

**CENTER SERIES**  
**ROBERT PARKER FILES**

Dr. Robert Parker graduated with a Ph.D in astronomy from the California Institute of Technology in 1962. Before his selection as a scientist astronaut by NASA in 1967, he held a position as associate professor of astronomy at the University of Wisconsin. After completing the initial astronaut training program, Dr. Parker was appointed to the support crew for Apollo 15 and Apollo 17. In this capacity he was responsible for maintaining and coordinating flight data files and mission contingency operations. As mission scientist for Apollo 17, he acted as a liaison between the flight crew and the principal investigators for various mission experiments. This collection contains a large number of mission documents and checklists for these two missions. Also included are individual files containing notes, correspondence, meeting minutes, procedures and other miscellaneous materials regarding individual experiments. It appears also that Dr. Parker participated in Apollo 17 mission reviews and became a member of the Ad Hoc Committee for Mission Planning that examined hardware and operational requirements for lunar orbital and lunar surface timelines. Documents from his collection that did not contain personal annotation were often incorporated in the existing Apollo collections. His Apollo experience led quite naturally into his role as Program Scientist for Skylab. Once again he was called upon to coordinate, and in some cases compromise, the activities of the flight and ground crews with the desires of the scientists whose experiments were carried aboard the OWS and ATM. Familiarity with the operations staff and with the scientific community made him sensitive to the requirements of both groups. Skylab materials in the collection include FAO (Flight Activities Officer) daily status reports, summary timelines, daily mission reports, and flight plans. Notes and correspondence regarding specific experiments are also abundant. Researchers interested in the efforts to observe Comet Kohoutek and in the design of the Skylab parasol after the shroud failure of Skylab 1 would do well to consult this collection. Also prominent in the collection are materials related to the ASSESS program. The program (Airborne Science / Shuttle Experiments Systems Simulations) was initiated in 1972 to evaluate and document management and operational practices developed by the Ames Research Center Airborne Science Office (now the Medium Altitude Missions Branch) as these practices might apply to Spacelab. The program was a joint venture between NASA and ESRO. ASSESS II involved five simulation flights, four with an ASO Lear Jet, and one with a CV-990 aircraft. Parker's files on this program begin with introductory papers that explain what ASSESS is. Documents on ASSESS I follow in chronological order. Experiments proposed and done on ASSESS I are filed next in no particular order. Papers related to trips to Milan and Poland are filed before ASSESS II documents, also arranged chronologically. The ASSESS II mission was from May 16 - 25, 1977. There are many personal notes and memos by Parker interspersed throughout this section. Some have been given separate files in the sequence in order to highlight them. Following the ASSESS materials are a large number of documents related to the ASTRO-1 mission. This mission consisted of three specially designed ultra-violet telescopes that use ultraviolet light to study stars and galaxies. Another aspect of the mission would be observation of Halley's comet. Dr. Parker was one of three mission specialists assigned for the flight, which was originally scheduled for March 1986, but due to the Challenger disaster, was postponed until December 1990. The preliminary material is comprised of various research documents on payload requirements and mission descriptions provided in news releases concerning the selection of payload specialists. Materials and documents on the three experiments; 1) Hopkins Ultraviolet Telescope (HUT), 2) Ultraviolet Imaging Telescope (UIT), and 3) Wisconsin Ultraviolet Photopolarimetry Experiment, are each filed in chronological order. Other instruments included in the mission, like the Wide Field Camera (WFC) and the Image Motion Compensation System (IMCS), are also filed chronologically. Joint Operations documents, Payload Flight Data papers, training documents, and miscellaneous papers follow in chronological order. Personal notebooks kept by Dr. Parker from January 1984 through January 1986 on this mission, as well as telemail transmissions from the same period are inserted here. Documents concerning STS61-E and bound ASTRO-1 documents (including JSC and MSFC numbers) are listed chronologically. Finally, meeting related to Halley's comet, OSS, and the ASTRO Investigator's Working Group are chronologically filed. Dr. Parker was selected and a mission specialist on the crew of STS-9/Spacelab-1 which launched on November 28, 1983. From March 1988 to March 1989, he served as Director of the Space Flight / Space Station Integration Office in NASA Headquarters. The office was tasked with facilitating the integration of the Space Station and its unique requirements into the Space Transportation System. The office coordinated the exchange of information between the two programs and served as a forum for resolving technical and programmatic issues. After completing this temporary assignment, Parker returned to JSC to train as a mission specialist on the crew of STS-35 which eventually would launch the ASTRO-1 astronomy laboratory. This major international cooperative effort was launched in December of 1990. The collection is strongest in materials related to Dr. Parker's activities at JSC. There is, however, a section of papers devoted to astronomical research and papers written by Dr. Parker between 1958 - 1978. Most of this research has nothing to do with NASA per se, but reflects the professional astronomical interests of Dr. Parker. Since much of this material is understandable only to astronomers and since Dr. Parker has kept research materials related to certain articles in close proximity to each other, this section of his papers have not been arranged chronologically. The first 15 - 20 files deal with research leading up to the article "The (NII) Ha Ratio in NGC 6888," published in 1978. The NGC 6888 star group appears to have been Dr. Parker's area of specialization. Research and drafts of approximately 6 other articles follow. This section also includes a copy of Dr. Parker's 1958 honors thesis in astronomy.

