pressure Device (LBNPD) in the work and experiments area of the Orbital Workshop (OWS) crew quarters of the Skylab space station cluster in Earth orbit. The LBNPD (M092) Experiment is to provide information concerning the time course of cardiovascular adaptation during flight and to provide inflight data for predicting the degree of orthostatic intolerance and impairment of physical capacity to be expected upon return to Earth environment. The bicycle ergometer is in the right foreground.

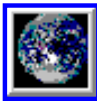
Subject terms:



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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: SL3-108-1288

File Name: 10076220.jpg

Film Type: 35mm

Date Taken: 08/08/73

Title: Astronaut Owen Garriott at the Apollo Telescope Mount console

Description:

Scientist-Astronaut Owen K. Garriott, science pilot of the Skylab 3 mission, is stationed at the Apollo Telescope Mount (ATM) console in the Multiple Docking Adapter of the Skylab space station in Earth orbit. From this console the astronauts actively control the ATM solar physics telescope.

Subject terms:

ASTRONAUTS

CONSOLES

CREW WORKSTATIONS

ORBITAL SPACE STATIONS

SKYLAB 3

SKYLAB PROGRAM

SPACEBORNE TELESCOPES



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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: SL3-108-1292

File Name: 10076221.jpg

Film Type: 35mm

Date Taken: 08/19/73

Title: Astronaut Owen Garriott trims hair of Astronaut Alan Bean

Description:

Scientist-Astronaut Owen K. Garriott, Skylab 3 science pilot, trims the hair of Astronaut Alan L. Bean, commander, in this on-board photograph from the Skylab Orbital Workshop (OWS). Bean holds a vacuum hose to gather in loose hair.

Subject terms:

ASTRONAUTS

CUTTING

HAIR

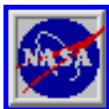
HOSES

HYGIENE

SKYLAB 3

SKYLAB PROGRAM

VACUUM APPARATUS



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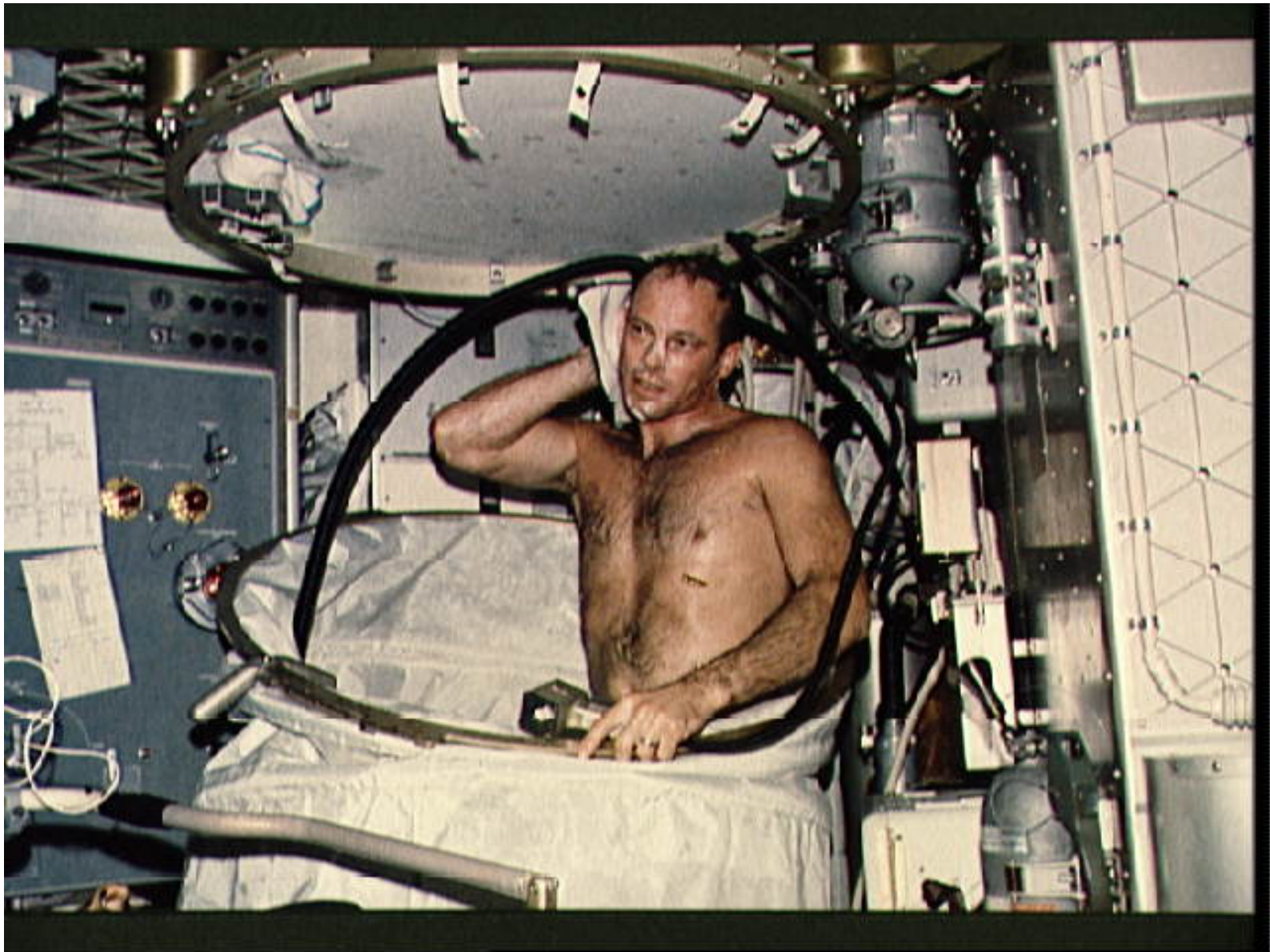
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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: SL3-108-1295

File Name: 10076223.jpg

Film Type: 70mm

Date Taken: 08/16/73

Title: Astronaut Jack Lousma taking hot bath

Description:

A closeup view of Astronaut Jack R. Lousma, Skylab 3 pilot, taking a hot bath in the crew quarters of the Orbital Workshop (OWS) of the Skylab space station cluster in Earth orbit. In deploying the shower facility, the shower curtain is pulled up from the floor and attached to the ceiling. The water comes through a push-button shower head attached to a flexible hose. Water is drawn off by a vacuum system.

Subject terms:

ASTRONAUTS

BATHING

HYGIENE

ORBITAL SPACE STATIONS

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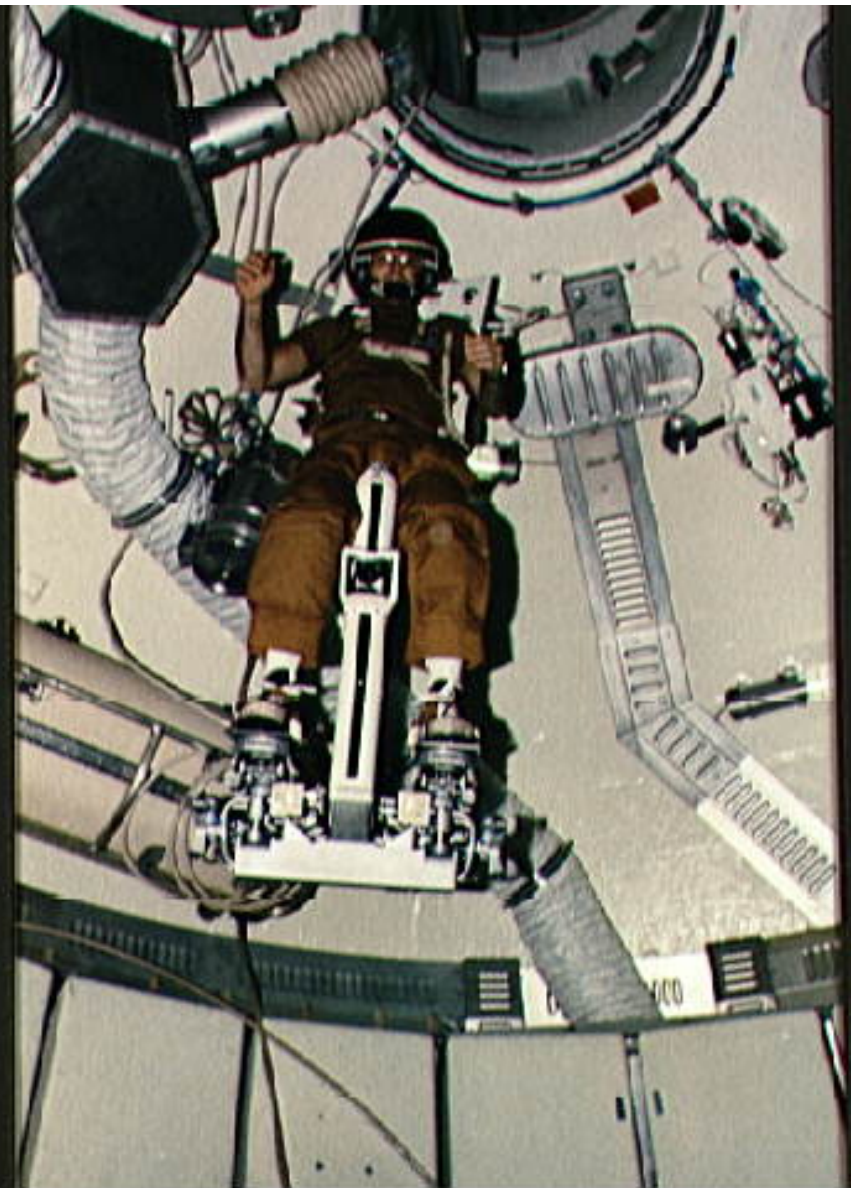
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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: SL3-108-1304

File Name: 10076222.jpg

Film Type: 35mm

Date Taken: 08/18/73

Title: Astronaut Alan Bean flies the Astronaut Maneuvering Equipment

Description:

Astronaut Alan L. Bean, Skylab 3 commander, flies the M509 Astronaut Maneuvering Equipment in the forward dome area of the Orbital Workshop (OWS) on the space station cluster in Earth orbit. Bean is strapped in to the back-mounted, hand-controlled Automatically Stabilized Maneuvering Unit (ASMU). This ASMU experiment is being done in shirt sleeves. The dome area where the experiment is conducted is about 22 feet in diameter and 19 feet from top to bottom.

Subject terms:

ASTRONAUTS

MANNED MANEUVERING UNITS

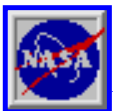
ORBITAL SPACE STATIONS

SKYLAB 3

SKYLAB PROGRAM

SPACEBORNE EXPERIMENTS

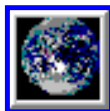
TESTING



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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: SL3-108-1307

File Name: 10076224.jpg

Film Type: 70mm

Date Taken: 08/16/73

Title: View of Arabella, one of two Skylab spiders and her web

### Description:

A close-up view of Arabella, one of the two Skylab 3 common cross spiders "aranous diadematus," and the web it had spun in the zero gravity of space aboard the Skylab space station cluster in Earth orbit. During the 59 day Skylab 3 mission the two spiders Arabella and Anita, were housed in an enclosure onto which a motion picture and still camera were attached to record the spiders' attempts to build a web in the weightless environment.

### Subject terms:

INSECTS

ORBITAL SPACE STATIONS

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SPACEBORNE EXPERIMENTS

ZERO GRAVITY



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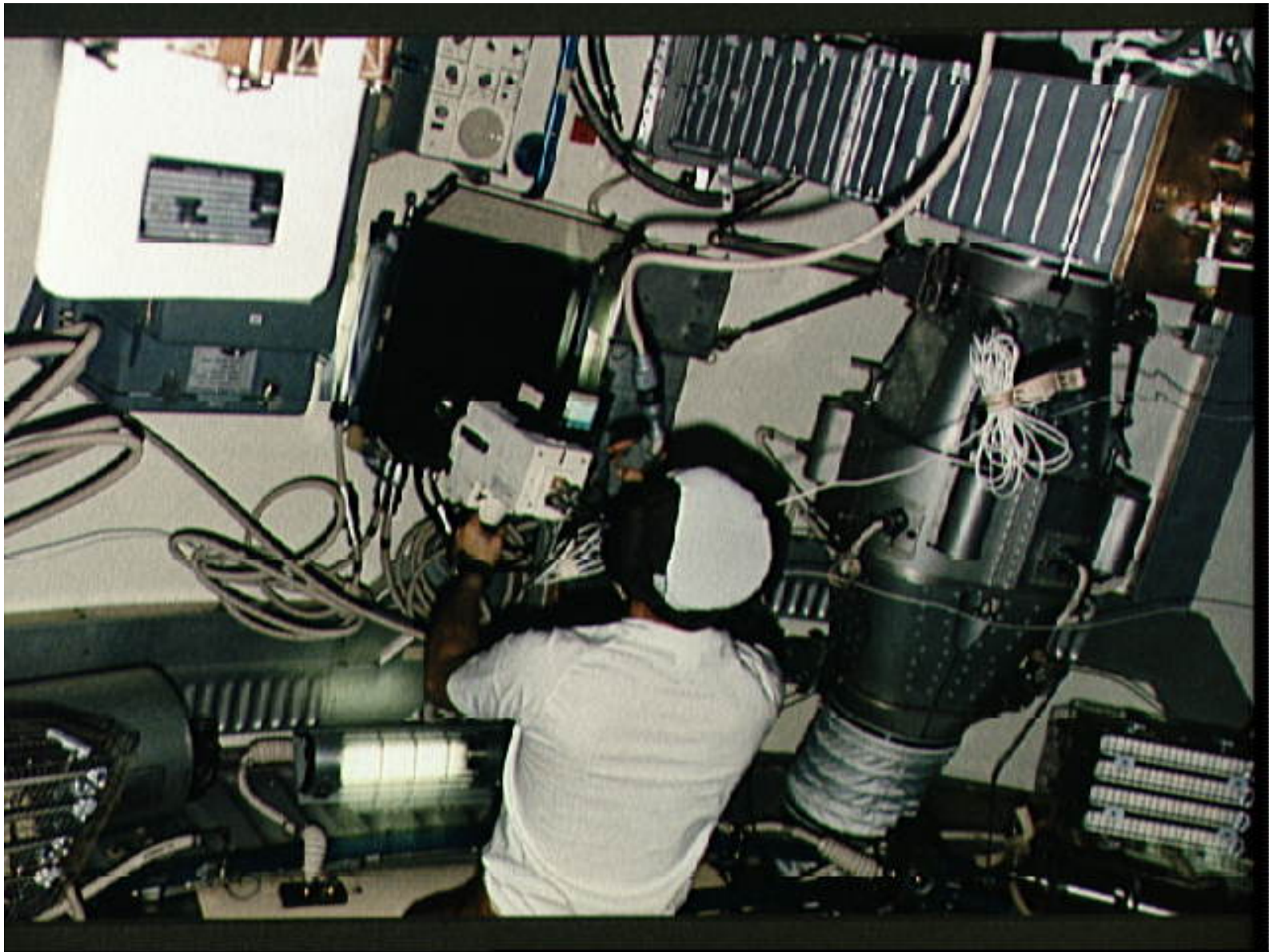
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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: SL3-109-1345

File Name: 10076225.jpg

Film Type: 70mm

Date Taken: 08/16/73

Title: View of Astronaut Owen Garriott taking video of two Skylab spiders experiment

### Description:

View of Scientist-Astronaut Owen K. Garriott, Skylab 3 science pilot, taking TV footage of Arabella and Anita, the two Skylab 3 common cross spiders "araneus diadematus," aboard the Skylab space station cluster in Earth orbit. During the 59 day Skylab 3 mission the two spiders Arabella and Anita, were housed in an enclosure onto which a motion picture and still camera were attached to record the spiders' attempts to build a web in the weightless environment. Note the automatic data acquisition camera (DAC) about 3.5 feet to Garriott's right (about waist level).

### Subject terms:

INSECTS

ORBITAL SPACE STATIONS

PHOTOGRAPHY

SKYLAB 3

SKYLAB PROGRAM

SPACEBORNE EXPERIMENTS

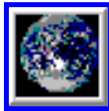
ZERO GRAVITY



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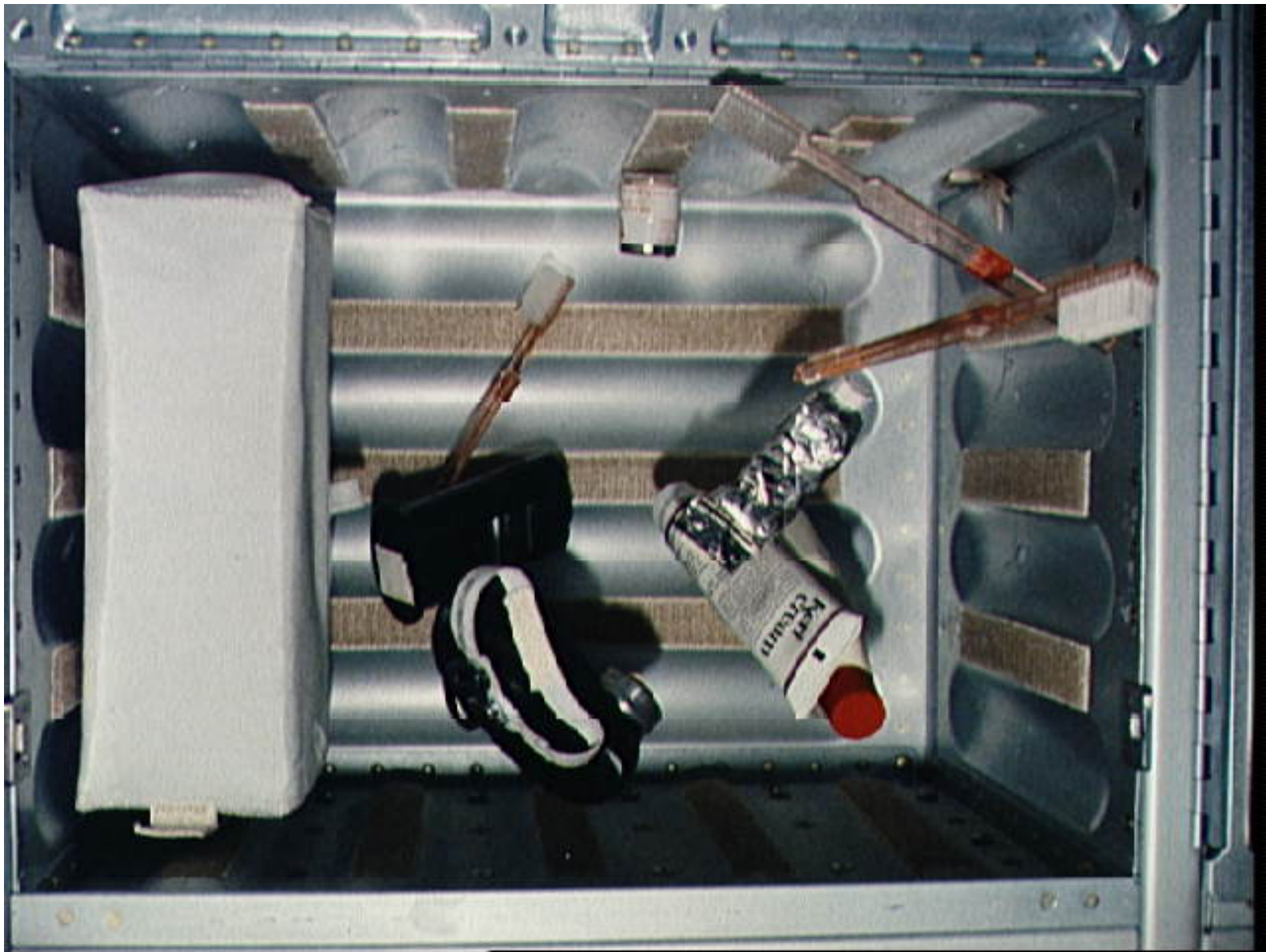
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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: SL3-110-1430

File Name: 10076226.jpg

Film Type: 70mm

Date Taken: 08/30/72

Title: View inside personal hygiene locker of Skylab 3 astronauts

Description:

View inside the personal hygiene locker of a Skylab 3 astronaut, which contains his toothbrush, battery operated razor, toothpaste, and hand cream.

Subject terms:

CONSUMABLES (SPACECREW SUPPLIES)

HYGIENE

ORBITAL SPACE STATIONS

SKYLAB 3

SKYLAB PROGRAM

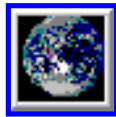
STOWAGE (ONBOARD EQUIPMENT)



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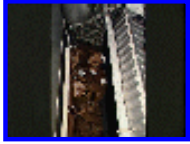
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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: SL3-111-1505

File Name: 10076213.jpg

Film Type: 70mm

Date Taken: 08/08/73

Title: View of Astronaut Owen Garriott in sleep restraints

Description:

View of Scientist-Astronaut Owen K. Garriott, Skylab 3 science pilot, in his sleep restraints in the crew quarters of the Orbital Workshop (OWS).

Subject terms:

ASTRONAUTS

ONBOARD ACTIVITIES

ORBITAL SPACE STATIONS

PHOTOGRAPHY

SKYLAB 3

SKYLAB PROGRAM

SLEEP

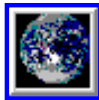
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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: SL3-111-1514

File Name: 10076214.jpg

Film Type: 35mm

Date Taken: 08/08/73

Title: Astronaut Alan Bean reads data from book while holding teleprinter tape

### Description:

Astronaut Alan L. Bean, Skylab 3 commander, reads data from book in his right hand while holding teleprinter tape in his left hand, in the ward room of the Skylab space station's Orbital Workshop (OWS) crew quarters. This photograph was taken with a 35mm Nikon camera held by one of Bean's fellow crewmen during the 56.5 day second manned Skylab mission in Earth orbit.

### Subject terms:

ASTRONAUTS

CREW PROCEDURES (INFLIGHT)

ORBITAL SPACE STATIONS

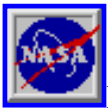
PRINTOUTS

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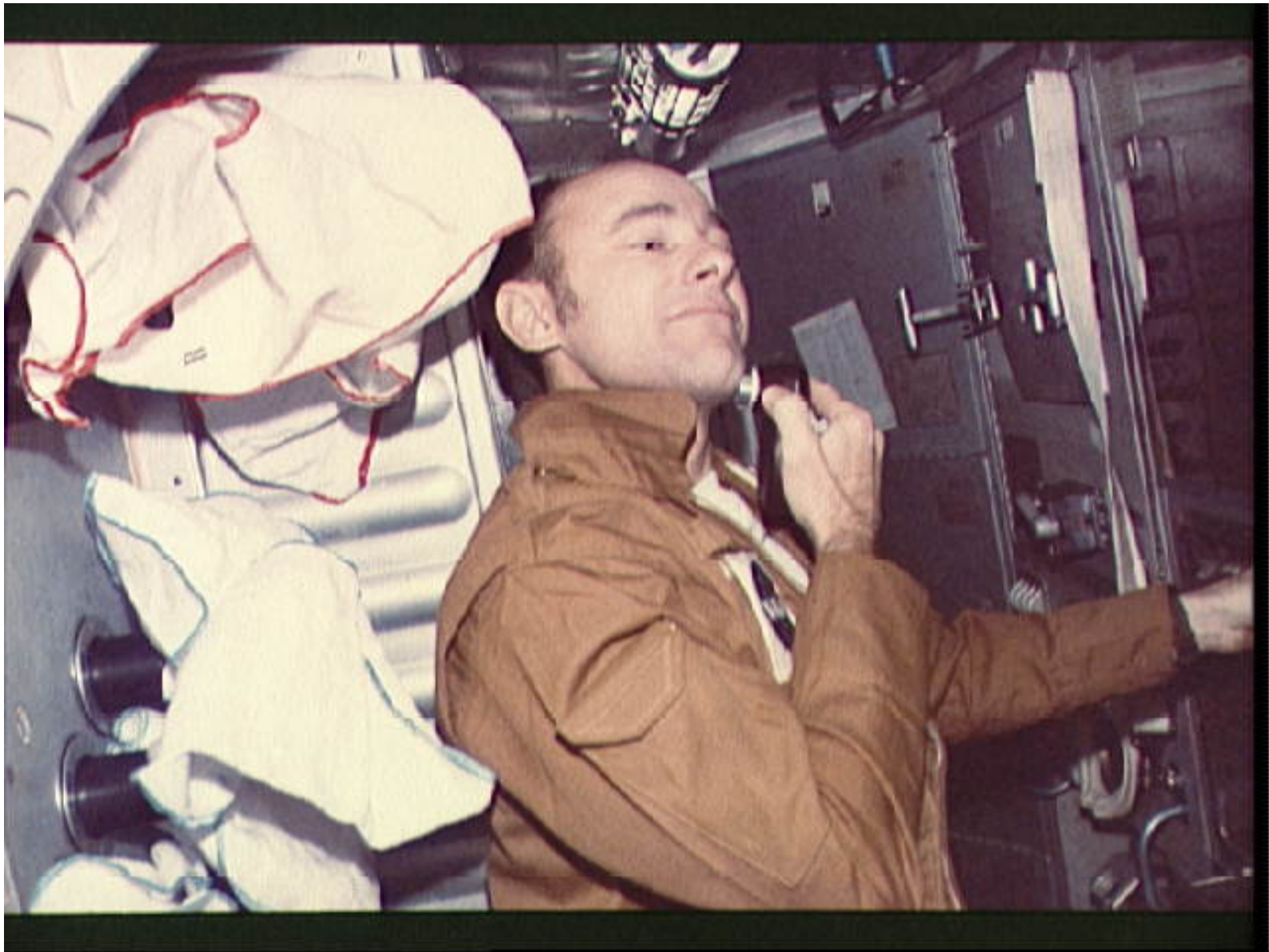
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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: SL3-111-1516

File Name: 10076215.jpg

Film Type: 35mm

Date Taken: 08/08/73

Title: Astronaut Alan Bean shaves while aboard Skylab

Description:

Astronaut Alan L. Bean, Skylab 3 commander, uses battery powered shaver while in the crew quarters of the Skylab space station's Orbital Workshop (OWS) crew quarters. This photograph was taken with a 35mm Nikon camera held by one of Bean's fellow crewmen during the 56.5 day second manned Skylab mission in Earth orbit.

Subject terms:

ASTRONAUTS

CONSUMABLES (SPACECREW SUPPLIES)

CREW PROCEDURES (INFLIGHT)

HYGIENE

ORBITAL SPACE STATIONS

SKYLAB 3

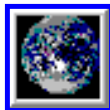
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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: SL3-111-1519

File Name: 10076216.jpg

Film Type: 35mm

Date Taken: 08/06/73

Title: Astronaut Owen Garriott reconstitutes pre-packaged container of food  
Description:

Scientist-Astronaut Owen K. Garriott, Skylab 3 science pilot, reconstitutes a pre-packaged container of food at the crew quarters ward room table of the Orbital Workshop (OWS) of the Skylab space station cluster. This picture was taken with a hand-held 35mm Nikon camera. Note the knife and fork on the food tray and the utensil with which Garriott stirs the food mixed with water. Skylab is the first manned space program by NASA which affords the crewmen an opportunity to eat with the same type utensils used on Earth.

Subject terms:

ASTRONAUTS

CONSUMABLES (SPACECREW SUPPLIES)

CREW PROCEDURES (INFLIGHT)

DEHYDRATED FOOD

FOOD

ORBITAL SPACE STATIONS

SKYLAB 3

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SPACE FLIGHT FEEDING



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## Press Release Images



NASA Photo ID: SL3-112-1527

File Name: 10076228.jpg

Film Type: 70mm

Date Taken: 08/26/73

Title: View of Astronaut Alan Bean in sleep compartment, reading a book

Description:

View of Astronaut Alan L. Bean, Skylab 3 commander, in his sleep compartment, reading a book.

Subject terms:

ASTRONAUTS

DOCUMENTS

ORBITA SPACE STATIONS

RECREATION

SKYLAB 3

SKYLAB PROGRAM

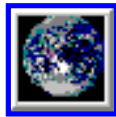
SLEEP RESTRAINTS



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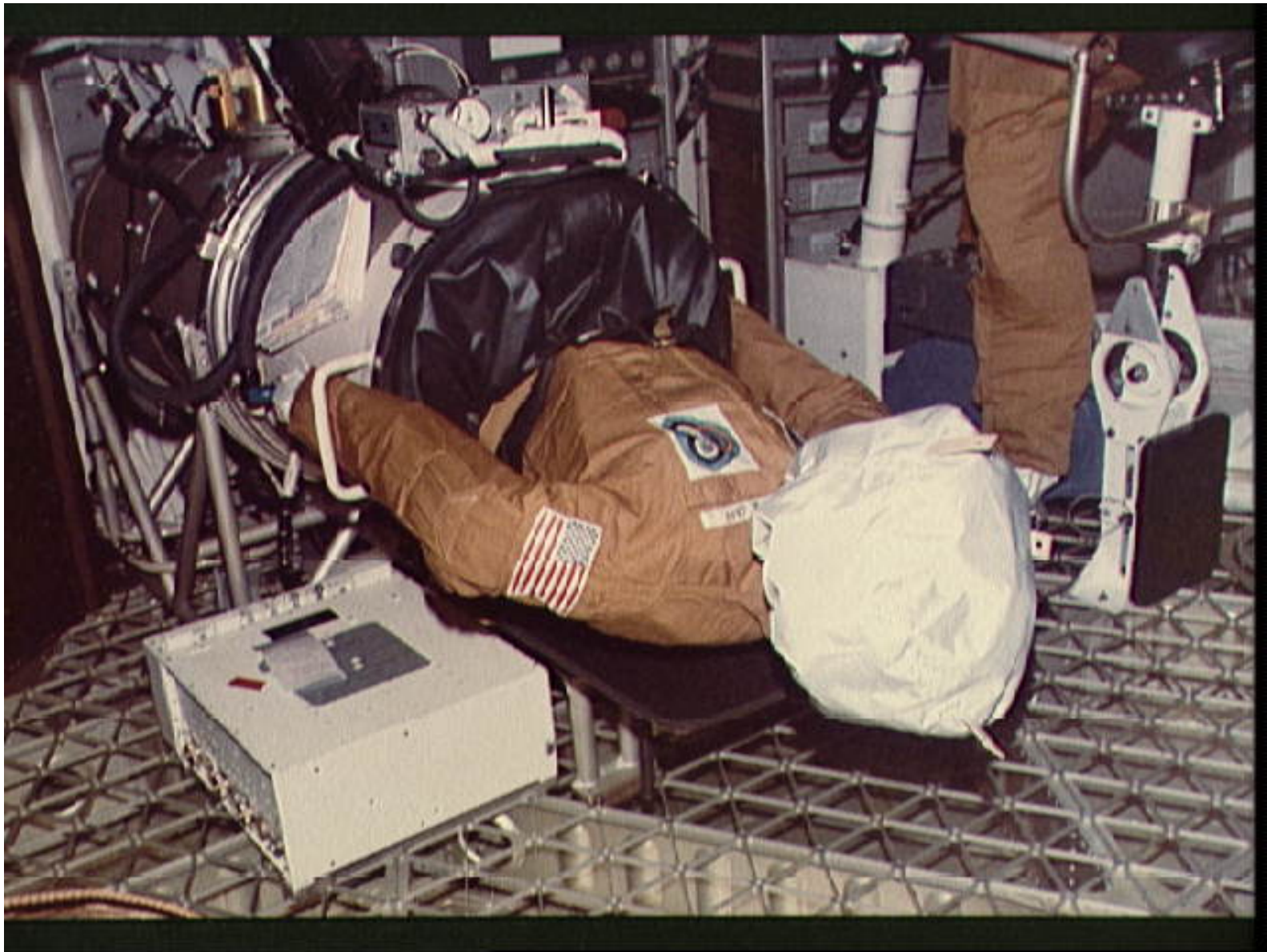
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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: SL3-113-1586

File Name: 10076233.jpg

Film Type: 35mm

Date Taken: 08/16/73

Title: Dummy left behind by Skylab 3 crew for the Skylab 4 crew

Description:

This photograph is an illustration of the humorous side of the Skylab 3 crew. This dummy was left behind in the Skylab space station by the Skylab 3 crew to be found by the Skylab 4 crew. The dummy is dressed in a flight suit and placed in the Lower Body Negative Pressure Device. The name tag indicates that it represents Gerald P. Carr, Skylab 4 commander. In the background is a partial view of the dummy for William R. Pogue, Skylab 4 pilot, propped upon the bicycle ergometer (1586); This dummy is dressed in a flight suit and propped upon the bicycle ergometer. The name tag indicates that it represents William R. Pogue, Skylab 4 pilot (1587).

Subject terms:

EMPLOYEE RELATIONS

MODELS

ORBITAL SPACE STATIONS

SKYLAB 3

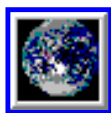
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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: SL3-113-1587

File Name: 10076234.jpg

Film Type: 35mm

Date Taken: 08/16/73

Title: Dummy left behind by Skylab 3 crew for the Skylab 4 crew

Description:

This photograph is an illustration of the humorous side of the Skylab 3 crew. This dummy was left behind in the Skylab space station by the Skylab 3 crew to be found by the Skylab 4 crew. The dummy is dressed in a flight suit and placed in the Lower Body Negative Pressure Device. The name tag indicates that it represents Gerald P. Carr, Skylab 4 commander. In the background is a partial view of the dummy for William R. Pogue, Skylab 4 pilot, propped upon the bicycle ergometer (1586); This dummy is dressed in a flight suit and propped upon the bicycle ergometer. The name tag indicates that it represents William R. Pogue, Skylab 4 pilot (1587).

Subject terms:



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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: SL3-114-1625

File Name: 10076203.jpg

Film Type: 70mm

Date Taken: 07/31/73

Title: View of the expended S-IVB second stage of Skylab 3 space vehicle

### Description:

A view of the expended S-IVB second stage of Skylab 3/Saturn 1B space vehicle is seen in this photograph taken from the Skylab 3 Command/Service Module in Earth orbit. The land mass below is Italy and France, and the Mediterranean Sea. This picture was taken with a hand-held 70mm Hasselblad camera, using a 100mm lens, and SO-368 medium-speed Ektachrome film.

### Subject terms:

EARTH (PLANET)

EARTH OBSERVATIONS (FROM SPACE)

ONBOARD ACTIVITIES

ORBITS

SATURN LAUNCH VEHICLES

SKYLAB 3

SKYLAB PROGRAM



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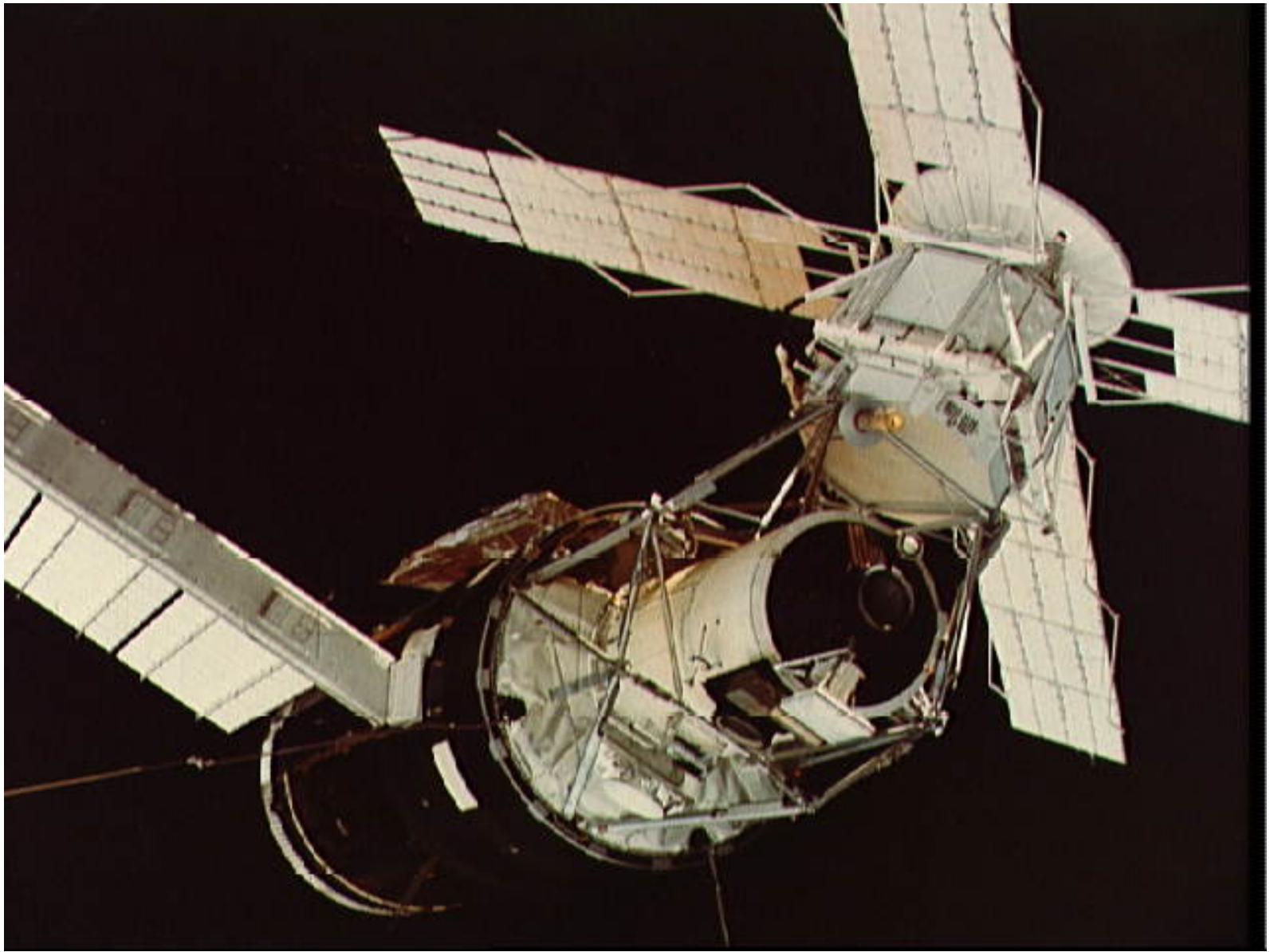
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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: SL3-114-1660

File Name: 10076204.jpg

Film Type: 70mm

Date Taken: 07/28/73

Title: View of the Skylab space station cluster photographed against black sky  
Description:

A close-up view of the Skylab space station cluster photographed against a black sky background from the Skylab 3 command module during the "fly around" inspection prior to docking. Note the one solar array system wing on the Orbital Workshop (OWS) which was successfully deployed during EVA on the first manned Skylab mission. The primary docking part at the forward end of the Multiple Docking Adapter (MDA) is visible below the Apollo Telescope Mount (ATM).

Subject terms:

INSPECTION

ONBOARD ACTIVITIES

ORBITAL SPACE STATIONS

PHOTOGRAPHY

SKYLAB 3

SKYLAB PROGRAM



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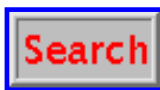


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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: SL3-114-1682

File Name: 10076205.jpg

Film Type: 70mm

Date Taken: 07/28/73

Title: View of the Skylab space station cluster photographed against black sky  
Description:

A close-up view of the Skylab space station cluster photographed against a black sky background from the Skylab 3 command module during the "fly around" inspection prior to docking. Note the one solar array system wing on the Orbital Workshop (OWS) which was successfully deployed during EVA on the first manned Skylab mission. The primary docking part at the forward end of the Multiple Docking Adapter (MDA) is visible below the Apollo Telescope Mount (ATM).

Subject terms:

INSPECTION

ONBOARD ACTIVITIES

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PHOTOGRAPHY

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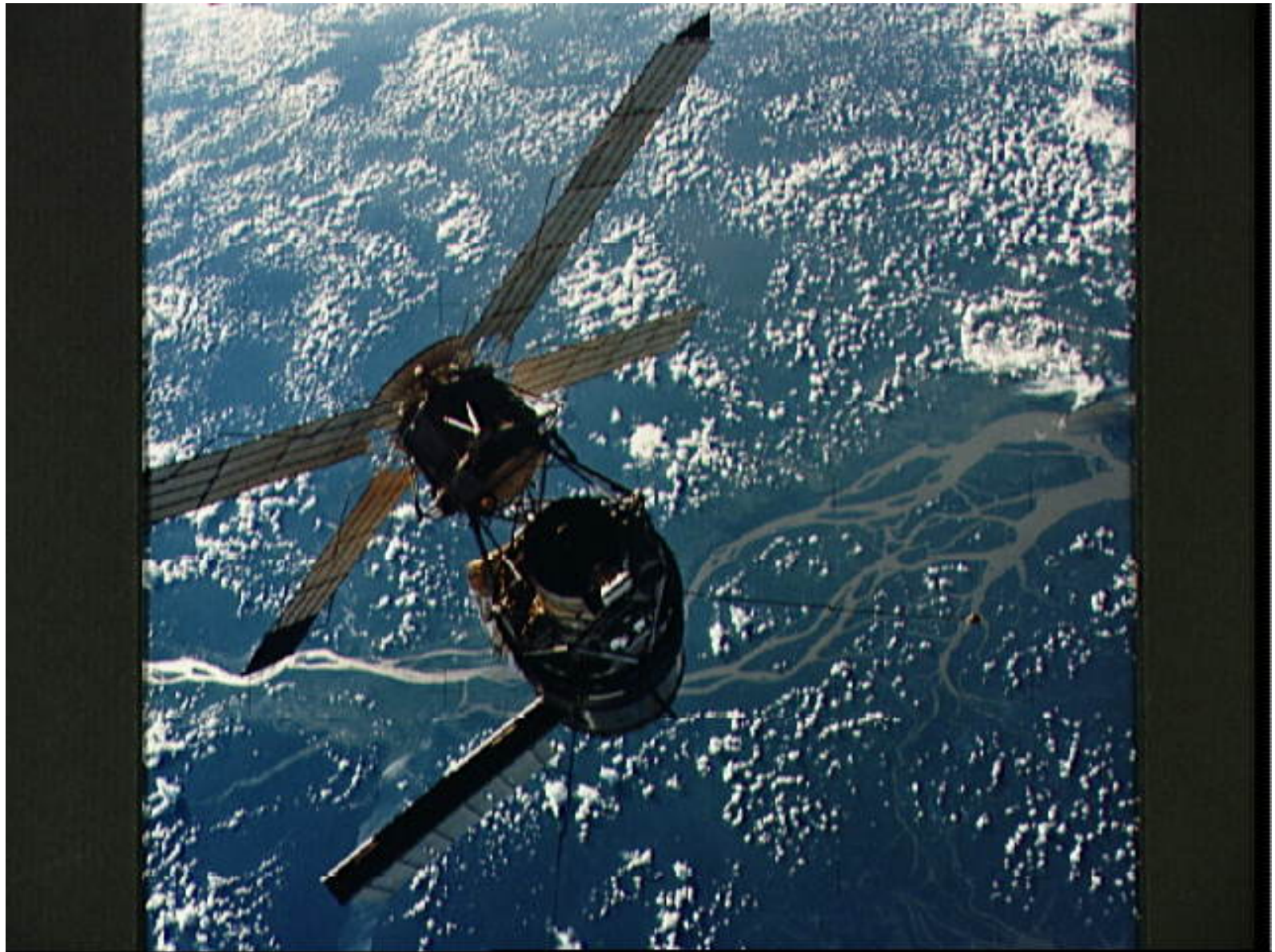
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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: SL3-114-1683

File Name: 10076206.jpg

Film Type: 70mm

Date Taken: 07/28/73

Title: View of the Skylab space station cluster photographed against black sky  
Description:

A close-up view of the Skylab space station cluster photographed against a black sky background from the Skylab 3 command module during the "fly around" inspection prior to docking. Note the one solar array system wing on the Orbital Workshop (OWS) which was successfully deployed during EVA on the first manned Skylab mission. The primary docking part at the forward end of the Multiple Docking Adapter (MDA) is visible below the Apollo Telescope Mount (ATM).

Subject terms:



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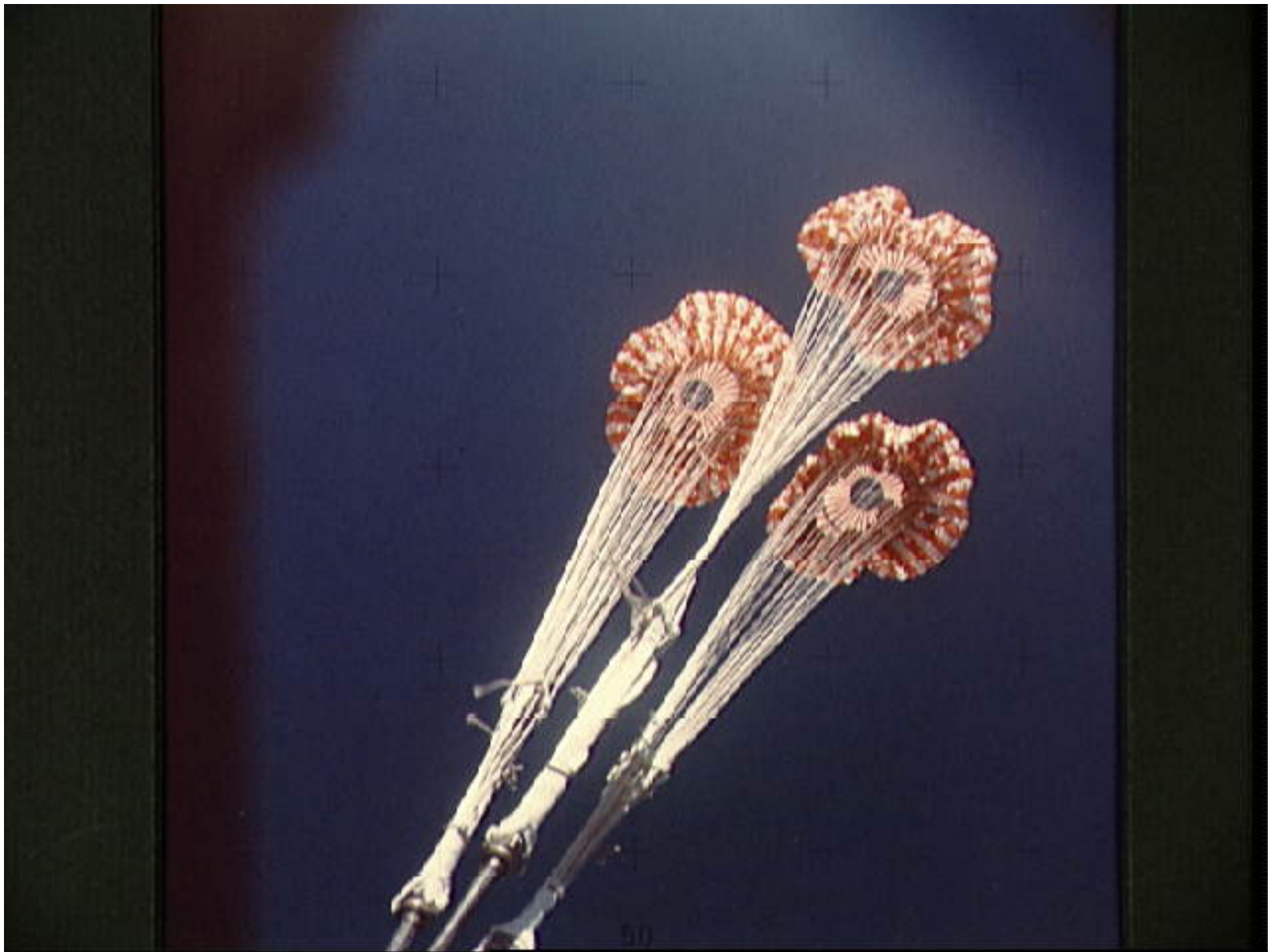
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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: SL3-114-1760

File Name: 10076297.jpg

Film Type: 70mm

Date Taken: 08/06/73

Title: View of the parachutes of Skylab 3 command module during splashdown

Description:

A view of the three main ring sail parachutes of the Skylab 3 command module as they unfurl during descent to a successful splashdown in the Pacific Ocean. The picture was taken by a hand-held 70mm hasselblad camera, looking up through a window of the command module. These parachutes open at approximately 10,000 feet altitude.