Materials in the collection are arranged by broad subject areas. These subjects are noted in the inventory and on the box labels.

### Inventory

<b>SubHeading:</b>	<b>Box Number: 01</b>	
APOLLO 15	Apollo 15 LM-10 Displays and Controls Photographs	1969 - 1970
APOLLO 15	Apollo 15 LM-9 D/S Crew Compartment Fit and Functional (annotated)	March 27, 1970
APOLLO 15	Grumman, LM-10 D/S Crew Compartment Fit and Functional Board Meeting	October 2, 1970
APOLLO 15	LM-10 Phase III CARR Board Meeting Minutes	October 8, 1970
APOLLO 15	Grumman, LM-10 Phase III CARR	October 8, 1970
APOLLO 15	LM-10 / LRV-1 Crew Fit and Functional	December 1970 - June 1971
APOLLO 15	Robert Parker Apollo 15 LM-9 Notebook (handwritten with typescript materials attached)	1970
<b>SubHeading:</b>	<b>Box Number: 02</b>	
APOLLO 15	Apollo 15 Correspondence	1970 - 1971, n.d.
APOLLO 15	LM-10 / Apollo 15 Schedules	1970 - 1971
APOLLO 15	LM-10, LM Project Engineering Division Weekly Activity Reports	1970 - 1971
APOLLO 15	LM AGS (Apollo Guidance System) Operating Manual, Flight Program 8 (Apollo 15)	March 1971
APOLLO 15	Apollo 15 / LM-10 Altitude Chamber Tests	March - April 1971
APOLLO 15	Apollo 15 (LM-10 / CSM-112 / LRV-1) Daily SCO Status	March - July 1971
APOLLO 15	Apollo 15 Crew Activity Planning Guide	April - July 1971
APOLLO 15	MSC-04279, Apollo Mission Techniques, Mission J-1, Lunar Orbit Activities (Apollo 15)	May 26, 1971
<b>SubHeading:</b>	<b>Box Number: 03</b>	
APOLLO 15	MSC-04367, Separation Procedures for Apollo 15 (Mission J-1) and Subsequent Nominal, Alternate, and Abort Missions	June 10, 1971
APOLLO 15	MSC Internal Note No. 04388, LM Rendezvous Procedures, J-1 Mission, Final	June 16, 1971
APOLLO 15	LM-10 / AS-15 Flight Readiness Review	June 1971
APOLLO 15	LM-10 Crew Log - Apollo 15	July 6, 1971
APOLLO 15	MSC-0410, MSPD (Mission Science Planning Documents) Revision Sheets for Apollo 15	July 12, 1971
APOLLO 15	71-FM-208, Separation Procedures for Apollo 15 (Mission J-1) and Subsequent Nominal, Alternate and Abort Missions, Amendment 1	July 15, 1971
APOLLO 15	Robert Parker LM-10 Notebook, (handwritten with typescript materials attached)	c. 1971
APOLLO 15	LM-10 Crew Compartment Storage Review and Mobility Test Photographs	n.d.
APOLLO 15	Hadley-Apennine Landing Site, Apollo 15 Geologic Map Explanation (USGS)	n.d.
APOLLO 15	FP8 - Apollo 15 Crew Briefing Charts (procedures changes)	n.d.