Subject terms:

COMMAND MODULES

PACIFIC OCEAN

PARACHUTES

SKYLAB 3

SKYLAB PROGRAM

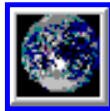
WATER LANDING



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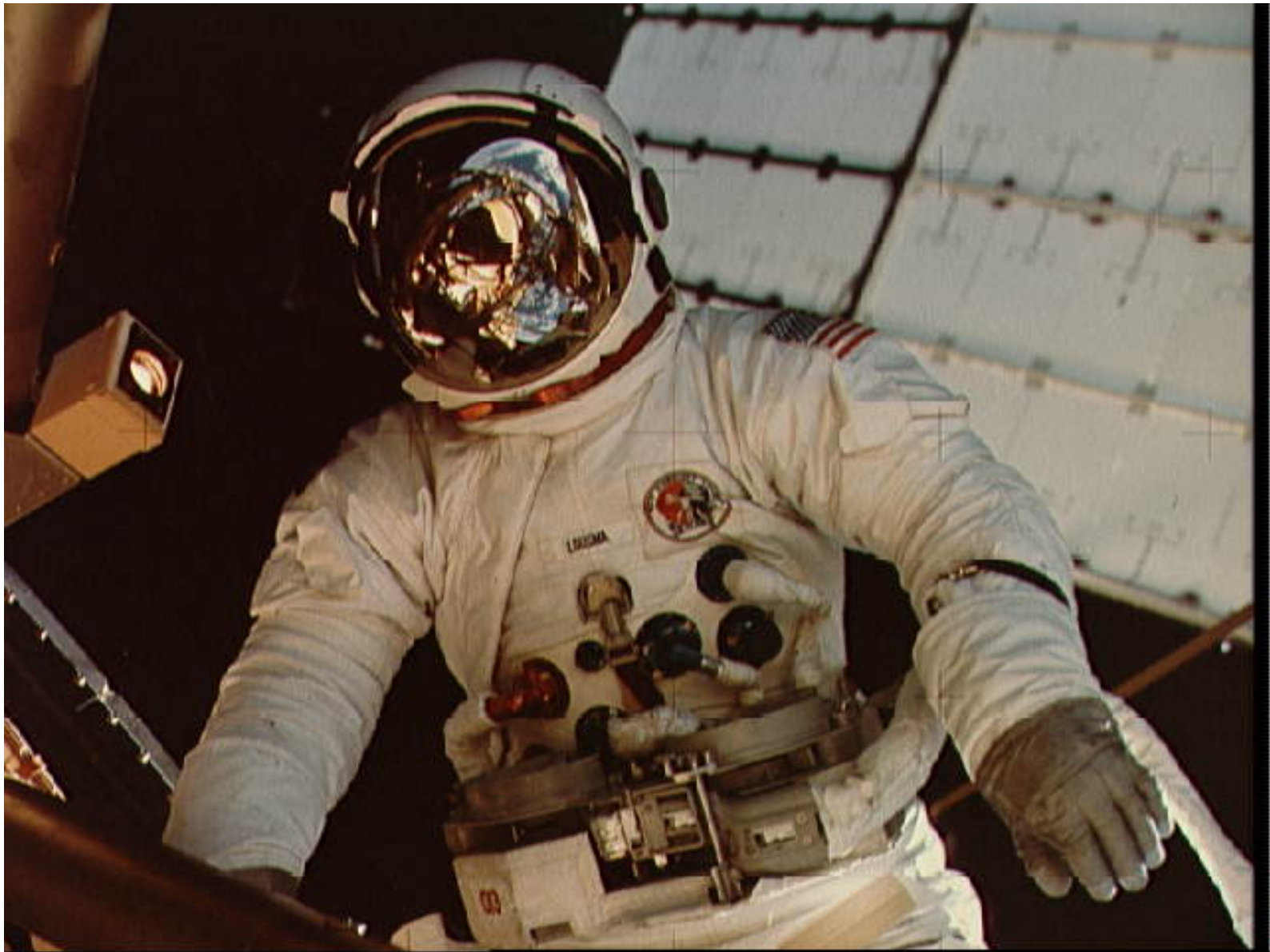
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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: SL3-115-1833

File Name: 10076209.jpg

Film Type: 70mm

Date Taken: 08/06/73

Title: Astronaut Jack Lousma participates in EVA to deploy twin pole solar shield

Description:

Astronaut Jack R. Lousma, Skylab 3 pilot, participates in the August 6, 1973 extravehicular activity (EVA) during which he and Astronaut Owen K. Garriott, science pilot, deployed the twin pole solar shield to help shade the Orbital Workshop (OWS). Note the striking reflection of the Earth in Lousma's helmet visor.

Subject terms:

ASTRONAUTS

DEPLOYMENT

EXTRAVEHICULAR ACTIVITY

SHIELDING

SKYLAB 3

SKYLAB PROGRAM

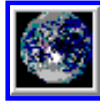
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Last Updated: February 23, 2000



# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: SL3-115-1837

File Name: 10076210.jpg

Film Type: 70mm

Date Taken: 08/06/73

Title: Astronaut Owen Garriott participates in EVA to deploy twin pole solar shield

### Description:

Scientist-Astronaut Owen K. Garriott, Skylab 3 science pilot, participates in the August 6, 1973 extravehicular activity (EVA) during which he and Astronaut Jack Lousma, Skylab pilot, deployed the twin pole solar shield to help shade the Orbital Workshop (OWS). Note the reflection of the solar shield in Garriott's helmet visor.

### Subject terms:

ASTRONAUTS

DEPLOYMENT

EXTRAVEHICULAR ACTIVITY

SHIELDING

SKYLAB 3

SKYLAB PROGRAM

SOLAR ENERGY



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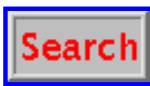


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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: SL3-117-2099

File Name: 10076229.jpg

Film Type: 70mm

Date Taken: 08/06/73

Title: Astronaut Jack Lousma participates in EVA to deploy twin pole solar shield

Description:

Astronaut Jack R. Lousma, Skylab 3 pilot, participates in the August 6, 1973 extravehicular activity (EVA) during which he and Astronauts Owen K. Garriott, science pilot, deployed the twin pole solar shield to help shade the Orbital Workshop (OWS). Note the reflection of the Apollo Telescope Mount and the Earth in Lousma's helmet visor.

Subject terms:

ASTRONAUTS

DEPLOYMENT

EXTRAVEHICULAR ACTIVITY

ORBITAL SPACE STATIONS

SHIELDING

SKYLAB 3

SKYLAB PROGRAM

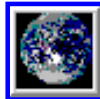
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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: SL3-117-2109

File Name: 10076230.jpg

Film Type: 35mm

Date Taken: 08/06/73

Title: Astronaut Owen Garriott participates in EVA to deploy twin pole solar shield

### Description:

Scientist-Astronaut Owen K. Garriott, Skylab 3 science pilot, participates in the August 6, 1973 extravehicular activity (EVA) during which he and Astronaut Jack Lousma, Skylab pilot, deployed the twin pole solar shield to help shade the Orbital Workshop (OWS). Note the reflection of the solar shield in Garriott's helmet visor.

### Subject terms:

ASTRONAUTS

DEPLOYMENT

EXTRAVEHICULAR ACTIVITY

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Last Updated: February 23, 2000



# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: SL3-118-2182

File Name: 10076231.jpg

Film Type: 35mm

Date Taken: 08/06/73

Title: Skylab Astronaut participates in EVA to deploy twin pole solar shield

Description:

Skylab Astronaut participates in the August 6, 1973 extravehicular activity (EVA) during which the twin pole solar shield was deployed to help shade the Orbital Workshop (OWS).

Subject terms:

ASTRONAUTS

DEPLOYMENT

EXTRAVEHICULAR ACTIVITY

SHIELDING

SKYLAB 3

SKYLAB PROGRAM

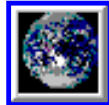
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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: SL3-121-2371

File Name: 10076259.jpg

Film Type: 70mm

Date Taken: 08/01/73

Title: Pattern of downstream eddies in stratocumulus clouds over Pacific Ocean  
Description:

A pattern of downstream eddies in the stratocumulus clouds over the Pacific Ocean west of Baja California, as photographed by the crewmen of the Second Skylab manned mission from the space station cluster in Earth orbit. The clouds, produced by the cold California current running to the south and southwest, are prevented from rising by warm air above them.

Subject terms:

CLOUDS

EARTH OBSERVATIONS (FROM SPACE)

ONBOARD ACTIVITIES

PACIFIC OCEAN

PATTERNS

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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: SL3-121-2438

File Name: 10076260.jpg

Film Type: 70mm

Date Taken: 07/30/73

Title: Snow covered Alps of France, Italy, and Switzerland

Description:

The snow-covered Alps of France, Italy and Switzerland (46.0N, 7.5E) are seen in this 100mm photograph taken by the crewmen of the second manned Skylab mission. The Rhone River, Lake of Geneva, Lake Maggiore, Lake Como and several cities and towns in the three European nations can be delineated.

Subject terms:

EARTH OBSERVATIONS (FROM SPACE)

FRANCE

ITALY

LAKES

MOUNTAINS

ONBOARD ACTIVITIES

PHOTOGRAPHY

SKYLAB 3

SKYLAB PROGRAM

SNOW

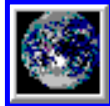
SWITZERLAND



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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: SL3-121-2445

File Name: 10076261.jpg

Film Type: 70mm

Date Taken: 08/01/73

Title: View of a portion of Great Britain looking northeastward

Description:

An oblique view of a portion of Great Britain (52.5N, 2.0W) looking northeastward across England and Wales, as photographed by one of the Skylab 3 crewmen aboard the Skylab space station in Earth orbit. The English Channel is at lower right. The Bristol Channel is at lower left. The Worth Sea with much cloud cover is in the background.

Subject terms:

EARTH OBSERVATIONS (FROM SPACE)

ENGLAND

ISLANDS

ONBOARD ACTIVITIES

PHOTOGRAPHY

SEAS

SKYLAB 3

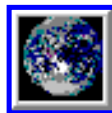
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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: SL3-122-2562

File Name: 10076262.jpg

Film Type: 70mm

Date Taken: 08/01/73

Title: Border area of Turkey-Iran Union of Soviet Socialist Republic

### Description:

A near vertical view of the border area of Turkey, Iran, Union of Soviet Socialist Republic (39.5N, 45.5E) as seen from the Skylab space station in Earth orbit. The lake at the top center edge is Ozero (Lake) Sevan in the USSR's Armenian Soviet Socialist Republic. The other body of water is Iran's Lake Urmia. The major feature in this photograph is Mount Ararat (16,945 feet) which can be seen in the upper left corner. Mount Ararat is in Turkey only a few miles from the Iran and USSR borders. Yerevan, the capital of Armenian SSR, is located north-northeast of Mount Ararat.

### Subject terms:

EARTH OBSERVATIONS (FROM SPACE)

IRAN

LAKES

MOUNTAINS

ONBOARD ACTIVITIES

PHOTOGRAPHY

SKYLAB 3

SKYLAB PROGRAM

TURKEY

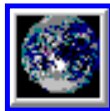
U.S.S.R.



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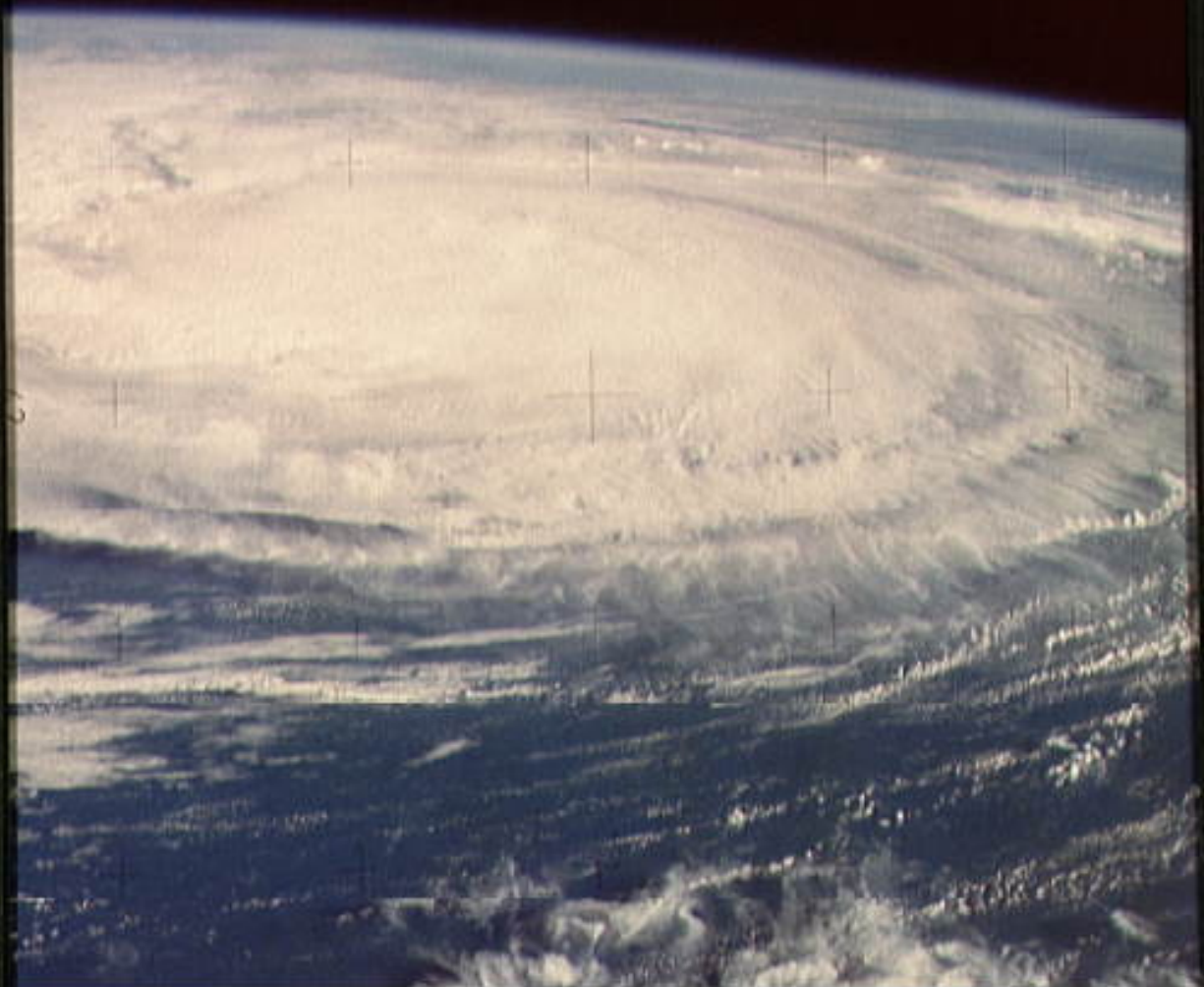
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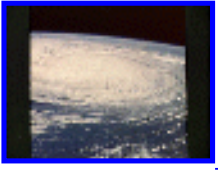
Curator: [James McAlpin](#)

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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: SL3-122-2587

File Name: 10076263.jpg

Film Type: 70mm

Date Taken: 09/20/73

Title: Hurricane Ellen over the Atlantic Ocean taken by Skylab 3 crewmen

Description:

The swirling clouds of Hurricane Ellen (31.0N, 54.0W) over the Atlantic Ocean are shown clearly in this 70mm photograph taken by the Skylab 3 crewmen. No well defined eye is apparent; a cirrus cloud cap covers the storm, with wisps of the ice crystal layer of this cloud visible even beyond the storm and strong pattern of rotating clouds.

Subject terms:

ATLANTIC OCEAN

EARTH OBSERVATIONS (FROM SPACE)

HURRICANES

ONBOARD ACTIVITIES

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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: SL3-122-2611

File Name: 10076232.jpg

Film Type: 70mm

Date Taken: 08/06/73

Title: Astronaut Jack Lousma participates in EVA to deploy twin pole solar shield

Description:

Astronaut Jack R. Lousma, Skylab 3 pilot, participates in the August 6, 1973 extravehicular activity (EVA) during which he and Astronaut Owen K. Garriott, science pilot, deployed the twin pole solar shield to help shade the Orbital Workshop (OWS). Note the striking reflection of the Apollo Telescope Mount and the Earth in Lousma's helmet visor.

Subject terms:

ASTRONAUTS

DEPLOYMENT

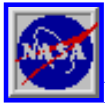
EXTRAVEHICULAR ACTIVITY

SHIELDING

SKYLAB 3

SKYLAB PROGRAM

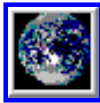
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NASA Technical Monitor: [Scott Norr](#)

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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: SL3-123-2635

File Name: 10076235.jpg

Film Type: 35mm

Date Taken: 08/30/73

Title: Astronaut Alan Bean doing acrobatics in OWS dome area

Description:

Astronaut Alan L. Bean, Skylab 3 commander, doing acrobatics in the dome area of the Orbital Workshop (OWS) on the space station cluster in Earth orbit. The dome area is about 22 feet in diameter and 19 feet from top to bottom.

Subject terms:

ASTRONAUTS

ORBITAL SPACE STATIONS

PHYSICAL EXERCISE

SKYLAB 3

SKYLAB PROGRAM

WEIGHTLESSNESS

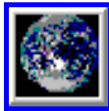
ZERO GRAVITY



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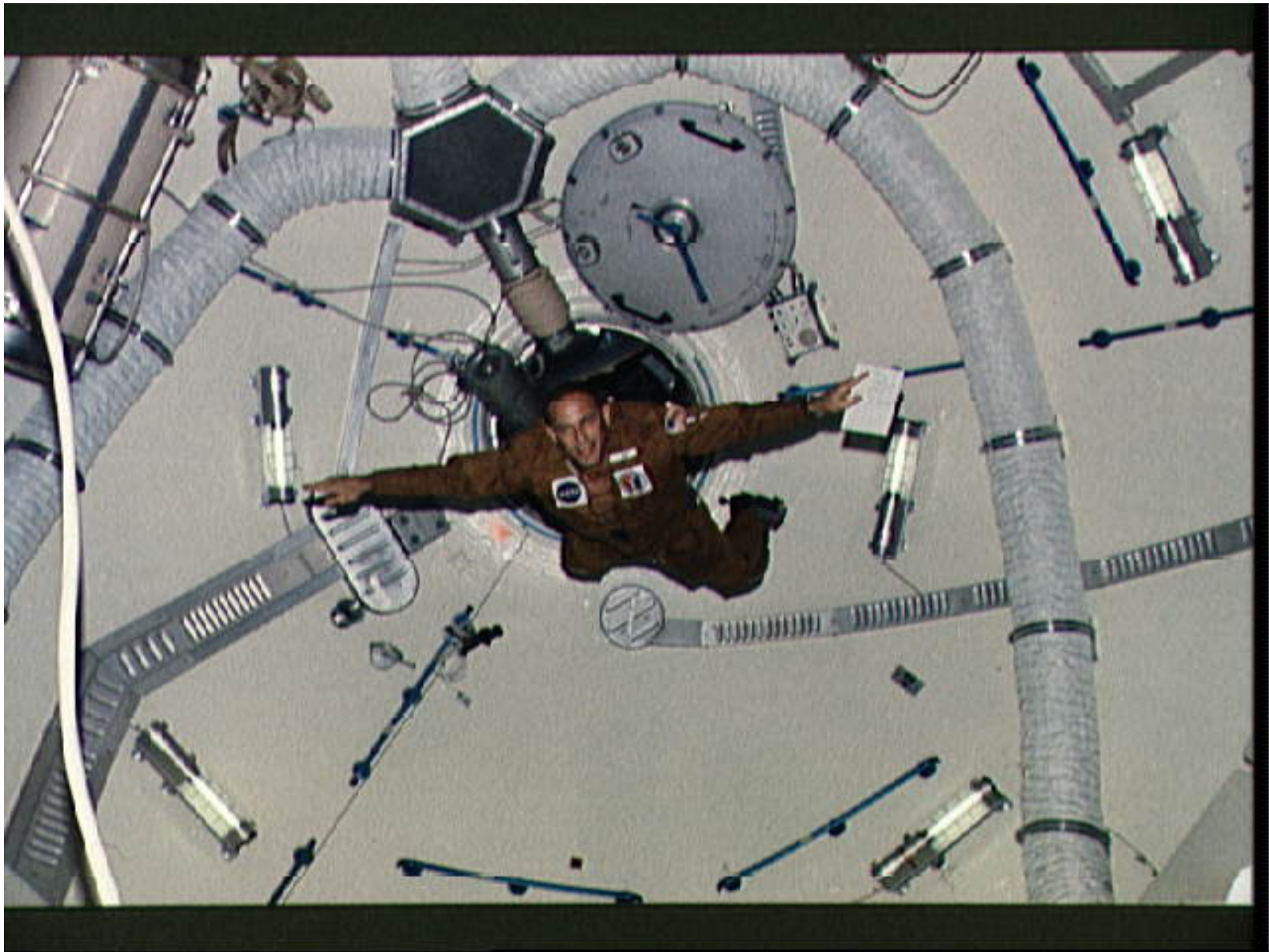
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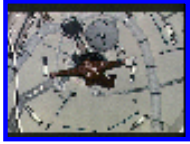
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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: SL3-123-2637

File Name: 10076236.jpg

Film Type: 35mm

Date Taken: 08/30/73

Title: Astronaut Jack Lousma doing acrobatics in OWS dome area

### Description:

Astronaut Jack R. Lousma, Skylab 3 pilot, doing acrobatics in the dome area of the Orbital Workshop (OWS) on the space station cluster in Earth orbit. The dome area is about 22 feet in diameter and 19 feet from top to bottom.

### Subject terms:

ASTRONAUTS

ORBITAL SPACE STATIONS

PHYSICAL EXERCISE

SKYLAB 3

SKYLAB PROGRAM

WEIGHTLESSNESS

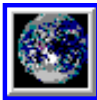
ZERO GRAVITY



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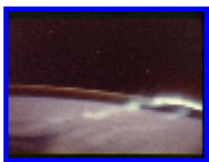
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Last Updated: February 23, 2000



# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: SL3-130-3130

File Name: 10076265.jpg

Film Type: 35mm

Date Taken: 08/01/73

Title: View of the southern aurora, luminous bands or streamers of light  
Description:

An excellent view of the southern aurora, luminous bands or streamers of light, in the Southern Hemisphere, as photographed from the Skylab space station in Earth orbit. The space station was moving into the sunlight when this picture was taken. This view is near the edge of the aurora cap. The surface of the Earth is in the foreground. The permanent aurora over the South Pole is in the background. Scientist-Astronaut Owen K. Garriott, Skylab 3 science pilot, took this photograph with a hand-held 35mm Nikon camera, with a four-second exposure at f/1.2, using high speed Ektachrome film. Because auroras are caused by solar activity, they occur at the same time in the Northern and Southern hemispheres.

Subject terms:

AURORAS

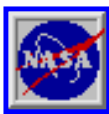
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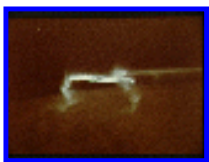
External Affairs Branch





# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: SL3-130-3131

File Name: 10076266.jpg

Film Type: 35mm

Date Taken: 08/01/73

Title: View of the southern aurora, luminous bands or streamers of light  
Description:

An excellent view of the southern aurora, luminous bands or streamers of light, in the Southern Hemisphere, as photographed from the Skylab space station in Earth orbit. The space station was moving into the sunlight when this picture was taken. This view is near the edge of the aurora cap. The surface of the Earth is in the foreground. The permanent aurora over the South Pole is in the background. Scientist-Astronaut Owen K. Garriott, Skylab 3 science pilot, took this photograph with a hand-held 35mm Nikon camera, with a four-second exposure at f/1.2, using high speed Ektachrome film. Because auroras are caused by solar activity, they occur at the same time in the Northern and Southern hemispheres.

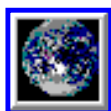
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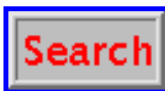


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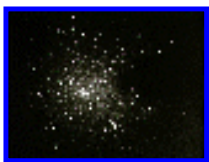
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NASA Technical Monitor: [Scott Norr](#)



# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: SL3-133-3263

File Name: 10076267.jpg

Film Type: 35mm BW

Date Taken: 09/04/73

Title: Six minute exposure of stars taken through airlock on Skylab

Description:

A six minute exposure of stars in the constellation Aquarius and others taken with a 35mm camera through the antisolar scientific airlock in the Orbital Workshop (OWS) of the Skylab space station in Earth orbit. Crewmen of the second manned Skylab mission took this picture as part of the Zodiacal Light/Gegenschein (S073) experiment. Most of the stars seen here belong to the constellation Aquarius and range in the stellar magnitude from +3, +6, +9. The dark patch on the right of the photograph is due to shielding of the sky by part of the experiment hardware.

Subject terms:

ASTRONOMY

ONBOARD ACTIVITIES

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SKYLAB PROGRAM

SPACEBORNE ASTRONOMY

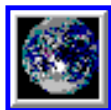
STARS



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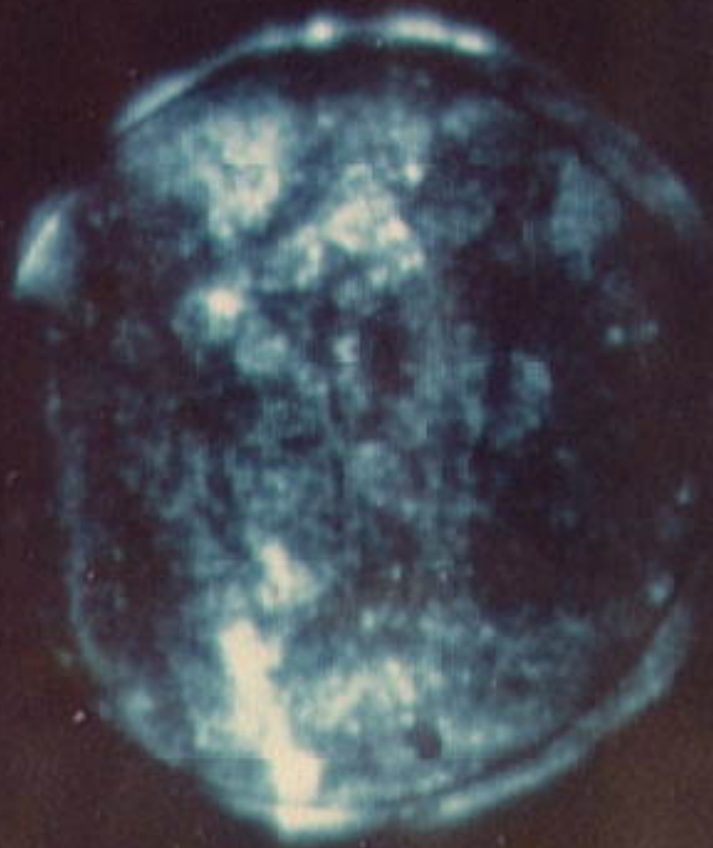
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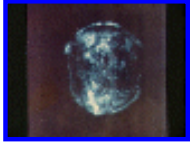
External Affairs Branch

Mail Code AP4



# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: SL3-135P-3371

File Name: 10076268.jpg

Film Type: 70mm

Date Taken: 08/15/73

Title: Sun's image in the extreme ultraviolet radiation emitted from the corona

Description:

The Skylab space station's Extreme Ultraviolet monitor is a closed loop television system that permitted man for the first time to watch the Sun's image in the extreme ultraviolet radiation emitted from its million-degree outer atmosphere, the corona. This photograph shows a view of the TV scope made by Scientist-Astronaut Owen K. Garriott, Skylab 3 science pilot, on August 15, 1973. Dr. Garriott made this picture with a Land-Polaroid SX-70 camera - the first time that any Polaroid camera has been used in space.

Subject terms:

ONBOARD ACTIVITIES

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SOLAR CORONA

SPACEBORNE EXPERIMENTS

SUN

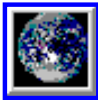
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Houston, TX 77058

Fax: (281) 483-2848

NASA Technical Monitor: [Scott Norr](#)



# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: SL3-22-214

File Name: 10076286.jpg

Film Type: 70mm

Date Taken: 08/30/73

Title: View of southeastern Washington State

Description:

A vertical view of southeastern Washington States as photographed from Earth orbit by one of the six lenses of the Itek-furnished S190-A Multispectral Photographic Facility Experiment aboard the Skylab space station. The Snake River flows into the Columbia River in the most southerly corner of the picture. The Wallula Lake is below the junction of the two rivers. The Yakima Valley is at the southwestern edge of the photograph. The Columbia Basin is in the center of the picture. The Cascade Range extends across the northwest corner of the photograph.

Subject terms:

EARTH OBSERVATIONS (FROM SPACE)

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MOUNTAINS

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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: SL3-22-322

File Name: 10076285.jpg

Film Type: 70mm

Date Taken: 08/30/73

Title: View of the Salt Lake City, Utah area

Description:

An oblique view of the Salt Lake City, Utah area as photographed from Earth orbit by one of the six lenses of the Itek-furnished S190-A Multispectral Photographic Facility Experiment aboard the Skylab space station. Approximately two-thirds of the Great Salt Lake is in view. The smaller body of water south of Salt Lake City is Utah Lake. The Wasatch Range is on the east side of the Great Salt Lake.

Subject terms:

CITIES

EARTH OBSERVATIONS (FROM SPACE)

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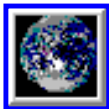
UTAH



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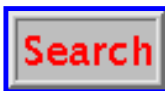


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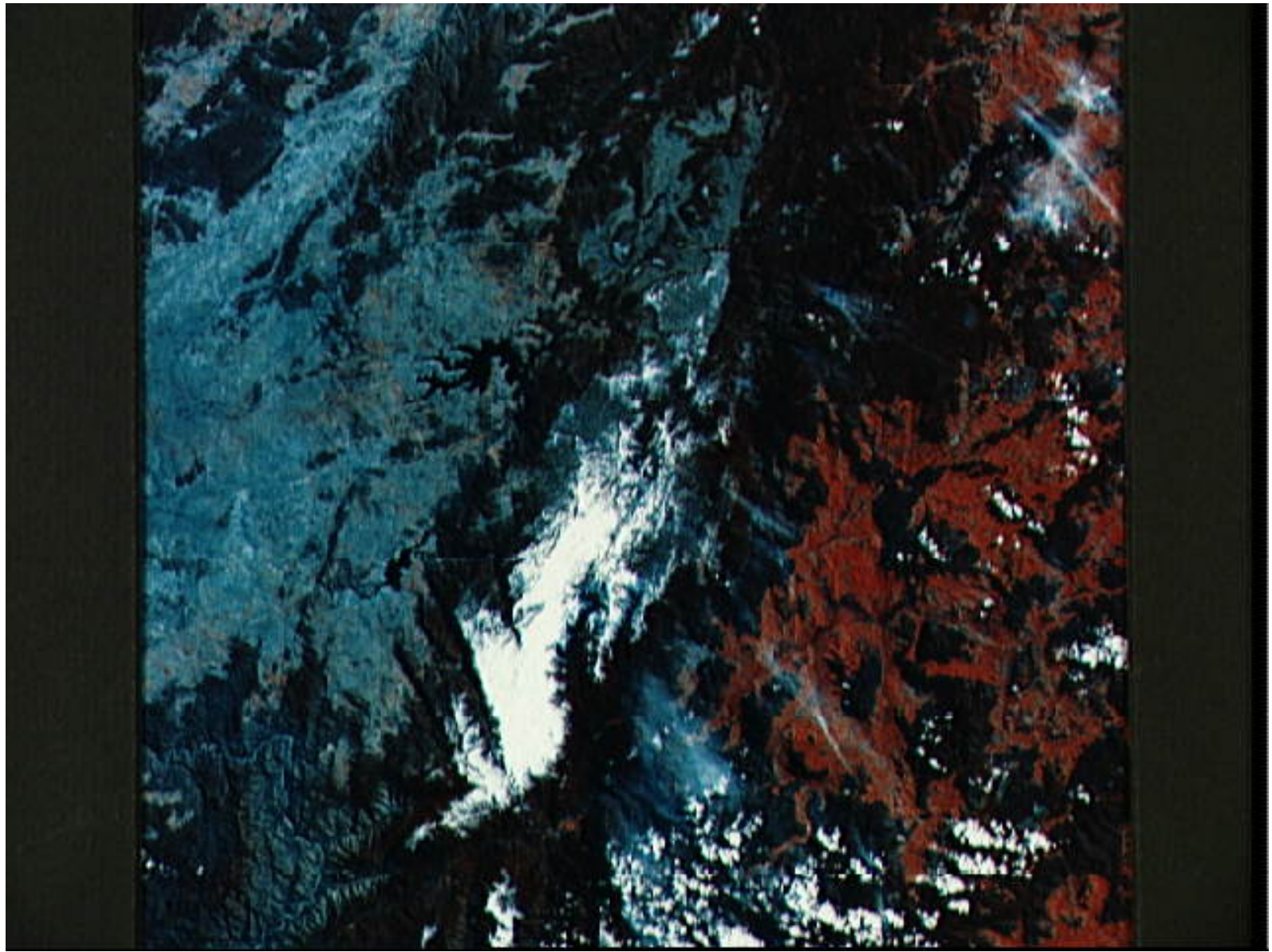
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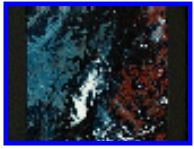
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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: SL3-27-180

File Name: 10076252.jpg

Film Type: 70mm

Date Taken: 07/30/73

Title: View of Snowy Mountains area of Australian Alps as photographed from Skylab  
Description:

A vertical view of the Snowy Mountains area of the Australian Alps in the states of Victoria and New South Wales, Australia, as photographed from Earth orbit by one of the six lenses of the Itek-furnished S190-A Multispectral Photographic Facility Experiment aboard the Skylab space station. The lake near the center of the picture is the Eucumbene Reservoir. This area is located immediately south-southwest of the capital city of Canberra.

Subject terms:

AUSTRALIA

EARTH OBSERVATIONS (FROM SPACE)

LAKES

MOUNTAINS

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SNOW

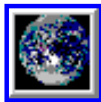
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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: SL3-27-224

File Name: 10076287.jpg

Film Type: 70mm

Date Taken: 08/30/73

Title: View of western portion of the Republic of Panama on Isthmus of Panama  
Description:

A vertical view of the western portion of the Republic of Panama on the Isthmus of Panama as photographed from Earth orbit by one of the six lenses of the Itek-furnished S190-A Multispectral Photographic Facility Experiment aboard the Skylab space station. This picture was taken with 2443 infrared color film. The large, clear body of water on the north side of the isthmus is Golfo de los Mosquitos, an extension of the Caribbean Sea. The large, partly cloud-covered body of water on the south side of the isthmus is Golfo de Chiriqui, and extension of the Pacific Ocean.

Subject terms:

CARIBBEAN SEA

EARTH OBSERVATIONS (FROM SPACE)

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PACIFIC OCEAN

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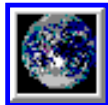
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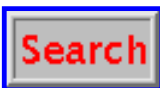


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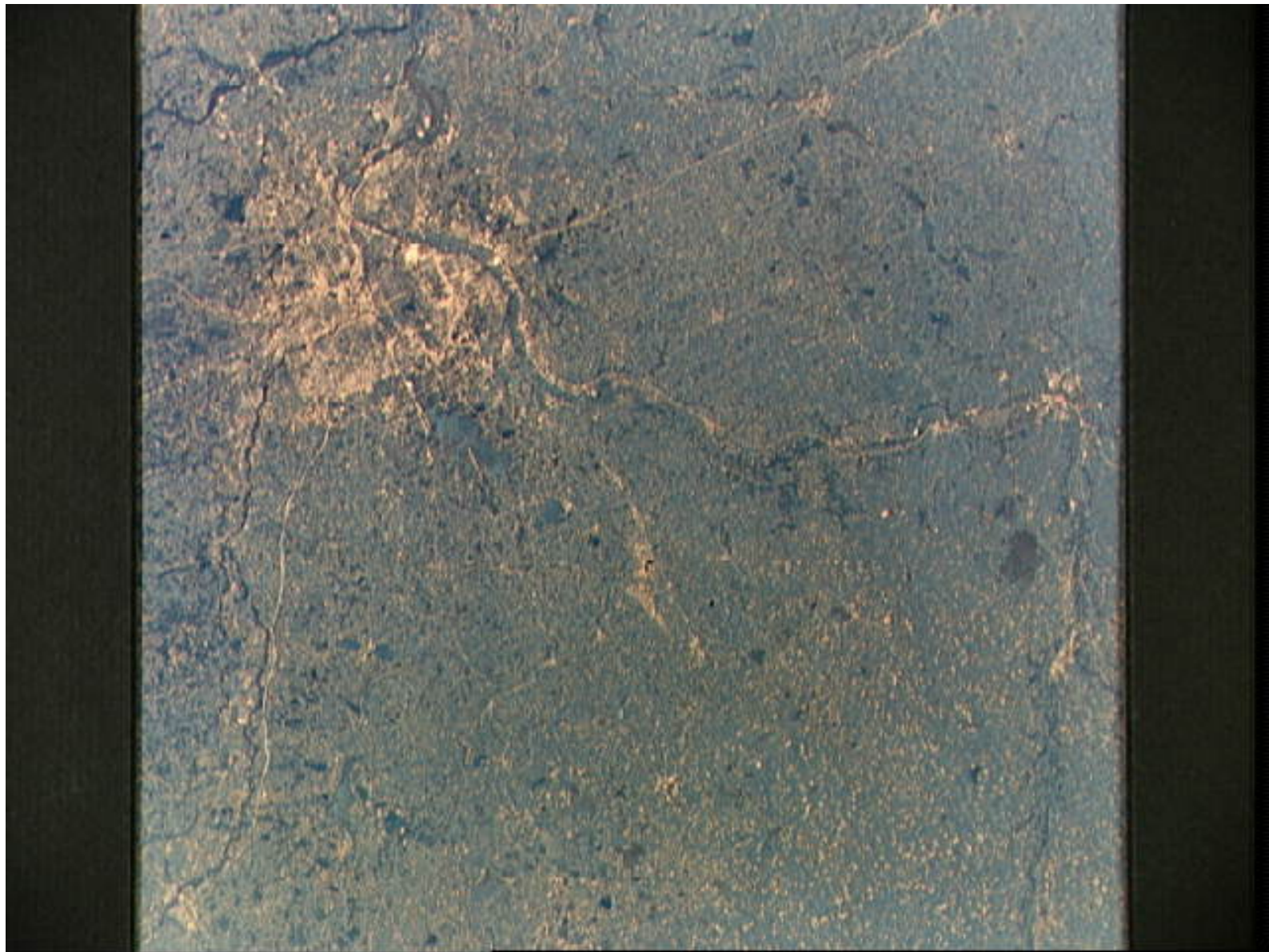
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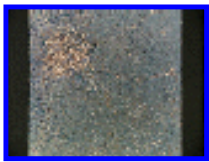
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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: SL3-28-009

File Name: 10076288.jpg

Film Type: 70mm

Date Taken: 08/30/73

Title: View of Minneapolis-St. Paul, Minnesota area

### Description:

A near vertical view of the Minneapolis-St. Paul, Minnesota area, as photographed from Earth orbit by one of the six lenses of the Itek-furnished S190-A Multispectral Photographic Facility Experiment aboard the Skylab space station. The Mississippi River flows southeasterly through this large metropolitan area. Minneapolis is on the west bank of the Mississippi. The Minnesota River makes a large bend at the southern edge of the picture then flows northeasterly to empty into the Mississippi at Minneapolis-St. Paul. The St. Croix River, which serves as a portion of the boundary between Minnesota and Wisconsin, flows into the Mississippi downstream from the twin cities. A long, nearly straight, stretch of Interstate 35 leads southward from Minneapolis-St. Paul. Interstate 94 parallels the Mississippi toward the northwest. The highway and road network in the area is clearly visible. Note the numerous small lakes in the photograph. This view includes the smaller cities of Hastings, Faribault, Owatonna, Mankato, St. Peter, New Ulm and St. Cloud.

### Subject terms:

CITIES

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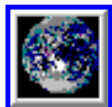
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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: SL3-28-059

File Name: 10076253.jpg

Film Type: 70mm

Date Taken: 08/01/73

Title: View of Lake Mead and Las Vegas, Nevada area from Sklyab

### Description:

A vertical view of the Lake Mead and Las Vegas, Nevada area as photographed from Earth orbit by one of the six lenses of the Itek-furnished S190-A Multispectral Photographic Facility Experiment aboard the Skylab space station. Lake Mead is water of the Colorado River impounded by Hoover Dam. Most of the land in the picture is Nevada, however, a part of the northwest corner of Arizona can be seen.

### Subject terms:

CITIES

EARTH OBSERVATIONS (FROM SPACE)

LAKES

NEVADA

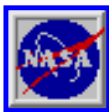
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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: SL3-33-156

File Name: 10076254.jpg

Film Type: 70mm

Date Taken: 08/01/73

Title: View of Florence, Italy area from Skylab

### Description:

A near vertical view of the Florence, Italy area as photographed from Earth orbit by one of the Itek-furnished S190-A Multispectral Photographic Facility Experiment aboard the Skylab space station. The view extends from the Ligurian Sea, an extension of the Mediterranean Sea, across the Apennine Mountains to the Po River Valley. Florence (Firenze) is near the center of the land mass. The mouth of the Arno River is at the center of the coastline. The city of Leghorn (Livorno) is on the coast just south of the Arno River. This picture was taken with type 2443 infrared color film.

### Subject terms:

CITIES

EARTH OBSERVATIONS (FROM SPACE)

ITALY

MOUNTAINS

ONBOARD ACTIVITIES

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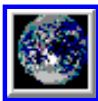
VALLEYS



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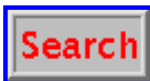


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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: SL3-33-167

File Name: 10076291.jpg

Film Type: 70mm

Date Taken: 08/30/73

Title: View of Argentina-Paraguay border area of South America

### Description:

A vertical view of the Argentina-Paraguay border area of South America as photographed from Earth orbit by one of the six lenses of the Itek-furnished S190-A Multispectral Photographic Facility Experiment aboard the Skylab space station. This picture was taken with type 2443 infrared color film. The Parana River flows from east to west across the picture. This part of the Rio Parana is located between the towns of Posadas, Argentina, and Resitencia, Argentina. The major body of water in the large swamp area is Laguna Ibera. Note the several fires burning in this area. The largest land mass (Argentina) is south of the river. Paraguay is north of the river. Isla Apipe Grande is near the center of the photograph.

### Subject terms:

ARGENTINA

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LAKES

ONBOARD ACTIVITIES

PARAGUAY

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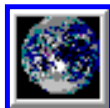
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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: SL3-34-302

File Name: 10076255.jpg

Film Type: 70mm

Date Taken: 07/30/73

Title: View of Lake Michigan coastal area of northern Michigan

Description:

A vertical view of the Lake Michigan coastal area of northern Michigan as photographed from Earth orbit by one of the Itek-furnished S190-A Multispectral Photographic Facility Experiment aboard the Skylab space station. The view extends across Lake Michigan to Wisconsin's Green Bay. The two fingered body of water is Traverse Bay. Traverse City, Cadillac and Manistee can be seen in this photograph.

Subject terms:

BAYS

CITIES

EARTH OBSERVATIONS (FROM SPACE)

LAKES

MICHIGAN

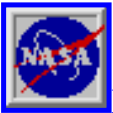
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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: SL3-40-077

File Name: 10076256.jpg

Film Type: 70mm

Date Taken: 07/30/73

Title: View of Mediterranean coastal area of southeastern France

Description:

A vertical view of the Mediterranean coastal area of southeastern France as photographed from Earth orbit by one of the six lenses of the Itek-furnished S190-A Multispectral Photographic Facility Experiment aboard the Skylab space station. This view of the coast extends from the eastern outskirts of Marseilles easterly to Cannes, and includes the city of Toulon.

Subject terms:

CITIES

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MEDITERRANEAN SEA

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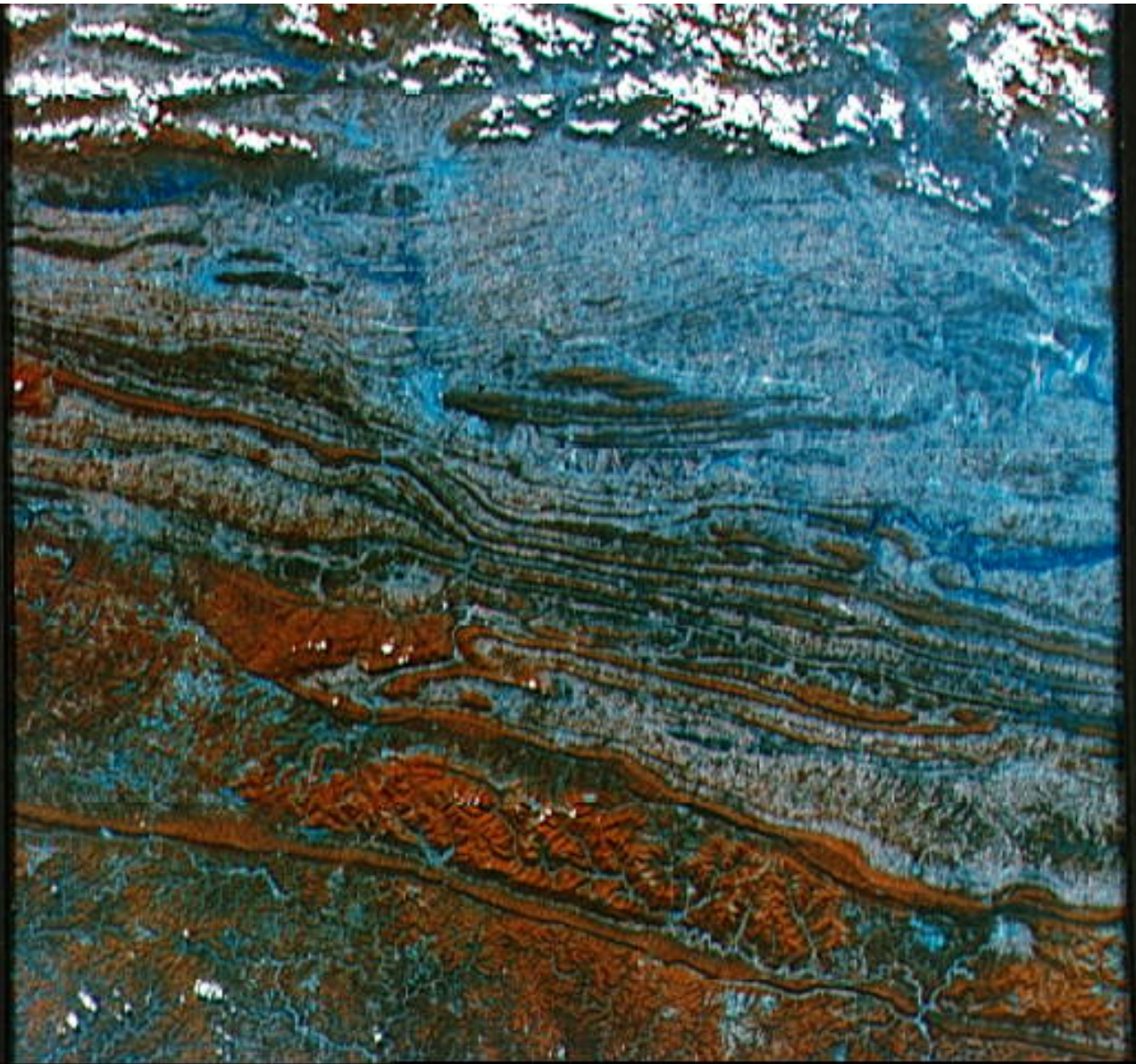
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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: SL3-45-020

File Name: 10076292.jpg

Film Type: 70mm

Date Taken: 08/30/73

Title: View of Virginia, Tennessee, Kentucky border area

### Description:

A vertical view of the Virginia, Tennessee, Kentucky border area, as photographed from Earth orbit by one of the six lenses of the Itek-furnished S190-A Multispectral Photographic Facility Experiment aboard the Skylab space station. The long, narrow ridge is Pine Mountain; and it is crossed by U.S. 25E as it passes through the famed Cumberland Gap which at 1,600 feet elevation crosses Cumberland Mountain. Kingsport, Tennessee is located east of Cumberland Gap near the center of the picture. Interstate 81 under construction can be seen southeast of Kingsport. Bristol, Tennessee-Virginia is further east. Greenville and Elizabethton, Tennessee can also be seen in this photograph. The clouds across the southeast edge of the picture are over the Blue Ridge Mountains.

### Subject terms:

CITIES

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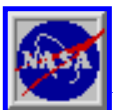
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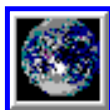
VIRGINIA



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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: SL3-83-152

File Name: 10076257.jpg

Film Type: 70mm

Date Taken: 08/05/73

Title: Detroit, Michigan metropolitan area photographed from Skylab

Description:

The Detroit, Michigan metropolitan area, as photographed from the Skylab space station in Earth orbit. The Detroit River separates Detroit from Windsor, Ontario, Canada. The largest body of water is Lake Erie. The smaller body of water is Lake St. Clair. This photograph was taken with the Earth Resources Experiment Package S190-B five-inch Earth terrain camera.

Subject terms:

CANADA

CITIES

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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: SL3-83-166

File Name: 10076270.jpg

Film Type: 70mm

Date Taken: 08/15/73

Title: Washington, D.C. and the Baltimore, Maryland area

### Description:

A vertical view of the Washington, D.C. and the Baltimore, Maryland area is seen in this Skylab 3 Earth Resources Experiments Package S190-B (five-inch earth terrain camera) photograph taken from the Skylab space station in Earth orbit. The Chesapeake Bay is on the right (east) side of the picture. The Potomac River flows through the Washington area in the lower left (southwest) corner of the photograph. Several transportation routes and major highways stand out distinctly. Identifiable features in the Washington area include the Capitol Building, the Mall area, Robert F. Kennedy Stadium (white circle), the five bridges across the Potomac, Andrews Air Force Base (on east loop), and the smaller Anacostia River. Chesapeake Bay circulation patterns are indicated by contrast of dark and light blue. Sediment plumes (red) are seen entering the bay north and east of Baltimore. The bay bridge stands out white against the blue water.

### Subject terms:

BAYS

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DISTRICT OF COLUMBIA

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MARYLAND

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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: SL3-84-202

File Name: 10076271.jpg

Film Type: 70mm

Date Taken: 08/15/73

Title: View of Montevideo, Uruguay area of South America

### Description:

A vertical view of the Montevideo, Uruguay area of South America is seen in this Skylab 3 Earth Resources Package S190-B (five-inch earth terrain camera) photograph taken from the Skylab space station in Earth orbit. The large body of water is Rio de la Plata which flows into the South Atlantic Ocean at the bottom of the picture. The red plume in the Rio de la Plata is probably sediment moving seaward. The Santa Lucia River enters the Rio de la Plata west of Montevideo and is at the mouth of the Sant Lucia. The white beach and sand dune areas are plainly visible along the coast. A major airport can be seen immediately east of downtown Montevideo. Major thoroughfares and residential areas, such as the bright one in the suburbs, are clearly visible, also. Farm tracts in green and gray rectangular patterns indicate agricultural regions.

### Subject terms:

AGRICULTURE

CITIES

EARTH OBSERVATIONS (FROM SPACE)

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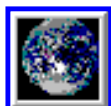
URUGUAY



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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: SL3-86-272

File Name: 10076276.jpg

Film Type: 70mm

Date Taken: 08/15/73

Title: View of northeastern Italy including Venice

Description:

A near vertical view of northeastern Italy including the Venice (Venezia) area is seen in this Skylab 3 Earth Resources Experiments Package S190-B (five-inch earth terrain camera) infrared photograph taken from the Skylab space station in Earth orbit. The mountainous area is the Dolomite Alps. The most conspicuous stream northeast of Venice is the Piave River. The city near the center of the picture on the Brenta River is Bassano del Grappa. The large city of Padua (Padova) is on the western bank of the Grenta near the clock.

Subject terms:

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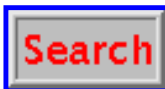


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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: SL3-87-262

File Name: 10076272.jpg

Film Type: 70mm

Date Taken: 08/15/73

Title: View of Baton Rouge, Louisiana area seen from Skylab

Description:

A view of the Baton Rouge, Louisiana area is seen in this Skylab 3 Earth Resources Package S190-B (five-inch earth terrain camera) photograph taken from the Skylab space station in Earth orbit. The large body of water in the upper right hand corner is Lake Pontchartrain. The Mississippi river flows through the center of the photo. Major thoroughfares and residential areas are clearly visible.

Subject terms:

AGRICULTURE

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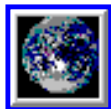
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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: SL3-87-299

File Name: 10076273.jpg

Film Type: 70mm

Date Taken: 08/15/73

Title: View of southeastern New York State

Description:

A vertical view of southeastern New York State is seen in this Skylab 3 Earth Resources Experiments Package S190-B (five-inch earth terrain camera) infrared photograph taken from the Skylab space station in Earth orbit. This picture covers the northern part of New Jersey, a part of northeastern Pennsylvania, and the western tip of Connecticut. The body of water is Long Island Sound. The wide Hudson River flows southward across a corner of the photograph. The New York City metropolitan area occupies part of the picture.

Subject terms:

CITIES

EARTH OBSERVATIONS (FROM SPACE)

INFRARED PHOTOGRAPHY

NEW YORK

ONBOARD ACTIVITIES

RIVERS

SKYLAB 3

SKYLAB PROGRAM

SPACEBORNE EXPERIMENTS



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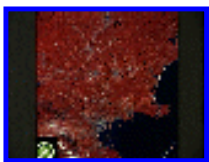
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JSC Office of Public Affairs





# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: SL3-87-305

File Name: 10076274.jpg

Film Type: 70mm

Date Taken: 08/15/73

Title: North looking view of portion of Massachusetts and New Hampshire

Description:

A north looking view of portions of Massachusetts and New Hampshire in this Skylab 3 Earth Resources Experiments Package S190-B (five-inch earth terrain camera) infrared photograph taken from the Skylab space station in Earth orbit. This picture includes a view of Boston and Boston Bay, Lowell, Manchester, Lawrence, and Salem.

Subject terms:

CITIES

COASTS

EARTH OBSERVATIONS (FROM SPACE)

MASSACHUSETTS

NEW HAMPSHIRE

ONBOARD ACTIVITIES

PHOTOGRAPHY

RIVERS

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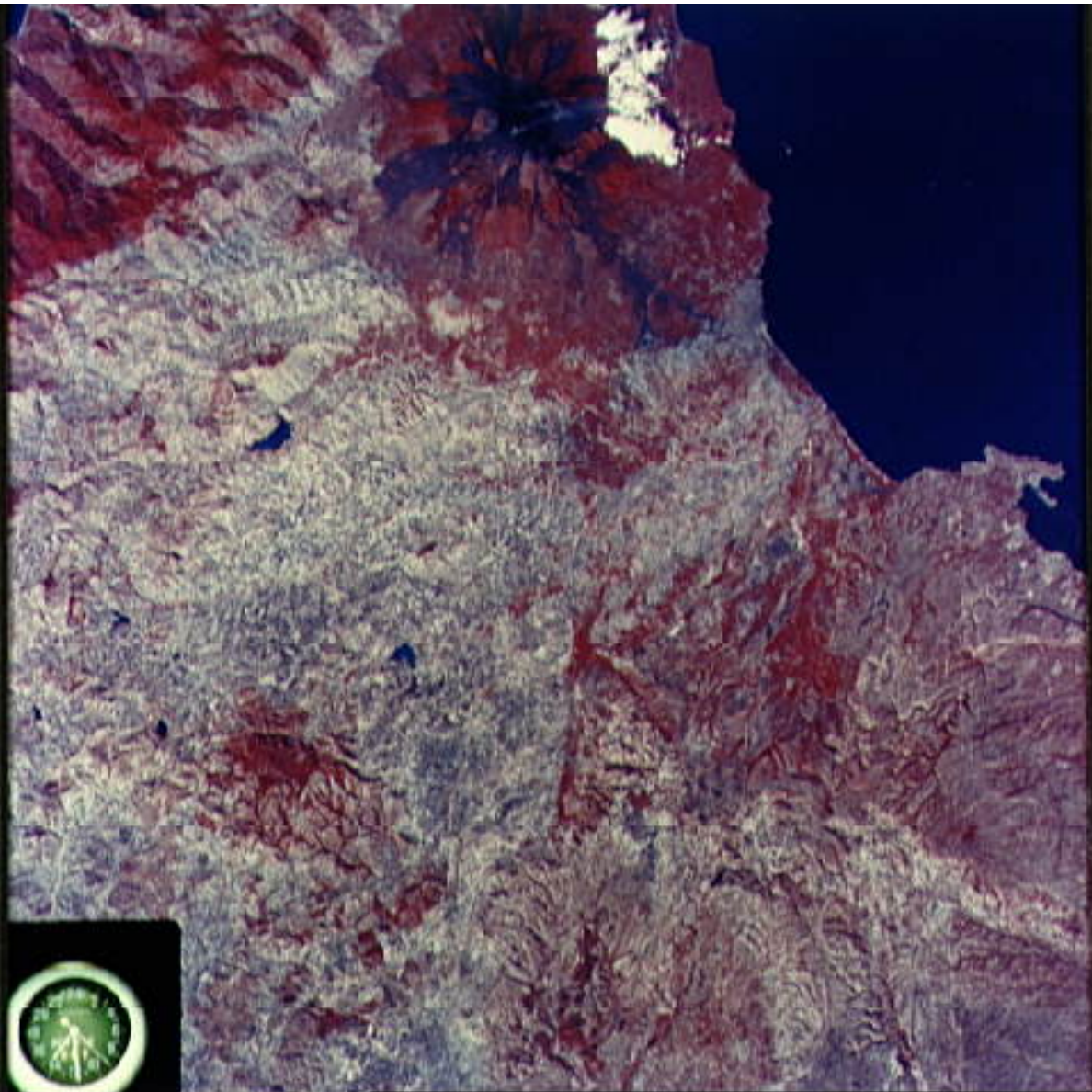
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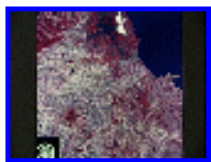
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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: SL3-87-355

File Name: 10076275.jpg

Film Type: 70mm

Date Taken: 08/15/73

Title: View of eastern coast of Sicily area

### Description:

A vertical view of the eastern coast of Sicily area is seen in this Skylab 3 Earth Resources Experiments Package S190-B (five-inch earth terrain camera) infrared photograph taken from the Skylab space station in Earth orbit. Mount Etna, the highest volcano in Europe (10,958 feet), is still active as evidenced by the thin plume of smoke emanating from its crest. On the flanks of Etna recent lava flows appear black in contrast to the older flows and volcanic debris that are red. Numerous small, circular cinder cones on the flanks represent sites of previous eruptions. Catania, on the Mediterranean coast south of Etna, is the largest of several cities and villages which appear as light-gray patches on the lower slopes of the volcano. Plano de Catania, south of the city of Catania, is outlined by polygonal light and dark agricultural tracts. Several lakes, the largest of which is Lake Pozzillo, show up as dark blue in the photograph. The unusual colors in the picture are due to the use of color infrared film in which vegetation appears red. This is very evident on the slopes of Etna, in the Monti Nebrodi area at upper left, and in the local areas in the lower part of the picture.

### Subject terms:

CITIES

COASTS

EARTH OBSERVATIONS (FROM SPACE)

INFRARED PHOTOGRAPHY

LAKES

ONBOARD ACTIVITIES

SICILY

SKYLAB 3

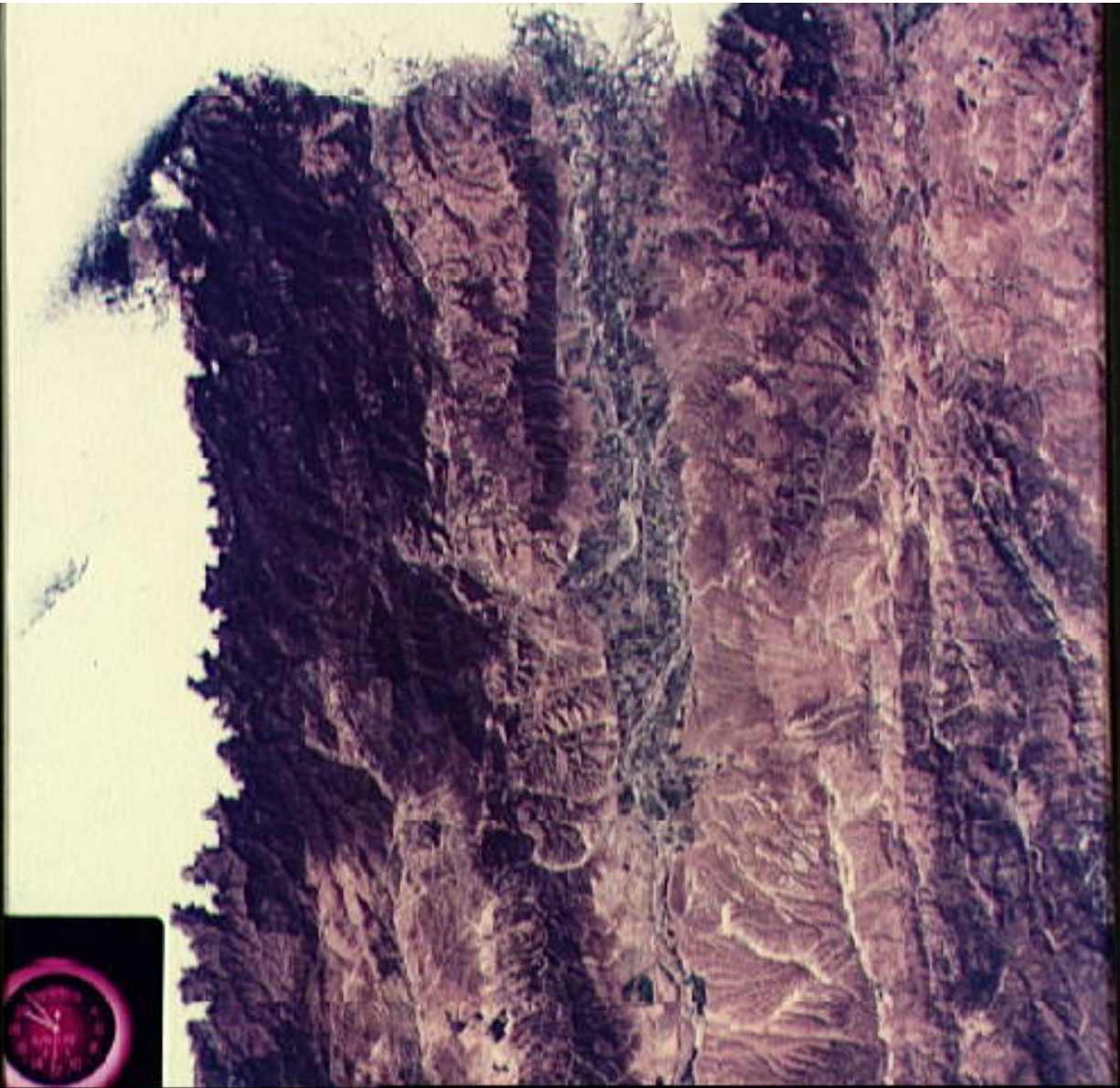
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SPACEBORNE EXPERIMENTS

VEGETATION

VOLCANOES

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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: SL3-88-004

File Name: 10076277.jpg

Film Type: 70mm

Date Taken: 08/15/73

Title: View of the Salinas River Valley area south of Monterey Bay, California

### Description:

A vertical view of the Salinas River Valley area south of Monterey Bay, California area is seen in this Skylab 3 Earth Resources Experiments Package S190-B (five-inch earth terrain camera) photograph taken from the Skylab space station in Earth orbit. The valley is an irrigated agricultural area, as indicated by the dark-green and light-gray rectangular patterns in the center of the picture. The city of Salinas is barely visible under the cloud cover at the top (north) end of the valley. The dark mass on the left (west) side of the valley is the Santa Lucia mountain range. The Big Sur area is on the left and partly covered by clouds. The Diablo Range forms the dark mass in the lower right (southeast) corner of the photograph. The town of Hillister is the grey area in the dark-green rectangular farm tracts which occupy the floor of the San Benito Valley in the upper right (northeast) corner of the photograph. The Salinas River flows northwestward toward Monterey Bay. The towns of Soledad, Graenfield and King City appear as grey areas along U.S. 101 in the Salinas Valley.

### Subject terms:

AGRICULTURE

CALIFORNIA

CITIES

EARTH OBSERVATIONS (FROM SPACE)

INFRARED PHOTOGRAPHY

MOUNTAINS

ONBOARD ACTIVITIES

RIVERS

SKYLAB 3

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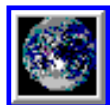
VALLEYS



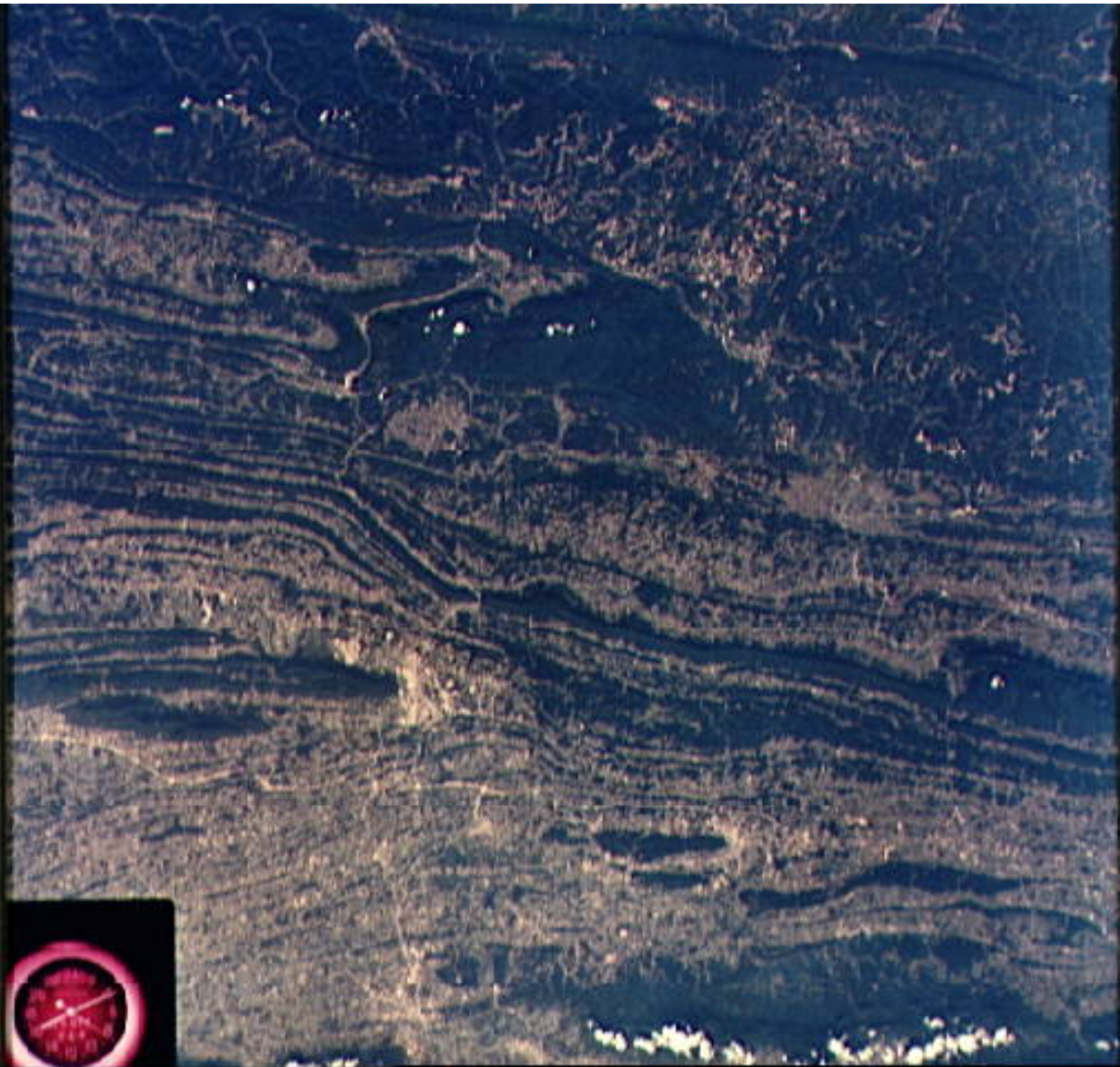
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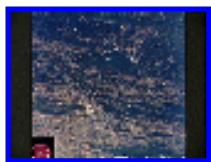


[Back to Digital Image Collection Home Page](#)



# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: SL3-88-053

File Name: 10076278.jpg

Film Type: 70mm

Date Taken: 08/15/73

Title: View of Tennessee, Virginia, Kentucky border area

### Description:

A near vertical view of the Tennessee, Virginia, Kentucky border area is seen in this Skylab 3 Earth Resources Experiments Package S190-B (five-inch earth terrain camera) photograph taken from the Skylab space station in Earth orbit. The clock is in the most southerly corner of the picture. Interstate 81 under construction extends northeast-southwest across the bottom portion of the photograph. The larger urban area nearest the center of the picture is Kingsport, Tennessee. On the southern side of I-80 and east of Kingsport is the city of Bristol, Tennessee-Virginia. Johnson City, Tennessee is the urban area near the edge of the picture southeast of Kingsport. The Holston River, a tributary of the Tennessee River, meanders through the Kingsport area. The characteristic ridge and valley features in the Cumberland Plateau of Kentucky, Tennessee and Virginia are clearly visible. Forests (dark green) occur on the ridges and clearly outline the folded and faulted rock formations. Agricultural areas are indicated by the characteristic rectangular patterns. The irregular light areas in the Kentucky-Virginia border area are the strip mines which follow the contour of the land.

### Subject terms:

AGRICULTURE

CITIES

EARTH OBSERVATIONS (FROM SPACE)

KENTUCKY

MINES

ONBOARD ACTIVITIES

SKYLAB 3

SKYLAB PROGRAM

SPACEBORNE EXPERIMENTS

TENNESSEE

ULTRAVIOLET PHOTOGRAPHY

VIRGINIA

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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: SL3-88-222

File Name: 10076258.jpg

Film Type: 70mm

Date Taken: 09/18/73

Title: Metropolitan area of Chicago

Description:

The metropolitan area of Chicago is encompassed in this Skylab 3 Earth Resources Experiments Package (EREP) S190-B photograph taken on September 18, 1973 from the Skylab space station cluster in Earth orbit. The surrounding major cities of Aurora and Joliet, Illinois; Hammond, Gary and East Chicago, Indiana, are easily delineated.

Subject terms:

CITIES

EARTH OBSERVATIONS (FROM SPACE)

ILLINOIS

ONBOARD ACTIVITIES

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Curator: [James McAlpin](#)

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## Press Release Images

# SL4

NASA Photo ID:

Title:

S71-51282	<a href="#">image</a>	<a href="#">text</a>	Portrait of Astronaut Gerald P. Carr
S71-52275	<a href="#">image</a>	<a href="#">text</a>	Portrait of Astronaut Edward G. Gibson
S72-17494	<a href="#">image</a>	<a href="#">text</a>	Skylab 4 astronauts during an "open house" press day in Skylab mock-up
S72-46702	<a href="#">image</a>	<a href="#">text</a>	Skylab 4 astronauts during preflight press conference
S72-53094	<a href="#">image</a>	<a href="#">text</a>	Emblem for the third manned Skylab mission - Skylab 4
S73-28411	<a href="#">image</a>	<a href="#">text</a>	Skylab 4 crew in preflight training at Apollo Telescope Mount mock-up
S73-28412	<a href="#">image</a>	<a href="#">text</a>	Skylab 4 crew in preflight training at Apollo Telescope Mount mock-up
S73-32837	<a href="#">image</a>	<a href="#">text</a>	Astronauts Gibson and Pogue at Apollo Telescope Mount display/control panel
S73-32839	<a href="#">image</a>	<a href="#">text</a>	Astronaut Edward Gibson seated at the Apollo Telescope Mount mock-up
S73-32840	<a href="#">image</a>	<a href="#">text</a>	Astronaut Edward Gibson trains with Earth Resources Experiments Package
S73-32847	<a href="#">image</a>	<a href="#">text</a>	Astronaut Gerald Carr trains with Earth Resources Experiments Package
S73-32848	<a href="#">image</a>	<a href="#">text</a>	Astronaut Edard Gibson examines film for 16mm Data Acquisition Camera
S73-32854	<a href="#">image</a>	<a href="#">text</a>	Astronaut William Pogue using Skylab Viewfinder Tracking System experiment
S73-33208	<a href="#">image</a>	<a href="#">text</a>	Skylab 4 crew portrait

S73-33283	<a href="#">image</a>	<a href="#">text</a>	Videographs of Comet Kohoutek taken by Kitt Peak National Observatory
S73-33858	<a href="#">image</a>	<a href="#">text</a>	View of treadmill-like exercise device developed for Skylab 4 crewmen
S73-33861	<a href="#">image</a>	<a href="#">text</a>	View of treadmill-like exercise device developed for Skylab 4 crewmen
S73-34093	<a href="#">image</a>	<a href="#">text</a>	Skylab 4 crew at start of high altitude chamber test at KSC
S73-34094	<a href="#">image</a>	<a href="#">text</a>	Skylab 4 crew at start of high altitude chamber test at KSC
S73-34095	<a href="#">image</a>	<a href="#">text</a>	Skylab 4 crew at start of high altitude chamber test at KSC
S73-34367	<a href="#">image</a>	<a href="#">text</a>	View of launch Pad B, Launch Complex 39 on morning of launch
S73-36228	<a href="#">image</a>	<a href="#">text</a>	Astronaut Gerald Carr sits on the bicycle ergometer during prelaunch
S73-36766	<a href="#">image</a>	<a href="#">text</a>	Skylab 4 crewmen at Ellington AFB before flying to Kennedy Space Center
S73-36900	<a href="#">image</a>	<a href="#">text</a>	Skylab 4 crew during spacesuit pressure and fit checks at KSC
S73-36904	<a href="#">image</a>	<a href="#">text</a>	Skylab 4 crew photographed near Pad B, Launch Complex 39
S73-36905	<a href="#">image</a>	<a href="#">text</a>	Astronaut William Pogue during spacesuit pressure and fit checks at KSC
S73-36908	<a href="#">image</a>	<a href="#">text</a>	Astronaut Gerald Carr during spacesuit pressure and fit checks at KSC
S73-36909	<a href="#">image</a>	<a href="#">text</a>	Flight Operations Director's console in Mission Control during Skylab 4
S73-36910	<a href="#">image</a>	<a href="#">text</a>	Engineer's drawing of Skylab 4 Far Ultraviolet Electronographic camera
S73-37030	<a href="#">image</a>	<a href="#">text</a>	Flight controllers discuss procedures for repair of coolant system in Skylab

S73-37248	<a href="#">image</a>	<a href="#">text</a>	Skylab 4 crew photographed near Pad B, Launch Complex 39 during preflight
S73-37251	<a href="#">image</a>	<a href="#">text</a>	Astronaut Bruce McCandless shows mockup of occulting disc for Skylab exp.
S73-37264	<a href="#">image</a>	<a href="#">text</a>	Skylab instrumentation relationship to Spectral emissions
S73-37273	<a href="#">image</a>	<a href="#">text</a>	Artist's concept of trajectory of Comet Kohoutek to Sun and Earth
S73-37274	<a href="#">image</a>	<a href="#">text</a>	Artist's concept of Skylab 4 astronauts observing Comet Kohoutek
S73-37286	<a href="#">image</a>	<a href="#">text</a>	Launch of the Skylab 4/Saturn 1B space vehicle
S73-37287	<a href="#">image</a>	<a href="#">text</a>	Launch of the Skylab 4/Saturn 1B space vehicle
S73-37650	<a href="#">image</a>	<a href="#">text</a>	Astronauts Carr and Gibson in the wardroom of the Orbital Workshop
S73-37929	<a href="#">image</a>	<a href="#">text</a>	Sunrise view launch Pad B, Launch Complex 39 on morning of launch
S73-38390	<a href="#">image</a>	<a href="#">text</a>	Earth-based photography of Comet Kohoutek in sky on December 6, 1973
S73-38687	<a href="#">image</a>	<a href="#">text</a>	"Christmas tree" created by Skylab 4 crewmembers
S73-38731	<a href="#">image</a>	<a href="#">text</a>	Photograph of Comet Kohoutek taken from Skylab
S73-38962	<a href="#">image</a>	<a href="#">text</a>	Skylab 4 crew confer via television communication with Dr. Kohoutek
S74-15064	<a href="#">image</a>	<a href="#">text</a>	Dr. Lubos Kohoutek in Mission Control during Skylab 4
S74-15696	<a href="#">image</a>	<a href="#">text</a>	Solar disk photographed through Ultraviolet Spectrograph/Heliograph
S74-15697	<a href="#">image</a>	<a href="#">text</a>	Solar corona/prominence seen through the White Light Coronagraph
S74-17000	<a href="#">image</a>	<a href="#">text</a>	Astronaut Gerald Carr relaxes after Skylab 4 mission recovery
S74-17133	<a href="#">image</a>	<a href="#">text</a>	Skylab 4 Command Module in Pacific Ocean following splashdown

S74-17304	<a href="#">image</a>	<a href="#">text</a>	Skylab 4 crewmen passing trash bags in to the OWS waste disposal tank
S74-17305	<a href="#">image</a>	<a href="#">text</a>	Astronaut Gerald P. Carr flies the Astronaut Maneuvering Equipment in the OWS
S74-17306	<a href="#">image</a>	<a href="#">text</a>	Astronaut Edward Gibson stands at Apollo Telescope Mount in Skylab
S74-17456	<a href="#">image</a>	<a href="#">text</a>	Astronaut Gerald Carr during EVA on Skylab 4
S74-17457	<a href="#">image</a>	<a href="#">text</a>	View of Skylab 4 Command/Service module in docked configuration
S74-17688	<a href="#">image</a>	<a href="#">text</a>	Color photograph of the comet Kohoutek
S74-17735	<a href="#">image</a>	<a href="#">text</a>	Skylab 4 crewmen look over notes for press conference
S74-17741	<a href="#">image</a>	<a href="#">text</a>	Skylab 4 Command Module in Pacific Ocean after splashdown
S74-17742	<a href="#">image</a>	<a href="#">text</a>	Skylab 4 Command Module in Pacific Ocean after splashdown
S74-17744	<a href="#">image</a>	<a href="#">text</a>	Skylab 4 crewmen aboard the U.S.S. New Orleans
S74-18098	<a href="#">image</a>	<a href="#">text</a>	Ultraviolet photograph of a solar flare using the ERAP
S74-19160	<a href="#">image</a>	<a href="#">text</a>	View of Mission Control following splashdown of Skylab 4 command module
S74-20010	<a href="#">image</a>	<a href="#">text</a>	Six frames of S201 experiment photograph showing halo of Comet Kohoutek
S74-21921	<a href="#">image</a>	<a href="#">text</a>	Sun photographed by Apollo Telescope Mount through spectroheliometer
S74-23458	<a href="#">image</a>	<a href="#">text</a>	Photograph of the Sun, taken during final Skylab mission
S74-34046	<a href="#">image</a>	<a href="#">text</a>	President Gerald Ford holds crystal manufactured in space during Skylab 4
S75-31305	<a href="#">image</a>	<a href="#">text</a>	Portrait of Astronaut William R. Pogue
SL4-136-3388	<a href="#">image</a>	<a href="#">text</a>	View of a South Pacific storm photographed from Skylab space station
SL4-136-3475	<a href="#">image</a>	<a href="#">text</a>	View of Gulf coast area of Louisiana from Skylab space station

SL4-136-3501	<a href="#">image</a>	<a href="#">text</a>	View of portion of Queensland, Australia from Skylab space station
SL4-137-3566	<a href="#">image</a>	<a href="#">text</a>	Clouds near New Zealand photographed from Skylab space station
SL4-137-3578	<a href="#">image</a>	<a href="#">text</a>	View of Melbourne, Australia as seen from Skylab space station
SL4-137-3579	<a href="#">image</a>	<a href="#">text</a>	View of Melbourne, Australia as seen from Skylab space station
SL4-137-3608	<a href="#">image</a>	<a href="#">text</a>	View of cold water eddies in Falkland Current off southern Argentina
SL4-137-3632	<a href="#">image</a>	<a href="#">text</a>	View of atmospheric wave patterns by effect of island on wind currents
SL4-137-3655	<a href="#">image</a>	<a href="#">text</a>	Island wake produced by Antipodes Islands south of New Zealand
SL4-137-3700	<a href="#">image</a>	<a href="#">text</a>	View of portion of South Island, New Zealand as seen from Skylab
SL4-137-3721	<a href="#">image</a>	<a href="#">text</a>	Plankton blooms in the Falkland Current east of Argentina coast
SL4-138-3756	<a href="#">image</a>	<a href="#">text</a>	Northern half of Mauritania's Atlantic Coast from Skylab
SL4-138-3760	<a href="#">image</a>	<a href="#">text</a>	View of northeastern Mexico and the Rio Grande Valley of Texas
SL4-138-3820	<a href="#">image</a>	<a href="#">text</a>	View of chains of star sand dunes in eastern Algeria from Skylab
SL4-138-3834	<a href="#">image</a>	<a href="#">text</a>	View of portion of Murray River Basin of State of Victoria, Australia
SL4-138-3843	<a href="#">image</a>	<a href="#">text</a>	Northern California near San Francisco
SL4-138-3846	<a href="#">image</a>	<a href="#">text</a>	Northwest corner of Wyoming
SL4-138-3875	<a href="#">image</a>	<a href="#">text</a>	View east over the Rocky Mountains and Great Plains
SL4-138-3894	<a href="#">image</a>	<a href="#">text</a>	View of portion of the northeastern United States as seen from Skylab

SL4-139-3932	<a href="#">image</a>	<a href="#">text</a>	Minnesota, Iowa, Wisconsin and Mississippi river as seen from Skylab
SL4-139-3942	<a href="#">image</a>	<a href="#">text</a>	View of Island of Kyushu, Japan from Skylab
SL4-139-3953	<a href="#">image</a>	<a href="#">text</a>	Lake Superior as seen from Skylab
SL4-139-3971	<a href="#">image</a>	<a href="#">text</a>	View of Island of Kyushu, Japan from Skylab
SL4-139-3989	<a href="#">image</a>	<a href="#">text</a>	Portion of the Great Lakes area as seen from Skylab
SL4-139-3997	<a href="#">image</a>	<a href="#">text</a>	Island of Hawaii, State of Hawaii seen from Skylab
SL4-139-4029	<a href="#">image</a>	<a href="#">text</a>	State of Florida as seen from Skylab
SL4-139-4040	<a href="#">image</a>	<a href="#">text</a>	View of portion of Western United States as seen by Skylab
SL4-139-4072	<a href="#">image</a>	<a href="#">text</a>	North Atlantic coast of Canada from Skylab
SL4-140-4110	<a href="#">image</a>	<a href="#">text</a>	View of USSR, Siberia, Ozero, Kanka, Ussiriysk, Sea of Japan and Kavaleroovo
SL4-140-4111	<a href="#">image</a>	<a href="#">text</a>	Aleutian Islands area of Alaska from Skylab
SL4-141-4316	<a href="#">image</a>	<a href="#">text</a>	Ice formations in Canada's Hudson Bay as seen from Skylab
SL4-141-4320	<a href="#">image</a>	<a href="#">text</a>	Gulf of St. Lawrence area of Canada as seen from Skylab
SL4-141-4340	<a href="#">image</a>	<a href="#">text</a>	Southern part of the Sea of Okhotsk, north of Japan
SL4-142-4542	<a href="#">image</a>	<a href="#">text</a>	Pacific Coast of Southern California including Los Angeles and San Diego
SL4-142-4548	<a href="#">image</a>	<a href="#">text</a>	Northwestern Mexico as photographed from Skylab
SL4-142-4577	<a href="#">image</a>	<a href="#">text</a>	South Georgia Island in the South Atlantic Ocean
SL4-143-4706	<a href="#">image</a>	<a href="#">text</a>	View of Skylab space station cluster in Earth orbit from CSM
SL4-143-4707	<a href="#">image</a>	<a href="#">text</a>	View of Skylab space station cluster in Earth orbit from CSM
SL4-149-5036	<a href="#">image</a>	<a href="#">text</a>	View of triangle-shaped cleat on bottom of astronaut's shoe

SL4-150-5062 [image](#) [text](#) View from airlock hatch looking down length of Orbiting Workshop

SL4-150-5074 [image](#) [text](#) Astronaut Edward Gibson sails through airlock module hatch

SL4-150-5075 [image](#) [text](#) Astronaut Gerald Carr floats in forward dome area

SL4-150-5080 [image](#) [text](#) Astronauts Carr and Pogue demonstrate weight training in zero-gravity

SL4-92-300 [image](#) [text](#) Mobile Bay, Alabama area seen in Skylab 4 Earth Resources Experiment Package

SL4-93-067 [image](#) [text](#) Flagstaff, Arizona seen in Earth Resources Experiments package

SL4-93-153 [image](#) [text](#) Birmingham and central Alabama area seen in Earth Resources Exp. Package

SL4-93-167 [image](#) [text](#) Kennedy Space Center and the Florida Atlantic coast area



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Curator: [James McAlpin](#)

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Last Updated: February 23, 2000





# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S71-51282

File Name: 10076307.jpg

Film Type: 4x5

Date Taken: 01/01/71

Title: Portrait of Astronaut Gerald P. Carr

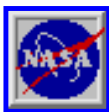
Description:

Portrait of Astronaut Gerald P. Carr, in his space suit with a model of the Skylab space station on the table in front of him.

Subject terms:

ASTRONAUTS

PORTRAIT



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Curator: [James McAlpin](#)

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NASA Technical Monitor: [Scott Norr](#)

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Last Updated: February 23, 2000



# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S71-52275

File Name: 10076308.jpg

Film Type: 4x5

Date Taken: 01/01/71

Title: Portrait of Astronaut Edward G. Gibson

Description:

Portrait of Astronaut Edward G. Gibson, in his space suit with a model of the skylab space station on the table in front of him.

Subject terms:

ASTRONAUTS

PORTRAIT



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External Affairs Branch

Mail Code AP4

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Houston, TX 77058

Fax: (281) 483-2848

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NASA Technical Monitor: [Scott Norr](#)

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Last Updated: February 23, 2000



# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S72-17494

File Name: 10076311.jpg

Film Type: 4x5

Date Taken: 01/19/72

Title: Skylab 4 astronauts during an "open house" press day in Skylab mock-up  
Description:

These three men make up the crew of the Skylab 4 mission. They are, left to right, Scientist-Astronaut Edward G. Gibson, science pilot; Astronaut Gerald P. Carr, commander; and Astronaut William R. Pogue, pilot. They were photographed and interviewed during an "open house" press day in the realistic atmosphere of Skylab mock-up and trainers in the Mission Simulation and Training facility at the Manned Spacecraft Center.

Subject terms:

ASTRONAUTS

CONFERENCES

FACILITIES

JOHNSON SPACE CENTER

MOCK-UP

NEWS MEDIA

PUBLIC RELATIONS

SKYLAB 4

SKYLAB PROGRAM

TEXAS



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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S72-46702

File Name: 10076312.jpg

Film Type: 4x5

Date Taken: 12/01/72

Title: Skylab 4 astronauts during preflight press conference

Description:

The three members of the prime crew of the third of three scheduled manned Skylab missions (Skylab 4) appear before a gathering of news media representatives at a press conference held at the Manned Spacecraft Center. They are, left to right, Astronaut William R. Pogue, pilot; Scientist-Astronaut Edward G. Gibson, science pilot; and Astronaut Gerald P. Carr, commander.

Subject terms:

ASTRONAUTS

CONFERENCES

FACILITIES

JOHNSON SPACE CENTER

NEWS MEDIA

PUBLIC RELATIONS

PUBLIC SPEAKING

SKYLAB 4

SKYLAB PROGRAM

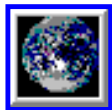
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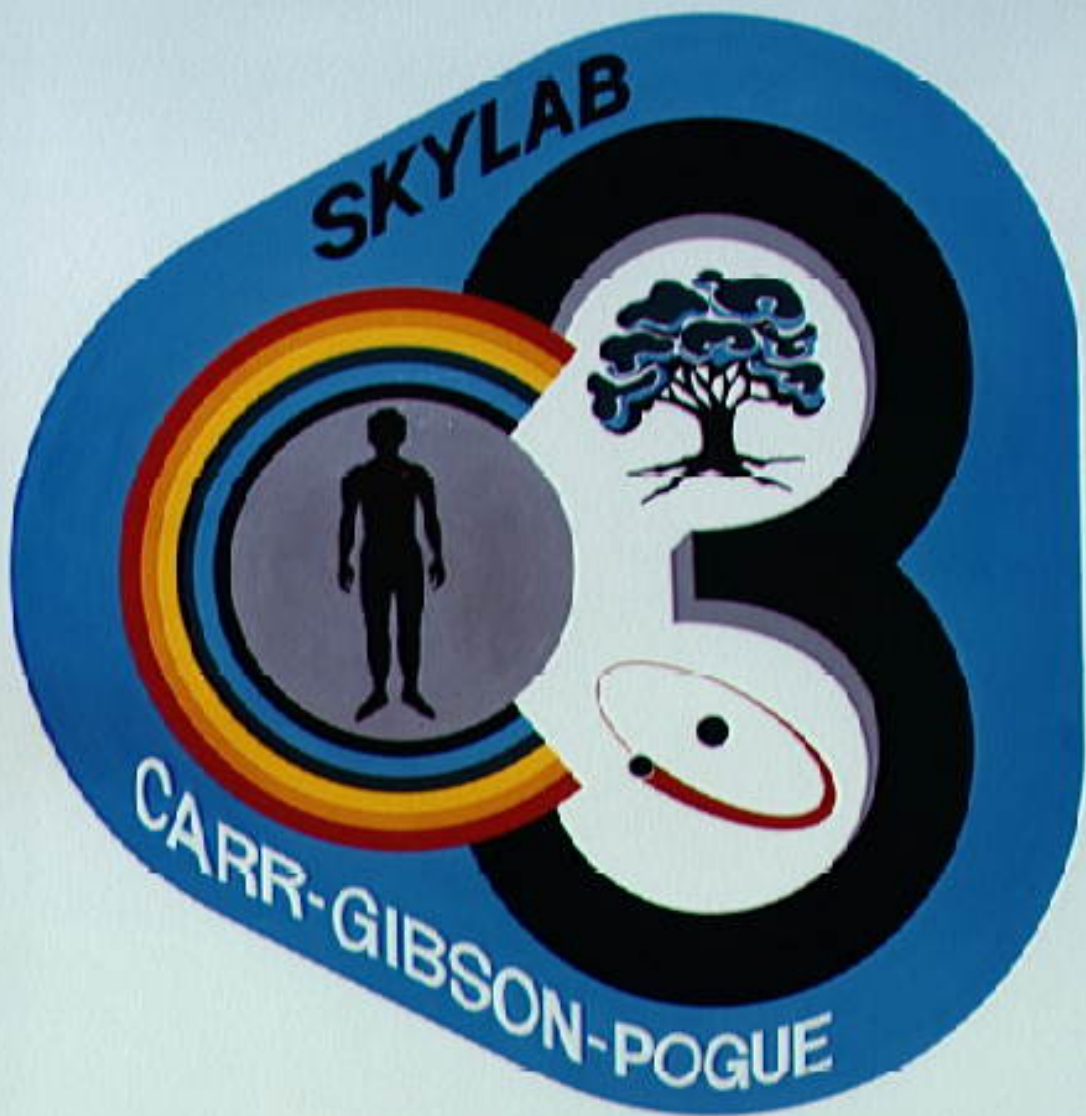
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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S72-53094

File Name: 10076306.jpg

Film Type: 4x5

Date Taken: 02/01/73

Title: Emblem for the third manned Skylab mission - Skylab 4

Description:

This is the emblem for the third manned Skylab mission. It will be a mission of up to 56 days. The symbols in the patch refer to the three major areas of investigation proposed in the mission. The tree represents man's natural environment and relates directly to the Skylab mission objectives of advancing the study of Earth resources. The hydrogen atom, as the basic building block of the universe, represents man's exploration of the physical world, his application of knowledge, and his development of technology. Since the Sun is composed primarily of hydrogen, it is appropriate that the symbol refers to the solar physics mission objectives. The human silhouette represents mankind and the human capacity to direct technology with a wisdom tempered by regard for his natural environment. It also directly relates to the Skylab medical studies of man himself. The rainbow, adopted from the Biblical story of the flood, symbolizes the promise that is offered man. It embraces man and extends to the tree and the hydrogen atom emphasizing man's pivotal role in the conciliation of technology with nature.

Subject terms:

INSIGNIAS

LOGO

SKYLAB 4

SKYLAB PROGRAM



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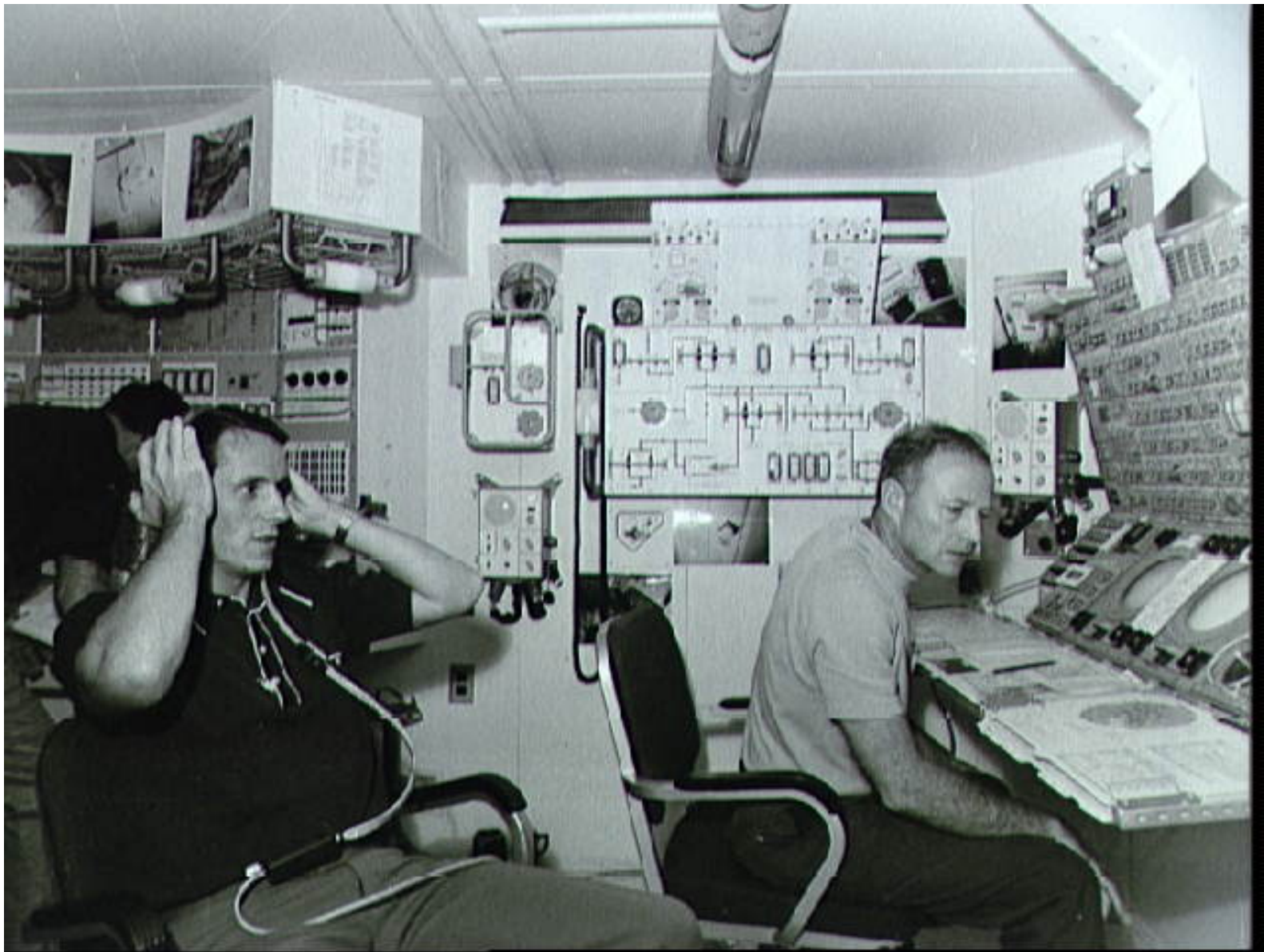
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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S73-28411

File Name: 10076313.jpg

Film Type: 35mm BW

Date Taken: 02/01/73

Title: Skylab 4 crew in preflight training at Apollo Telescope Mount mock-up

Description:

The three members of the prime crew of the third of three scheduled manned Skylab missions (Skylab 4) go through Skylab preflight training in the Mission Training and Simulation Facility at JSC. Astronaut Gerald P. Carr (on right), Skylab 4 commander, is seated at a simulator which represents the control and display console of the Apollo Telescope Mount which is located in the space station's Multiple Docking Adapter. Seated on the left is Scientist-Astronaut Edward G. Gibson, Skylab 4 science pilot. In the left background is Astronaut William R. Pogue, Skylab 4 pilot.

Subject terms:

ASTRONAUT TRAINING

ASTRONAUTS

FACILITIES

JOHNSON SPACE CENTER

MOCK-UP

SIMULATION

SKYLAB 4

SKYLAB PROGRAM

SPACEBORNE TELESCOPES

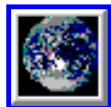
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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S73-28412

File Name: 10076314.jpg

Film Type: 35mm BW

Date Taken: 02/01/73

Title: Skylab 4 crew in preflight training at Apollo Telescope Mount mock-up

Description:

The three members of the prime crew of the third of three scheduled manned Skylab missions (Skylab 4) go through Skylab preflight training in the Mission Training and Simulation Facility at JSC. Astronaut Gerald P. Carr (on right), Skylab 4 commander, is seated at a simulator which represents the control and display console of the Apollo Telescope Mount which is located in the space station's Multiple Docking Adapter. Seated on the left is Scientist-Astronaut Edward G. Gibson, Skylab 4 science pilot. In the left background is Astronaut William R. Pogue, Skylab 4 pilot.