<b>SubHeading:</b>	<b>Box Number: 04</b>	
APOLLO 17	Apollo 17 Site Selection (related correspondence)	1971 - 1972, n.d.
APOLLO 17	Apollo 17 Activity Planning Guides (schedules - including capcom)	1971 - 1972
APOLLO 17	Apollo 17 Console Sheets (references)	1971 - 1972, n.d.
APOLLO 17	Apollo 17 related correspondence	1971 - 1972, n.d.
APOLLO 17	Apollo 17 TAR (Training Analysis Reports)	May - October 1972
APOLLO 17	Apollo 17 Record (handwritten journal)	1972
<b>SubHeading:</b>	<b>Box Number: 05</b>	
APOLLO 17	Apollo 17 Star Charts	1972
APOLLO 17	Apollo 17 Portable Life Support System (PLSS), Oxygen Purge System (OPS), Buddy Secondary Life Support System (BSLSS) Briefing (with supporting materials and handwritten notes)	c. 1972
APOLLO 17	Muehlberger, William R. and Wolfe, Edward W., "The Challenge of Apollo 17" in 'American Scientist'	December 1973
APOLLO 17 EVA	Reynolds, P.E., "Review of the EVA Contingency Walkback Capability for Apollo 17", Bell Laboratories	August 22, 1972
APOLLO 17 EVA	Taylor, G. S. and Watson, S. B.; "A Computer - Generated Panorama from the Apollo 17 LM Landing Site", Bell Laboratories	August 31, 1972
APOLLO 17 EVA	Klassen, K. P., "Effects of Higher Than Predicted PLSS Consummables Usage Rates on Apollo 17 EVAs," Bell Laboratories	September 15, 1972
APOLLO 17 EVA	Taylor, G. S.; Troesler, R. and Watson, S. B., "Computer Generated Views of the Taurus - Littrow Landing Area from the LM Just After Hi-Gate and From the LM Windows after Landing," Bell Laboratories	October 3, 1972
APOLLO 17 EVA	Connor, H. F., "Perception and Negotiation of the Scarp at Taurus-Littrow," Bell Laboratories	October 12, 1972
APOLLO 17 EVA	Troester, R. and Watson, S. B., "Difference in Perspective between the LMS - LRV Trainer Display and the Expected Actual Apollo 17 Traverse", Bell Laboratories	October 18, 1972
APOLLO 17 EVA	Head, J. W., "Morphology and Structure of the Taurus-Littrow Highlands (Apollo 17): Evidence for their Origin and Evolution," Bell Laboratories	November 1, 1972
APOLLO 17 EVA	Taylor, G. S. and Watson, S. B., "Computer Generated Panoramas of the Taurus-Littrow Area," Bell Laboratories	November 6, 1972
APOLLO 17 EVA	Apollo 17 EVA I Timelines, Field Geology Investigation Team Report, Traverse Maps	1972, n.d.
APOLLO17 EVA	Apollo 17 Lunar EVA II, EVA Plan, procedural changes, task lists, Field Geology Investigation Team Report, traverse maps (heavily annotated)	1972, n.d.
APOLLO 17 EVA	Apollo 17 Lunar EVA III, EVA Plan, procedural changes, task lists, Field Geology Investigation Team Report, traverse maps (heavily annotated)	1972, n.d.
APOLLO 17 EVA	Schmitt, Harrison H., "Apollo 17 Report on the Valley of Taurus-Littrow" from	November 16, 1973

'Science' (with note to Parker)

**SubHeading:**

**Box Number: 06**

APOLLO 17 EXPERIMENTS	Apollo 17 Lunar Ejecta and Meteorites Experiments (LEAM proposal, procedures, notes, related papers)	1969 - 1972, n.d.
APOLLO 17 EXPERIMENTS	Apollo 17 Infrared Scanning Radiometer (implementation plan, description, notes)	1969, 1971 - 1972, n.d.
APOLLO 17 EXPERIMENTS	Apollo 17 SEP (Surface Electrical Properties) Experiment (proposal, presentations, notes, correspondence and related papers)	1970 - 1972, n.d.
APOLLO 17 EXPERIMENTS	Apollo 17 Traverse Gravimeter Experiment (description, presentation material, notes)	August 1971 - December 19
APOLLO 17 EXPERIMENTS	Apollo 17 Surface Electrical Properties Experiment, Reports from University of Toronto to MIT	October 1971 - March 1973
APOLLO 17 EXPERIMENTS	Bendix Technical Journal, Lunar Surface Exploration (ALSEP), vol. 4, no. 2	1971

**SubHeading:**

**Box Number: 07**

APOLLO 17 EXPERIMENTS	SIM Bay General Information (experiment arrangement)	1971, n.d.
APOLLO 17 EXPERIMENTS	Apollo 16 and Apollo 17 Lunar Mapping Camera, Panoramic Camera (description, notes, anomalies)	1971, n.d.
APOLLO 17 EXPERIMENTS	Apollo 17 Lunar Seismic Profiling Experiment (LSPE deployment considerations)	1971 - 1972, n.d.
APOLLO 17 EXPERIMENTS	ALSEP Array E (deployment, CDR presentation material)	1971 - 1972, n.d.
APOLLO 17 EXPERIMENTS	Apollo 17 Lunar Sounder Experiment (implementation plan, objectives, description, notes, EMI problem)	1971 - 1972, n.d.
APOLLO 17 EXPERIMENTS	Apollo 17 UV Spectrometer Experiments (notes, description)	1971 - 1972, n.d.
APOLLO 17 EXPERIMENTS	Apollo 17 Lunar Surface Gravimeter (notes, correspondence and related articles)	1971 - 1973, n.d.
APOLLO 17 EXPERIMENTS	Apollo 17 Lunar Surface Drill / Heat Flow Experiment (meeting minutes, notes, final performance report)	1971 - 1973, n.d.

**SubHeading:**

**Box Number: 08**

APOLLO 17 EXPERIMENTS	Orbital and Surface Experiments Status Presentation	August 9, 1972
APOLLO 17 EXPERIMENTS	Bendix Aerospace, Apollo 17 ALSEP (Array E) Familiarization Course Handout	September 1, 1972
APOLLO 17 EXPERIMENTS	SNA-8-D-027(V), CSM / LM Spacecraft Operational Data Book, Volume V: ALSEP Data Book, Appendix F, Apollo 17 ALSEP Array E and Lunar Surface Experiments	October 1972
APOLLO 17 EXPERIMENTS	Surface Science Equipment Status Charts (ALSEP 12, 14, 15, 16, 17)	1972 - 1973
APOLLO 17 EXPERIMENTS	Apollo 17 Cosmic Ray Detector Experiment (description and deployment procedures)	1972, n.d.
APOLLO 17 EXPERIMENTS	Apollo 17 Lunar Neutron Probe Experiment (notes, correspondence, description)	1972, n.d.
APOLLO 17 EXPERIMENTS	Apollo 17 Soil Mechanics Experiment (description, notes)	1972, n.d.
APOLLO 17 EXPERIMENTS	Lunar Atmospheric Composition Experiment (Apollo 17) (UV Mass	1972

	Spectrometer description and deployment)	
APOLLO 17 EXPERIMENTS	Apollo Program Lunar Surface Equipment Status	August 1, 1973
<b>SubHeading:</b>	<b>Box Number: 09</b>	
APOLLO SUBJECT FILES	Miscellaneous Correspondence	1967, 1969 - 1971, n.d.
APOLLO SUBJECT FILES	APS Warning Signal Conditioner Electronics Failure	1969 - 1970, n.d.
APOLLO SUBJECT FILES	Tindall Memos (Tindall-grams), Flight Techniques and Procedures	1969 - 1970
APOLLO SUBJECT FILES	Apollo 16 and Apollo 17 Flight Data File related correspondence	1971 - 1972
APOLLO SUBJECT FILES	Head, J. N., "Lunar Cinder Cones", Bell Laboratories	August 4, 1972
APOLLO SUBJECT FILES	Extraterrestrial (lunar) Nomenclature, United Nations Conference on the Standardization of Geological Names	1972
APOLLO SUBJECT FILES	Apollo Voice Transcripts Pertaining to the Geology of the Landing Site (AS-11, AS-17)	1974 - 1975, n.d.
<b>SubHeading:</b>	<b>Box Number: 10</b>	
HANDWRITTEN NOTES, CONSOLE CHECKLISTS, CUE CARDS	TRW, Final Preliminary LM PGNS / AGS Training Card, LUM 198, AGS (PROG 7) (Apollo 14)	October 1970
HANDWRITTEN NOTES, CONSOLE CHECKLISTS, CUE CARDS	Handwritten Journals (checklists, field geology notes)	1971, n.d.
HANDWRITTEN NOTES, CONSOLE CHECKLISTS, CUE CARDS	Checklist Cue Cards (velcro backed)	1971 - 1972
HANDWRITTEN NOTES, CONSOLE CHECKLISTS, CUE CARDS	Robert Parker appointment book	1972
HANDWRITTEN NOTES, CONSOLE CHECKLISTS, CUE CARDS	Checklists and questions regarding equipment (handwritten notes)	n.d.
<b>SubHeading:</b>	<b>Box Number: 10 *</b>	
HANDWRITTEN NOTES, CONSOLE CHECKLISTS, CUE CARDS	Flight Director's Log (partial, handwritten) Apollo 15 * This 29 page document has been scanned	n.d.
<b>SubHeading:</b>	<b>Box Number: 11</b>	
PLANNING MEETINGS, STATUS REVIEWS, CCB	Data Priority Coordination / Mission Techniques Meetings	December 1970 - August 19
PLANNING MEETINGS, STATUS REVIEWS, CCB	Configuration Control Board Handouts (Grumman) (status, decision items)	1970, n.d.
PLANNING MEETINGS, STATUS REVIEWS, CCB	Configuration Control Board Meeting Minutes	1970 - 1972, n.d.
PLANNING MEETINGS, STATUS REVIEWS, CCB	JAM (James A. McDivitt) Meeting Notes, Apollo Status Reviews	March 1971 - November 197
<b>SubHeading:</b>	<b>Box Number: 12</b>	
PLANNING MEETINGS, STATUS REVIEWS, CCB	Lunar Surface Operations Planning Meeting Minutes	October 1971 - August 197
PLANNING MEETINGS, STATUS REVIEWS, CCB	Apollo 16 and Apollo 17 Mission Review and Ad Hoc Committee for Mission Planning	1971 - 1972
PLANNING MEETINGS, STATUS REVIEWS, CCB	Apollo 16 EVA Plans and Field Geology Investigation Report	April 1972
CREW PROCEDURES AND TRAINING	Crew Compartment Fit and Functional and Customer Acceptance Readiness Review Plans	1969, n.d.
CREW PROCEDURES AND TRAINING	Crew Procedures Correspondence	May - October 1970
CREW PROCEDURES AND TRAINING	Lunar Module Lifeboat Capability	June - July 1970, n.d.
CREW PROCEDURES AND TRAINING	Crew Procedures Changes (handwritten notes attached)	1970 - 1971
CREW PROCEDURES AND TRAINING	Crew Training Reports	1970 - 1971