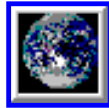
Subject terms:



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Last Updated: February 23, 2000



# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S73-32837

File Name: 10076320.jpg

Film Type: 35mm

Date Taken: 09/10/73

Title: Astronauts Gibson and Pogue at Apollo Telescope Mount display/control panel  
Description:

Scientist-Astronaut Edward G. Gibson, seated, and Astronaut William R. Pogue discuss a mission procedure at the Apollo Telescope Mount (ATM) display and control panel mockup in the one-G trainer for the Multiple Docking Adapter (MDA) at JSC.

Subject terms:

ASTRONAUT TRAINING

ASTRONAUTS

JOHNSON SPACE CENTER

MOCK-UP

PROCEDURES

REVIEWING

SIMULATORS

SKYLAB 3

SKYLAB PROGRAM

SPACEBORNE TELESCOPES

TEXAS

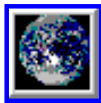
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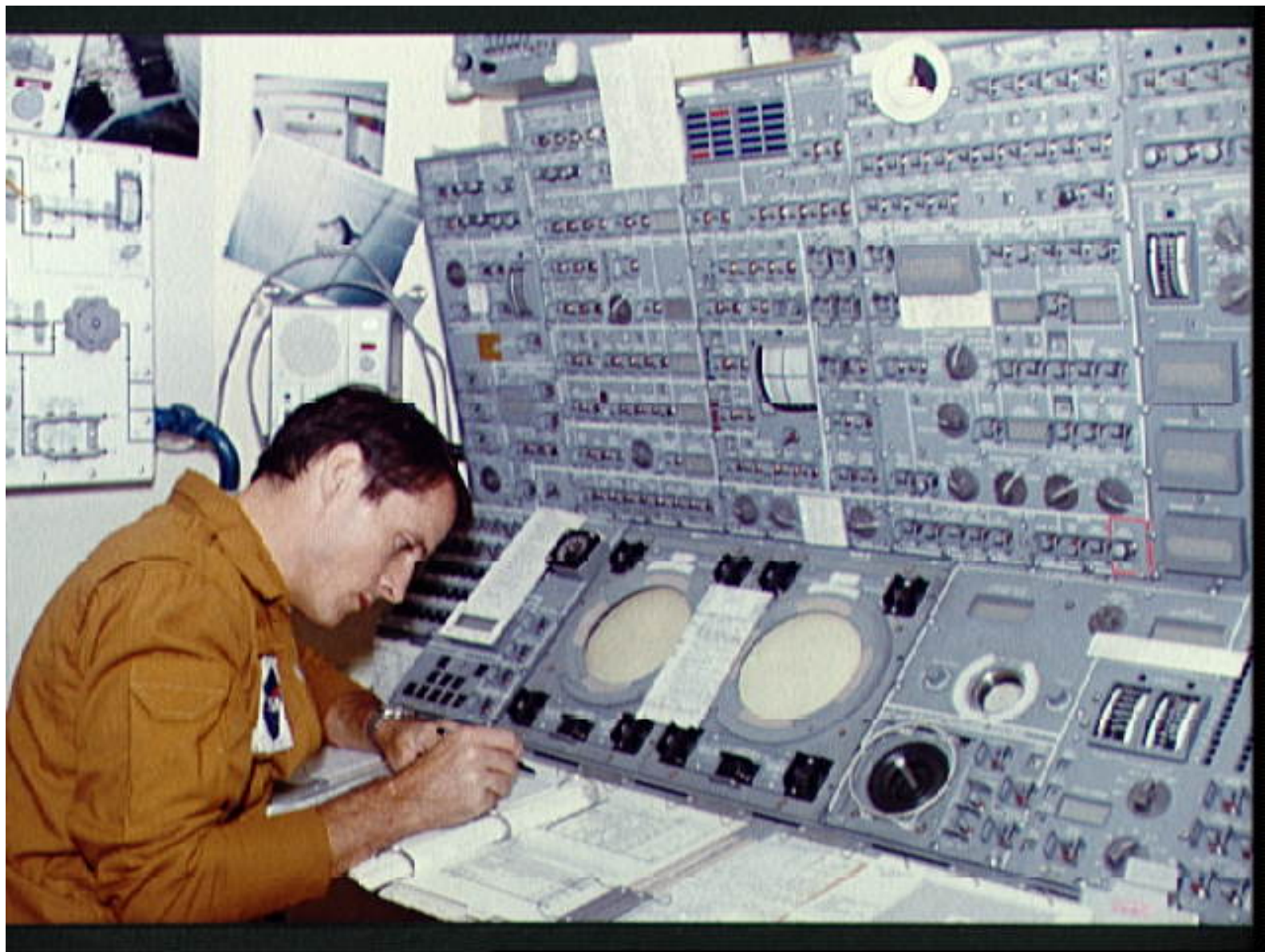
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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S73-32839

File Name: 10076321.jpg

Film Type: 35mm

Date Taken: 09/10/73

Title: Astronaut Edward Gibson seated at the Apollo Telescope Mount mock-up

Description:

Scientist-Astronaut Edward G. Gibson, science pilot for the third manned Skylab mission, enters a notation in a manual while seated at the control and display panel for the Apollo Telescope Mount (ATM) during simulations inside the one-G trainer for the Multiple Docking Adapter (MDA) at JSC.

Subject terms:

ASTRONAUT TRAINING

ASTRONAUTS

FACILITIES

JOHNSON SPACE CENTER

MOCK-UP

SIMULATION

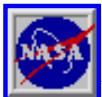
SKYLAB 4

SKYLAB PROGRAM

SPACEBORNE TELESCOPES

TEXAS

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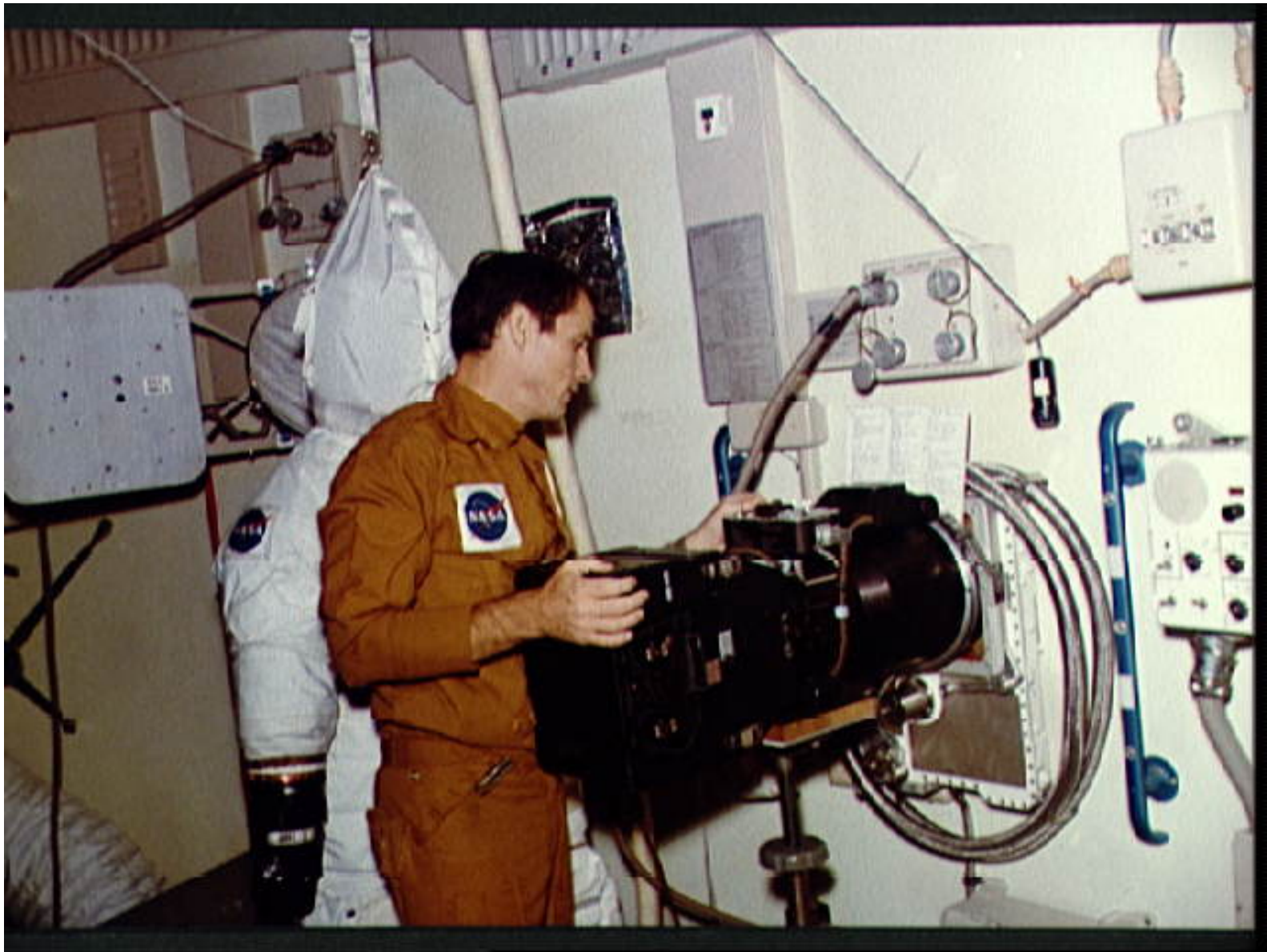
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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S73-32840

File Name: 10076322.jpg

Film Type: 35mm

Date Taken: 09/10/73

Title: Astronaut Edward Gibson trains with Earth Resources Experiments Package

### Description:

Scientist-Astronaut Edward G. Gibson, Skylab 4 science pilot, turns on a switch on the control box of the S190B camera, one of the components of the Earth Resources Experiments Package (EREP). The single lens Earth Terrain Camera takes five-inch photographs. Behind Gibson is the stowed suits of Astronaut Gerald P. Carr, commander for the third manned mission. The exercise took place in the Orbital Workshop one-G trainer at JSC.

### Subject terms:

ASTRONAUT TRAINING

ASTRONAUTS

CONSOLES

CONTROL BOARDS

EARTH RESOURCES

FACILITIES

JOHNSON SPACE CENTER

MOCK-UP

SIMULATION

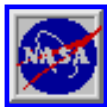
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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S73-32847

File Name: 10076323.jpg

Film Type: 35mm

Date Taken: 09/10/73

Title: Astronaut Gerald Carr trains with Earth Resources Experiments Package  
Description:

Astronaut Gerald P. Carr, Skylab 4 commander, changes a dial on the control and display panel for the Earth Resources Experiments package (EREP) during a training exercise in the Multiple Docking Adapter (MDA) one-G trainer at JSC.

Subject terms:

ASTRONAUT TRAINING

ASTRONAUTS

CONSOLES

CONTROL BOARDS

EARTH RESOURCES

FACILITIES

JOHNSON SPACE CENTER

MOCK-UP

SIMULATION

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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S73-32848

File Name: 10076319.jpg

Film Type: 35mm

Date Taken: 09/09/73

Title: Astronaut Edard Gibson examines film for 16mm Data Acquisition Camera  
Description:

Scientist-Astronaut Edard G. Gibson, science pilot for the third manned Skylab mission, reads the markings on a magazine of 400 feet of film for the 16mm Data Acquisition Camera (DAC), during a training exercise in the Orbital Workshop (OWS) trainer at JSC.

Subject terms:

ASTRONAUT TRAINING

ASTRONAUTS

EXAMINATION

JOHNSON SPACE CENTER

PHOTOGRAPHIC EQUIPMENT

PHOTOGRAPHIC FILM

SIMULATORS

SKYLAB 4

SKYLAB PROGRAM

TEXAS

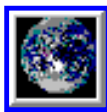
TRAINING DEVICES



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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S73-32854

File Name: 10076324.jpg

Film Type: 35mm

Date Taken: 09/10/73

Title: Astronaut William Pogue using Skylab Viewfinder Tracking System experiment

Description:

Astronaut William R. Pogue, Skylab 4 pilot, using the Skylab Viewfinder Tracking System (S191 experiment) during a training exercise in the Multiple docking adapter (MDA) one-G trainer at JSC. In the background is Astronaut Gerald P. Carr, seated at the control panel for the Earth Resources Experiments Package (EREP). Carr is Skylab 4 crew commander, and Gibson is Science pilot.

Subject terms:

ASTRONAUT TRAINING

ASTRONAUTS

CONTROL BOARDS

JOHNSON SPACE CENTER

SKYLAB 3

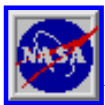
SKYLAB PROGRAM

SPACEBORNE EXPERIMENTS

TEXAS

TRACKING (POSITION)

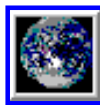
TRACKING RADAR



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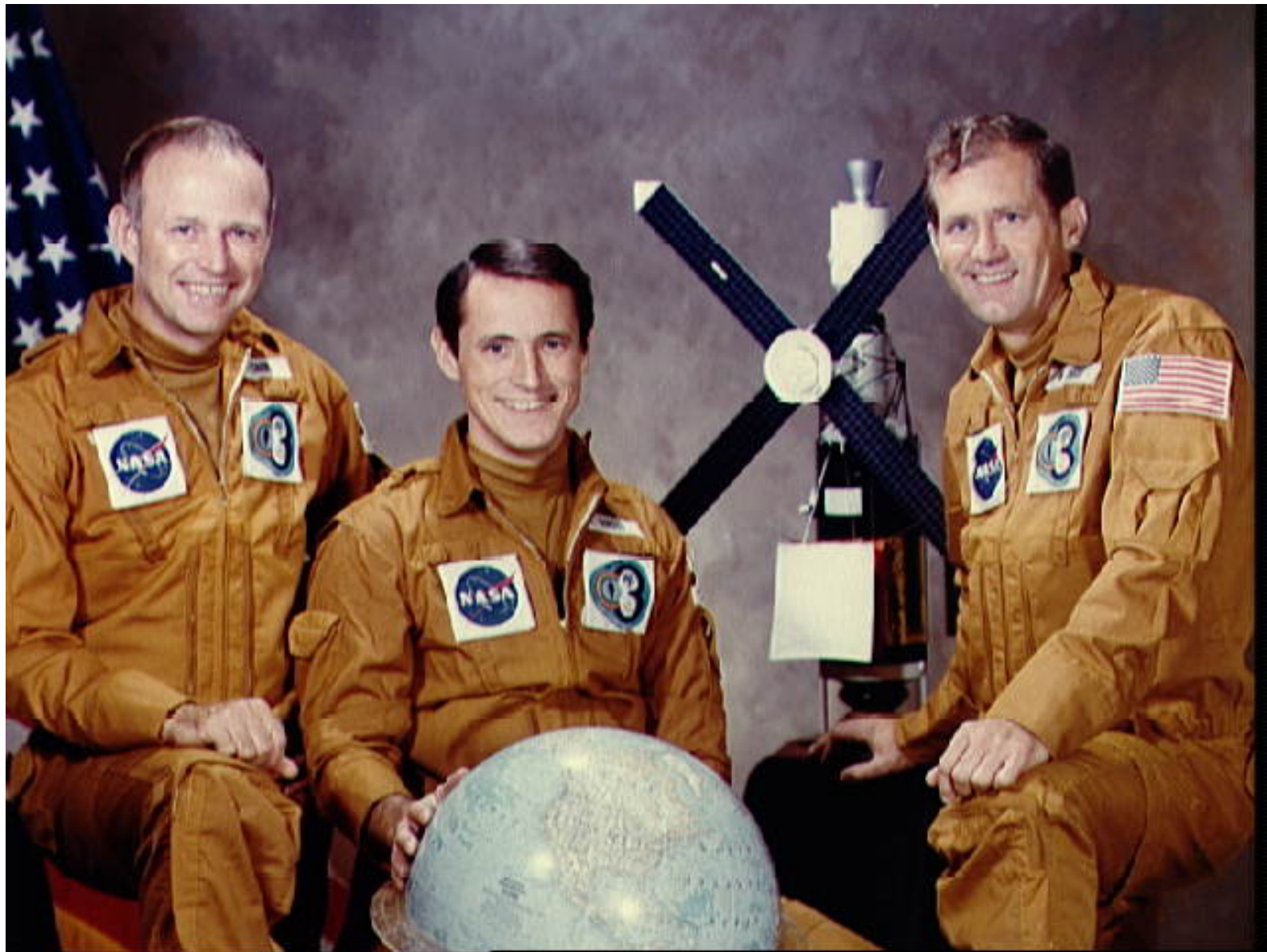
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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S73-33208

File Name: 10076310.jpg

Film Type: 4x5

Date Taken: 08/28/73

Title: Skylab 4 crew portrait

Description:

These three men are the prime crewmen for the Skylab 4 mission. Pictured in their flight suits with a globe and a model of the Skylab space station are, left to right, Astronaut Gerald P. Carr, commander; Scientist-Astronaut Edward G. Gibson, science pilot; and Astronaut William R. Pogue, pilot.

Subject terms:

ASTRONAUTS

CREWS

PORTRAIT

SKYLAB 4

SKYLAB PROGRAM



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# COMET KOHOUTEK (1973f)

28 APRIL 1973



03:57 UT



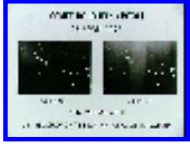
05:34 UT

NASA VIDEOGRAPHS

36" TELESCOPE KITT PEAK NATIONAL OBSERVATORY

# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S73-33283

File Name: 10076393.jpg

Film Type: 4x5 BW

Date Taken: 08/29/73

Title: Videographs of Comet Kohoutek taken by Kitt Peak National Observatory

Description:

Videographs of Comet Kohoutk taken by the 36 inch telescope at the Kitt Peak National Observatory on April 28, 1973 for the Skylab program.

Subject terms:

ASTRONOMY

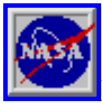
COMET KOHOUTEK

OBSERVATORIES

PHOTOGRAPHS

SKYLAB 4

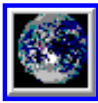
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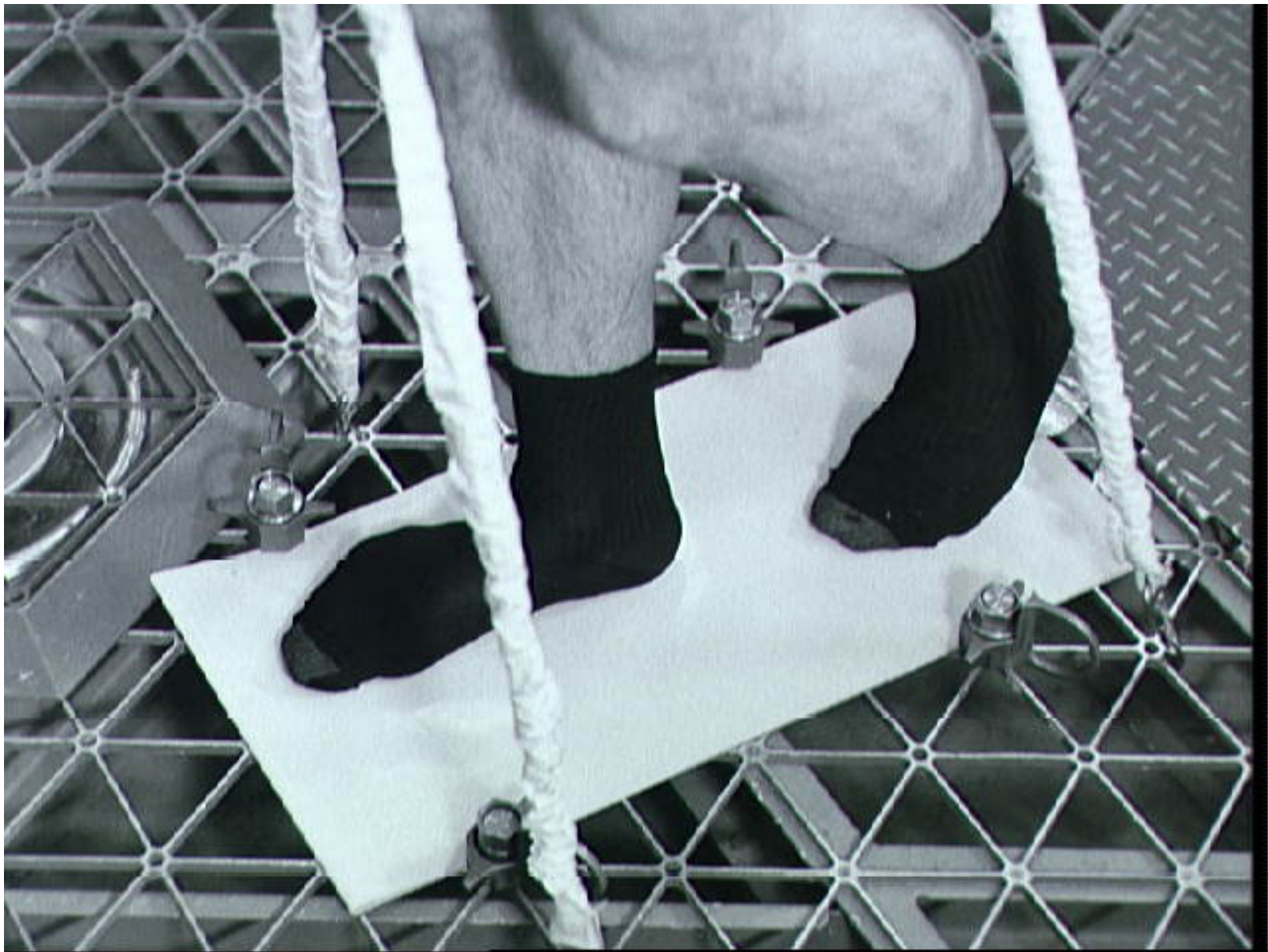
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Last Updated: February 23, 2000



# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S73-33858

File Name: 10076326.jpg

Film Type: 35mm BW

Date Taken: 11/01/73

Title: View of treadmill-like exercise device developed for Skylab 4 crewmen

Description:

A close-up view of the foot of Scientist-Astronaut William E. Thonton as he demonstrates the use of a treadmill-like exercise device developed for maintaining the leg and back muscles of the Skylab 4 crewmen. The treadmill device consists of a Teflon-coated aluminum plate or sheet bolted to the floor of the Skylab Orbital Workshop. The astronaut will wear the bicycle ergometer harness while exercising. Bungee cords attached to the floor and to the harness will supply the downward pressure or force for the back and leg muscles. The astronaut's feet will slide over the Teflon-coated plate as he "marches in place."

Subject terms:

EQUIPMENT

PHYSICAL EXERCISE

PROTOTYPES

SKYLAB 4

SKYLAB PROGRAM

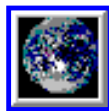
TREADMILLS



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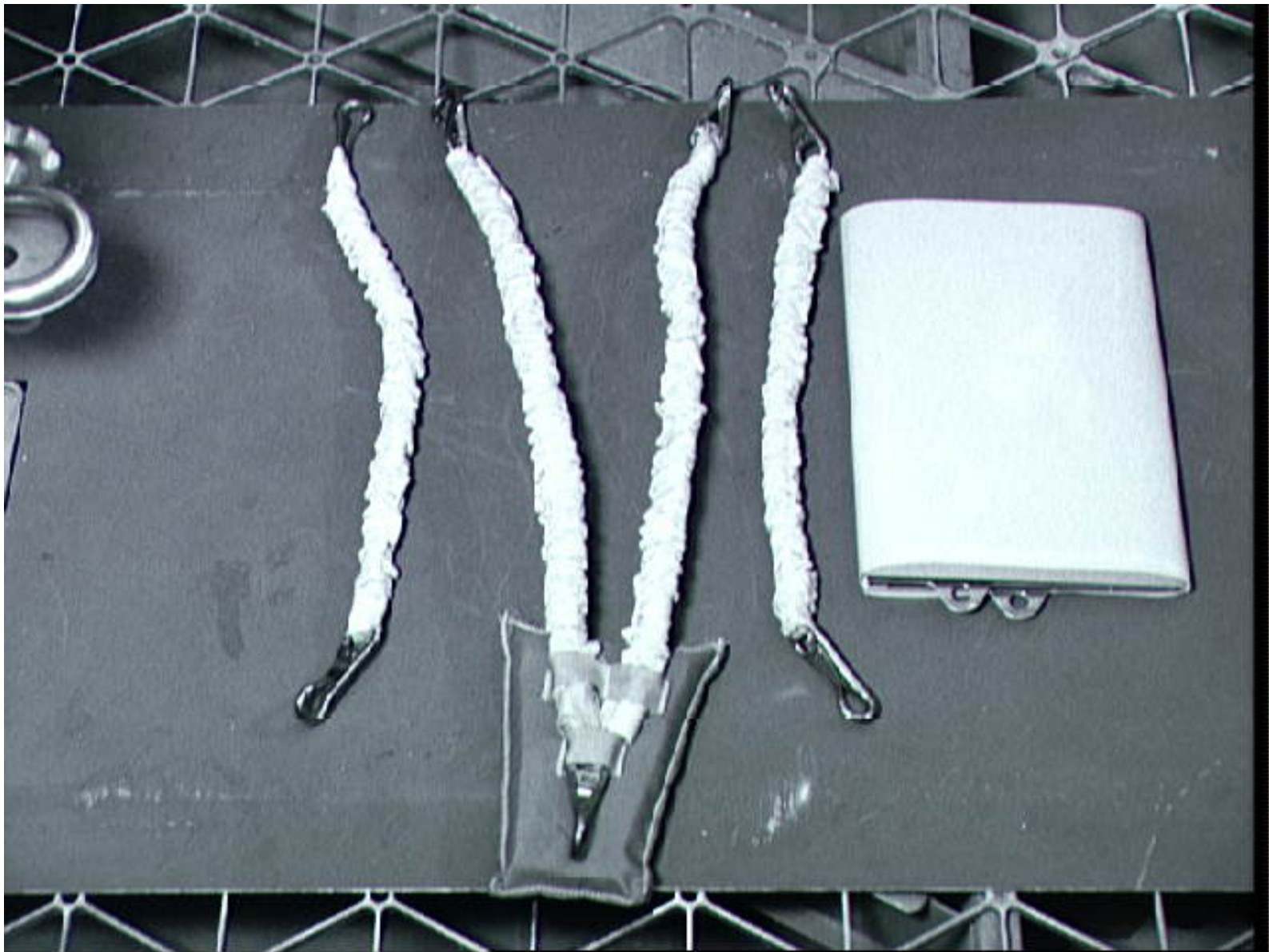
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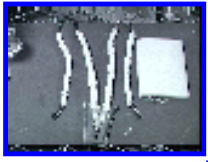
Mail Code AP4





# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S73-33861

File Name: 10076325.jpg

Film Type: 35mm BW

Date Taken: 11/01/73

Title: View of treadmill-like exercise device developed for Skylab 4 crewmen

Description:

A close-up view of a treadmill-like exercise device developed for maintaining the leg and back muscles of the Skylab 4 crewmen. The treadmill device consists of a Teflon-coated aluminum plate or sheet bolted to the floor of the Skylab Orbital Workshop. The astronaut will wear the bicycle ergometer harness while exercising. Bungee cords attached to the floor and to the harness will supply the downward pressure or force for the back and leg muscles. The astronaut's feet will slide over the Teflon-coated plate as he "marches in place."

Subject terms:

EQUIPMENT

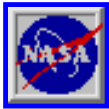
PHYSICAL EXERCISE

PROTOTYPES

SKYLAB 4

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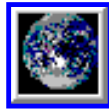
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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S73-34093

File Name: 10076316.jpg

Film Type: 4x5 BW

Date Taken: 08/06/73

Title: Skylab 4 crew at start of high altitude chamber test at KSC

Description:

Astronaut Gerald P. Carr, fully suited, Skylab 4 commander, prepares to enter spacecraft 118 (the Skylab 4 vehicle) at the start of the high altitude chamber test at the Kennedy Space Center (KSC) (34093); The Skylab 4 crew, fully suited, are seated inside their Command Module, which has been undergoing high altitude chamber test runs at KSC after being considered as a possible rescue vehicle, if needed for the Skylab 3 crew. Facing the camera is Scientist-Astronaut Edward G. Gibson, science pilot. Astronauts Carr, commander; and William R. Pogue, pilot, are also pictured (34094).

Subject terms:

ASTRONAUT TRAINING

ASTRONAUTS

CHAMBERS

COMMAND MODULES

FACILITIES

FLORIDA

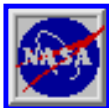
HIGH ALTITUDE TESTS

KENNEDY SPACE CENTER

MOCK-UP

SKYLAB 4

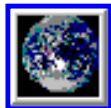
SKYLAB PROGRAM



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# JSC Digital Image Collection

## Press Release Images



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Film Type: 4x5 BW

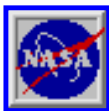
Date Taken: 08/06/73

Title: Skylab 4 crew at start of high altitude chamber test at KSC

Description:

Astronaut Gerald P. Carr, fully suited, Skylab 4 commander, prepares to enter spacecraft 118 (the Skylab 4 vehicle) at the start of the high altitude chamber test at the Kennedy Space Center (KSC) (34093); The Skylab 4 crew, fully suited, are seated inside their Command Module, which has been undergoing high altitude chamber test runs at KSC after being considered as a possible rescue vehicle, if needed for the Skylab 3 crew. Facing the camera is Scientist-Astronaut Edward G. Gibson, science pilot. Astronauts Carr, commander; and William R. Pogue, pilot, are also pictured (34094).

Subject terms:



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Houston, TX 77058

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NASA Technical Monitor: [Scott Norr](#)

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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S73-34095

File Name: 10076315.jpg

Film Type: 4x5 BW

Date Taken: 08/06/73

Title: Skylab 4 crew at start of high altitude chamber test at KSC

Description:

Astronaut William R. Pogue, left, and Scientist-Astronaut Edward G. Gibson prepare to take part in the High altitude chamber test at the Kennedy Space Center (KSC). Gibson is science pilot and Pogue, pilot, for the third manned Skylab mission.

Subject terms:

ASTRONAUT TRAINING

ASTRONAUTS

CHAMBERS

FACILITIES

FLORIDA

HIGH ALTITUDE TESTS

KENNEDY SPACE CENTER

MOCK-UP

SKYLAB 4

SKYLAB PROGRAM



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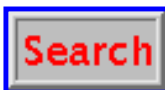


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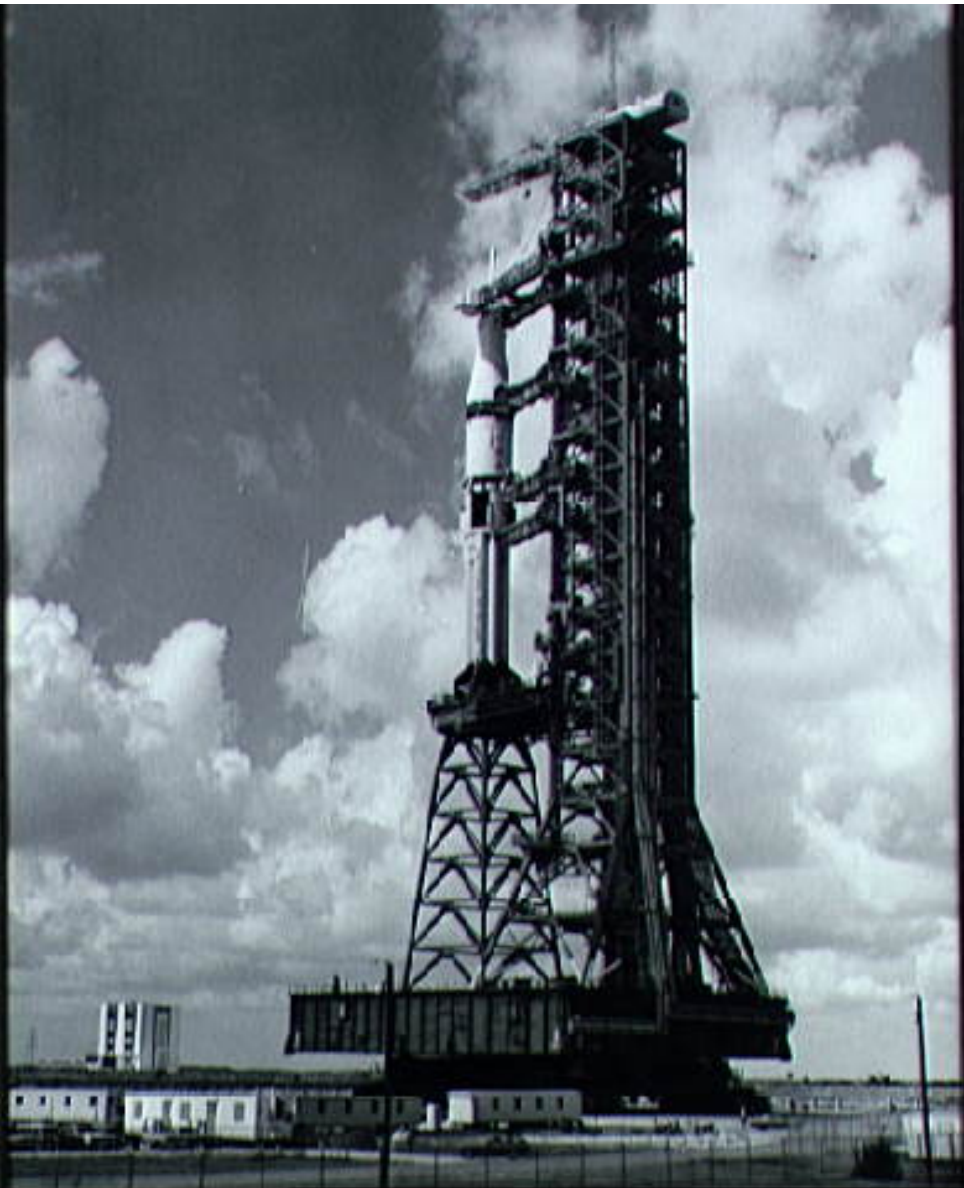
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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S73-34367

File Name: 10076318.jpg

Film Type: 4x5

Date Taken: 11/16/73

Title: View of launch Pad B, Launch Complex 39 on morning of launch

Description:

A view at the Kennedy Space Center showing in the near distance the Skylab 4/Saturn 1B space vehicle on Pad B, Launch Complex 39, on the morning of the launch.

Subject terms:

LAUNCHING PADS

LAUNCHING SITES

PHOTOGRAPHS

SKYLAB 4

SKYLAB PROGRAM

SUNRISE



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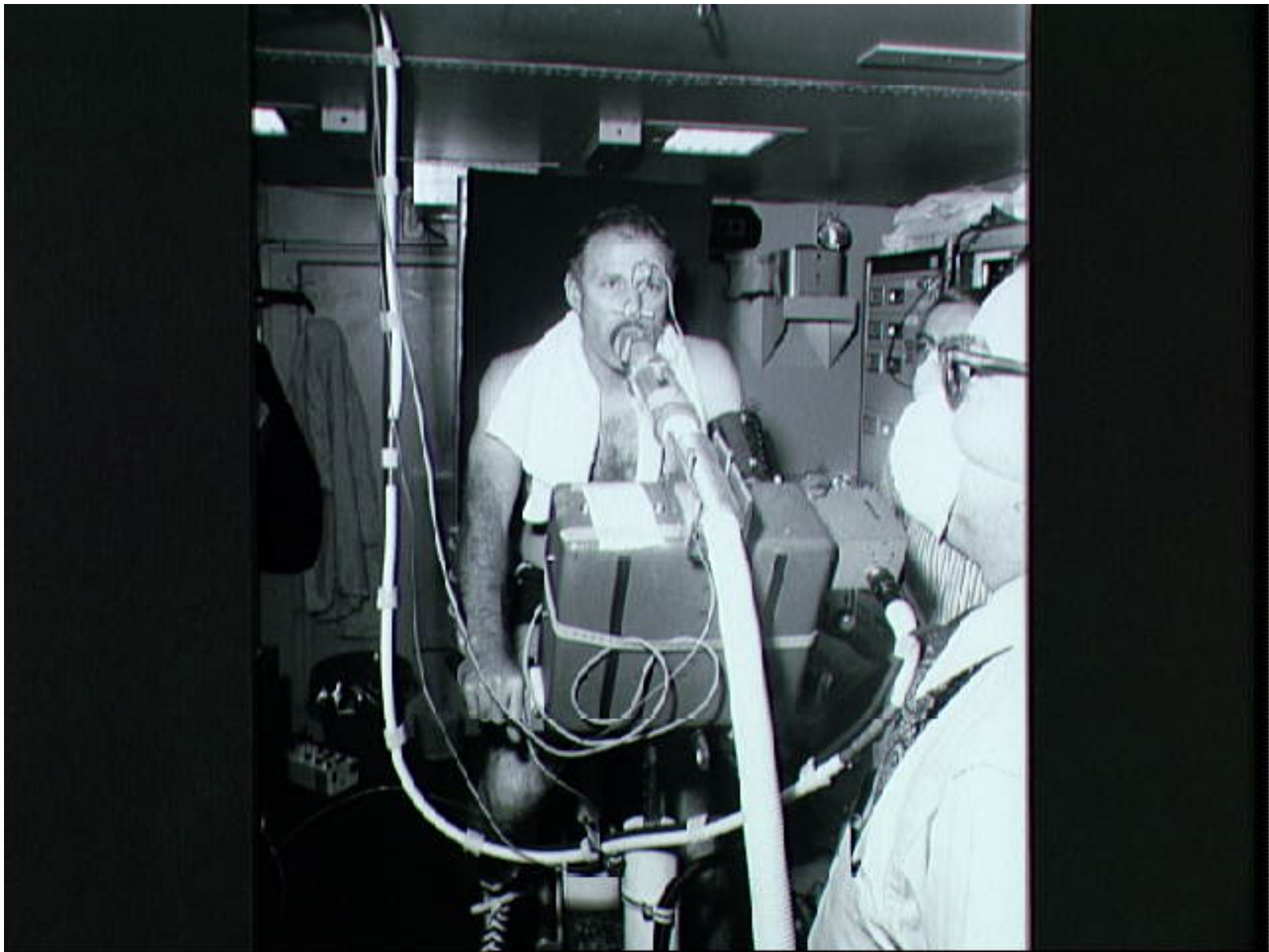
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Fax: (281) 483-2848

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NASA Technical Monitor: [Scott Norr](#)

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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S73-36228

File Name: 10076327.jpg

Film Type: 35mm BW

Date Taken: 11/05/73

Title: Astronaut Gerald Carr sits on the bicycle ergometer during prelaunch

Description:

Astronaut Gerald P. Carr, Skylab 4 mission commander, sits on the bicycle ergometer as he takes part in the body mass measurement experiment during a prelaunch physical examination for the crew of the third manned mission.

Subject terms:

ASTRONAUTS

BICYCLE

BIOMEDICAL DATA

BODY MEASUREMENT (BIOLOGY)

ERGOMETERS

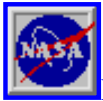
MEDICAL SCIENCE

PHYSICAL EXERCISE

PREFLIGHT OPERATIONS

SKYLAB 4

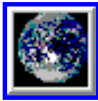
SKYLAB PROGRAM



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Last Updated: February 23, 2000



# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S73-36766

File Name: 10076333.jpg

Film Type: 35mm

Date Taken: 11/12/73

Title: Skylab 4 crewmen at Ellington AFB before flying to Kennedy Space Center

Description:

The prime crewmen of the third manned Skylab mission pause at a USAF T-38A jet at Ellington Air Force Base, Texas before flying to Kennedy Space Center (KSC) at Cape Canaveral, Florida. Skylab 4 crewmen are Astronaut Gerald P. Carr, center, commander; Scientist-Astronaut Edward G. Gibson, science pilot, left; and Astronaut William R. Pogue, pilot.

Subject terms:

AIR FORCE

AIRPORTS

ASTRONAUTS

RUNWAYS

SKYLAB 4

SKYLAB PROGRAM

T-38

TEXAS

TRAVEL



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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S73-36900

File Name: 10076330.jpg

Film Type: 4x5 BW

Date Taken: 11/08/73

Title: Skylab 4 crew during spacesuit pressure and fit checks at KSC

Description:

The three members of the Skylab 4 crew undergo spacesuit fit and pressure checks in the suiting building during preflight activity at the Kennedy Space Center, Florida. They are Astronaut Gerald P. Carr (foreground), commander; Scientist-Astronaut Edward G. Gibson (center), science pilot; and Astronaut William R. Pogue (background), pilot.

Subject terms:

ASTRONAUTS

CHECKOUT

CREW PROCEDURES (PREFLIGHT)

FACILITIES

FLORIDA

KENNEDY SPACE CENTER

SKYLAB 4

SKYLAB PROGRAM

SPACE SUITS



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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S73-36904

File Name: 10076328.jpg

Film Type: 4x5

Date Taken: 11/08/73

Title: Skylab 4 crew photographed near Pad B, Launch Complex 39

Description:

The three members of the Skylab 4 crew are photographed standing near Pad B, Launch Complex 39, Kennedy Space Center, Florida, during the preflight activity. They are, left to right, Scientist-Astronaut Edward G. Gibson, science pilot; Astronaut Gerald P. Carr, commander; and Astronaut William R. Pogue, pilot.

Subject terms:

ASTRONAUTS

CREWS

FLORIDA

KENNEDY SPACE CENTER

LAUNCHING PADS

LAUNCHING SITES

PHOTOGRAPHY

PORTRAIT

SKYLAB 4

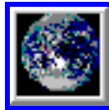
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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S73-36905

File Name: 10076329.jpg

Film Type: 4x5 BW

Date Taken: 11/08/73

Title: Astronaut William Pogue during spacesuit pressure and fit checks at KSC  
Description:

Astronaut William R. Pogue, pilot of the Skylab 4 mission, relaxes during spacesuit pressure and fit checks at the Kennedy Space Center (KSC), Florida. This shoulder and head shot of Pogue was taken a few days before the scheduled Skylab 4 launch.

Subject terms:

ASTRONAUTS

CHECKOUT

CREW PROCEDURES (PREFLIGHT)

FACILITIES

FLORIDA

KENNEDY SPACE CENTER

SKYLAB 4

SKYLAB PROGRAM

SPACE SUITS



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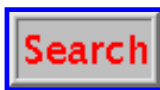


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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S73-36908

File Name: 10076331.jpg

Film Type: 4x5 BW

Date Taken: 11/08/73

Title: Astronaut Gerald Carr during spacesuit pressure and fit checks at KSC

Description:

Astronaut Gerald P. Carr, commander of the Skylab 4 mission, undergoes spacesuit pressure and fit checks at the Kennedy Space Center (KSC), Florida. This shoulder and head shot of Carr was taken a few days before the scheduled Skylab 4 launch.

Subject terms:

ASTRONAUTS

CHECKOUT

CREW PROCEDURES (PREFLIGHT)

FACILITIES

FLORIDA

KENNEDY SPACE CENTER

SKYLAB 4

SKYLAB PROGRAM

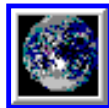
SPACE SUITS



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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S73-36909

File Name: 10076337.jpg

Film Type: 35mm BW

Date Taken: 11/16/73

Title: Flight Operations Director's console in Mission Control during Skylab 4  
Description:

An overall view of the Flight Operations Director's console in the Mission Operations Control Room in the Mission Control Center at JSC during the launch of the Skylab 4 mission. The television monitor records the progress of the flight seconds after liftoff. Left to right, are Dr. Christopher C. Kraft Jr., JSC Director; Howard W. Tindall Jr., JSC Director of Flight Operations; and Flight Director M.P. Frank. Public Affairs commentator John E. McLeish can be seen at the PAO console in the background.

Subject terms:

CONSOLES

FLIGHT CONTROL

GROUND BASED CONTROL

INTEGRATED MISSION CONTROL CENTER

JOHNSON SPACE CENTER

LIFTOFF (LAUNCHING)

PERSONNEL

SKYLAB 4

SKYLAB PROGRAM

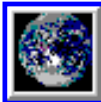
TEXAS



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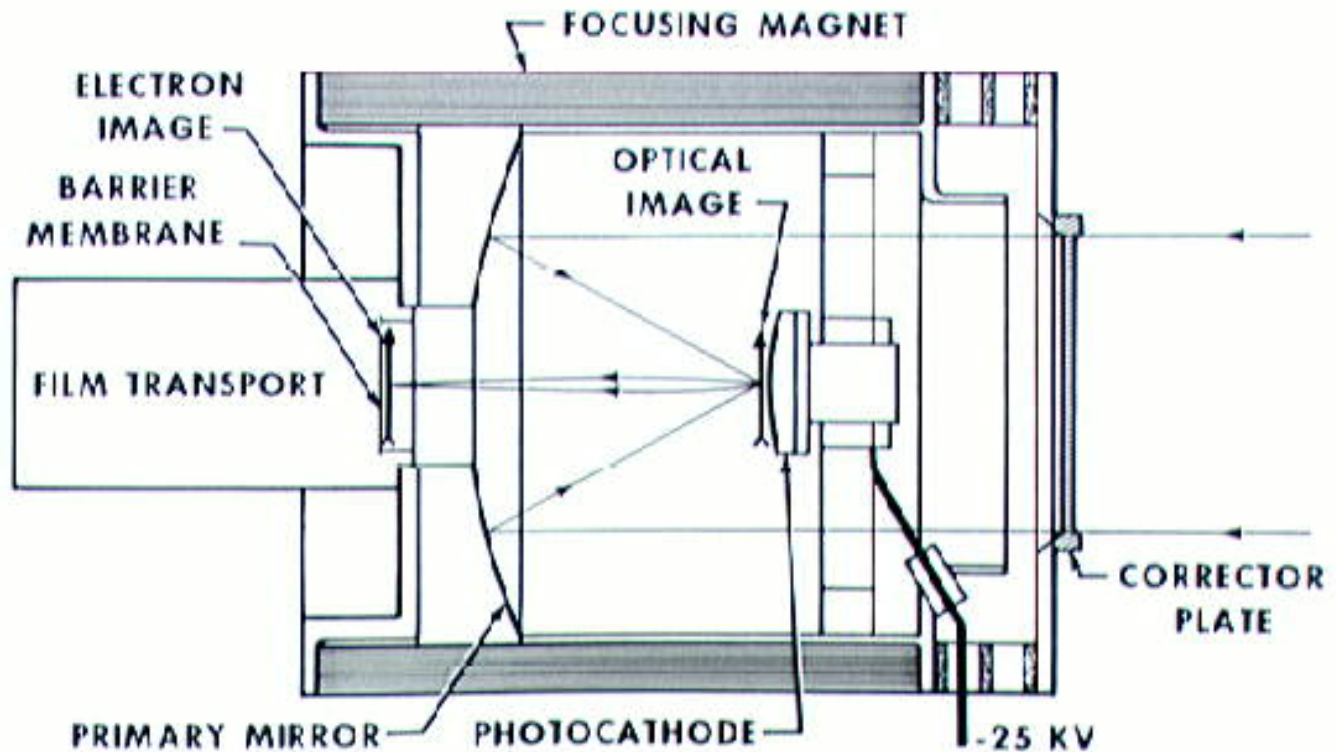
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# FAR UV ELECTRONOGRAPHIC CAMERA



# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S73-36910

File Name: 10076398.jpg

Film Type: 4x5 BW

Date Taken: 11/19/73

Title: Engineer's drawing of Skylab 4 Far Ultraviolet Electronographic camera  
Description:

An engineer's drawing of the Skylab 4 Far Ultraviolet Electronographic camera (Experiment S201). Arrows point to various features and components of the camera. As the Comet Kohoutek streams through space at speeds of 100,000 miles per hour, the Skylab 4 crewmen will use the S201 UV camera to photograph features of the comet not visible from the earth's surface. While the comet is some distance from the Sun, the camera will be pointed through the scientific airlock in the wall of the Skylab space station Orbital Workshop (OWS). By using a movable mirror system built for the Ultraviolet Stellar Astronomy (S019) Experiment and rotating the space station, the S201 camera will be able to photograph the comet around the side of the space station.