CREW PROCEDURES AND TRAINING	Apollo Geology Training (schedules, curricula, funding)	1970 - 1972, n.d.
<b>SubHeading:</b>	<b>Box Number: 13</b>	
CREW PROCEDURES AND TRAINING	Crew Procedures Control Board	1970 - 1972
CREW PROCEDURES AND TRAINING	USGS Paper on Astronaut Geology Training (related notes & correspondence)	1973 - 1974, n.d.
CREW PROCEDURES AND TRAINING	Moore, H. J., "Nevada Test Site Craters Used for Astronaut Training"	November - December 1977
CREW PROCEDURES AND TRAINING	Lunar Geology Training Class Notes	n.d.
APOLLO STUDY GUIDES	Grumman, Electrical Power Subsystem Study Guide, Lunar Module LM-7	January 1970
APOLLO STUDY GUIDES	Grumman, Telecommunications Study Guide, Lunar Module LM-7	January 1970
APOLLO STUDY GUIDES	Grumman, Propulsion and RCS Subsystem Study Guide, Lunar Module LM-7 (annotated)	January 1970
APOLLO STUDY GUIDES	LM Problem Review (briefing charts)	March 24, 1971
APOLLO STUDY GUIDES	North American Rockwell, Apollo CSM "J" Series Mission Experiments	October 1, 1971
<b>SubHeading:</b>	<b>Box Number: 14</b>	
LUNAR ROVER	TRW, Lunar Visibility	October 17, 1969
LUNAR ROVER	Boeing, Inc., Lunar Roving Vehicle Failure Mode Effect and Hazard Analysis and Criticality Analysis, NAS8-25145	June 1, 1970
LUNAR ROVER	Lunar Rover related correspondence and briefing materials	June - October 1970, n.d.
LUNAR ROVER	LRV Malfunction Procedures (notes and correspondence)	1970 - 1971, n.d.
LUNAR ROVER	Lunar Rover related correspondence	1970 - 1972, n.d.
LUNAR ROVER	Boeing, Lunar Roving Vehicle, LRV Flight Unit No. 1, Crew Station Review Procedure, Rev. A	February 10, 1971
LUNAR ROVER	NASA TM-X-64584, LRV Operational Behavior Study	February 12, 1971
<b>SubHeading:</b>	<b>Box Number: 15</b>	
LUNAR ROVER	Lunar Roving Vehicle Integration Schedule Meeting at KSC	March 3, 1971
LUNAR ROVER	MSC-04117, Lunar Roving Vehicle Operational Hazard and Malfunction Analysis	March 30, 1971
LUNAR ROVER	Lunar Rover Installation Photographs	April 1971
LUNAR ROVER	Apollo 15 LRV Crew Briefing Materials	May 10, 1971
LUNAR ROVER	Hutton, R. E., "Lunar Roving Vehicle Operational Characteristics	May 1971
<b>SubHeading:</b>	<b>Box Number: 15 *</b>	
LUNAR ROVER	Lunar Roving Vehicle Systems Handbook (3 volumes) * This 218 page document has been scanned	June 1971 - October 1972
<b>SubHeading:</b>	<b>Box Number: 16</b>	
LUNAR ROVER	Lunar Rover Vehicle Stowage List, Apollo 15 (J-1 Series) // * All 15 pages have been scanned.	July 23, 1971
LUNAR ROVER	Lunar Rover Crew Procedures Change Requests	October 1971 - March 1972
LUNAR ROVER	TR-M-71-10, "Performance of Boeing LRV Wheels in a Lunar Soil Simulant, Report 1: Effect of Wheel Design and Soil", U. S. Army Engineers	December 1971