Subject terms:

CAMERAS

DRAWINGS

GRAPHS (CHARTS)

SKYLAB 4

SKYLAB PROGRAM

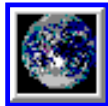
ULTRAVIOLET ASTRONOMY



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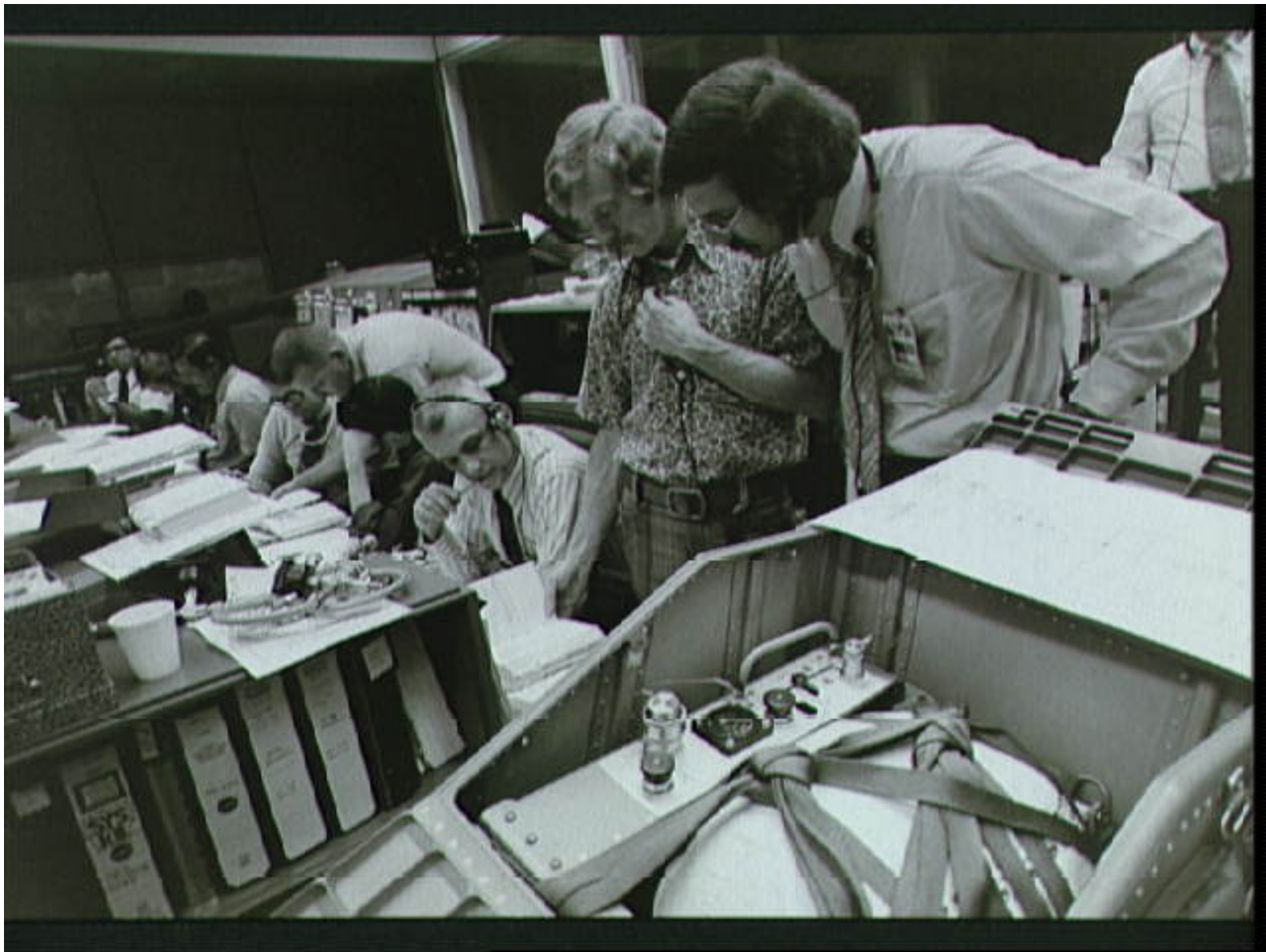
Curator: [James McAlpin](#)

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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S73-37030

File Name: 10076338.jpg

Film Type: 35mm BW

Date Taken: 11/19/73

Title: Flight controllers discuss procedures for repair of coolant system in Skylab

### Description:

The procedures for repairing the coolant system aboard the Airlock Module of the Skylab space station in Earth orbit are discussed by flight controllers in the Mission Operations Control Room in the Mission Control Center at JSC. Skylab 4 Flight Director Neil Hutchinson is on the right. Astronaut Russell L. Schweickart is wearing the sports shirt. Astronaut Bruce McCandless II, a Skylab 4 CAPCOM, is seated next to Schweickart. Items of equipment in the foreground are similar to components of a special coolant re-servicing kit which was taken to Earth orbit by the Skylab 4 crewmen. The kit consists of a tank containing 42 pounds of COOLANOL, a series of saddle valves, bolts and spacers, and leak-check hoses. The re-supply tank is a modified command module reaction control subsystem (RCS) fuel tank.

### Subject terms:

CONSOLES

COOLING SYSTEMS

FLIGHT CONTROL

GROUND BASED CONTROL

INTEGRATED MISSION CONTROL CENTER

PERSONNEL

PROCEDURES

REPAIRING

SKYLAB 4

SKYLAB PROGRAM



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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S73-37248

File Name: 10076332.jpg

Film Type: 4x5

Date Taken: 11/08/73

Title: Skylab 4 crew photographed near Pad B, Launch Complex 39 during preflight

Description:

The three members of the Skylab 4 crew are photographed standing near Pad B, Launch Complex 39, Kennedy Space Center (KSC), Florida, during preflight activity. They are, left to right, Scientist-Astronaut Edward G. Gibson, science pilot; Astronaut Gerald P. Carr, commander; and Astronaut William R. Pogue, pilot. The Skylab 4/Saturn 1B space vehicle is on the pad in the background.

Subject terms:

ASTRONAUTS

CREWS

FLORIDA

KENNEDY SPACE CENTER

LAUNCHING PADS

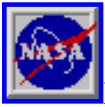
LAUNCHING SITES

PHOTOGRAPHY

PORTRAIT

SKYLAB 4

SKYLAB PROGRAM



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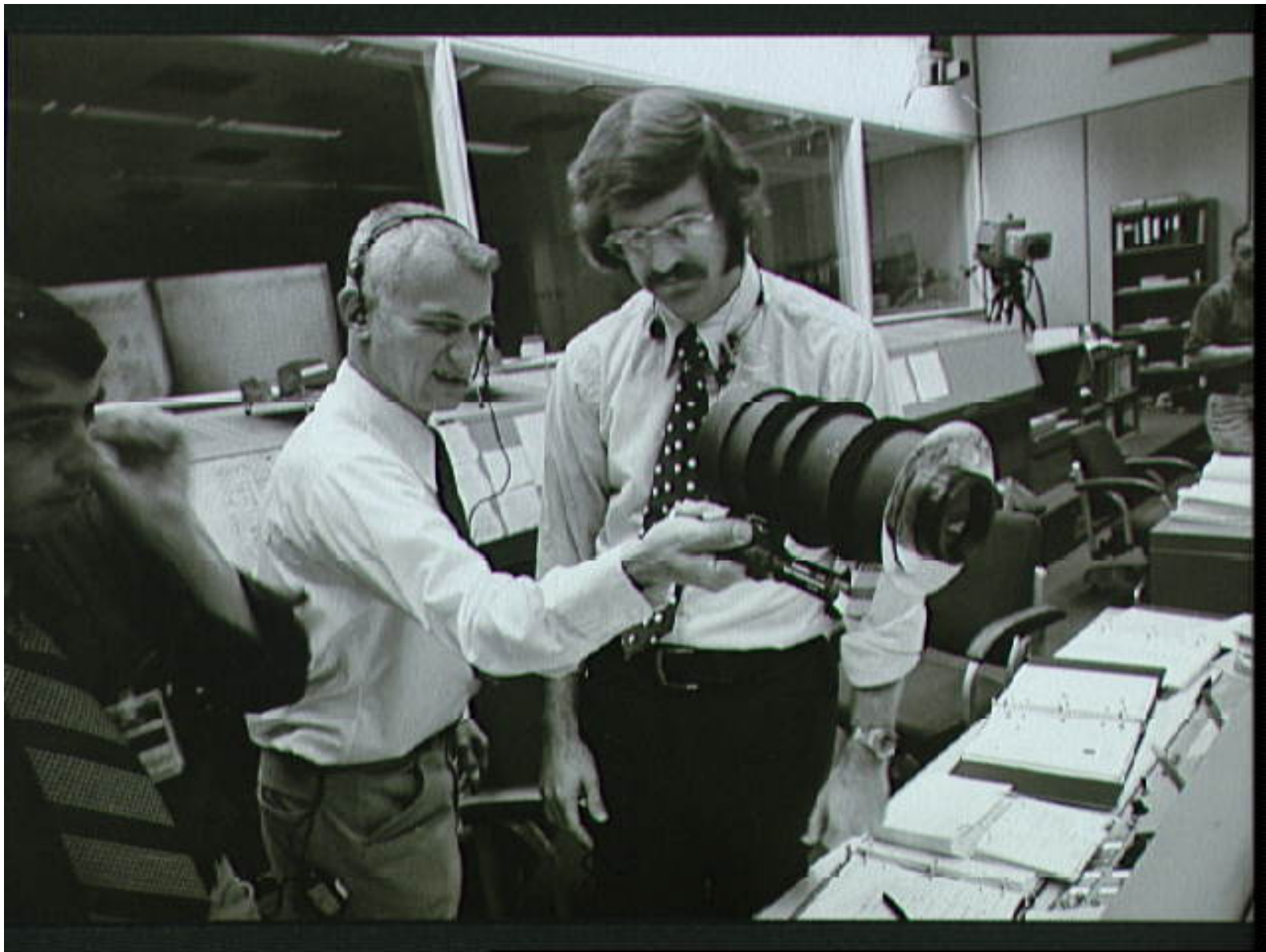
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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S73-37251

File Name: 10076339.jpg

Film Type: 35mm

Date Taken: 11/23/73

Title: Astronaut Bruce McCandless shows mockup of occulting disc for Skylab exp.

Description:

Astronaut Bruce McCandless II, left, shows off a mockup of the occulting disc for the T025 Coronagraph Contamination Measurement Engineering and Technology Experiment to be used by the crewmen of the third manned Skylab mission, now into their eighth day in Earth orbit. On the right is Flight Director Neil B. Hutchinson. The men are in the Mission Operations Control Room (MOCR) of the Mission Control Center (MCC) at JSC.

Subject terms:

ASTRONAUTS

CONSOLES

EQUIPMENT

GROUND BASED CONTROL

INTEGRATED MISSION CONTROL CENTER

MOCK-UP

PERSONNEL

SKYLAB 4

SKYLAB PROGRAM

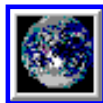
SPACEBORNE EXPERIMENTS



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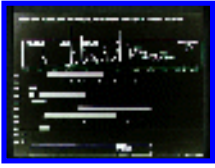
Houston, TX 77058





# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S73-37264

File Name: 10076399.jpg

Film Type: 35mm BW

Date Taken: 11/27/73

Title: Skylab instrumentation relationship to Spectral emissions

Description:

Graphical representation of Skylab instrumentation relationship of Comet Kohoutek to Spectral emissions.

Subject terms:

COMETS

GRAPHS (CHARTS)

MEASURING INSTRUMENTS

RELATIONSHIPS

SKYLAB 4

SKYLAB PROGRAM

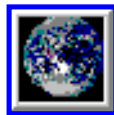
SPACEBORNE EXPERIMENTS



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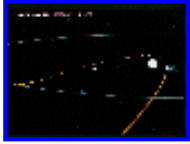
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COMET KOHOUTEK DECEMBER 24, 1973



# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S73-37273

File Name: 10076396.jpg

Film Type: 4x5

Date Taken: 11/27/73

Title: Artist's concept of trajectory of Comet Kohoutek to Sun and Earth

Description:

An artist's concept illustrating the trajectory of the newly-discovered Comet Kohoutek in relation to the Sun and to the Earth and the plane of Earth's orbit. The picture show's the position of Kohoutek on Christmas Eve, 1973. The Skylab space station in Earth orbit will provide a favorable location from which to observe the passing of the comet.

Subject terms:

ASTRONAUTS

GRAPHIC ARTS

KOHOUTEK COMET

OBSERVATION

ORBITAL SPACE STATIONS

SKYLAB 4

SKYLAB PROGRAM

TRAJECTORIES

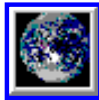
VISUAL AIDS



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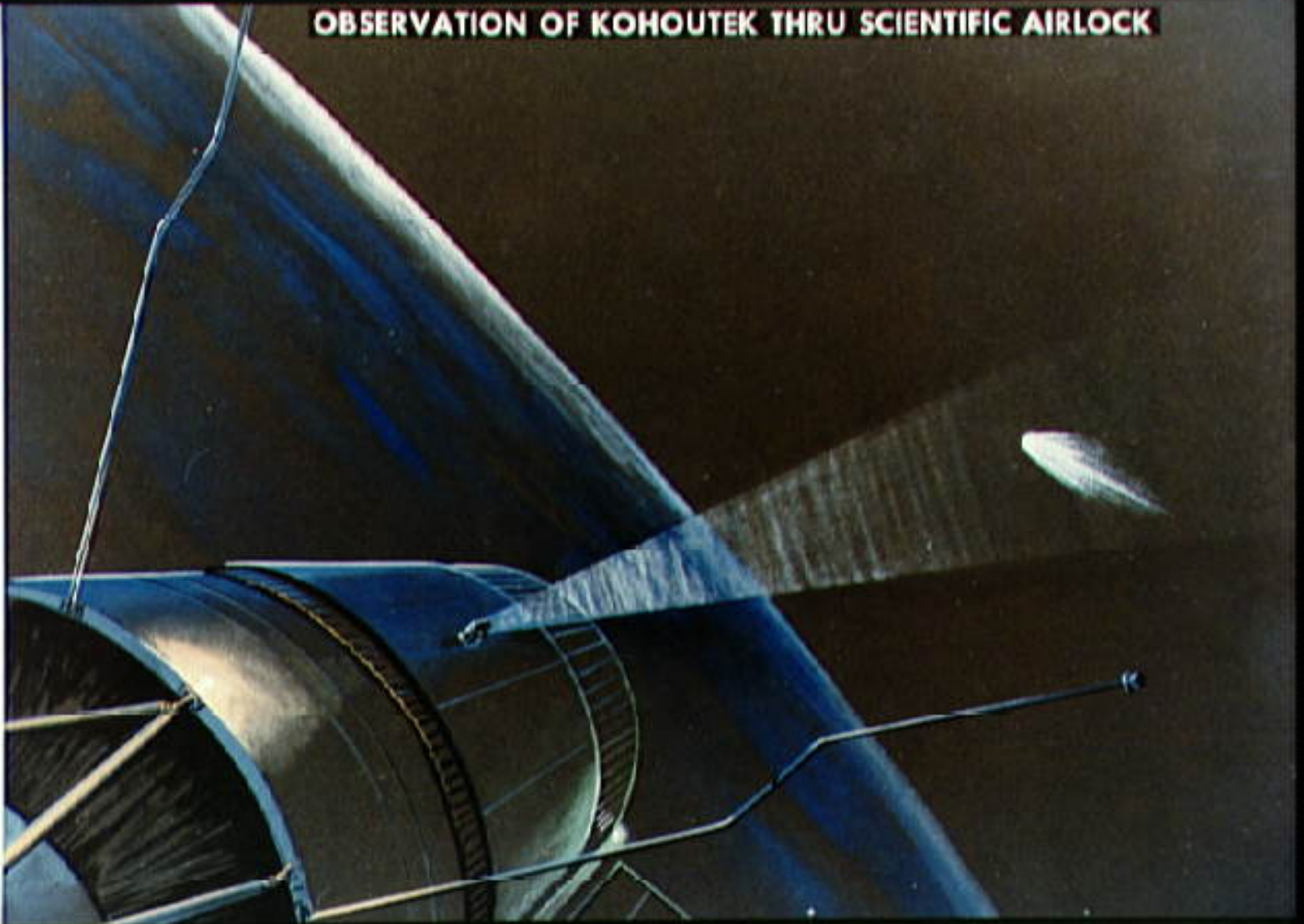
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NASA Technical Monitor: [Scott Norr](#)

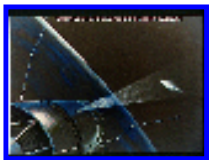
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**OBSERVATION OF KOHOUTEK THRU SCIENTIFIC AIRLOCK**



# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S73-37274

File Name: 10076397.jpg

Film Type: 4x5

Date Taken: 11/27/73

Title: Artist's concept of Skylab 4 astronauts observing Comet Kohoutek

Description:

An artist's concept illustrating how the Skylab 4 astronauts will observe through the scientific airlock of the Orbital Workshop the passing of the newly-discovered Comet Kohoutek. The favorable location of the Skylab space station in Earth orbit will help provide a comprehensive investigation of the nature and evolution of the coma and tails as the comet approaches, passes, and recedes from the Sun.

Subject terms:

AIR LOCKS

ASTRONAUTS

GRAPHIC ARTS

KOHOUTEK COMET

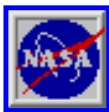
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VISUAL AIDS



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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S73-37286

File Name: 10076335.jpg

Film Type: 120mm

Date Taken: 11/16/73

Title: Launch of the Skylab 4/Saturn 1B space vehicle

Description:

The Skylab 4/Saturn 1B space vehicle is launched from Pad B, Launch Complex 39, Kennedy Space Center, Florida, at 9:01:23 a.m., Friday, November 16, 1973. Skylab 4 is the third and last of three scheduled manned Skylab missions. In addition to the Command/Service module and its launch escape system, the Skylab 4 space vehicle consisted of the Saturn 1B first (S-1B) stage and the Saturn 1B second (S-IVB) stage.

Subject terms:

COMMAND MODULES

FLORIDA

KENNEDY SPACE CENTER

LAUNCHING PADS

LAUNCHING SITES

LIFTOFF (LAUNCHING)

SATURN LAUNCH VEHICLES

SKYLAB 4

SKYLAB PROGRAM



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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S73-37287

File Name: 10076336.jpg

Film Type: 120mm

Date Taken: 11/16/73

Title: Launch of the Skylab 4/Saturn 1B space vehicle

Description:

The Skylab 4/Saturn 1B space vehicle is launched from Pad B, Launch Complex 39, Kennedy Space Center, Florida, at 9:01:23 a.m., Friday, November 16, 1973. Skylab 4 is the third and last of three scheduled manned Skylab missions.

Subject terms:

COMMAND MODULES

FLORIDA

KENNEDY SPACE CENTER

LAUNCHING PADS

LAUNCHING SITES

LIFTOFF (LAUNCHING)

SATURN LAUNCH VEHICLES

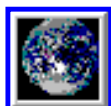
SKYLAB 4



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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S73-37650

File Name: 10076350.jpg

Film Type: 4x5 BW

Date Taken: 11/28/73

Title: Astronauts Carr and Gibson in the wardroom of the Orbital Workshop

Description:

Astronaut Gerald P. Carr, right, Skylab 4 commander, enjoys a meal aboard the orbiting Skylab space station in this photographic reproduction from a television transmission of November 28, 1973. Scientist-Astronaut Edward G. Gibson, science pilot for the third manned Skylab flight, demonstrates the zero gravity environment by turning upside down. The food station is in the wardroom of the Crew Quarters in the Orbital Workshop (OWS).

Subject terms:

ASTRONAUTS

EATING

FOOD

REPRODUCTION

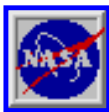
SKYLAB 4

SKYLAB PROGRAM

SPACE FLIGHT FEEDING

TELEVISION TRANSMISSION

ZERO GRAVITY



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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S73-37929

File Name: 10076334.jpg

Film Type: 4x5

Date Taken: 11/16/73

Title: Sunrise view launch Pad B, Launch Complex 39 on morning of launch

Description:

A sunrise view at the Kennedy Space Center showing in the near distance the Skylab 4/Saturn 1B space vehicle on Pad B, Launch Complex 39, on the morning of the launch.

Subject terms:

LAUNCHING PADS

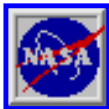
LAUNCHING SITES

PHOTOGRAPHS

SKYLAB 4

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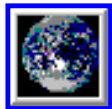
SUNRISE



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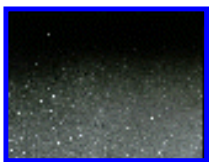
NASA Technical Monitor: [Scott Norr](#)

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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S73-38390

File Name: 10076394.jpg

Film Type: 4x5 BW

Date Taken: 12/06/73

Title: Earth-based photography of Comet Kohoutek in sky on December 6, 1973

### Description:

An earth-based photograph of the Comet Kohoutek in the sky on December 6, 1973, when the celestial phenomenon was more than 70 million miles from the Sun and some 119 million miles from Earth. This picture was taken from a dark mountain top area of Haleakala (Island of Maui) Hawaii, using a 35mm Nikon camera with a 55mm lens, a 300-second exposure at f/1.2 and with Tri-X film. The photographer was Frank Giovane. The indicated visible tail of the comet appears to be about 10 million miles long. Other reports have inferred that the length of the tail is up to 13 million miles. The Skylab 4 crewmen have reported that Kohoutek's tail-length was from 2 to 3 degrees or from 4 to 6 million miles as viewed with the naked eye from the Skylab space station in earth orbit.

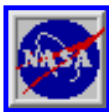
### Subject terms:

AERIAL PHOTOGRAPHY

EARTH (PLANET)

KOHOUTEK COMET

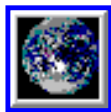
PHOTOGRAPHY



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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S73-38687

File Name: 10076351.jpg

Film Type: 4x5 BW

Date Taken: 12/24/73

Title: "Christmas tree" created by Skylab 4 crewmembers

### Description:

This "Christmas tree" was created by the three crewmen of the third manned Skylab mission aboard the space station in Earth orbit. Food cans were used to fashion the tree. This photograph was made from a television transmission made from a video tape recording on December 24, 1973.

### Subject terms:

CEREMONIES

EMPLOYEE RELATIONS

ORBITAL SPACE STATIONS

REPRODUCTION

SKYLAB 4

SKYLAB PROGRAM

TELEVISION TRANSMISSION

TREES



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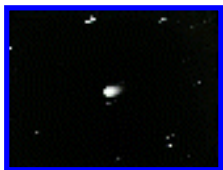
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Last Updated: February 23, 2000



# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S73-38731

File Name: 10076395.jpg

Film Type: 4x5 BW

Date Taken: 12/21/73

Title: Photograph of Comet Kohoutek taken from Skylab

Description:

Photograph of taken of the Comet Kohoutek from Skylab space station in Earth orbit by a Skylab 4 crewmen.

Subject terms:

KOHOUTEK COMET

ORBITAL SPACE STATIONS

PHOTOGRAPHY

SKYLAB 4

SKYLAB PROGRAM

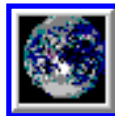
SPACEBORNE ASTRONOMY



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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S73-38962

File Name: 10076352.jpg

Film Type: 4x5 BW

Date Taken: 12/27/73

Title: Skylab 4 crew confer via television communication with Dr. Kohoutek

Description:

The three members of the Skylab 4 crew confer via television communication with Dr. Lubos Kohoutek, discoverer of the Comet Kohoutek. This picture of the three astronauts was reproduced from a TV transmission made by a TV camera aboard the space station in Earth orbit. They are, left to right, Gerald P. Carr, commander; Edward G. Gibson, science pilot; and William R. Pogue, pilot. They are seated in the crew quarters wardroom of the Orbital Workshop.

Subject terms:

ASTRONAUTS

CONFERENCES

ORBITAL SPACE STATIONS

REPRODUCTION

SCIENTISTS

SKYLAB 4

SKYLAB PROGRAM

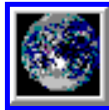
TELEVISION TRANSMISSION



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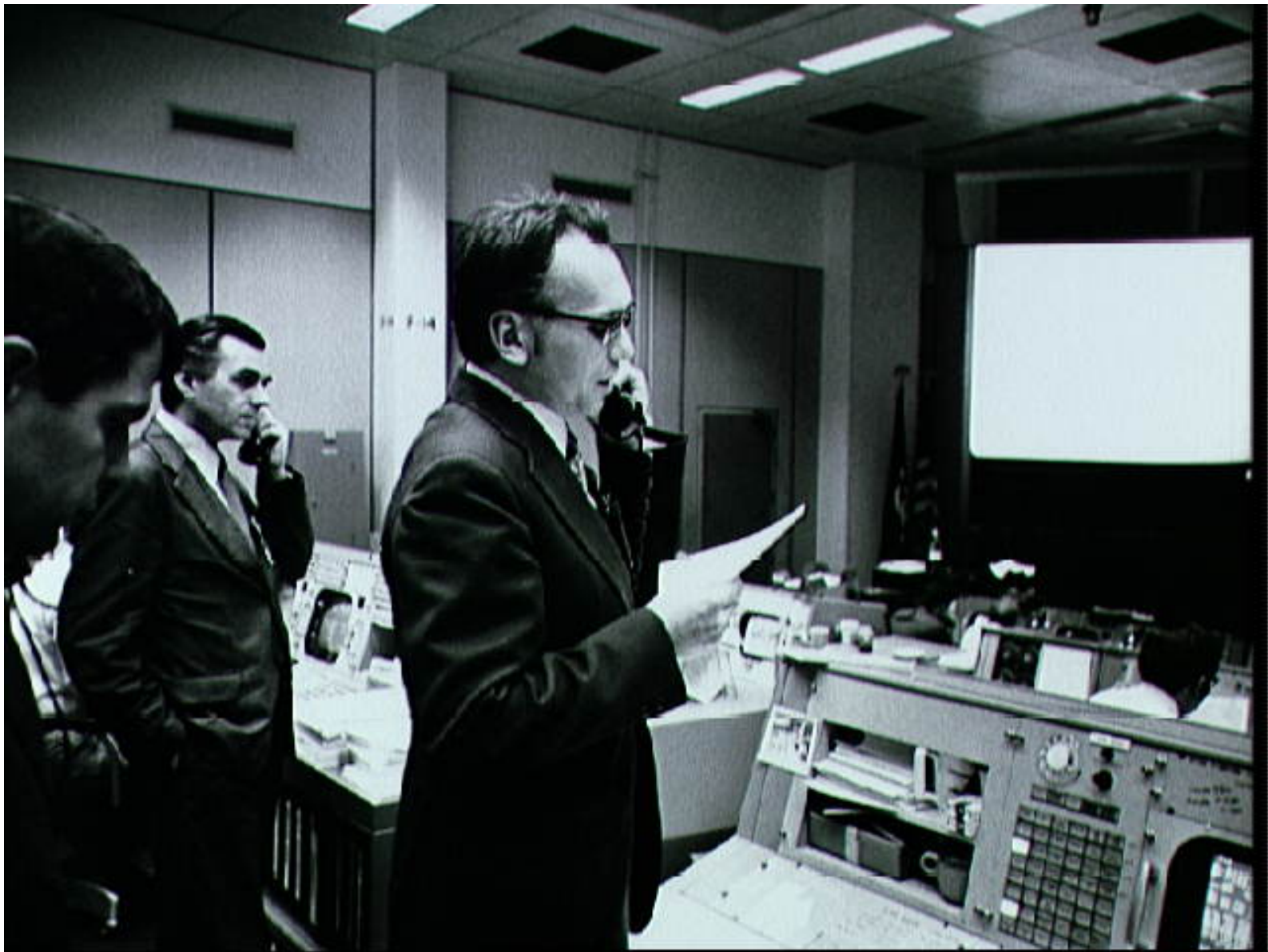
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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S74-15064

File Name: 10076400.jpg

Film Type: 35mm BW

Date Taken: 01/03/74

Title: Dr. Lubos Kohoutek in Mission Control during Skylab 4

Description:

Dr. Lubos Kohoutek, discoverer of the Comet Kohoutek, is seen in the Mission Operations Control Room in the Mission Control Center during a visit to JSC. He is talking over a radio-telephone with the Skylab 4 crewmen in the Skylab space station in Earth orbit. Professor Kohoutek, a well-known Czechoslovakian astronomer who works at the Hamburg Observatory in West Germany, discussed the comet with Astronauts Gerald P. Carr, Edward G. Gibson, and William R. Pogue. Dr. Zdenek Sekania, who accompanied Dr. Kohoutek on the visit to JSC, is on the telephone in the left background. Dr. Sekania is with the Smithsonian Observatory in Cambridge, Massachusetts.

Subject terms:

COMMUNICATION

CONSOLES

FLIGHT CONTROL

GROUND BASED CONTROL

INTEGRATED MISSION CONTROL CENTER

JOHNSON SPACE CENTER

KOHOUTEK COMET

PERSONNEL

SCIENTISTS

SKYLAB 4

SKYLAB PROGRAM

TEXAS



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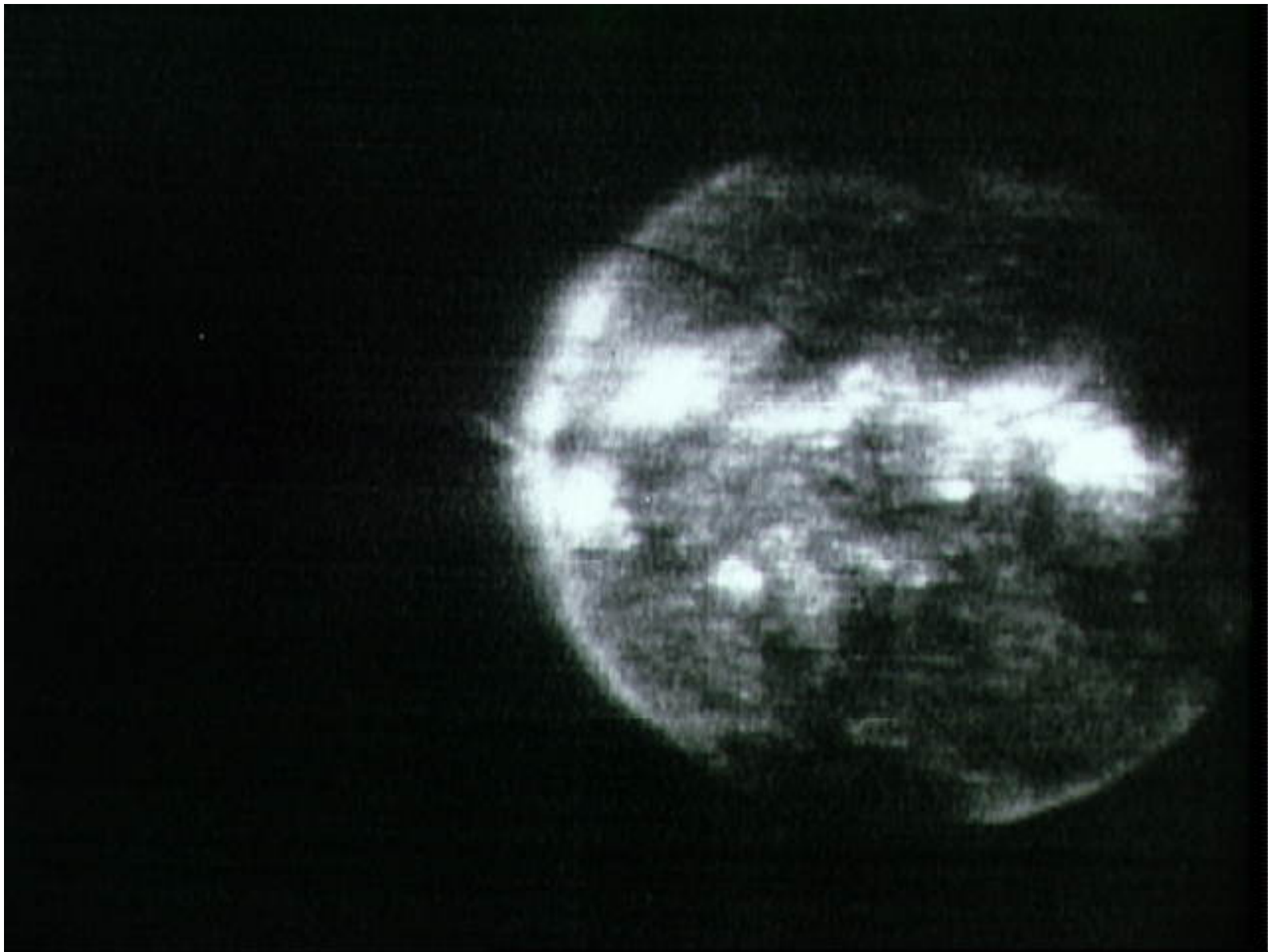
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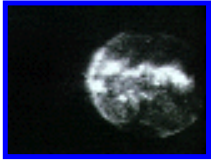
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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S74-15696

File Name: 10076404.jpg

Film Type: 4x5 BW

Date Taken: 01/17/74

Title: Solar disk photographed through Ultraviolet Spectrograph/Heliograph

Description:

The solar disk photographed through the Skylab S082 Ultraviolet Spectrograph/Heliograph can be seen in this reproduction taken from a television transmission made by a TV camera aboard the Skylab space station in Earth orbit. The S082 experiment is located in the Apollo Telescope Mount. This spectroheliogram shows specific emission features greatly enhanced over photographs of the solar disk in white light.

Subject terms:

REPRODUCTION

SKYLAB 4

SKYLAB PROGRAM

SOLAR ATMOSPHERE

SOLAR CORONA

SOLAR PHYSICS

SPACEBORNE EXPERIMENTS

TELEVISION TRANSMISSION

ULTRAVIOLET ASTRONOMY

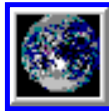
ULTRAVIOLET PHOTOGRAPHY



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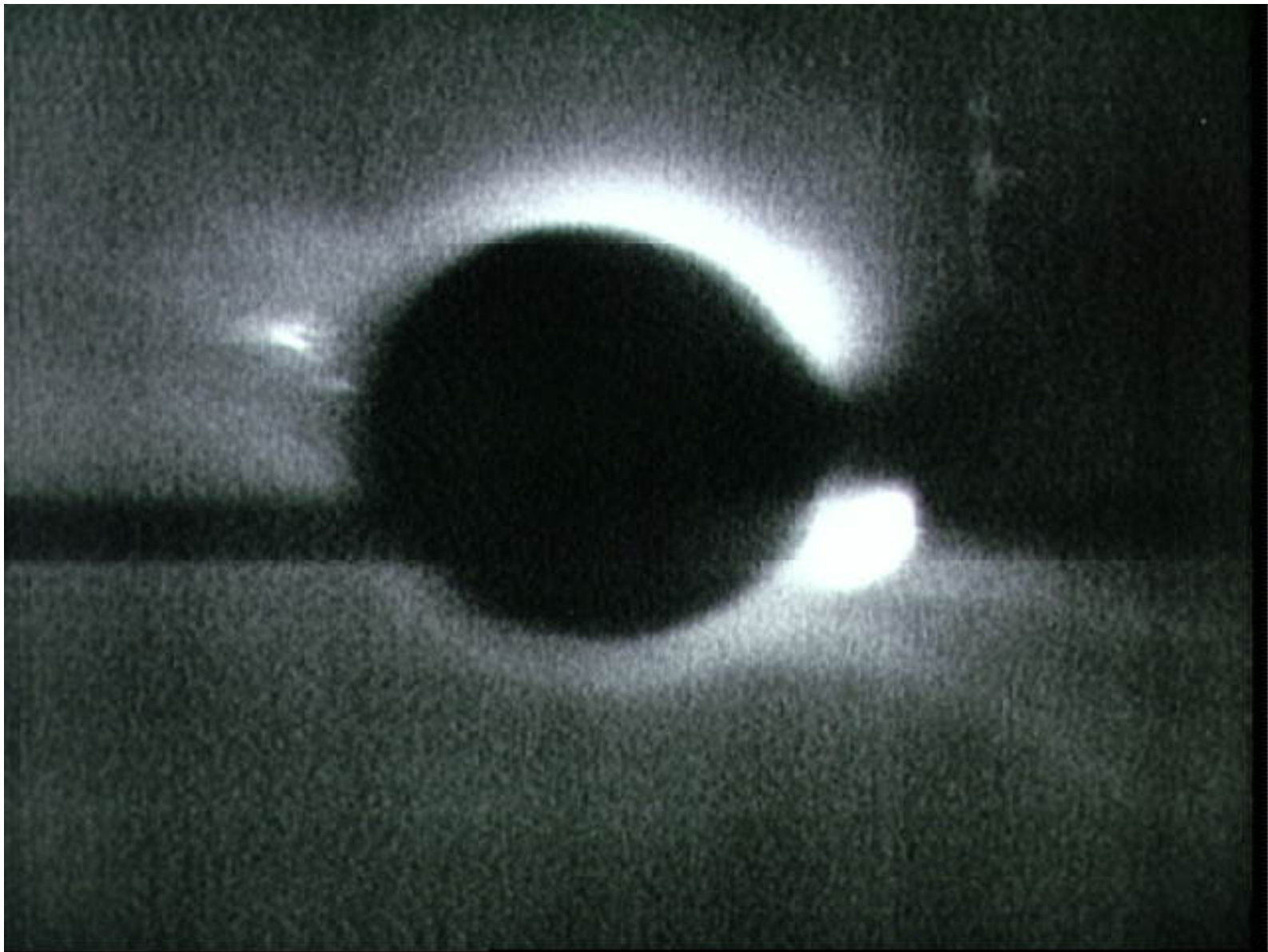
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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S74-15697

File Name: 10076403.jpg

Film Type: 4x5 BW

Date Taken: 01/17/74

Title: Solar corona/prominence seen through the White Light Coronagraph

Description:

The solar corona and a solar prominence as seen through the White Light Coronagraph, Skylab Experiment S052, on January 17, 1974. This view was reproduced from a television transmission made by a TV camera aboard the Skylab space station in Earth orbit. The bright spot is a burn in the vidicon. The solar corona is the halo around the Sun which is normally visible only at the time of solar eclipse by the Moon. The Skylab coronagraphy uses an externally-mounted disk system which occults the brilliant solar surface while allowing the fainter radiation of the corona to enter an annulus and be photographed. A mirror system allows either TV viewing of the corona or photographic recording of the image.

Subject terms:

REPRODUCTION

SKYLAB 4

SKYLAB PROGRAM

SOLAR ATMOSPHERE

SOLAR CORONA

SOLAR PHYSICS

SPACEBORNE EXPERIMENTS

TELEVISION TRANSMISSION

ULTRAVIOLET ASTRONOMY

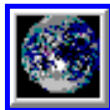
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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S74-17000

File Name: 10076414.jpg

Film Type: 4x5

Date Taken: 02/08/74

Title: Astronaut Gerald Carr relaxes after Skylab 4 mission recovery

Description:

Astronaut Gerald P. Carr, Skylab 4 commander, relaxes on a bunk on the prime recovery craft U.S.S. New Orleans after recovery from splashdown.

Subject terms:

ASTRONAUTS

NAVY

RECOVERY

SHIPS

SKYLAB 4

SKYLAB PROGRAM



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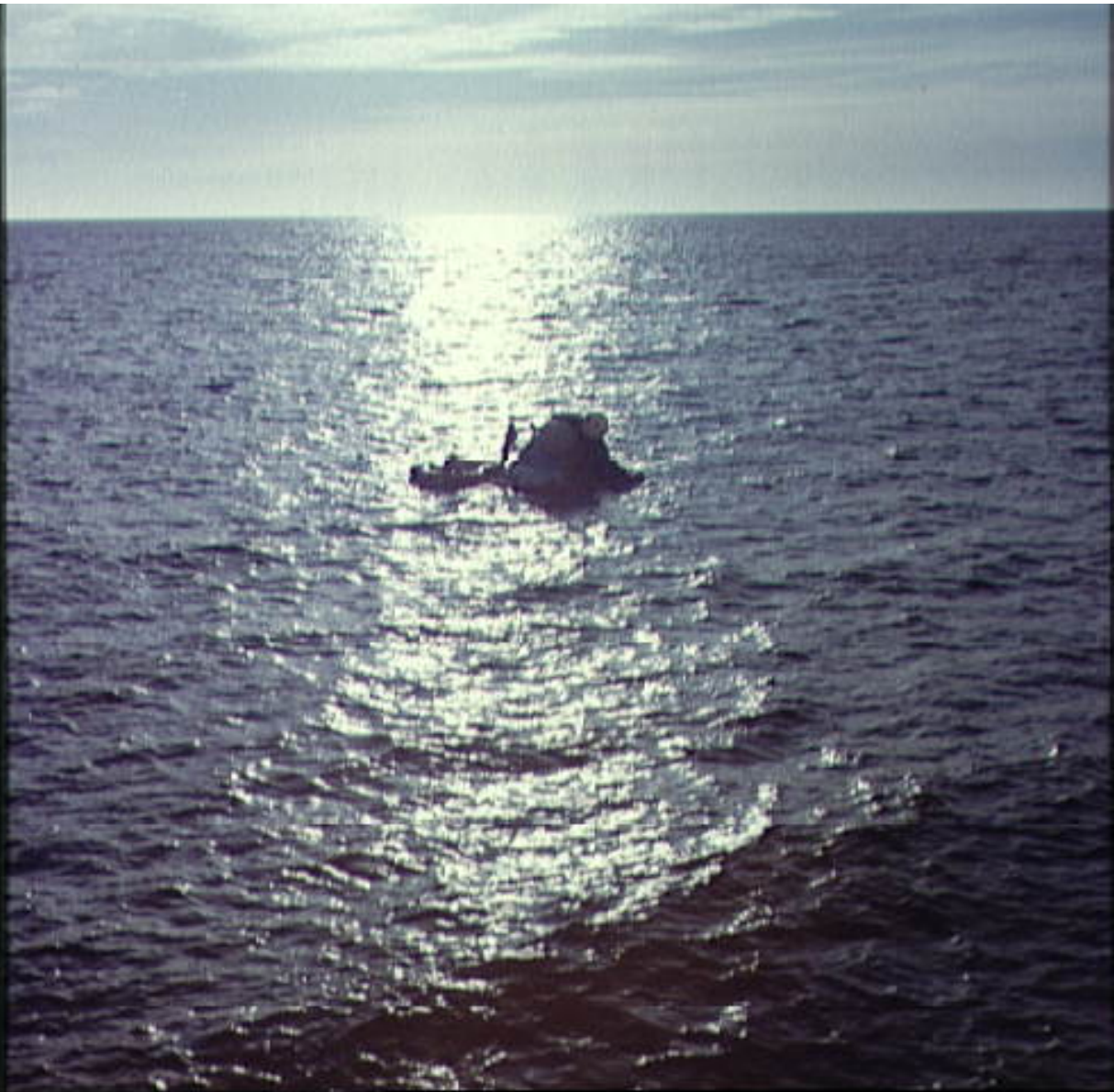
Fax: (281) 483-2848

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NASA Technical Monitor: [Scott Norr](#)

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Last Updated: February 23, 2000



# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S74-17133

File Name: 10076411.jpg

Film Type: 4x5

Date Taken: 02/08/74

Title: Skylab 4 Command Module in Pacific Ocean following splashdown

Description:

An early morning sun casts a reflection across the Skylab 4 Command Module in Pacific Ocean some 176 miles southwest of San Diego, California, following splashdown at 8:17 a.m., February 8, 1974. Swimmers from the U.S.S. New Orleans, prime recovery ship, are taking part in recovery operations, here.

Subject terms:

COMMAND MODULES

PACIFIC OCEAN

RECOVERY

SKYLAB 4

SKYLAB PROGRAM

SUN

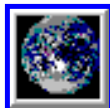
WATER LANDING



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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S74-17304

File Name: 10076347.jpg

Film Type: 35mm

Date Taken: 02/11/74

Title: Skylab 4 crewmen passing trash bags in to the OWS waste disposal tank

Description:

Two Skylab 4 crewmen are seen passing trash bags through the trash airlock of the Orbital Workshop (OWS) of the Skylab space station in Earth orbit. The trash airlock leads to the OWS waste disposal tank. Astronaut William R. Pogue, Skylab 4 pilot, holds onto the OWS crew quarters ceiling as he prepares to jump onto the OWS airlock hatch cover to force another trash bag further down into the airlock. Astronaut Gerald P. Carr, Skylab 4 commander, is assisting. Carr is holding onto the trash bags. A third trash bag is floating in the zero-gravity environment near Pogue's right leg. The wardroom can be seen behind Pogue.

Subject terms:

ASTRONAUTS

BAGS

HYGIENE

MAINTENANCE

SKYLAB 4

SKYLAB PROGRAM

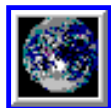
WASTE DISPOSAL



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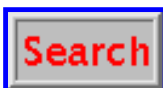


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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S74-17305

File Name: 10076346.jpg

Film Type: 35mm

Date Taken: 02/11/74

Title: Astronaut Gerald P. Carr flies the Astronaut Maneuvering Equipment in the OWS

### Description:

Astronaut Gerald P. Carr, Skylab 4 commander, flies the M509 Astronaut Maneuvering Equipment. Carr is strapped into the back-mounted, hand-controlled Automatically stabilized Maneuvering Unit (ASMU). The M509 exercise was in the forward dome area of the OWS. The dome area is about 22 feet in diameter and 19 feet from top to bottom.

### Subject terms:

ASTRONAUTS

MANNED MANEUVERING UNITS

MOBILITY

ORBITAL SPACE STATIONS

SKYLAB 4

SKYLAB PROGRAM

SPACEBORNE EXPERIMENTS

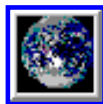
TESTING



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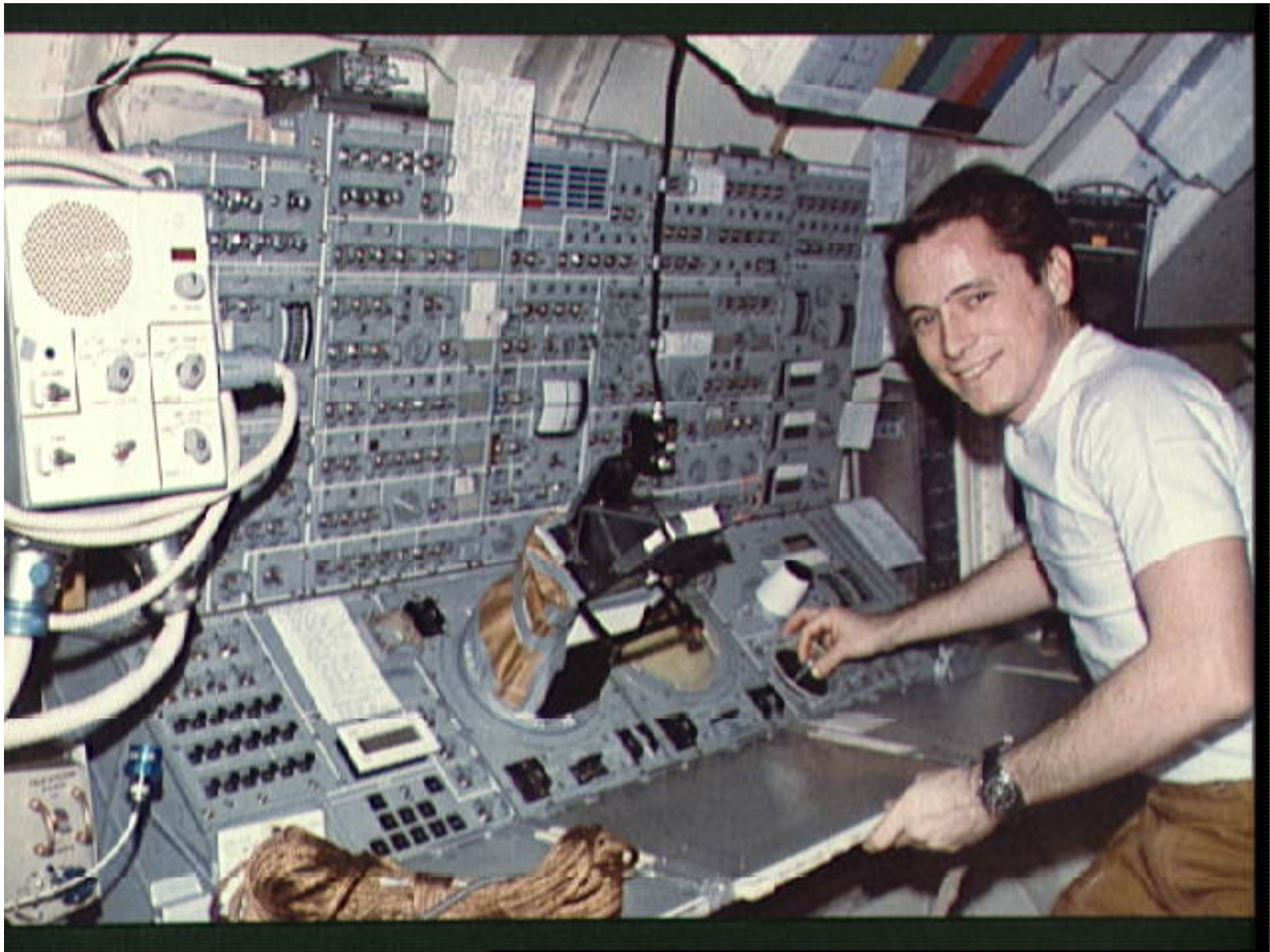
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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S74-17306

File Name: 10076345.jpg

Film Type: 35mm

Date Taken: 02/11/74

Title: Astronaut Edward Gibson stands at Apollo Telescope Mount in Skylab

Description:

Scientist-Astronaut Edward G. Gibson, Skylab 4 science pilot, stands at the Apollo Telescope Mount (ATM) console in the Multiple Docking Adapter (MDA) of the Skylab space station cluster in Earth orbit.

Subject terms:

ASTRONAUTS

CONSOLES

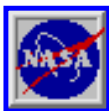
CONTROL BOARDS

ORBITAL SPACE STATIONS

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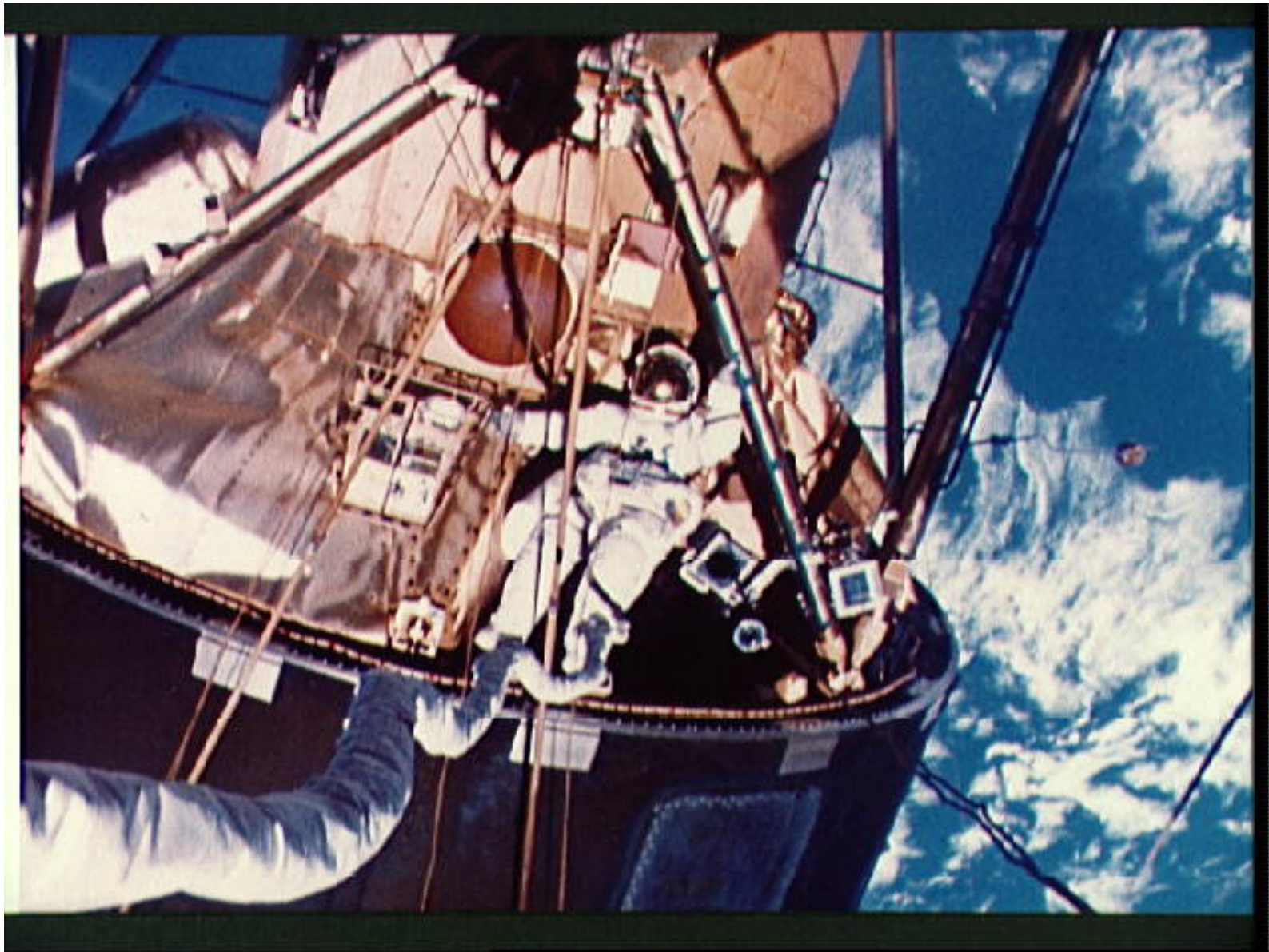
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NASA Technical Monitor: [Scott Norr](#)



# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S74-17456

File Name: 10076349.jpg

Film Type: 4x5

Date Taken: 02/14/74

Title: Astronaut Gerald Carr during EVA on Skylab 4

Description:

View of Astronaut Gerald P. Carr, Skylab 4 commander, during extravehicular activity (EVA) on the Skylab space station in orbit above the Earth.

Subject terms:

ASTRONAUTS

EXTRAVEHICULAR ACTIVITY

MAINTENANCE

ORBITAL SPACE STATIONS

REPAIRING

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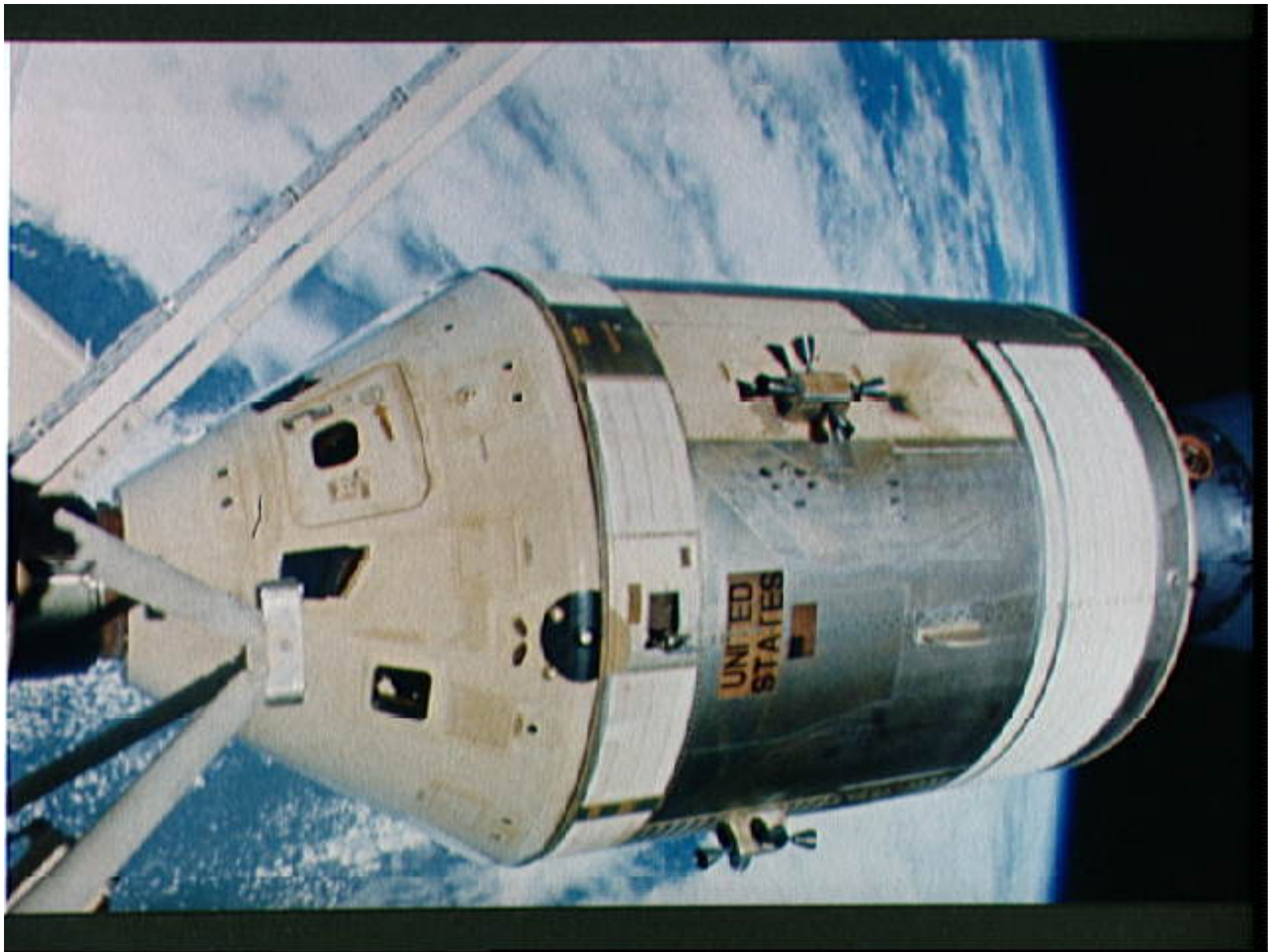
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NASA Technical Monitor: [Scott Norr](#)

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Last Updated: February 23, 2000





# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S74-17457

File Name: 10076348.jpg

Film Type: 4x5

Date Taken: 02/03/74

Title: View of Skylab 4 Command/Service module in docked configuration

Description:

View of the Skylab 4 Command/Service module in a docked configuration, docked with the Skylab space station in Earth orbit. This picture was taken by Astronaut Gerald P. Carr, Skylab 4 commander, during the final Skylab extravehicular activity which took place on February 3, 1974.

Subject terms:

COMMAND MODULES

EARTH OBSERVATIONS (FROM SPACE)

SERVICE MODULES

SKYLAB 4

SKYLAB PROGRAM

SPACECRAFT CONFIGURATIONS

SPACECRAFT DOCKING



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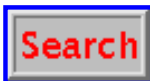


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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S74-17688

File Name: 10076417.jpg

Film Type: 35mm

Date Taken: 01/11/74

Title: Color photograph of the comet Kohoutek

Description:

This color photograph of the comet Kohoutek was taken by members of the lunar and planetary laboratory photographic team from the University of Arizona, at the Catalina observatory with a 35mm camera on January 11, 1974.

Subject terms:

ARIZONA

KOHOUTEK COMET

PHOTOGRAPHY

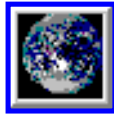
SCIENTISTS



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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S74-17735

File Name: 10076415.jpg

Film Type: 4x5 BW

Date Taken: 02/21/74

Title: Skylab 4 crewmen look over notes for press conference

Description:

The three crewmen of the third manned Skylab mission look over their notes for their upcoming post-mission press conference at JSC. They are, from left to right, Astronaut Gerald P. Carr, commander; Scientist-Astronaut Edward G. Gibson, science pilot; and Astronaut William R. Pogue, pilot. The three astronauts spent 84 days aboard the Skylab space station cluster in Earth orbit.

Subject terms:

ASTRONAUTS

CONFERENCES

JOHNSON SPACE CENTER

NEWS MEDIA

POSTFLIGHT ANALYSIS

PUBLIC SPEAKING

REVIEWING

SKYLAB 4

SKYLAB PROGRAM

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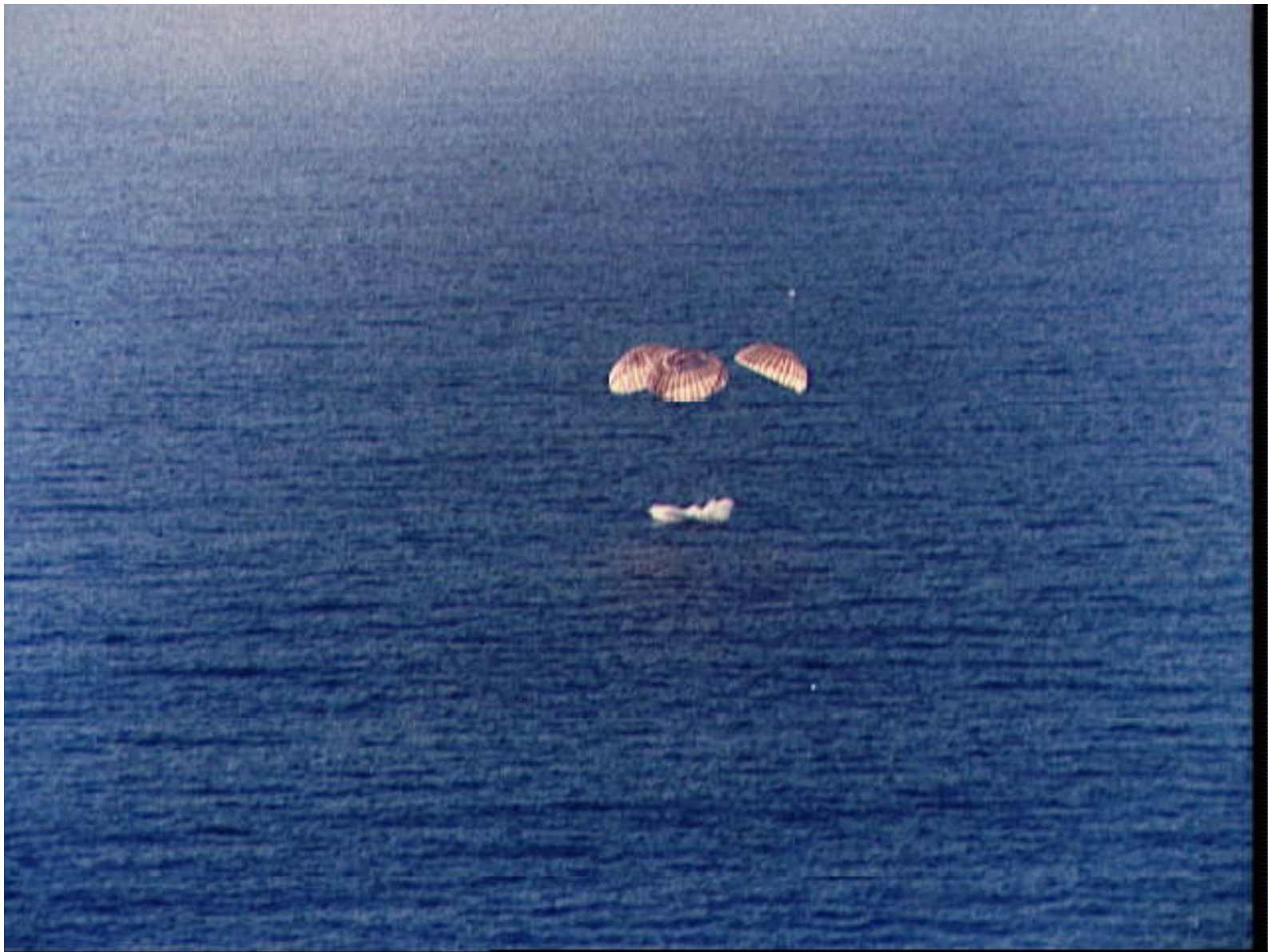
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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S74-17741

File Name: 10076409.jpg

Film Type: 4x5

Date Taken: 02/08/74

Title: Skylab 4 Command Module in Pacific Ocean after splashdown

Description:

The Skylab 4 Command Module splashes down in the Pacific Ocean southwest of San Diego, California at 10:17 a.m., February 8, 1974 (17741); The Skylab 4 Command Module bobs in an apex-down configuration (stable two) in the calm water of the Pacific Ocean 176 miles southwest of San Diego, California, following a successful splashdown and 84-day mission in Earth orbit.

Subject terms:

COMMAND MODULES

PACIFIC OCEAN

PARACHUTES

RECOVERY

SKYLAB 4

SKYLAB PROGRAM

WATER LANDING



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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S74-17742

File Name: 10076410.jpg

Film Type: 4x5

Date Taken: 02/08/74

Title: Skylab 4 Command Module in Pacific Ocean after splashdown

Description:

The Skylab 4 Command Module splashes down in the Pacific Ocean southwest of San Diego, California at 10:17 a.m., February 8, 1974 (17741); The Skylab 4 Command Module bobs in an apex-down configuration (stable two) in the calm water of the Pacific Ocean 176 miles southwest of San Diego, California, following a successful splashdown and 84-day mission in Earth orbit.

Subject terms:



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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S74-17744

File Name: 10076413.jpg

Film Type: 4x5

Date Taken: 02/08/74

Title: Skylab 4 crewmen aboard the U.S.S. New Orleans

Description:

The crewmen of the third and final manned Skylab mission relax on the U.S.S. New Orleans, prime recovery ship for their mission, about an hour after Command Module splashed down. Note the support crew behind the astronauts are all wearing surgical masks. This is to prevent passing on any illness to the crew.

Subject terms:

ASTRONAUTS

CEREMONIES

LANDING

NAVY

RECOVERY

SHIPS

SKYLAB 4

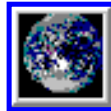
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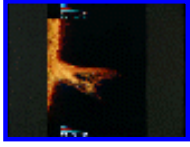
ZOOM X=15, Y=36  
R=03, G=05, B=00



ZOOM X=15, Y=36  
R=03, G=05, B=00

# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S74-18098

File Name: 10076405.jpg

Film Type: 4x5

Date Taken: 03/04/74

Title: Ultraviolet photograph of a solar flare using the ERAP

Description:

Graphical representation of an ultraviolet photograph depicting a solar flare, using the Skylab 4 Earth Observation Experiment equipment.

Subject terms:

GRAPHS (CHARTS)

SKYLAB 4

SKYLAB PROGRAM

SOLAR FLARES

SPACEBORNE EXPERIMENTS

ULTRAVIOLET PHOTOGRAPHY



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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S74-19160

File Name: 10076412.jpg

Film Type: 35mm

Date Taken: 02/08/74

Title: View of Mission Control following splashdown of Skylab 4 command module

Description:

An overall view of activity in the Mission Operations Control Room in the Mission Control Center following the successful splashdown of the Skylab 4 command module in the Pacific Ocean. The three flight controllers in the foreground, left to right, are flight director Neil B. Hutchinson; flight director Donald R. Puddy; and Astronaut Robert L. Crippen, a spacecraft communicator (CAPCOM).

Subject terms:

CONSOLES

FLIGHT CONTROL

GROUND BASED CONTROL

INTEGRATED MISSION CONTROL CENTER

PERSONNEL

RECOVERY

SKYLAB 4

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WATER LANDING



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Nov 26 23:29 GMT



Dec 5 22:08 GMT



Dec 12 01:46 GMT

← Direction to Sun on all photos

near Horizon



Dec 16 17:41 GMT

near  $\pi$  Sco,  $\delta$  Sco



Dec 23 16:03 GMT

near  $\theta$  Oph



Dec 25 21:33 GMT (EVA)

near Sag stars

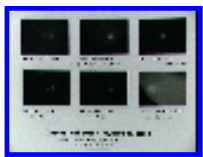
## Comet Kohoutek Hydrogen Halo

From S201/SL4 Lyman-alpha Photos

Scale: 0 1" 2" 3" 4" 5"

# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S74-20010

File Name: 10076401.jpg

Film Type: 4x5 BW

Date Taken: 01/01/74

Title: Six frames of S201 experiment photograph showing halo of Comet Kohoutek

Description:

Six frames of Skylab 4 Far Ultraviolet Electronographic (S201 experiment) photograph showing halo of Comet Kohoutek.

Subject terms:

CAMERAS

KOHOUTEK COMET

SKYLAB 4

SKYLAB PROGRAM

SPACEBORNE EXPERIMENTS

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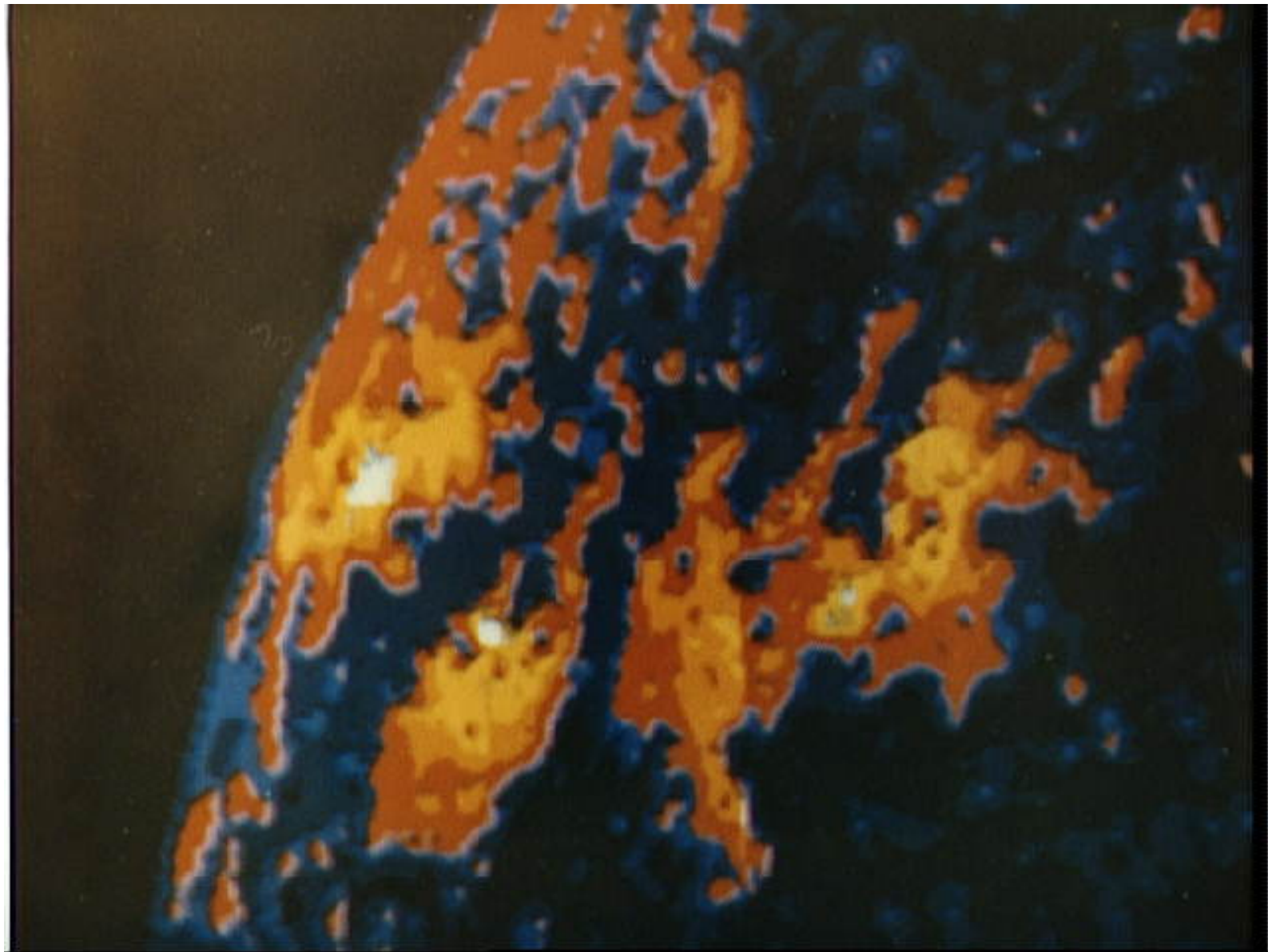
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NASA Technical Monitor: [Scott Norr](#)

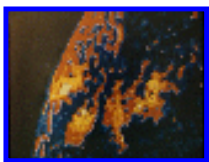
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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S74-21921

File Name: 10076402.jpg

Film Type: 4x5

Date Taken: 02/01/74

Title: Sun photographed by Apollo Telescope Mount through spectroheliometer  
Description:

Sun photographed by Apollo Telescope Mount through spectroheliometer at a wavelength of 625.3 angstroms. The black areas are the surface of the sun; the reds, yellows and whites are the corona some 70,000 kilometers above the surface.

Subject terms:

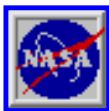
PHOTOGRAPHY

SKYLAB 4

SKYLAB PROGRAM

SPACEBORNE TELESCOPES

SUN



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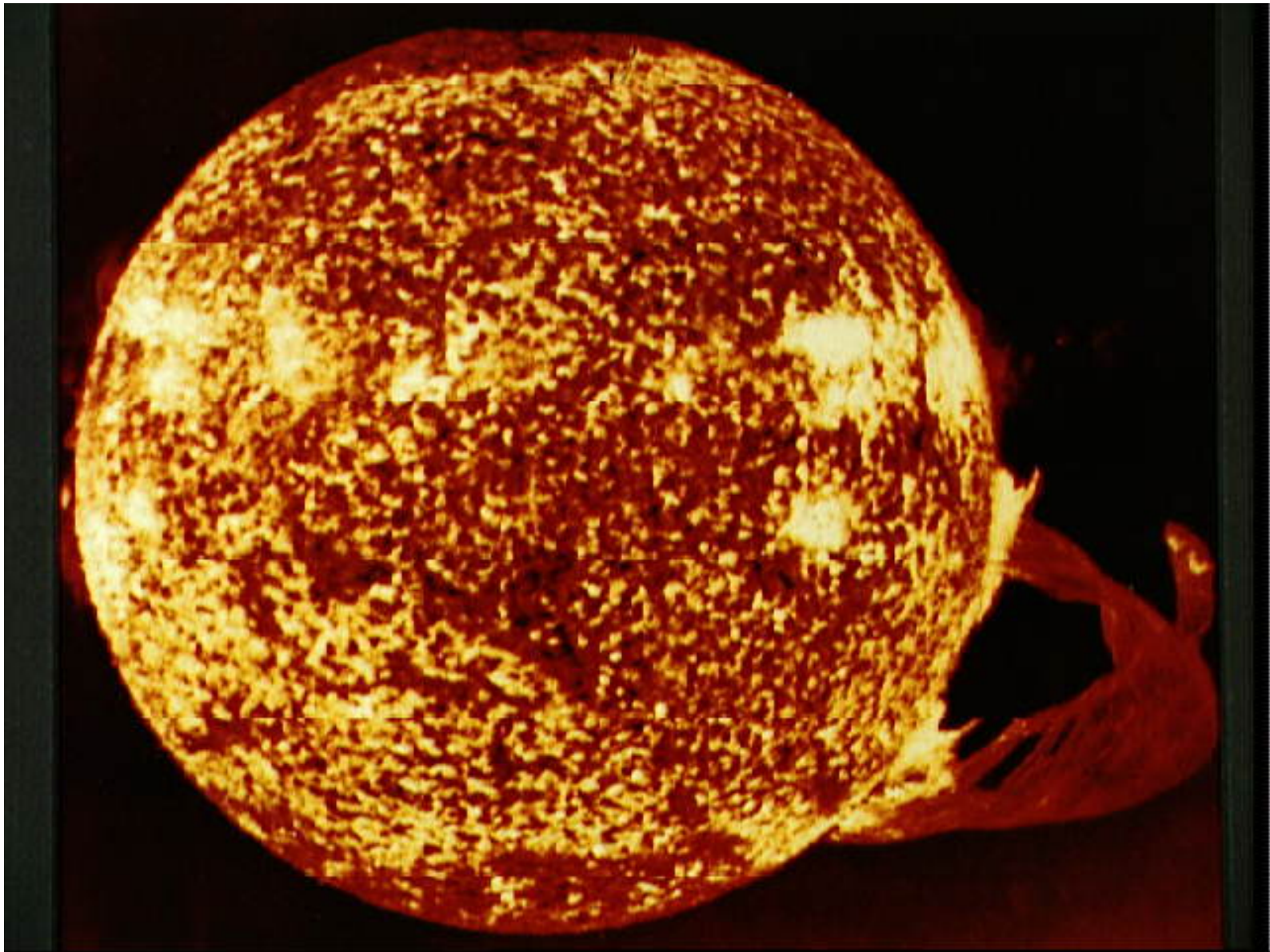
Houston, TX 77058

Fax: (281) 483-2848

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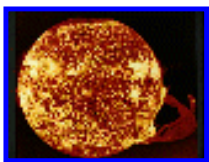
NASA Technical Monitor: [Scott Norr](#)

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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S74-23458

File Name: 10076406.jpg

Film Type: 4x5

Date Taken: 06/20/74

Title: Photograph of the Sun, taken during final Skylab mission

Description:

This photograph of the Sun, taken on December 19, 1973 during the third and final manned Skylab mission, shows one of the most spectacular solar flares ever recorded, spanning more than 588,000 kilometers (365,000 miles) across the solar surface. The flare gives the distinct impression of a twisted sheet of gas in the process of unwinding itself. In this photograph the solar poles are distinguished by a relative absence of supergranulation network, and a much darker tone than the central portions of the disk. Several active regions are seen on the eastern side of the disk. The photograph was taken in the light of ionized helium by the extreme ultraviolet spectroheliograph instrument of the U.S. Naval Research Laboratory.

Subject terms:

PHOTOGRAPHY

SKYLAB 4

SKYLAB PROGRAM

SOLAR ATMOSPHERE

SOLAR FLARES

SUN



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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: S74-34046

File Name: 10076416.jpg

Film Type: 4x5

Date Taken: 12/13/74

Title: President Gerald Ford holds crystal manufactured in space during Skylab 4

Description:

President Gerald R. Ford, center, holds encased crystal manufactured in space during Skylab 4. Dr. James C. Fletcher, left, NASA Administrator, explains the article to the Chief Executive as Dr. Harold Johnson of M.I.T. looks on. The indium-antimonide crystal was formed in Earth orbit on January 6, 1974, by the Skylab 4 astronauts.

Subject terms:

ADMINISTRATION

CRYSTAL GROWTH

PRESENTATION

PUBLIC RELATIONS

SKYLAB 4

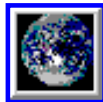
SKYLAB PROGRAM



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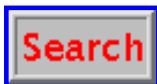


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## Press Release Images



NASA Photo ID: S75-31305

File Name: 10076309.jpg

Film Type: 4x5

Date Taken: 03/01/75

Title: Portrait of Astronaut William R. Pogue

Description:

Portrait of Astronaut William R. Pogue, in his space suit with a model of the skylab space station on the table in front of him.

Subject terms:

ASTRONAUTS

PORTRAIT



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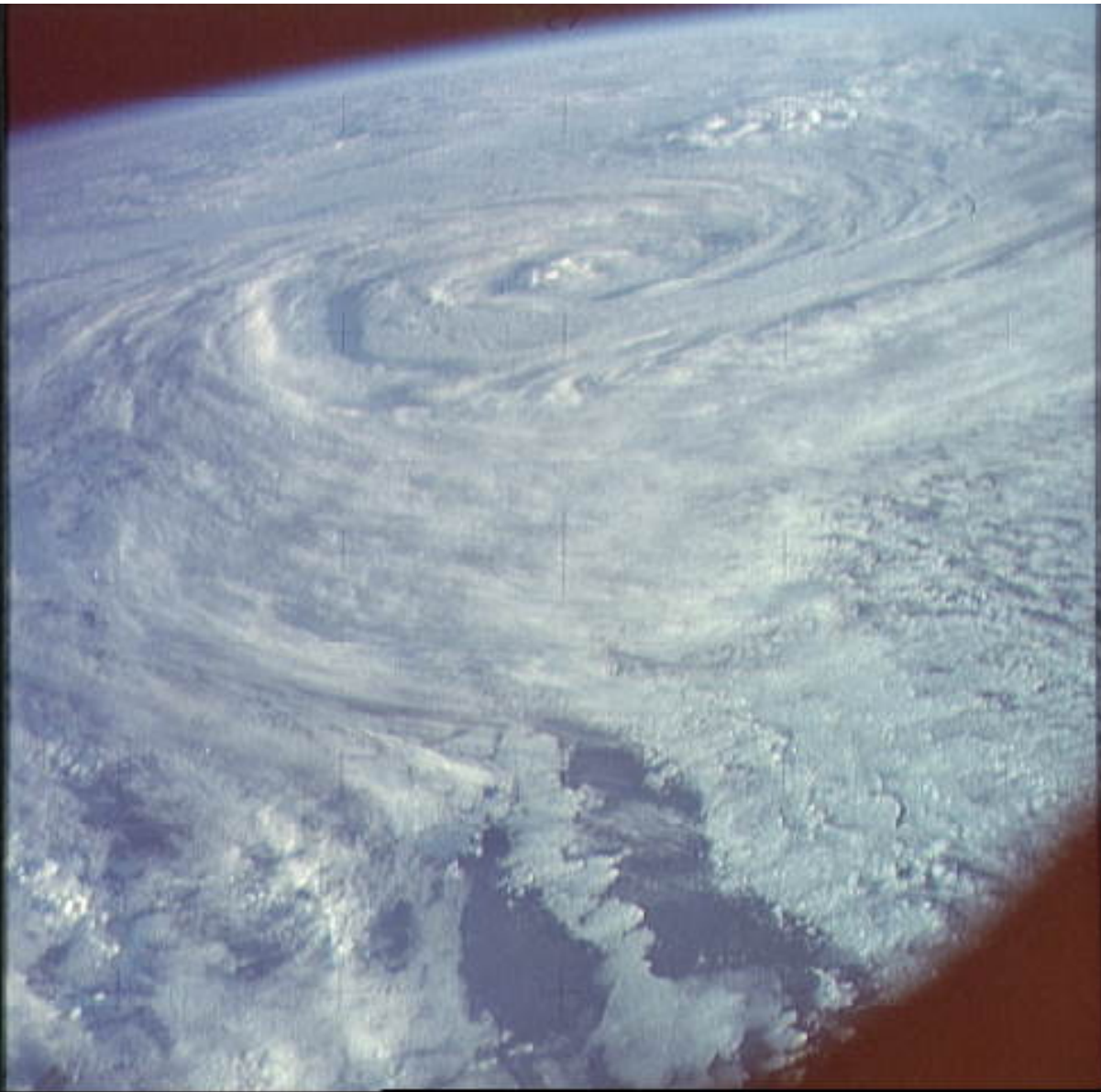
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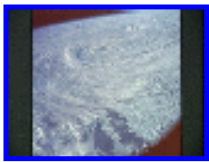
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Last Updated: February 23, 2000



# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: SL4-136-3388

File Name: 10076353.jpg

Film Type: 70mm

Date Taken: 12/02/73

Title: View of a South Pacific storm photographed from Skylab space station

Description:

This view of a South Pacific storm was photographed from the Skylab space station in Earth orbit by one of the Skylab 4 crewmen. The crewman used a hand-held 70mm Hasselblad camera to take this picture. This photograph of a low pressure area and associated frontal activity was taken for studying the development of such storm systems. The low sun angle enhances the relief, giving much of the picture a three-dimensional appearance. This storm, located east of New Zealand at 170 degrees west longitude and 50 degrees south latitude, is not and never become a typhoon.

Subject terms:

CLOUDS

EARTH OBSERVATIONS (FROM SPACE)

ONBOARD ACTIVITIES

PACIFIC OCEAN

PHOTOGRAPHY

SKYLAB 4

SKYLAB PROGRAM

STORMS



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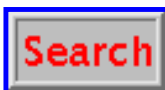


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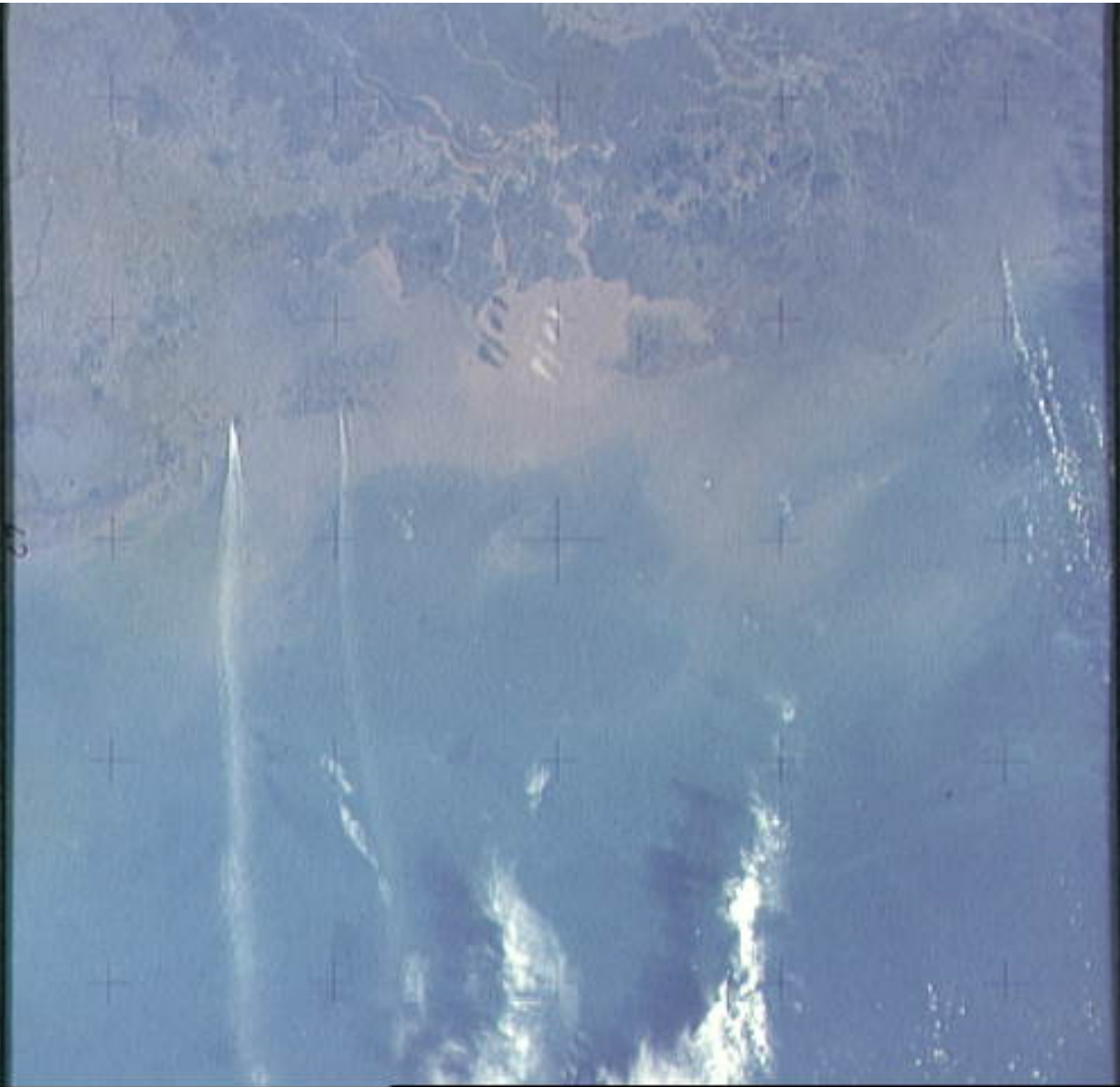
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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: SL4-136-3475

File Name: 10076354.jpg

Film Type: 70mm

Date Taken: 02/02/74

Title: View of Gulf coast area of Louisiana from Skylab space station

Description:

A vertical view of the Gulf coast area of Louisiana (29.0N, 92.0W) as seen from the Skylab space station in Earth orbit. A Skylab 4 crewman used a hand-held 70mm Hasselblad camera to take this picture. This view extends from White Lake and Pecan Island (bottom border) eastward to the Mississippi River delta (top left). Atchafalaya Bay (red) is in the center. The Bayou Teche area is included in this view. A prominent feature of this photograph is two large white smoke plumes extending from Louisiana south into the Gulf of Mexico. The larger smoke plume originates on the southern shore of Vermillion Bay. The other plume extends from the southern shore of Marsh Island. The pronounced narrow width and length of the plumes indicate that a strong offshore wind is present. Approximately 100 miles of the plumes are visible in this photograph; but they probably extend well into the Gulf of Mexico.

Subject terms:

EARTH OBSERVATIONS (FROM SPACE)

GULFS

LOUISIANA

ONBOARD ACTIVITIES

PHOTOGRAPHY

SKYLAB 4

SKYLAB PROGRAM

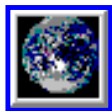
SMOKE



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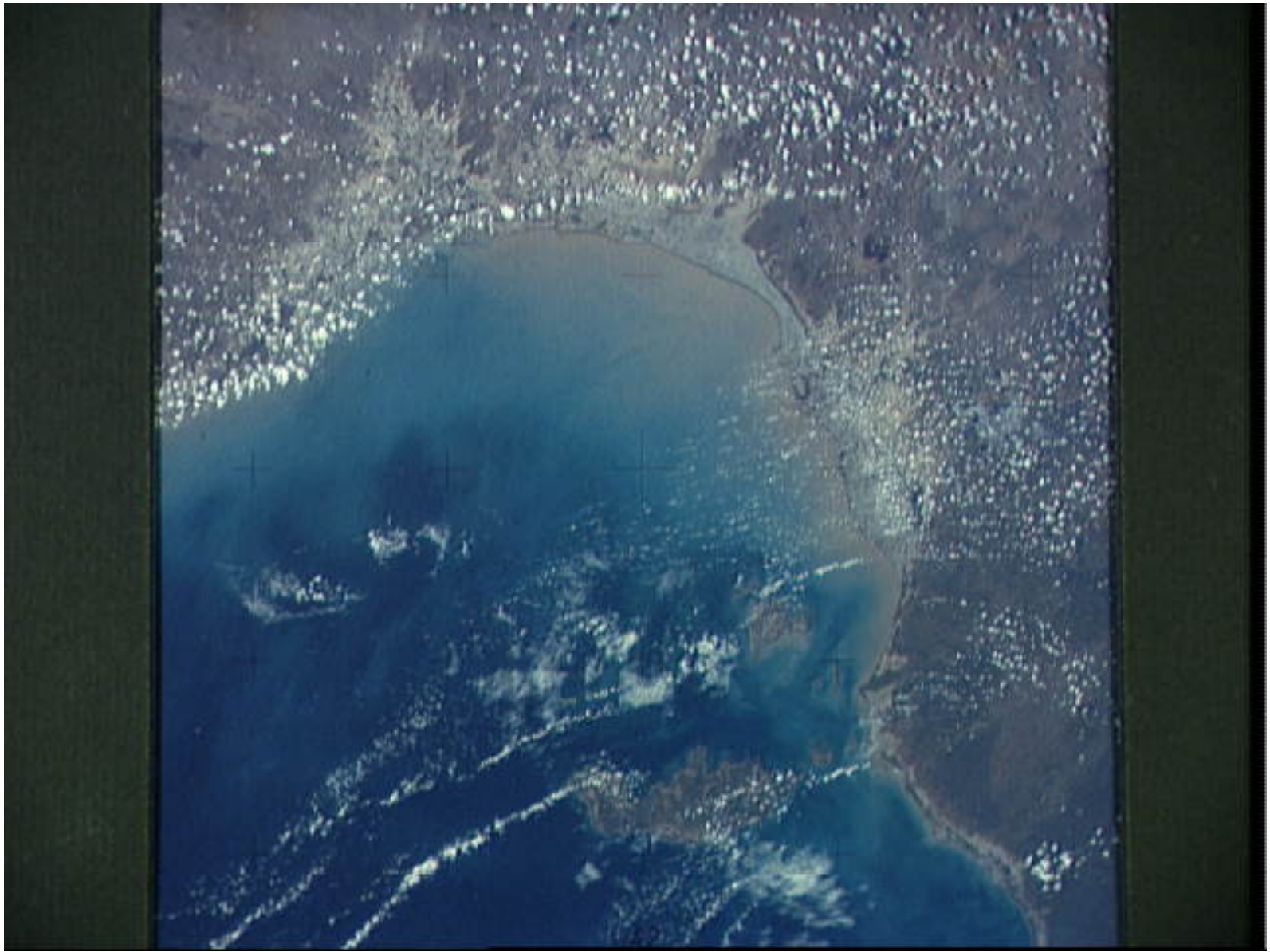
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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: SL4-136-3501

File Name: 10076355.jpg

Film Type: 70mm

Date Taken: 02/02/74

Title: View of portion of Queensland, Australia from Skylab space station

Description:

A vertical view of a portion of the State of Queensland, Australia, (17.0S, 140.0E) as photographed from the Skylab space station in Earth orbit. A Skylab 4 crewman used a hand-held 70mm Hasselblad camera to take this picture. The body of water is the southeastern part of the Gulf of Carpentaria. This picture was taken in support studies of the north Australian drought region. The largest island seen is Mornington. The town of Normanton can also be seen. Of interest here is the sediment-laden waters at the perimeter of the Gulf showing how rains at the end of the drought are washing the top soil into the sea after the drought killed the covering vegetation. Also noted is that the vegetation patterns tend more toward those of other arid regions (i.e. they follow topographic and hydrographic patterns) rather than those in other parts of Australia (i.e. more convenient and easier to see, rectilinear patterns which are prevalent in less arid areas.)

Subject terms:

AUSTRALIA

EARTH OBSERVATIONS (FROM SPACE)

GULFS

ISLANDS

ONBOARD ACTIVITIES

PHOTOGRAPHY

SKYLAB 4

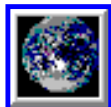
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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: SL4-137-3566

File Name: 10076356.jpg

Film Type: 70mm

Date Taken: 12/12/73

Title: Clouds near New Zealand photographed from Skylab space station

Description:

A group of clouds near New Zealand, as photographed from the Skylab space station in Earth orbit by one of the Skylab 4 crewmen. This picture shows how low sun angles enhance relief, giving these clouds a three-dimensional appearance. This photograph can be used to study the line of storms seen here at sunset. Relative heights of individual clouds can be measured, as well as their relation to the surrounding clouds.

Subject terms:

CLOUDS

EARTH OBSERVATIONS (FROM SPACE)

NEW ZEALAND

ONBOARD ACTIVITIES

PACIFIC OCEAN

PHOTOGRAPHY

SKYLAB 4

SKYLAB PROGRAM

STORMS



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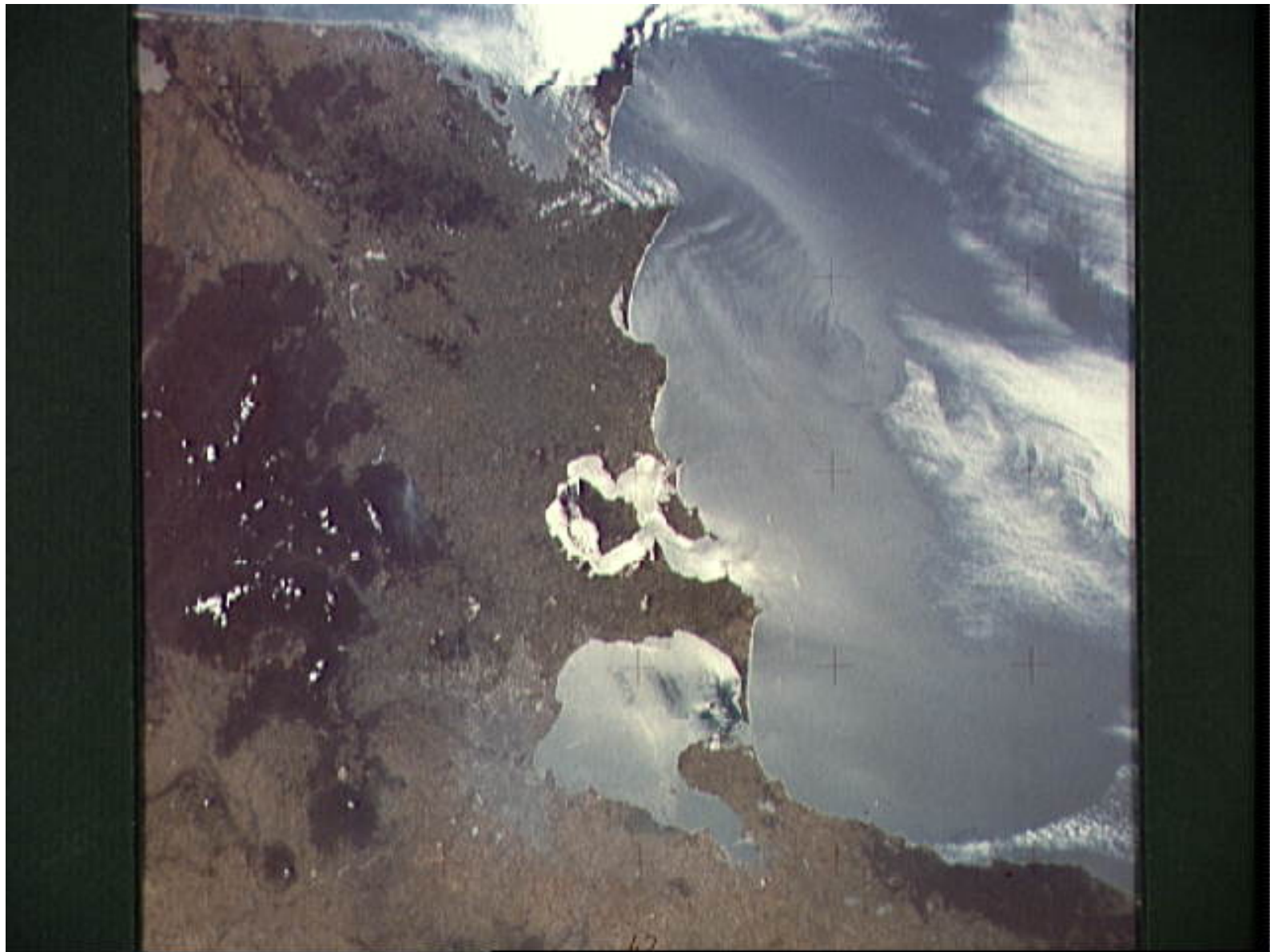
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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: SL4-137-3578

File Name: 10076357.jpg

Film Type: 70mm

Date Taken: 12/13/73

Title: View of Melbourne, Australia as seen from Skylab space station

Description:

A near vertical view of the Melbourne, State of Victoria, Australia (38.5S, 145.5E) area as seen from the Skylab space station in Earth orbit. Note sunglint. Included in this view are Port Phillip Bay, Ninety-Mile Beach and the Australian Alps. The bay opens to the south. In general, sunglint allows best viewing of ocean surface features.