LUNAR ROVER	LRV Schedules	1971
LUNAR ROVER	Lunar Roving Vehicle, LRV Flight Unit No. 1, Crew Station Review Report	c. 1971
LUNAR ROVER	LRV Operations Handbook, Appendix A: Performance Data (Revision 3)	January 3, 1972
LUNAR ROVER	Lunar Rover Vehicle Stowage List, Apollo 17 (J-3 Series)	June 21, 1972
LUNAR ROVER	Apollo 17 LRV Crew Briefing	1972
LUNAR ROVER	LRV Post Deployment Checkout	n.d.
<b>SubHeading:</b>	<b>Box Number: 17</b>	
FAO DAILY STATUS REPORTS	SL-2 FAO Daily Status Reports, Day 147 - 173	1973
<b>SubHeading:</b>	<b>Box Number: 18</b>	
FAO DAILY STATUS REPORTS	SL-3 FAO Daily Status Reports, Day 211 - 266	1973
<b>SubHeading:</b>	<b>Box Number: 19</b>	
FAO DAILY STATUS REPORTS	SL-4 FAO Daily Status Report, Day 320 - 037	1973 - 1974
FAO DAILY STATUS REPORTS	Skylab FAO End of Mission Status Report, SL-4 Mission from Docking Through Undocking	February 15, 1974
<b>SubHeading:</b>	<b>Box Number: 20</b>	
DAILY MISSION REPORTS	SL-1/2 Daily Mission Report, Nos. 2-4, 6, 9-36	May - June 1973
DAILY MISSION REPORTS	SL-3 Daily Mission Report, Nos. 1-21	July - August 1973
<b>SubHeading:</b>	<b>Box Number: 21</b>	
DAILY MISSION REPORTS	SL-3 Daily Mission Report, Nos. 22-58	August - September 1973
DAILY MISSION REPORTS	Skylab Daily Mission Report No. 84, End of Mission Report	February 8, 1974
DAILY MISSION REPORTS	Skylab 1 / Skylab 2 Unmanned Weekly Status Report	June 29 - July 27, 1973
DAILY MISSION REPORTS	Skylab 1 / Skylab 3 Unmanned Weekly Status Report	October 26, 1973
DAILY MISSION REPORTS	Skylab 1 / Skylab 3 Summary Report	September 26, 1973
<b>SubHeading:</b>	<b>Box Number: 22</b>	
SUMMARY FLIGHT PLANS	SL-2 Summary Flight Plan (annotated), Mission Day 4 - 28	1973
SUMMARY FLIGHT PLANS	SL-3 Summary Flight Plans, Mission Day 1 - 28	1973
SUMMARY FLIGHT PLANS	SL-3 Summary Flight Plan, Mission Day 29 - 59	1973
SUMMARY FLIGHT PLANS	SL-4 Summary Flight Plan (pre-mission / annotated)	October - November 1973
SUMMARY FLIGHT PLANS	SL-4 Summary Flight Plan, Mission Day 4 - 68	1973 - 1974
<b>SubHeading:</b>	<b>Box Number: 23</b>	
FLIGHT PLANS, MISSION RULES, MISSION REQUIREMENTS	SL-1 / SL-2 Final Skylab Flight Plan	April 11, 1973
FLIGHT PLANS, MISSION RULES, MISSION REQUIREMENTS	SL-3 Second Skylab Mission, Final Skylab Flight Plan, Operations Appendix, Limited Distribution	July 14, 1973
FLIGHT PLANS, MISSION RULES, MISSION REQUIREMENTS	SL-4 Third Skylab Mission Final Crew Scheduling Guidelines, Experiment Allocation Matrix Mini-Summary Timelines (November 10 Launch)	October 24, 1973
FLIGHT PLANS, MISSION RULES, MISSION REQUIREMENTS	Skylab 3 Mission Contingency Notes (compiled by off-line flight control teams)	1973
FLIGHT PLANS, MISSION RULES, MISSION REQUIREMENTS	MSC-07191, Skylab Final Flight Mission Rules, Revision A and B	1973
FLIGHT PLANS, MISSION RULES,	I-MRD-001, Appendix B, Mission	December 1972