Subject terms:

AUSTRALIA

BAYS

CLOUDS

EARTH OBSERVATIONS (FROM SPACE)

ONBOARD ACTIVITIES

PACIFIC OCEAN

PHOTOGRAPHY

SKYLAB 4

SKYLAB PROGRAM

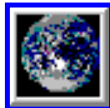
SUN



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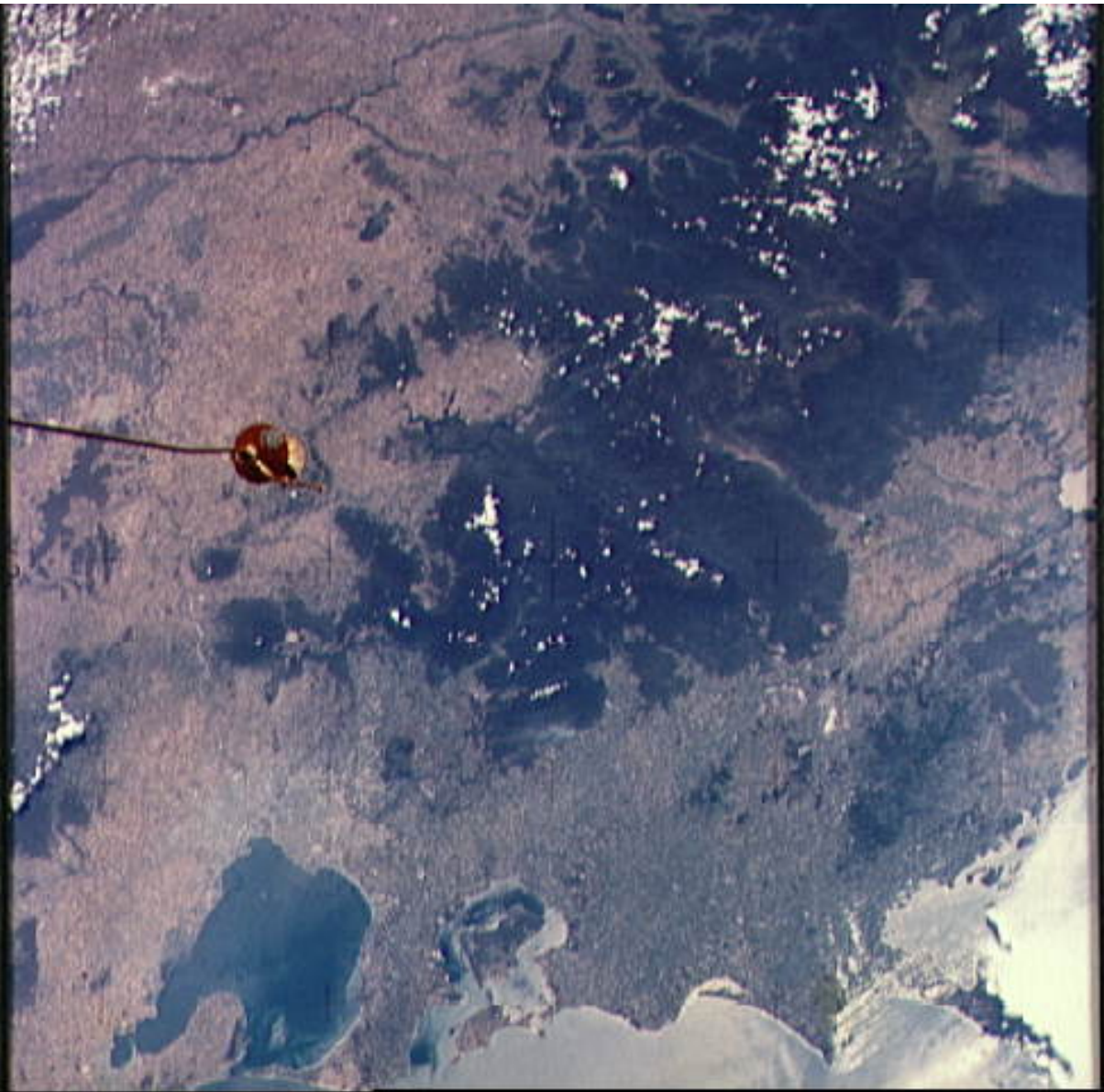
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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: SL4-137-3579

File Name: 10076358.jpg

Film Type: 70mm

Date Taken: 12/13/73

Title: View of Melbourne, Australia as seen from Skylab space station

Description:

A near vertical view of the Melbourne, State of Victoria, Australia (37.5S, 146.5E) area as seen from the Skylab space station in Earth orbit. This view is not in sunlint. Included in this view are Port Phillip Bay, Ninety-Mile Beach and the Australian Alps. The bay opens to the south.

Subject terms:

AUSTRALIA

BAYS

CLOUDS

EARTH OBSERVATIONS (FROM SPACE)

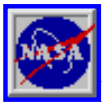
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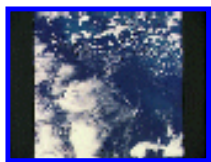
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Last Updated: February 23, 2000



# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: SL4-137-3608

File Name: 10076359.jpg

Film Type: 70mm

Date Taken: 12/14/73

Title: View of cold water eddies in Falkland Current off southern Argentina

Description:

A view of cold water eddies in the Falkland Current off the South Atlantic Coast of southern Argentina (47.5S, 64.0W) as seen from the Skylab space station in Earth orbit. This land area (left corner) extends south along the coast from Puerto Deseado (center left border) for about 50 miles. Within the ocean, several light blue areas are visible and represent the occurrence of plankton within the Falkland Current. Over the ocean, the cold water eddies are identified by the circular cloud-free areas within the cloud street pattern and bordered by cumulus cloud buildup (white). The cloud streets indicate the wind is from the southwest and do not form over eddies because energy from the atmosphere is absorbed by the cold ocean water. On the downwind side of the eddies, cumulus clouds tend to form as the cold moist air flows over the warmer water.

Subject terms:

ARGENTINA

ATLANTIC OCEAN

CLOUDS

EARTH OBSERVATIONS (FROM SPACE)

EDDY CURRENTS

OCEAN CURRENTS

OCEAN SURFACE

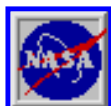
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PHOTOGRAPHY

SKYLAB 4

SKYLAB PROGRAM

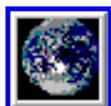
SOUTH AMERICA



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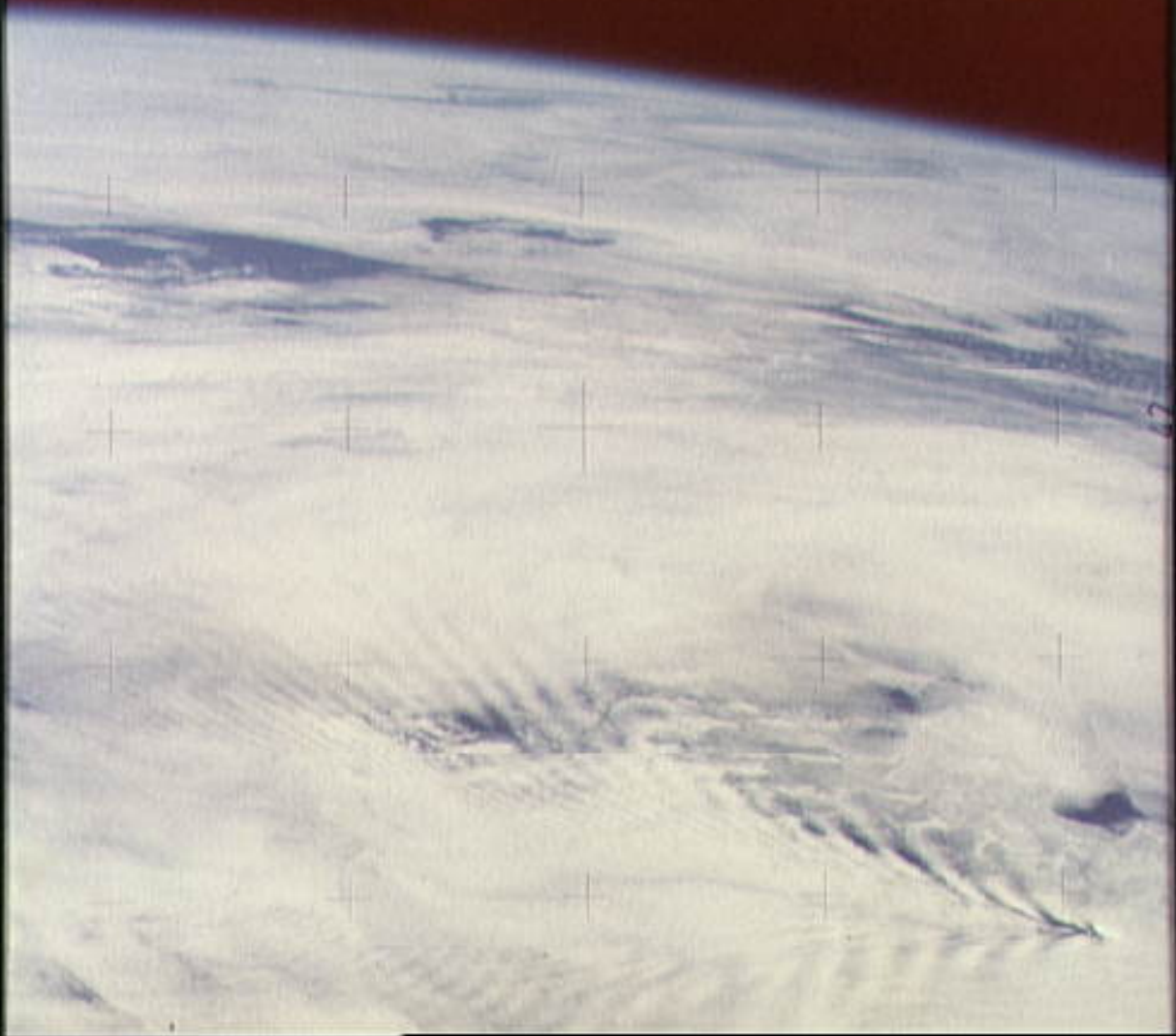
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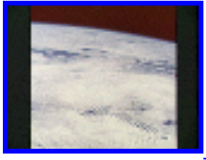
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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: SL4-137-3632

File Name: 10076360.jpg

Film Type: 70mm

Date Taken: 12/14/73

Title: View of atmospheric wave patterns by effect of island on wind currents  
Description:

A photograph taken from the Skylab space station in Earth orbit illustrating an atmospheric wave pattern (54.4S, 3.4E) by the effect of a small mountainous island on wind currents. Various patterns can be seen downwind of small islands. This photograph illustrates a "bow wave" pattern which extends for hundreds of miles downwind from the island. The island itself is often clear when a wave pattern is formed downstream. This particular pattern is very symmetrical. The island in the photo is in the south Atlantic, either Diego de Alvare or Gough Island.

Subject terms:

ARGENTINA

ATLANTIC OCEAN

CLOUDS

EARTH OBSERVATIONS (FROM SPACE)

EDDY CURRENTS

OCEAN CURRENTS

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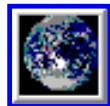
SOUTH AMERICA



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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: SL4-137-3655

File Name: 10076361.jpg

Film Type: 70mm

Date Taken: 12/16/73

Title: Island wake produced by Antipodes Islands south of New Zealand

Description:

An island wake produced by the Antipodes Islands in the ocean current south of New Zealand (49.7S, 178.8E) is seen in this photograph taken from the Skylab space station in Earth orbit. The bow wave pattern is quite evident and can be used to determine the current speed from the angle of the bow wave if the propagation speed of the surface waves is known. Also, evident is the darker band extending downstream from the island tens of miles. This is the actual wake of the island.

Subject terms:

CLOUDS

EARTH OBSERVATIONS (FROM SPACE)

EDDY CURRENTS

NEW ZEALAND

OCEAN CURRENTS

OCEAN SURFACE

ONBOARD ACTIVITIES

PACIFIC OCEAN

PHOTOGRAPHY

SKYLAB 4

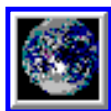
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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: SL4-137-3700

File Name: 10076362.jpg

Film Type: 70mm

Date Taken: 12/22/73

Title: View of portion of South Island, New Zealand as seen from Skylab

### Description:

A near vertical view of a portion of South Island, New Zealand (43.0S, 171.5E) as seen from the Skylab space station in Earth orbit. Cape Foulwind is at the upper left. The City of Christchurch is under clouds at the center right margin. Note the movement of sediment of alongside currents, especially on the east (right) side of the island, the Alpine Fault, which is part of the circum-Pacific volcanic-tectonic belt, is clearly visible on the left side of the island. The fault line is marked by a scarp which appears very distinct from orbital altitude. Differences in topography and vegetation on either side of the fault are also sharp.

### Subject terms:

EARTH OBSERVATIONS (FROM SPACE)

FAULTS

ISLANDS

NEW ZEALAND

ONBOARD ACTIVITIES

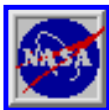
PACIFIC OCEAN

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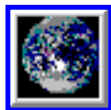
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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: SL4-137-3721

File Name: 10076363.jpg

Film Type: 70mm

Date Taken: 02/01/74

Title: Plankton blooms in the Falkland Current east of Argentina coast

Description:

Plankton blooms and color variations in the Falkland Current east of the Argentina coast in the South Atlantic Ocean as seen from the Skylab space station in Earth orbit. This current flows north and northeastward along the Argentine coast to near 40 degrees south latitude where it meets the Brazil Current and the two swing eastward.

Subject terms:

ARGENTINA

ATLANTIC OCEAN

COASTS

CURRENTS

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EDDY CURRENTS

OCEAN CURRENTS

OCEAN SURFACE

ONBOARD ACTIVITIES

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PLANKTON

SKYLAB 4

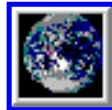
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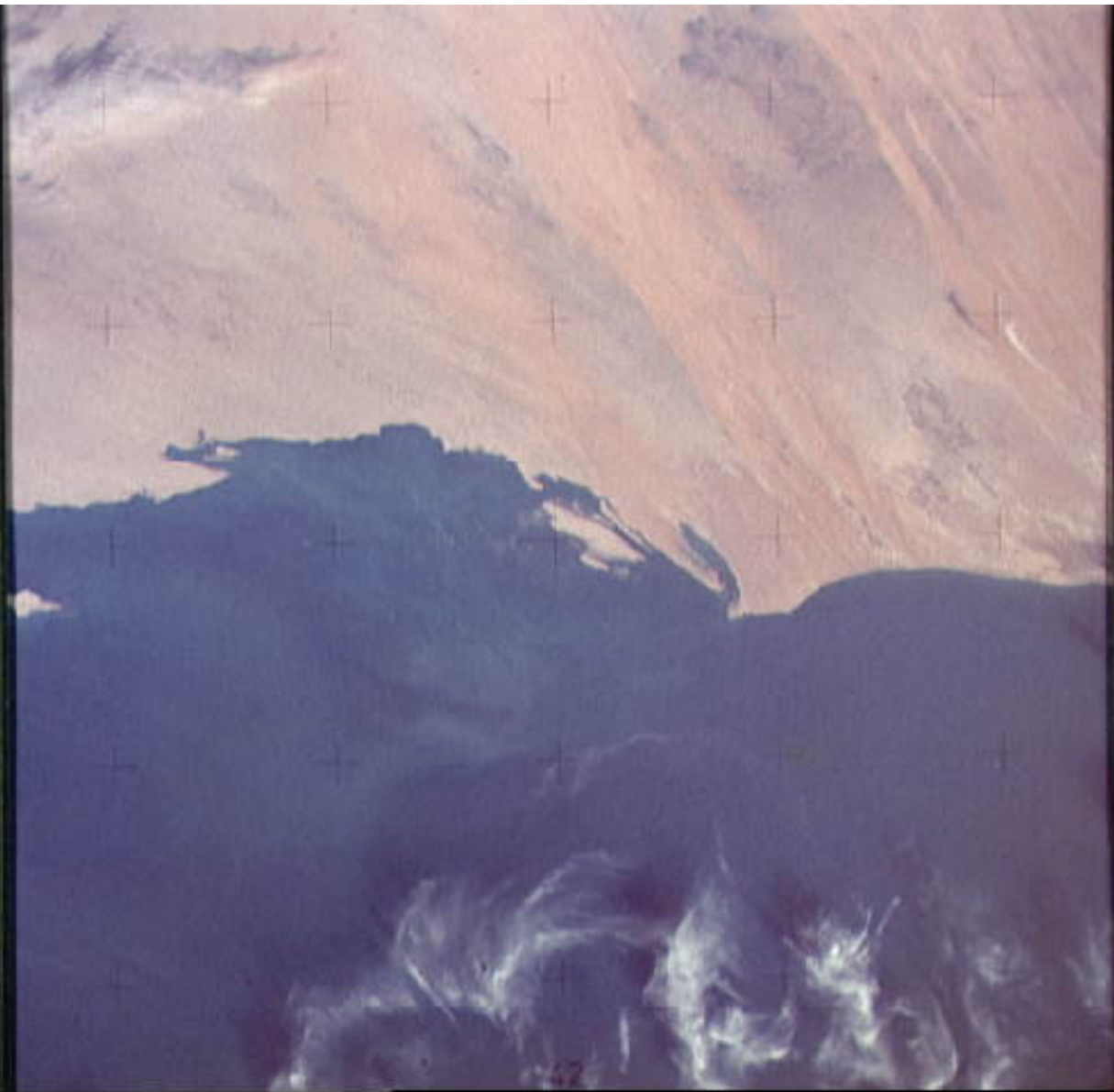
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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: SL4-138-3756

File Name: 10076365.jpg

Film Type: 70mm

Date Taken: 12/27/73

Title: Northern half of Mauritania's Atlantic Coast from Skylab

Description:

The northern half of Mauritania's Atlantic Coast (20.0N, 16.5W), as photographed from the Skylab space station in Earth orbit by one of the Skylab 4 crewmen. Spanish Sahara is just out of the picture to the north. The linear chains of sand dunes leading to the sea were the objects of study in an effort to better understand deserts and their functions.

Subject terms:

ATLANTIC OCEAN

COASTS

EARTH OBSERVATIONS (FROM SPACE)

MAURITANIA

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SAND DUNES

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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: SL4-138-3760

File Name: 10076366.jpg

Film Type: 70mm

Date Taken: 12/28/73

Title: View of northeastern Mexico and the Rio Grande Valley of Texas

Description:

An oblique view of northeastern Mexico and the Rio Grande Valley of Texas (26.0N,100.0W), as photographed from the Skylab space station by one of the Skylab 4 crewmen. Mexico's Sierra Madre Oriental Mountains are in the center of the picture. The Gulf of Mexico is in the background. Note the lakes on the Rio Grande River. Monterrey is near the center of the picture. Field patterns in the lower Rio Grande Valley can easily be identified. The stark, linear roughness of the Sierra Madre Oriental Mountains is the most prominent feature.

Subject terms:

EARTH OBSERVATIONS (FROM SPACE)

FIELDS

GULF OF MEXICO

MEXICO

MOUNTAINS

ONBOARD ACTIVITIES

PHOTOGRAPHY

RIVERS

SKYLAB 4

SKYLAB PROGRAM

TEXAS

VALLEYS



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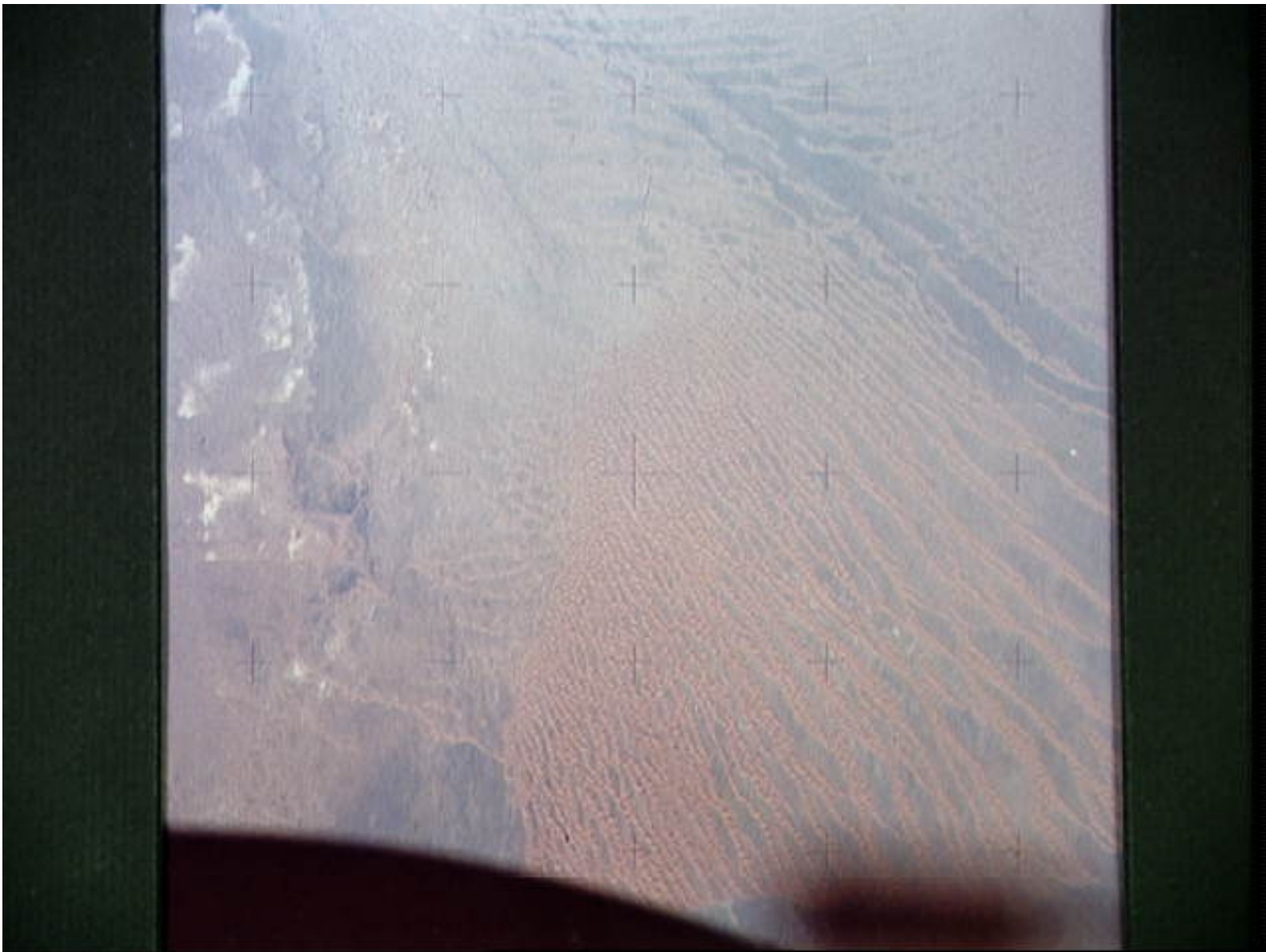
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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: SL4-138-3820

File Name: 10076367.jpg

Film Type: 70mm

Date Taken: 12/31/73

Title: View of chains of star sand dunes in eastern Algeria from Skylab

Description:

A north-looking oblique view of chains of star sand dunes in eastern Algeria (30.0N, 5.0E) as seen from the Skylab space station in Earth orbit. The low sun angle of about 25 degrees above horizontal enhances the detail in this picture. The field of view at the base of the photograph is approximately 200 kilometers (125 miles). The individual dunes are roughly star-shaped rather than simple crescents which are common in dune fields. In this region the stars are aligned along ridges.

Subject terms:

ALGERIA

EARTH OBSERVATIONS (FROM SPACE)

ONBOARD ACTIVITIES

PHOTOGRAPHY

SAND DUNES

SKYLAB 4

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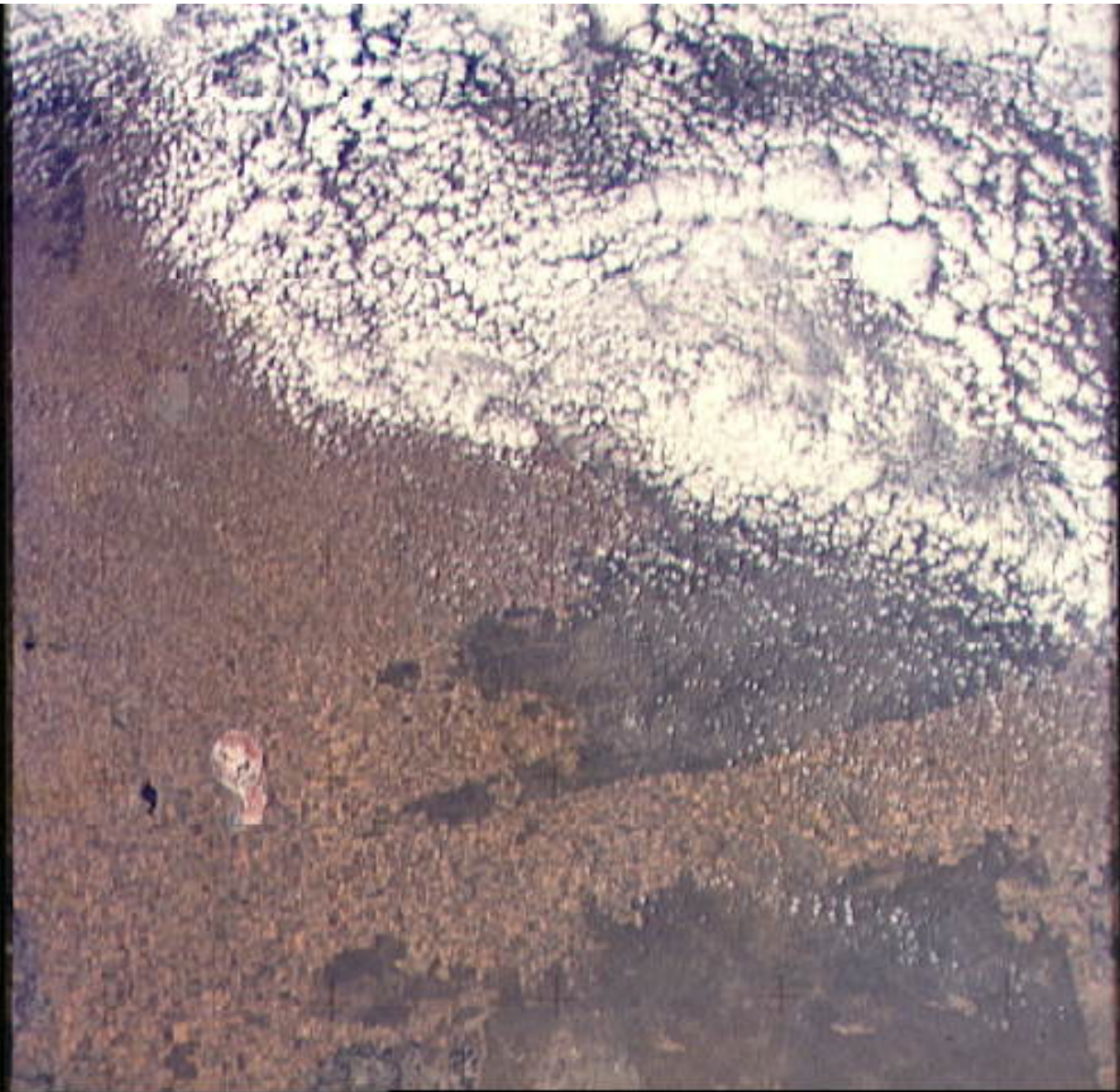
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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: SL4-138-3834

File Name: 10076368.jpg

Film Type: 70mm

Date Taken: 02/01/74

Title: View of portion of Murray River Basin of State of Victoria, Australia

Description:

A near vertical view of a portion of the Murray River Basin area in the northwest corner of the State of Victoria, Australia (35.5S, 142,0E), as seen from the Skylab space station in Earth orbit. Dry Lake Tyrrell appears as pink and white. The Murray River is in the lower right corner of the photograph. A mass of clouds (white) covers a large portion of the left side of the picture. Rectangular fields of varying sizes indicate an area of major agriculture. A difference in soil color (from pink near the river to buff extending outward) is evident. Large uncultivated areas (dark) are either areas of recent burning or areas unsuitable for growing crops.

Subject terms:

AGRICULTURE

AUSTRALIA

CLOUDS

EARTH OBSERVATIONS (FROM SPACE)

LAKES

ONBOARD ACTIVITIES

PHOTOGRAPHY

RIVERS

SKYLAB 4

SKYLAB PROGRAM

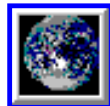
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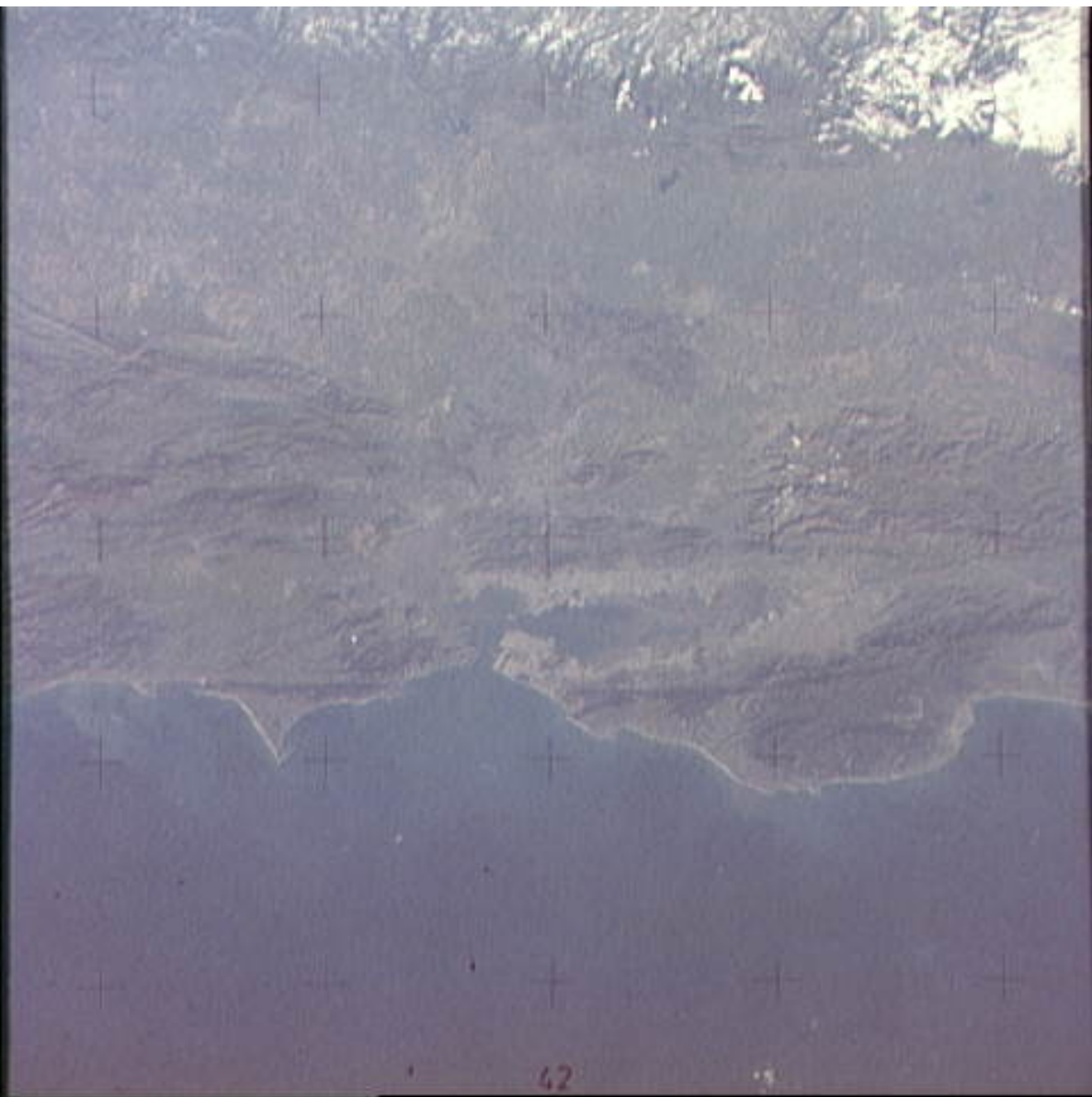
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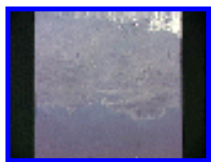




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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: SL4-138-3843

File Name: 10076369.jpg

Film Type: 70mm

Date Taken: 01/01/74

Title: Northern California near San Francisco

Description:

A part of northern California centered near San Francisco Bay (38.0N, 122.0W) photographed at 3 p.m. January 1, 1974, from the Skylab space station in Earth orbit. This near vertical view encompasses the coastline from Monterey Bay (right) to about 50 miles north of Point Reyes (left) and includes, from bottom to top, San Francisco Bay (center), Sacramento Valley (left center), San Joaquin Valley (right center), and the snow-covered Sierra Nevada. Afternoon shadows sharply delineate a valley which parallels San Francisco Bay, crosses Point Reyes, and lies between the Bay and the Pacific coastline. This valley marks the location of the San Andreas Fault. Forces acting on the crust are causing the land west (bottom) of the fault line to move north relative to land on the east side. Agricultural areas in the Sacramento and San Joaquin Valleys are indicated by the tan areas which are easily discerned in contrast to the green-gray background.

Subject terms:

BAYS

CALIFORNIA

COASTS

EARTH OBSERVATIONS (FROM SPACE)

MOUNTAINS

ONBOARD ACTIVITIES

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SKYLAB 4

SKYLAB PROGRAM

VALLEYS



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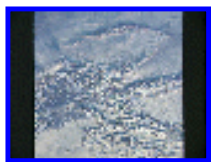
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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: SL4-138-3846

File Name: 10076364.jpg

Film Type: 70mm

Date Taken: 02/01/74

Title: Northwest corner of Wyoming

Description:

A near vertical view of the snow-covered northwest corner of Wyoming (43.5N, 109.5W), as seen from the Skylab space station in Earth orbit. A small portion of Montana and Idaho is in this photograph, also. The dark area is Yellowstone National Park. The largest body of water is Yellowstone Lake. The elongated range in the eastern part of the picture is the Big Horn Mountains. The Wind River Range is at the bottom center. The Grand Teton National Park area is almost straight south of Yellowstone Lake. Approximately 30 per cent of the State of Wyoming can be seen in this photograph.

Subject terms:

EARTH OBSERVATIONS (FROM SPACE)

LAKES

MOUNTAINS

ONBOARD ACTIVITIES

PARKS

PHOTOGRAPHY

SKYLAB 4

SKYLAB PROGRAM

SNOW

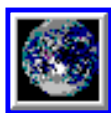
WYOMING



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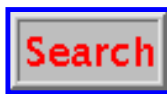


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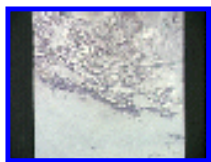
Curator: [James McAlpin](#)

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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: SL4-138-3875

File Name: 10076370.jpg

Film Type: 70mm

Date Taken: 02/01/74

Title: View east over the Rocky Mountains and Great Plains

Description:

A color oblique view looking east over the Rocky Mountains and Great Plains (40.0N, 106.0W). This view covers a portion of the States of Colorado, Wyoming, and Nebraska. This entire region, covered with snow, depicts much of the structural and topographic features of the Rocky Mountain chain. Only change to snow pattern seen here is the (right center) metropolitan areas of Denver and Colorado Springs, Colorado, which can be observed along the eastern edge of the mountain front. The major inter-montane valleys of South Park (right center), Middle Park (center), and North Park (left center) are clearly visible and separate the Colorado Rockies Front Range from the high rugged mountains that form the core of the Rocky Mountains. Individual mountains can be discovered such as Pikes Peak near right border (center), Mt. Cunnison region, circular feature accentuated by the Cunnison River (dark) in the right center (bottom) of the photograph. The snow covered peaks of Mts. Harvard, Princeton, and Yale form the high region of the Collegiate Range which is the pronounced mountain area in the right center. East of Denver (right corner) is the South Platte River (center) and its junction with the North Platte River near North Platte, Nebraska. Lake McConaughy in Nebraska is the body of water (black) near the river intersection. The trace of the Republican river in southern Nebraska is visible near the right corner of the photograph.

Subject terms:

COLORADO

EARTH OBSERVATIONS (FROM SPACE)

MOUNTAINS

NEBRASKA

ONBOARD ACTIVITIES

PHOTOGRAPHY

PLAINS

RIVERS

SKYLAB 4

SKYLAB PROGRAM

SNOW

TOPOGRAPHY



# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: SL4-138-3894

File Name: 10076371.jpg

Film Type: 70mm

Date Taken: 01/05/74

Title: View of portion of the northeastern United States as seen from Skylab

Description:

An oblique view of a portion of the northeastern United States (41.5N, 91.0W), as photographed from the Skylab space station in Earth orbit by one of the Skylab 4 crewmen. The entire area of New Jersey, eastern Pennsylvania, southeastern New York, and southern New England can be examined in one view. Long Island, New York City, and the lower Hudson River Valley are readily seen in their regional framework. The Boston area, although blurred by clouds, is also included. The snow enhances the contrast, especially of terrain and cultural features. Different levels of clouds can be studied, especially the crossing layers of cirrus in the center of the photograph, with the lower cirrus trending north-south and the upper (probably associated with a jet stream) trending east-west.

Subject terms:

CLOUDS

EARTH OBSERVATIONS (FROM SPACE)

NEW JERSEY

NEW YORK

ONBOARD ACTIVITIES

PENNSYLVANIA

PHOTOGRAPHY

SKYLAB 4

SKYLAB PROGRAM

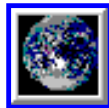
SNOW



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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: SL4-139-3932

File Name: 10076372.jpg

Film Type: 70mm

Date Taken: 01/06/74

Title: Minnesota, Iowa, Wisconsin and Mississippi river as seen from Skylab  
Description:

An snow-covered view of portions of the states of Minnesota, Iowa, and Wisconsin (45.0N, 91.0W), as seen from the Skylab space station in Earth orbit. The winding trail of the Mississippi river is clearly visible in the lower right corner of the the view. Also in the view are the Twin Cities of Minneapolis and St. Paul.

Subject terms:

EARTH OBSERVATIONS (FROM SPACE)

IOWA

MINNESOTA

ONBOARD ACTIVITIES

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RIVERS

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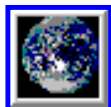
WISCONSIN



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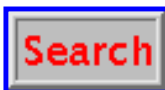


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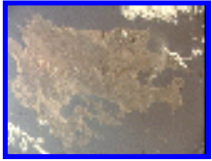
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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: SL4-139-3942

File Name: 10076373.jpg

Film Type: 70mm

Date Taken: 01/07/74

Title: View of Island of Kyushu, Japan from Skylab

### Description:

An oblique view of the Island of Kyushu, Japan (32.5N, 131.0E), as seen from the Skylab space station in Earth orbit. The plume from the volcano Sakurajima is clearly seen in this photograph. The volcano and its plume were observed several times by the Skylab crew. The plume was seen to stream out to the south or southeast and become increasingly diffuse away from the volcano. In this photograph, it extends about 80 kilometers (50 miles) east from the volcano. As the plume reached the open ocean east of Kyushu it changed direction, sometimes abruptly, and fanned out to the northeast.

### Subject terms:

EARTH OBSERVATIONS (FROM SPACE)

ISLANDS

JAPAN

ONBOARD ACTIVITIES

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PLUMES

SKYLAB 4

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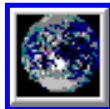
VOLCANOES



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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: SL4-139-3953

File Name: 10076374.jpg

Film Type: 70mm

Date Taken: 01/06/74

Title: Lake Superior as seen from Skylab

Description:

An snow-covered view of Lake Superior (45.5N, 90.5W), as seen from the Skylab space station in Earth orbit. The winding trail of the Mississippi river is clearly visible in the lower right corner of the the view. Also in the view are the Twin Cities of Minneapolis and St. Paul.

Subject terms:

EARTH OBSERVATIONS (FROM SPACE)

LAKES

ONBOARD ACTIVITIES

PHOTOGRAPHY

RIVERS

SKYLAB 4

SKYLAB PROGRAM

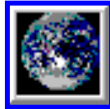
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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: SL4-139-3971                      File Name: 10076375.jpg  
Film Type: 70mm                                      Date Taken: 01/08/74  
Title: View of Island of Kyushu, Japan from Skylab

### Description:

An oblique view of the Island of Kyushu, Japan (32.0N, 132.0E), as seen from the Skylab space station in Earth orbit. The plume from the volcano Sakurajima is clearly seen in this photograph. The volcano and its plume were observed several times by the Skylab crew. The plume was seen to stream out to the south or southeast and become increasingly diffuse away from the volcano. In this photograph, it extends about 80 kilometers (50 miles) east from the volcano. As the plume reached the open ocean east of Kyushu it changed direction, sometimes abruptly, and fanned out to the northeast.

### Subject terms:

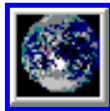
EARTH OBSERVATIONS (FROM SPACE)  
ISLANDS  
JAPAN  
ONBOARD ACTIVITIES  
PHOTOGRAPHY  
PLUMES  
SKYLAB 4  
SKYLAB PROGRAM  
VOLCANOES



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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: SL4-139-3989

File Name: 10076376.jpg

Film Type: 70mm

Date Taken: 02/01/74

Title: Portion of the Great Lakes area as seen from Skylab

Description:

An oblique view of a portion of the Great Lakes (43.0N, 70.0W) area as seen from the Skylab space station in Earth orbit. lake Erie is in the foreground; and Lake Ontario is in the background. The Niagara Falls area is in the center of the photograph. Portions of Pennsylvania, New York, and Ontario, Canada are visible, but under nearly complete snow cover. Major structural features, drainage patterns, road systems and the cities of Buffalo and Toronto are easily distinguished and actually enhanced by the snow. At the time this picture was taken, these two Great Lakes had no observable ice, although cloud formations partially mask the southern shores of the two bodies of water.

Subject terms:

EARTH OBSERVATIONS (FROM SPACE)

LAKES

ONBOARD ACTIVITIES

PHOTOGRAPHY

SKYLAB 4

SKYLAB PROGRAM

SNOW

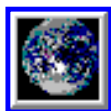
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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: SL4-139-3997

File Name: 10076377.jpg

Film Type: 70mm

Date Taken: 01/08/74

Title: Island of Hawaii, State of Hawaii seen from Skylab

Description:

A vertical view of the Island of Hawaii, State of Hawaii (19.5N, 155.5W), as photographed from the Skylab space station in Earth orbit by a Skylab 4 crewman. This photograph, taken on January 8, 1974, is very useful in studies of volcanic areas. Prominent volcanic features such as the summit caldera on Mauna Loa, the extinct volcano Mauna Kea, the Kilauea caldera, and the pit crater at Halo Mau Mau within the caldera are easily identified. Kilauea was undergoing frequent eruption during the mission. Detailed features such as the extent and delineation of historic lava flows on Mauna Loa can be determined and are important parameters in volcanic studies.

Subject terms:

EARTH OBSERVATIONS (FROM SPACE)

HAWAII

ISLANDS

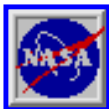
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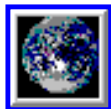
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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: SL4-139-4029

File Name: 10076378.jpg

Film Type: 70mm

Date Taken: 01/10/74

Title: State of Florida as seen from Skylab

Description:

An oblique view of the State of Florida (26.5N, 81.5W), looking northward up the peninsula, as photographed from the Skylab space station in Earth orbit by one of the Skylab 4 crewmen. This view shows almost the entire state, except the panhandle region. The Bahama Banks area appears in the southeast part of the picture as the light blue water. Andros Island in the Bahamas group is the island in the lower right corner. The Gulfstream flows between Florida and the Bahama Banks. A portion of Cuba is seen in the lower left corner of the picture.

Subject terms:

EARTH OBSERVATIONS (FROM SPACE)

FLORIDA

GULFS

ISLANDS

ONBOARD ACTIVITIES

PENINSULAS

PHOTOGRAPHY

SKYLAB 4

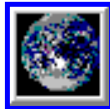
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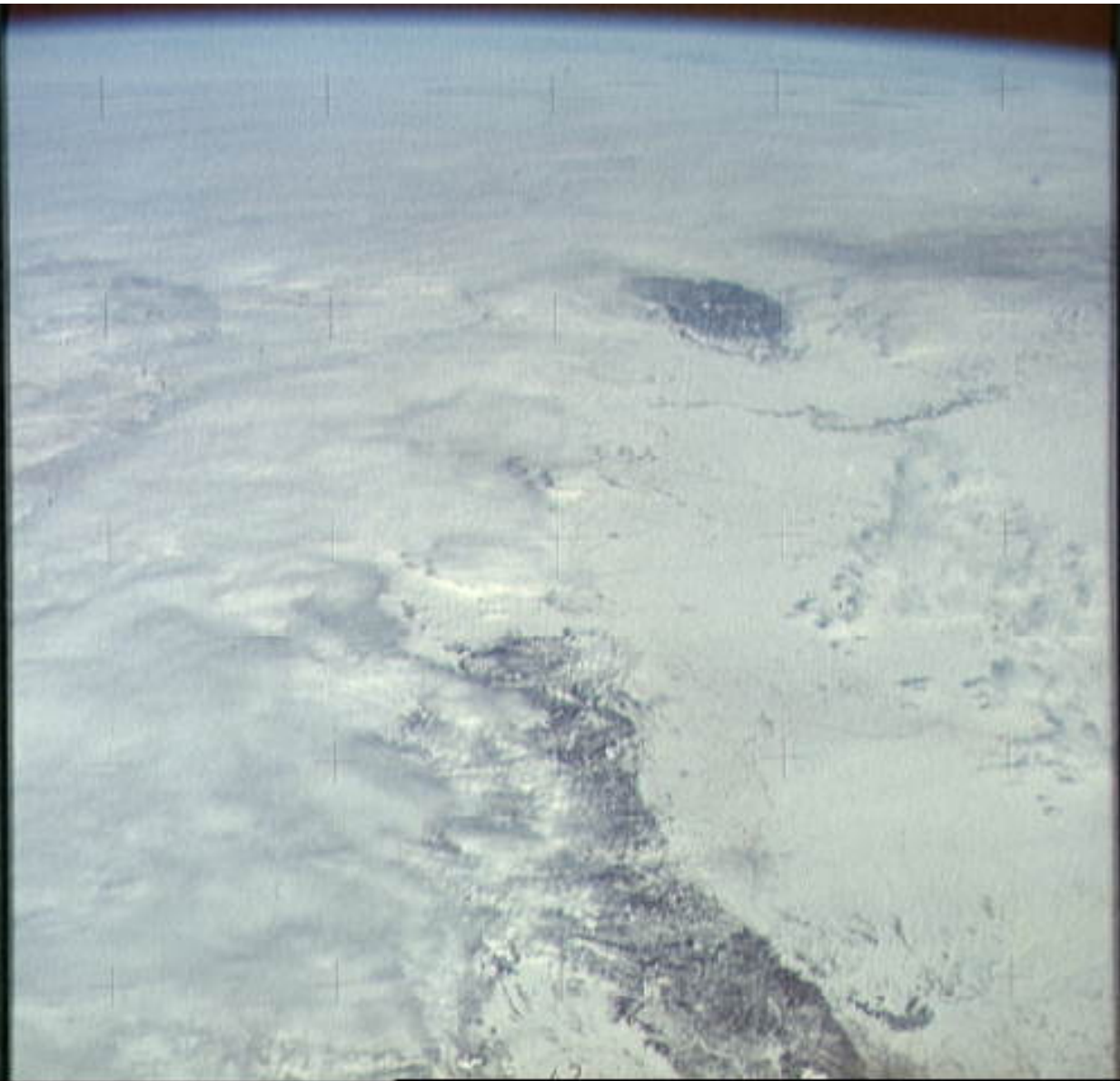
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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: SL4-139-4040

File Name: 10076379.jpg

Film Type: 70mm

Date Taken: 01/10/74

Title: View of portion of Western United States as seen by Skylab

### Description:

An oblique view of a portion of the Western United States (41.0N, 105.5W), as photographed from the Skylab space station in Earth orbit by one of the Skylab 4 crewmen. Stereo analysis will enable snow to be distinguished from clouds quantitatively. In a qualitative sense, the clouds are the fuzzy white, whereas the snow is distinct white. The area covered is from the Colorado Springs, Colorado area at the south to (and beyond) the Black Hills, South Dakota area. The Black Forest between Colorado Springs and Denver is evident as are the mountains west of these cities. South Park, west of Colorado Springs, and the South Platte River running north and east from Denver are two other conspicuous features.