MISSION REQUIREMENTS	Requirements, Earth Resources Requirements, Skylab Mission SL-1 / SL-2, SL-3, and SL-4 (with changes)	
FLIGHT PLANS, MISSION RULES, MISSION REQUIREMENTS	I-MRD-001F, Volume 1, Mission Requirements, First Skylab Mission SL-1/SL-2	February 1, 1973
<b>SubHeading:</b>	<b>Box Number: 24</b>	
FLIGHT PLANS, MISSION RULES, MISSION REQUIREMENTS	I-MRD-001F, Volume IV, Mission Requirements, Skylab Rescue Mission, SL-R	May 1, 1973
FLIGHT PLANS, MISSION RULES, MISSION REQUIREMENTS	I-MRD-001F, Volume II, Mission Requirements, Second Skylab Mission SL-3, (with change sheets)	June 1, 1973
FLIGHT PLANS, MISSION RULES, MISSION REQUIREMENTS	I-MRD-001F, Volume III, Mission Requirements, Third Skylab Mission, SL-4 (draft)	July 2, 1973
FLIGHT PLANS, MISSION RULES, MISSION REQUIREMENTS	I-MRD-001F, Volume III, Mission Requirements, Third Skylab Mission, SL-4	August 27, 1973
FLIGHT PLANS, MISSION RULES, MISSION REQUIREMENTS	I-MRD-001, Appendix B, Mission Requirements, Earth Resources Requirements, Skylab Mission SL-4, Revision C	November 1973
FLIGHT PLANS, MISSION RULES, MISSION REQUIREMENTS	Mission Requirements, Third Skylab Mission, SL-4 (change sheets)	1973 - 1974
<b>SubHeading:</b>	<b>Box Number: 25</b>	
FLIGHT MANAGEMENT TEAM MEETING MINUTES	SL-2 Flight Management Team Meeting Minutes, Nos. 1 - 21	April - June 1973
FLIGHT MANAGEMENT TEAM MEETING MINUTES	SL-3 Flight Management Team Meeting Minutes, Nos. 1 - 46	July - September 1973
FLIGHT MANAGEMENT TEAM MEETING MINUTES	SL-4 Flight Management Team Meeting Minutes, Nos. 1 - 62	November 1973 - February
<b>SubHeading:</b>	<b>Box Number: 26</b>	
SKYLAB PLANNING STATUS/CCB MEETING MINUTES	Skylab Planning / Status / CCB Meeting Minutes (configuration control board)	May - August 1973
<b>SubHeading:</b>	<b>Box Number: 27</b>	
SKYLAB PLANNING STATUS/CCB MEETING MINUTES	Skylab Planning / Status / CCB Meeting Minutes (configuration control board)	September - December 1973
SKYLAB PLANNING STATUS/CCB MEETING MINUTES	SL-4 Extended Mission Planning (notes and supporting materials)	September -October 1973,
SKYLAB PLANNING STATUS/CCB MEETING MINUTES	Kranz, Eugene - Flight Management Team Notes	1973 - 1974
SUMMARY TIMELINES	SL-2 Mini-Summary Timeline / 7-Day Forecast (Day 145 - 180)	1973
SUMMARY TIMELINES	SL-3 Mini-Summary Timeline / 7-Day Forecast (Day 212 - 264)	August - September 1973
SUMMARY TIMELINES	SL-4 Mini-Summary Timeline / 7-Day Forecast (Day 1 - 85)	1973 - 1974
<b>SubHeading:</b>	<b>Box Number: 28</b>	
SCIENCE PLANNING DOCUMENTS	SL-2 Experiment Mission Plan for Day 17 - 27(inflight changes and handwritten comments)	June 1973
SCIENCE PLANNING DOCUMENTS	SL-2 Science Operations and Planning (comments and critiques)	June - July 1973, n.d.
SCIENCE PLANNING DOCUMENTS	Science Messages (proposed for transmittal to crew) (Day22)	August 1973, n.d.
SCIENCE PLANNING DOCUMENTS	Science Planning / Experiment Scheduling Lists and Notes	1973, n.d.
SCIENCE PLANNING DOCUMENTS	FOMR Science Planning Meeting Minutes (including handwritten notes)	1973, n.d.
SCIENCE PLANNING DOCUMENTS	Science Considerations for a 10-Day Extension (handwritten notes/ SL-3)	1973, n.d.
SCIENCE PLANNING DOCUMENTS	"Retracted" (reduced) Mission (SL-4):	1973, n.d.