### Subject terms:

COLORADO

EARTH OBSERVATIONS (FROM SPACE)

MOUNTAINS

ONBOARD ACTIVITIES

PHOTOGRAPHY

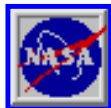
SKYLAB 4

SKYLAB PROGRAM

SNOW

SOUTH DAKOTA

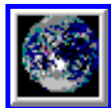
UNITED STATES



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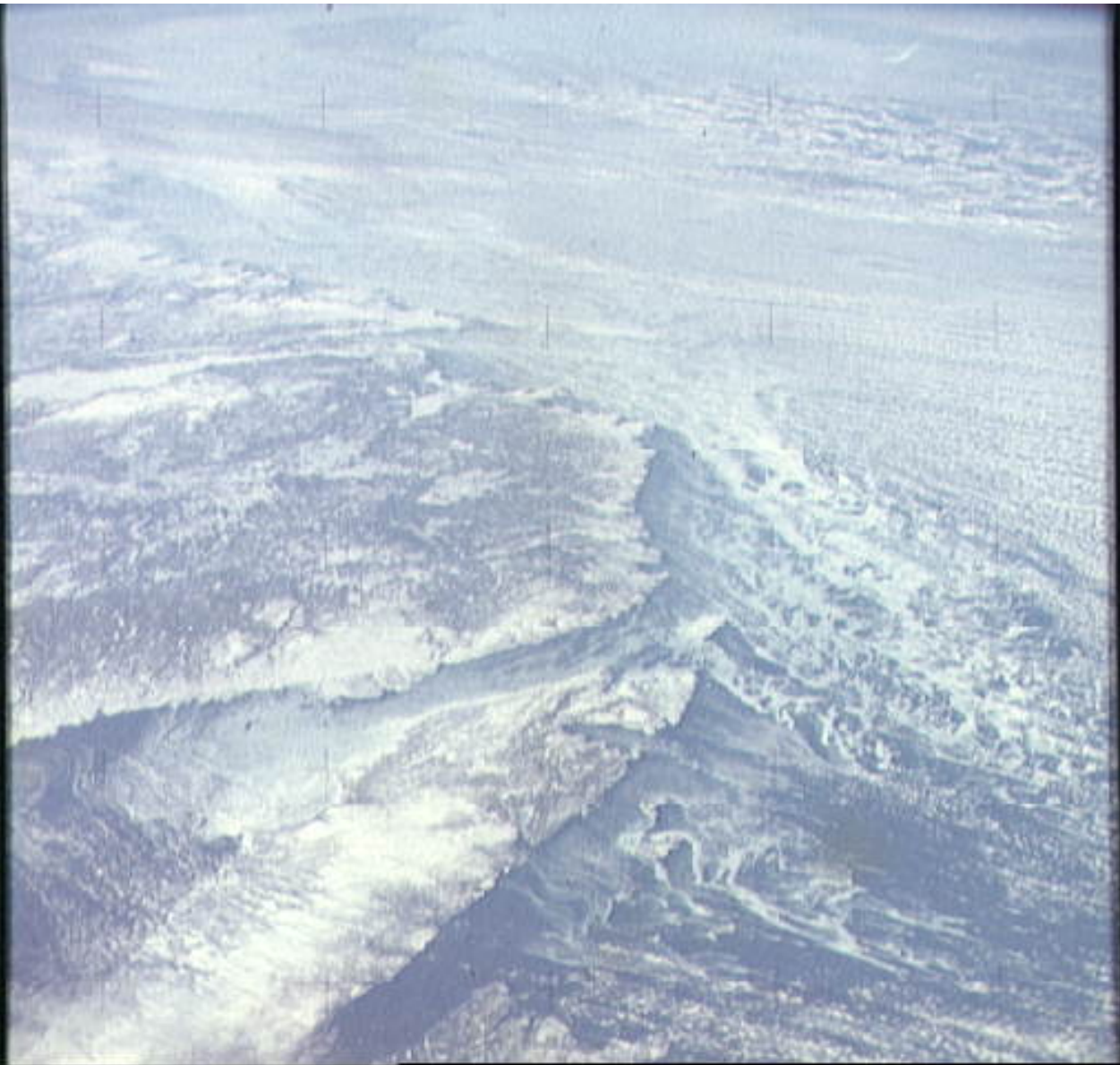
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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: SL4-139-4072

File Name: 10076380.jpg

Film Type: 70mm

Date Taken: 02/01/74

Title: North Atlantic coast of Canada from Skylab

Description:

A high-oblique view of the North Atlantic coast of Canada (52.5N, 56.5W) as seen from the Skylab space station in Earth orbit. The Strait of Belle Isle, near the center of the picture, separates the Island of Newfoundland from the Canadian mainland. The Strait also connects the Gulf of St. Lawrence with the North Atlantic Ocean. The elongated land mass (lower center) is the northernmost peninsula of the Island of Newfoundland. The large land mass at left center is mainland Newfoundland and Quebec. Note the sea ice in the Atlantic.

Subject terms:

ATLANTIC OCEAN

CANADA

COASTS

EARTH OBSERVATIONS (FROM SPACE)

ONBOARD ACTIVITIES

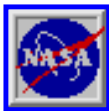
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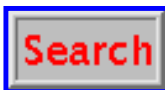


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## Press Release Images



NASA Photo ID: SL4-140-4110

File Name: 10076381.jpg

Film Type: 70mm

Date Taken: 01/01/74

Title: View of USSR, Siberia, Ozero, Kanka, Ussiriysk, Sea of Japan and Kavalerovo

Description:

View of the USSR, Siberia area from Skylab 4. Other areas seen are Ozero, Kanka, Ussiriysk, the Sea of Japan and Kavalerovo (45.5N, 135.5E).

Subject terms:

CITIES

EARTH OBSERVATIONS (FROM SPACE)

ONBOARD ACTIVITIES

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SEA OF JAPAN

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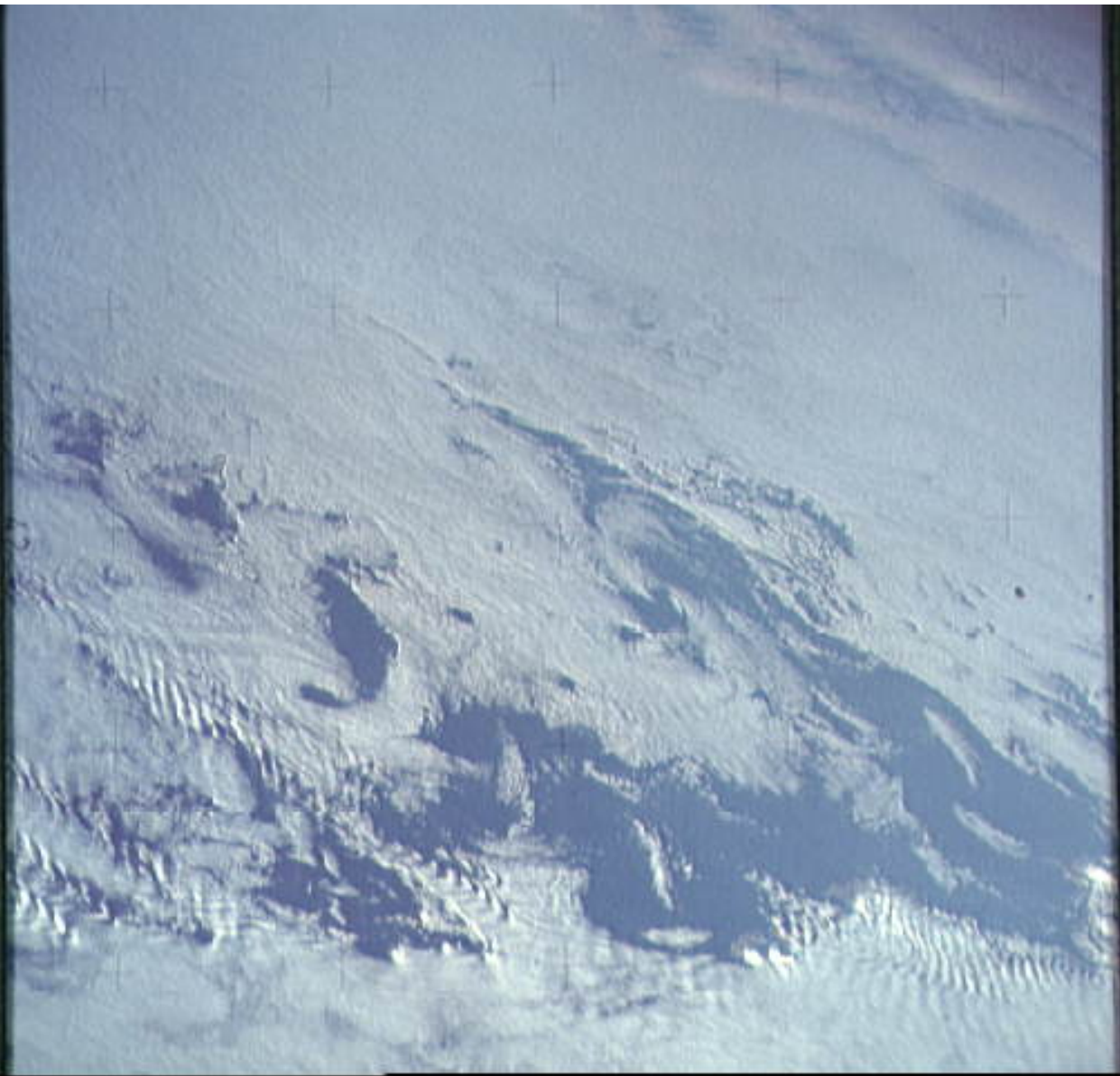
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Last Updated: February 23, 2000



# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: SL4-140-4111

File Name: 10076382.jpg

Film Type: 70mm

Date Taken: 01/14/74

Title: Aleutian Islands area of Alaska from Skylab

### Description:

The Aleutian Islands area of Alaska (54.0N, 170.0W), as photographed from the Skylab space station in Earth orbit by one of the Skylab 4 crewmen. The Aleutian Islands and clouds with very elaborate von Karman vortices was photographed on January 14, 1974. In addition to the vortices the waves in the clouds due to the mountains on the islands are very evident.

### Subject terms:

ALASKA

CLOUDS

EARTH OBSERVATIONS (FROM SPACE)

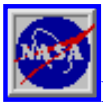
ISLANDS

ONBOARD ACTIVITIES

PHOTOGRAPHY

SKYLAB 4

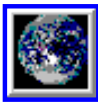
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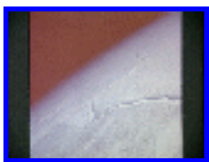
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Last Updated: February 23, 2000



# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: SL4-141-4316

File Name: 10076383.jpg

Film Type: 70mm

Date Taken: 01/20/74

Title: Ice formations in Canada's Hudson Bay as seen from Skylab

Description:

An oblique view of ice formations in Canada's Hudson Bay (59.0N, 91.0W), as photographed from the Skylab space station in Earth orbit by one of the Skylab 4 crewmen. The southwestern part of the bay is prominent with the Nelson River in Manitoba flowing into it. The ice formation along the southwest portion of Hudson Bay can be studied from the photographs such as this one. The buildup of ice along the windward shore (very white) followed by the clear water gap (dark) caused by the wind blowing the newly formed ice toward the opposite shore.

Subject terms:

BAYS

CANADA

EARTH OBSERVATIONS (FROM SPACE)

FORMATIONS

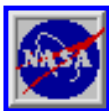
ICE

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PHOTOGRAPHY

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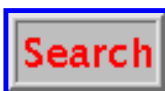


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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: SL4-141-4320

File Name: 10076384.jpg

Film Type: 70mm

Date Taken: 02/01/74

Title: Gulf of St. Lawrence area of Canada as seen from Skylab

### Description:

A vertical view of the Gulf of St. Lawrence area of Canada (50.0N,64.5W), as photographed from the Skylab space station in Earth orbit by one of the Skylab 4 crewmen. The elongated island is Anticosti Island which points toward the west. The largest land mass is the mainland of Quebec. The rounded coastline in the southwest corner of the photograph is Quebec's Gaspé Peninsula. The St. Lawrence River which drains the five Great Lakes empties into this body of water. Note the evidence of much ice and snow.

### Subject terms:

CANADA

EARTH OBSERVATIONS (FROM SPACE)

GULFS

ICE

ISLANDS

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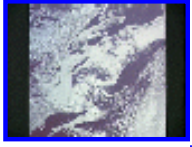
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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: SL4-141-4340

File Name: 10076385.jpg

Film Type: 70mm

Date Taken: 01/20/74

Title: Southern part of the Sea of Okhotsk, north of Japan

### Description:

An oblique view of the southern part of the Sea of Okhotsk, north of Japan, (45.0N,144.0E) as photographed from the Skylab space station in Earth orbit by one of the Skylab 4 crewmen. Most of the land area is Hokkaido Island, Japan. The southern tip of Sakhalin Island (Soviet Union) is in the northwest corner. This photograph was taken to aid in the study of the formation of sea ice. Observations in the Sea of Okhotsk are of interest because the ice has a morphology similar to that of the Bering Sea.

### Subject terms:

EARTH OBSERVATIONS (FROM SPACE)

ICE

ISLANDS

JAPAN

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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: SL4-142-4542

File Name: 10076386.jpg

Film Type: 70mm

Date Taken: 02/01/74

Title: Pacific Coast of Southern California including Los Angeles and San Diego

Description:

An oblique view of the Pacific Coast of Southern California (34.0N, 118.0W), including the Los Angeles and San Diego areas, as seen from the Skylab space station in Earth orbit. The visible coastline extends from San Diego northwesterly to Santa Barbara. The Mojave Desert occupies much of the photograph. This view also includes the Channel Islands off the coast. Note that the higher elevations of the mountains are covered with snow.

Subject terms:

CALIFORNIA

CITIES

COASTS

DESERTS

EARTH OBSERVATIONS (FROM SPACE)

ISLANDS

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SKYLAB 4

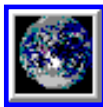
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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: SL4-142-4548

File Name: 10076387.jpg

Film Type: 70mm

Date Taken: 01/27/75

Title: Northwestern Mexico as photographed from Skylab

### Description:

An oblique view of northwestern Mexico (30.0N, 113.5W), as photographed from the Skylab space station in Earth orbit by one of the Skylab 4 crewmen. This photograph was taken on a seep down the coast to document the fault patterns of southern California and northwest Mexico. The specific reason for the picture was to see if the Agua Blanca Fault in Baja California extends to the east toward the Gulf of California. No such extension was found. The fault appeared to disappear into an area of sand and heavily eroded material that obscured any feature that might be present deeper. This area of sand and loose material is the light-colored area in the center of Baja at the extreme north part of the photograph.

### Subject terms:

COASTS

EARTH OBSERVATIONS (FROM SPACE)

FAULTS

MEXICO

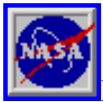
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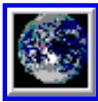
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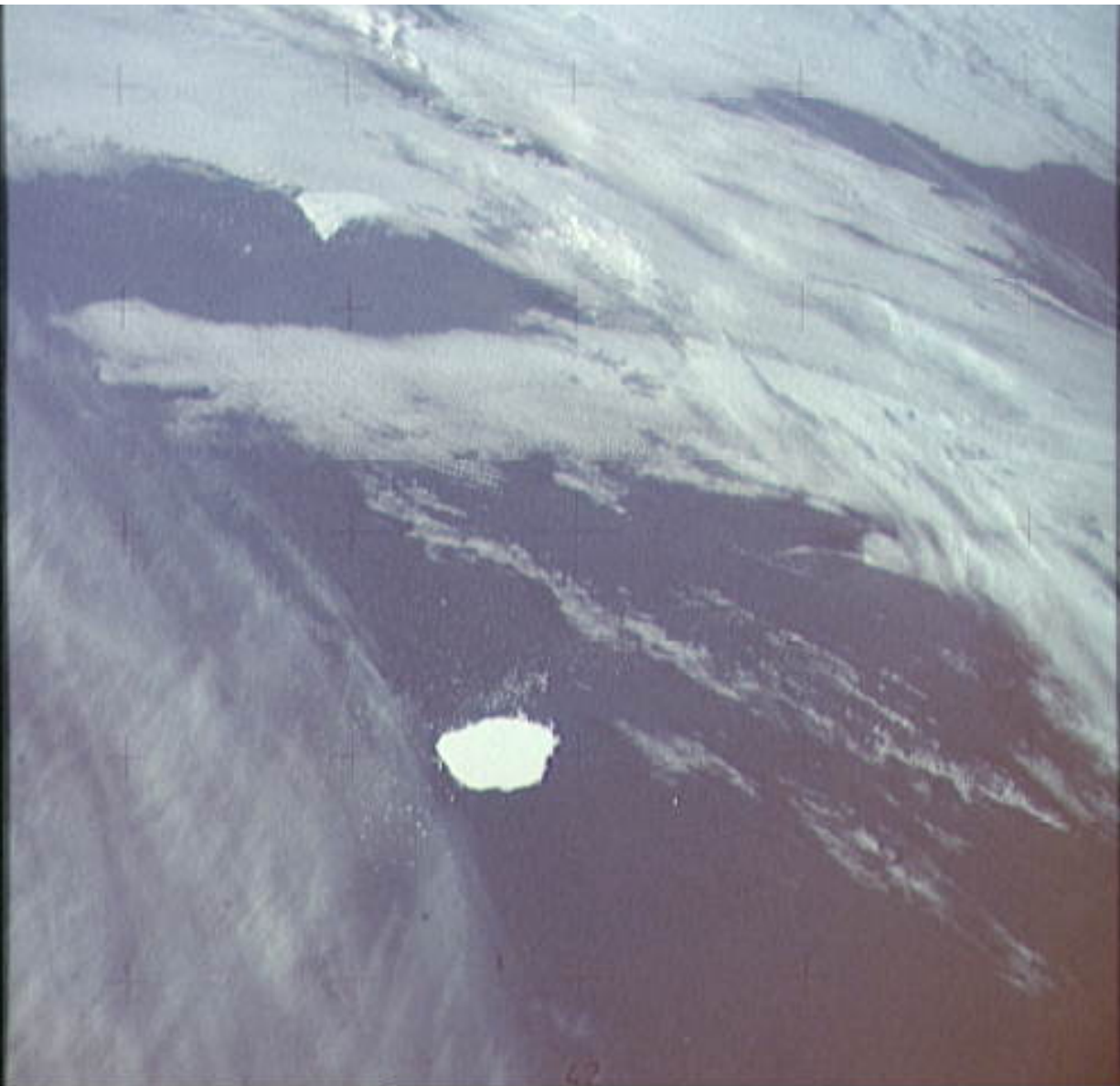
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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: SL4-142-4577

File Name: 10076388.jpg

Film Type: 70mm

Date Taken: 02/28/74

Title: South Georgia Island in the South Atlantic Ocean

Description:

Two large ice islands, in the vicinity of South Georgia Island in the South Atlantic Ocean, as photographed from the Skylab space station in Earth orbit by one of the Skylab 4 crewmen. One of the ice islands is partially obscured by clouds.

Subject terms:

ATLANTIC OCEAN

EARTH OBSERVATIONS (FROM SPACE)

ICE

ISLANDS

ONBOARD ACTIVITIES

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SKYLAB 4

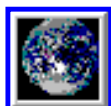
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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: SL4-143-4706

File Name: 10076407.jpg

Film Type: 70mm

Date Taken: 02/08/74

Title: View of Skylab space station cluster in Earth orbit from CSM

### Description:

An overhead view of the Skylab space station cluster in Earth orbit as photographed from the Skylab 4 Command and Service Modules (CSM) during the final fly-around by the CSM before returning home. The space station is contrasted against a cloud-covered Earth. Note the solar shield which was deployed by the second crew of Skylab and from which a micrometeoroid shield has been missing since the cluster was launched on May 14, 1973. the OWS solar panel on the left side was also lost on workshop launch day.

### Subject terms:

EARTH (PLANET)

EARTH OBSERVATIONS (FROM SPACE)

ONBOARD ACTIVITIES

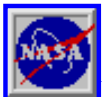
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NASA Technical Monitor: [Scott Norr](#)



# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: SL4-143-4707

File Name: 10076408.jpg

Film Type: 70mm

Date Taken: 02/08/74

Title: View of Skylab space station cluster in Earth orbit from CSM

### Description:

An overhead view of the Skylab space station cluster in Earth orbit as photographed from the Skylab 4 Command and Service Modules (CSM) during the final fly-around by the CSM before returning home. The space station is contrasted against a cloud-covered Earth. Note the solar shield which was deployed by the second crew of Skylab and from which a micrometeoroid shield has been missing since the cluster was launched on May 14, 1973. the OWS solar panel on the left side was also lost on workshop launch day.

### Subject terms:

EARTH (PLANET)

EARTH OBSERVATIONS (FROM SPACE)

ONBOARD ACTIVITIES

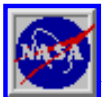
ORBITAL SPACE STATIONS

ORBITS

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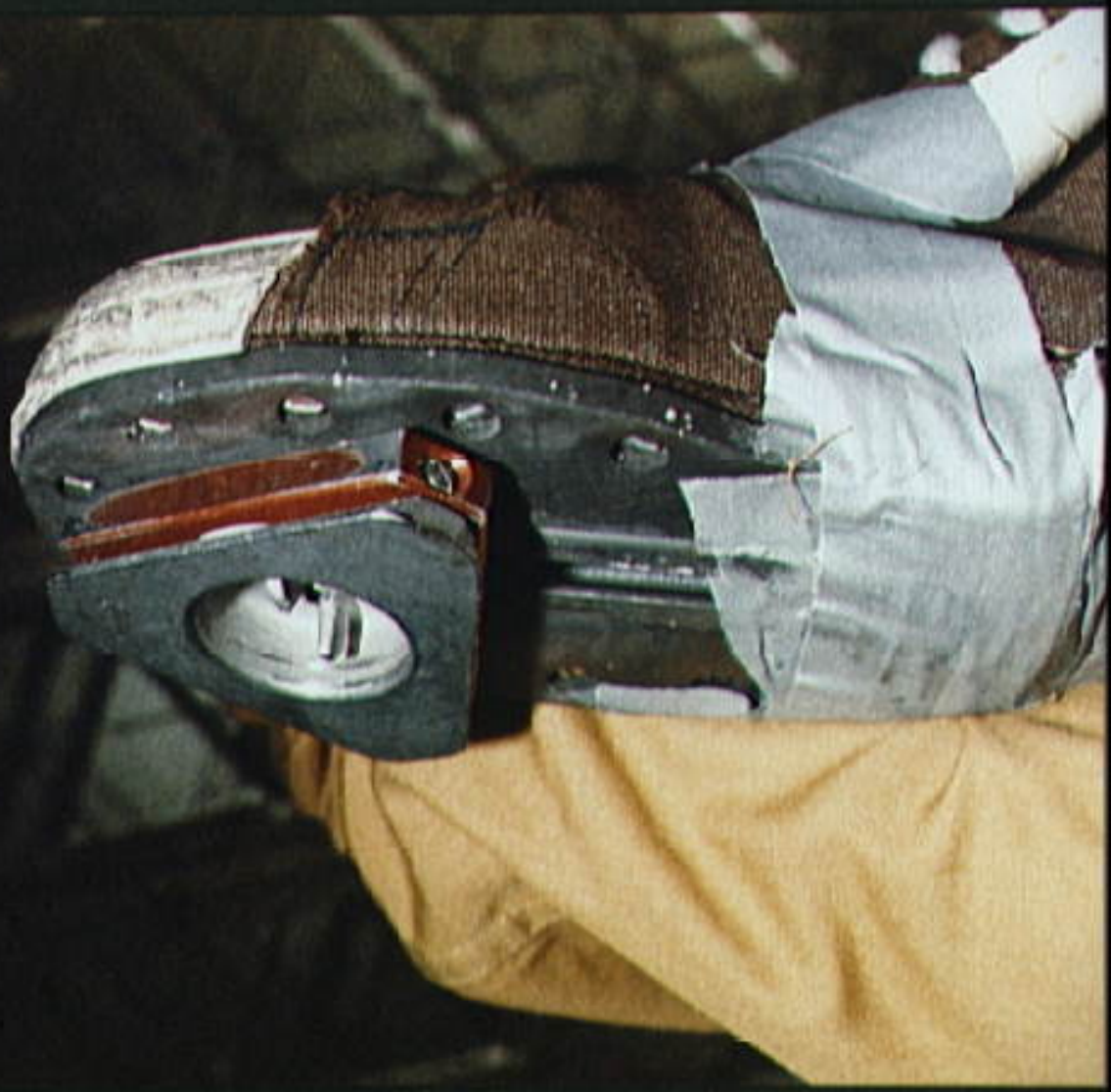
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NASA Technical Monitor: [Scott Norr](#)



# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: SL4-149-5036

File Name: 10076340.jpg

Film Type: 70mm

Date Taken: 02/01/74

Title: View of triangle-shaped cleat on bottom of astronauts shoe

Description:

View of triangle-shaped cleat taped on the bottom of a Skylab 4 astronauts shoe.

Subject terms:

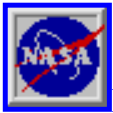
ASTRONAUTS

SHOES

SKYLAB 4

SKYLAB PROGRAM

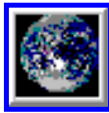
WEIGHT (MASS)



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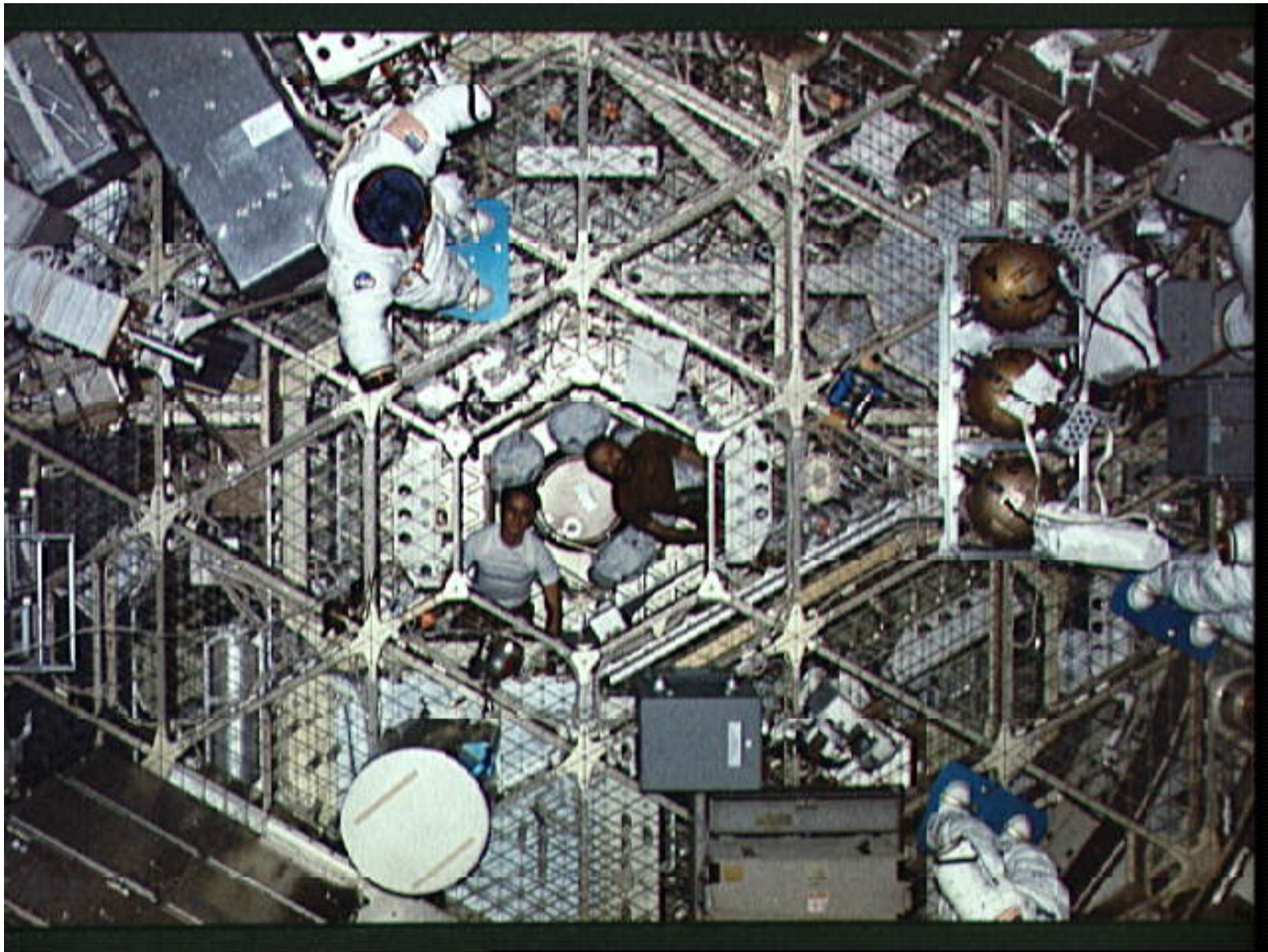
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Last Updated: February 23, 2000





# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: SL4-150-5062

File Name: 10076344.jpg

Film Type: 70mm

Date Taken: 02/01/74

Title: View from airlock hatch looking down length of Orbiting Workshop

Description:

Photograph taken from the hatch into the airlock module looking the length of the Skylab Orbital Workshop. Skylab 4 Scientist-Astronaut Edward G. Gibson, science pilot, and Astronaut Gerald P. Carr, commander, look up the passageway with trash bags around them.

Subject terms:

AIR LOCKS

ASTRONAUTS

ORBITAL SPACE STATIONS

PHOTOGRAPHY

SKYLAB 4

SKYLAB PROGRAM

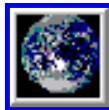
WASTE DISPOSAL



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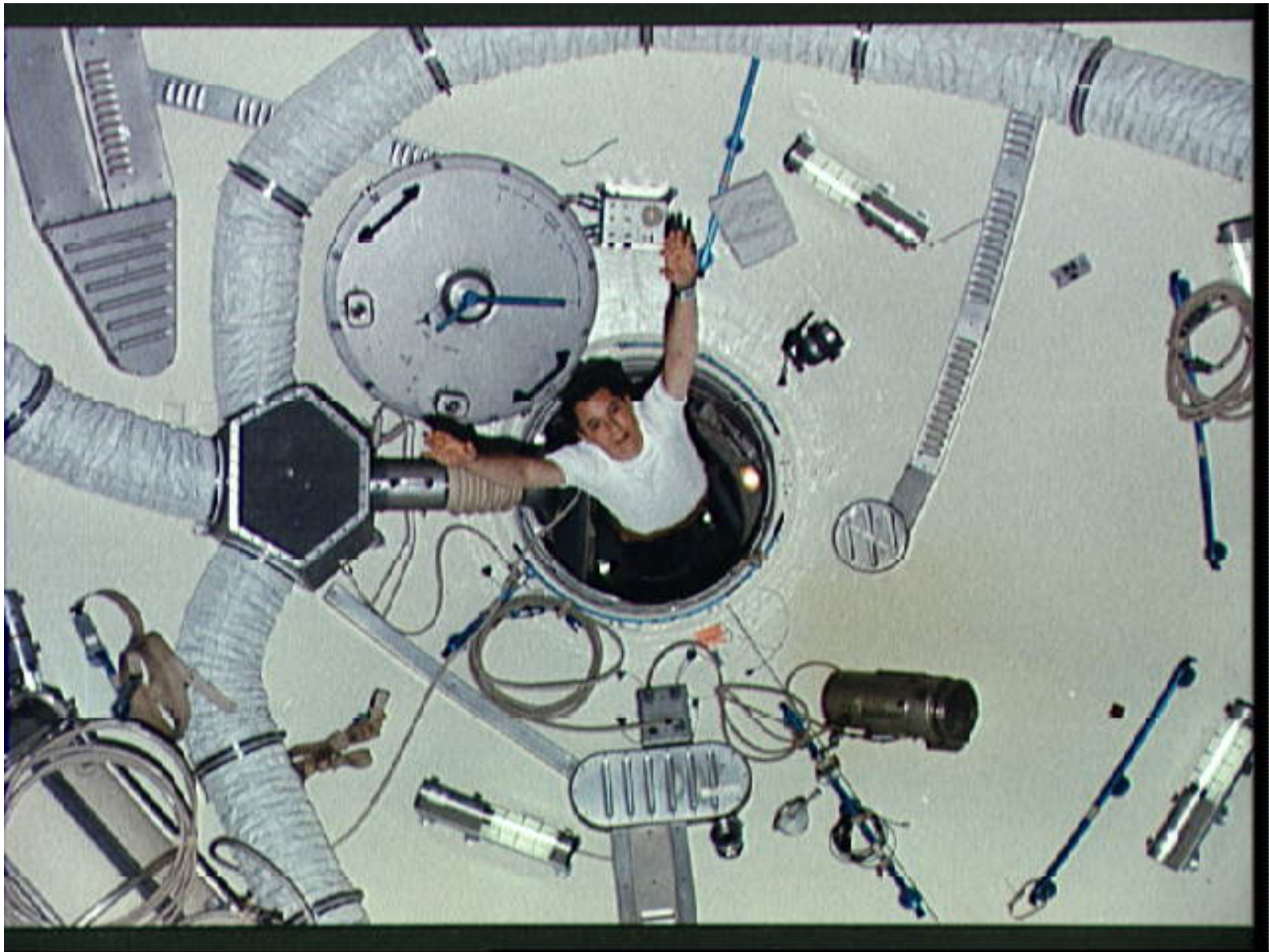
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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: SL4-150-5074

File Name: 10076343.jpg

Film Type: 70mm

Date Taken: 02/01/74

Title: Astronaut Edward Gibson sails through airlock module hatch

Description:

Scientist-Astronaut Edward G. Gibson, science pilot for the Skylab 4 mission, demonstrates the effects of zero-gravity as he sails through airlock module hatch.

Subject terms:

AIR LOCKS

ASTRONAUTS

HATCHES

MODULES

SKYLAB 4

SKYLAB PROGRAM

ZERO GRAVITY



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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: SL4-150-5075

File Name: 10076342.jpg

Film Type: 70mm

Date Taken: 02/01/74

Title: Astronaut Gerald Carr floats in forward dome area

Description:

Astronaut Gerald P. Carr, commander for the Skylab 4 mission, demonstrates the effects of zero-gravity as he floats in the forward dome area of the Orbital Workshop of the Skylab space station while in Earth orbit.

Subject terms:

ASTRONAUTS

MODULES

ORBITAL SPACE STATIONS

SKYLAB 4

SKYLAB PROGRAM

ZERO GRAVITY



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Last Updated: February 23, 2000



# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: SL4-150-5080

File Name: 10076341.jpg

Film Type: 70mm

Date Taken: 02/01/74

Title: Astronauts Carr and Pogue demonstrate weight training in zero-gravity

Description:

Astronaut Gerald P. Carr, commander for the Skylab 4 mission, jokingly demonstrates weight training in zero-gravity as he balances Astronaut William R. Pogue, pilot, upside down on his finger.

Subject terms:

ASTRONAUTS

ORBITAL SPACE STATIONS

PHYSICAL EXERCISE

PUBLIC RELATIONS

SKYLAB 4

SKYLAB PROGRAM

ZERO GRAVITY



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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: SL4-92-300

File Name: 10076389.jpg

Film Type: 70mm

Date Taken: 02/01/74

Title: Mobile Bay, Alabama area seen in Skylab 4 Earth Resources Experiment Package

### Description:

A near vertical view of the Mobile Bay, Alabama area seen in this Skylab 4 Earth Resources Experiment Package S190-B (five-inch earth terrain camera) photograph taken from the Skylab space station in earth orbit. North of Mobile the Tombigbee and Alabama Rivers join to form the Mobile River. Detailed configuration of the individual stream channels and boundaries can be defined as the Mobile River flows into Mobile Bay and into the Gulf of Mexico. The Mobile River Valley with its numerous stream channels is a distinct light shade in contrast to the dark green shade of the adjacent areas. The red coloration of Mobile Bay reflects the sediment load carried into the bay by the rivers. The westerly movement of the shore currents at the mouth of Mobile Bay is shown by the contrasting light blue of the sediment-laden current the the blue of the Gulf. Agricultural areas east and west of Mobile Bay are characterized by a rectangular pattern in green to white shades. Color variations may reflect the type and growth cycle of crops. Agricultural areas (light grays-greens) are also clearly visible in other parts of the photograph. Interstate 10 extends from near Pascagoula, Mississippi eastward through Mobile to the outskirts of Pensacola, Florida.

### Subject terms:

AGRICULTURE

ALABAMA

BAYS

CAMERAS

CITIES

EARTH OBSERVATIONS (FROM SPACE)

EARTH RESOURCES

INFRARED DETECTORS

ONBOARD ACTIVITIES

PHOTOGRAPHY

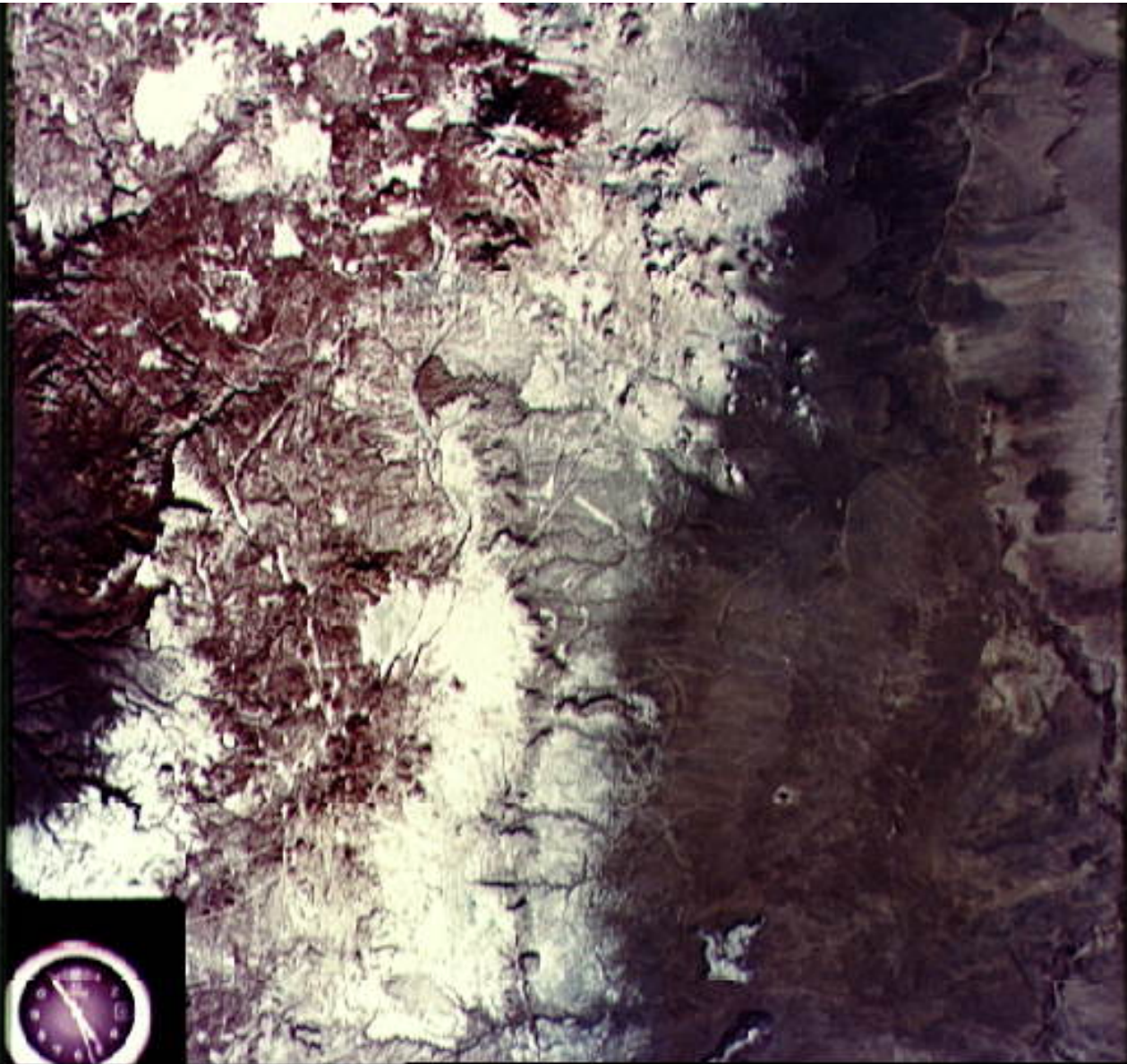
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SPACEBORNE EXPERIMENTS

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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: SL4-93-067

File Name: 10076390.jpg

Film Type: 70mm

Date Taken: 02/01/74

Title: Flagstaff, Arizona seen in Earth Resources Experiments package

Description:

A spectacular winter view of the Flagstaff, Arizona area is seen in this Skylab 4 Earth Resources Experiments package S190-B (five-inch earth terrain camera) infrared photograph taken from the Skylab space station in Earth orbit. Included in the scene are the San Francisco Mountains, Oak Creek Canyon, Painted Desert and Meteor Crater. The infrared picture depicts in red living vegetation, in white the snow, and in bright blue the water. Major features identified in this photograph are Humphrey's peak, top center, Flagstaff at foot of the peak, Sunset Crater volcanic field with numerous vents and craters right of Flagstaff and Meteor Crater (right center). Within the mountainous areas several clear areas generally rectangular are visible and represent the areas where lumbering has removed the forest. The thin white line extending from left corner to Sunset Crater fields is the power transmission line cleared area. Roads are subdued and are not easily visible.

Subject terms:

ARIZONA

CITIES

EARTH OBSERVATIONS (FROM SPACE)

ONBOARD ACTIVITIES

PHOTOGRAPHY

RIVERS

SKYLAB 4

SKYLAB PROGRAM

SPACEBORNE EXPERIMENTS

TOPOGRAPHY

ULTRAVIOLET PHOTOGRAPHY

VEGETATION



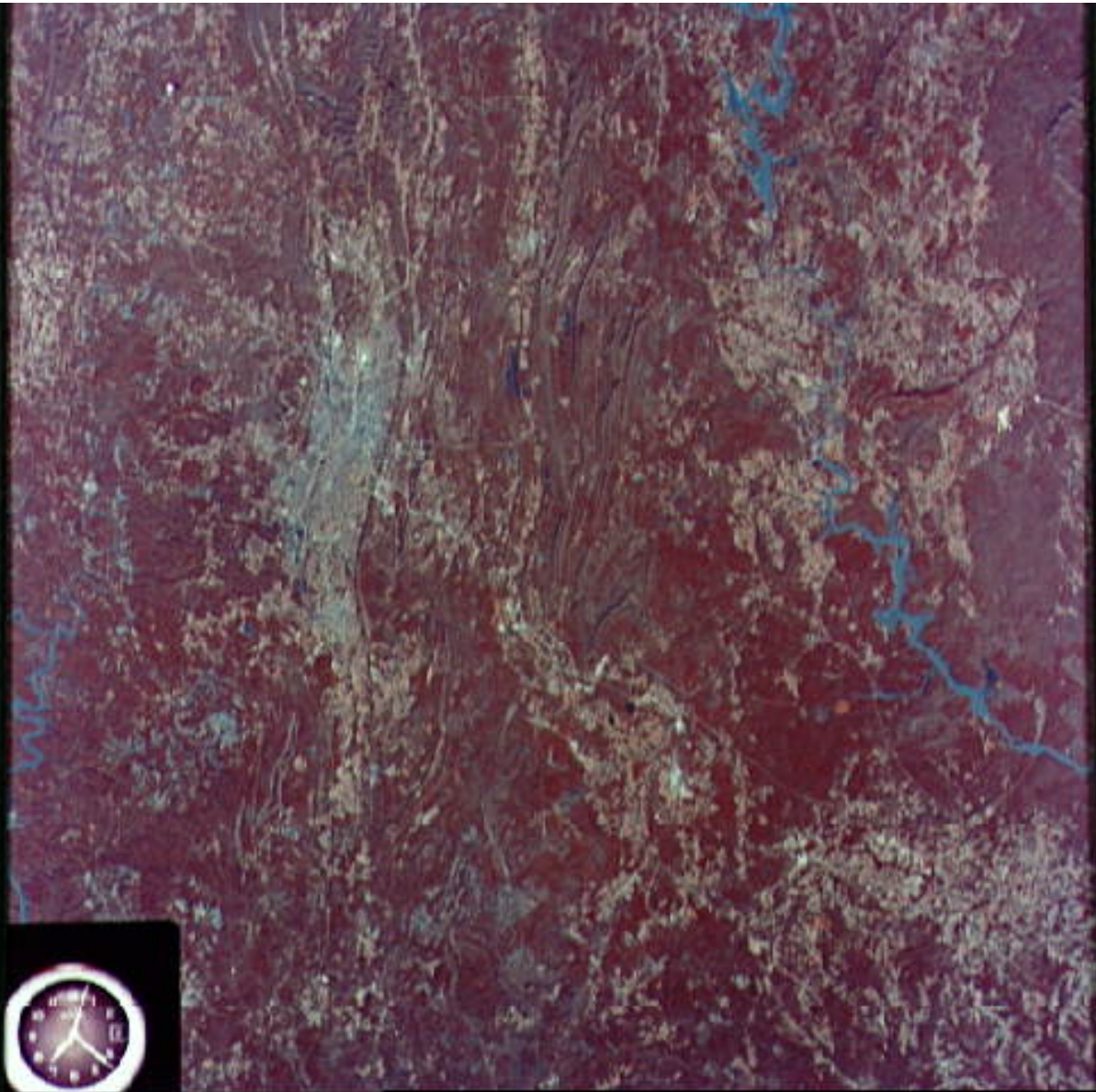
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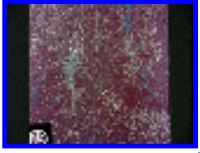


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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: SL4-93-153

File Name: 10076391.jpg

Film Type: 70mm

Date Taken: 02/01/74

Title: Birmingham and central Alabama area seen in Earth Resources Exp. Package  
Description:

A vertical view of the Birmingham and central Alabama area is seen in this Skylab 4 Earth Resources Experiment Package S190-B (five-inch earth terrain camera) infrared photograph taken from the Skylab space station in Earth orbit. The Birmingham industrial complex, with a population of nearly 850,000, is the light gray area nestled in the valley between the northeast-trending ridges that are prominent topographic features in the southern Appalachian Mountains. The narrow ridges and adjacent valleys reflect folded and faulted sedimentary rocks. Bankhead lake, formed by a dam on the Black Warrior River, appears as bright blue west of Birmingham. Two lakes are formed by dams on the Goosa River East of Birmingham. Federal and state highways appear as thin white lines and are easily identified. Power line clearings are visible in the center of the picture along the Goosa River, and can be traced northwestward to northern parts of Birmingham. The predominant deep red color of the picture is due to the reflections from living vegetation. In contrast are the light tan areas that commonly occur as rectangular patterns in the east part of the photograph and represent mature agricultural crops or grazing lands.

Subject terms:

ALABAMA

CAMERAS

CITIES

EARTH OBSERVATIONS (FROM SPACE)

EARTH RESOURCES

INFRARED DETECTORS

MOUNTAINS

ONBOARD ACTIVITIES

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VALLEYS

VEGETATION

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# JSC Digital Image Collection

## Press Release Images



NASA Photo ID: SL4-93-167

File Name: 10076392.jpg

Film Type: 70mm

Date Taken: 02/01/74

Title: Kennedy Space Center and the Florida Atlantic coast area

### Description:

A vertical view of the Kennedy Space Center and the Florida Atlantic coast area is seen in this Skylab 4 Earth Resources Experiments Package S190-B (five-inch earth terrain camera) infrared photography taken from the Skylab space station in Earth orbit. This photograph shows the major land-ocean features of the Florida coast from near Vero Beach northward to Cape Canaveral and the KSC complex. The launch pads for the Skylab missions are clearly visible. Various shades of red portray differences in the vegetation such as shown in the patterns in the agricultural area near Vero Beach. At KSC, the nearly continuous and uniform red color shows that most of the land areas are heavily vegetated. The white coastal beach areas are strongly contrasted to the red land and the blue Atlantic Ocean. Old dunal areas in KSC are visible on Merritt Island which is separated from the Launch areas by the Banana River and from the mainland by the Indian River. Federal and state highways and numerous causeways over the rivers are easily identified. The Florida mainland is partly shadowed by small white clouds which cast a pronounced shadow to the east of each cloud indicating the Sun is west of solar noon.

### Subject terms:

ATLANTIC OCEAN

COASTS

EARTH OBSERVATIONS (FROM SPACE)

EARTH RESOURCES

FLORIDA

INFRARED PHOTOGRAPHY

KENNEDY SPACE CENTER

ONBOARD ACTIVITIES

PHOTOGRAPHY

SKYLAB 4

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SPACEBORNE EXPERIMENTS

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