	Notes regarding experiment reductions	
SCIENCE PLANNING DOCUMENTS	Experiment Status and Summary (briefing charts and related notes)	1973, n.d.
SCIENCE PLANNING DOCUMENTS	Written Inputs to Program Scientist (handwritten notes)	1973 - 1974, n.d.
SCIENCE PLANNING DOCUMENTS	Science Planning Meeting Minutes (FOMR / Mission Action Requests)	Day 323 - Day 31
SCIENCE PLANNING DOCUMENTS	Science Conference Notes	Mission Day 22
SCIENCE PLANNING DOCUMENTS	Science Conference Notes	Mission Day 37
SCIENCE PLANNING DOCUMENTS	Science Conference Notes	n.d.
SCIENCE PLANNING DOCUMENTS	Experiment Planning during the Skylab Missions article (drafts)	n.d.
<b>SubHeading:</b>	<b>Box Number: 29</b>	
COMET KOHOOTEK	Comet Kohoutek Related Correspondence (including Daily Team Reports) (6 folders)	May 1973 - January 1974
<b>SubHeading:</b>	<b>Box Number: 30</b>	
COMET KOHOOTEK	MSFC, Kohoutek Viewing Requirements Document	September 1973
COMET KOHOOTEK	Comet Kohoutek Status Review, Compatibility Assessment Presentation Material	1973, n.d.
COMET KOHOOTEK	Comet Kohoutek Workshop, Session chairman handwritten notes	May - June 1974
COMET KOHOOTEK	Parker handwritten notes re: Comet Kohoutek planning	n.d.
COMET KOHOOTEK	Special Cometary Events Requiring Near Real-time Response (Comet Kohoutek)	n.d.
EXPERIMENTS - GENERAL	Experiment related correspondence	1972 - 1974
EXPERIMENTS - GENERAL	ATM Experiment Reference Book, Final, 1st Skylab Mission	March 23, 1973
EXPERIMENTS - GENERAL	SL-2 Experiment Data Sheets	April 11, 1973
EXPERIMENTS - GENERAL	Joint Observation Program (JOP) Scheduling Notes	September 1973
EXPERIMENTS - GENERAL	SL-4 Experiment Data Sheets(crew task and scheduling summaries)	November 19, 1973
EXPERIMENTS - GENERAL	Skylab Science Operations Experience, Principal Investigator Comments	February - April 1974
EXPERIMENTS - GENERAL	NASA TM-X-64866, MSFC Skylab Student Project Report	August 1974
EXPERIMENTS - GENERAL	Skylab Experiment Summaries	n.d.
<b>SubHeading:</b>	<b>Box Number: 31</b>	
SOLAR STUDIES EXPERIMENTS	Skylab AM / ATM EVA Procedures, Requirements, and Constraints	October 1969 - January 19
SOLAR STUDIES EXPERIMENTS	ATM Transit of Mercury Experiment, Proposal and Related Correspondence	1970, 1973
SOLAR STUDIES EXPERIMENTS	ATM Experiment Briefings and related handwritten notes	1971 - 1973, n.d.
SOLAR STUDIES EXPERIMENTS	ATM Related Correspondence and notes	1973 - 1974, n.d.
SOLAR STUDIES EXPERIMENTS	Skylab Apollo Telescope Mount Crew Log, Revision B	March 1, 1973
SOLAR STUDIES EXPERIMENTS	Ise, Rein; Apollo Telescope Mount on Skylab (ATM Results)	September 15, 1973
SOLAR STUDIES EXPERIMENTS	SL-4 ATM Requirements	September 17, 1973
SOLAR STUDIES EXPERIMENTS	ATM Flight Planning Guidelines, Operations Plan (presentation material)	n.d.
COROLLARY EXPERIMENTS	Corollary - notes and correspondence	May- September 1973, n.d.

COROLLARY EXPERIMENTS	Corollary Experiment Instructions for SL-4: T053, S073, M-479, S-232	October - December 1973
COROLLARY EXPERIMENTS	Skylab IV Corollary Experiments Briefing	February 5, 1974
COROLLARY EXPERIMENTS	NASA TM-X-64820, MSFC Skylab Corollary Experiment Systems Mission Evaluation	September 1974
<b>SubHeading:</b>	<b>Box Number: 32</b>	
SKYLAB VISUAL OBSERVATIONS	Visual Observations Experiment Proposals	1971, 1973, n.d.
SKYLAB VISUAL OBSERVATIONS	Skylab Visual Observations Correspondence	1972 - 1974
SKYLAB VISUAL OBSERVATIONS	SL-3 / SL-4 Visual Observations Handheld Photography Briefing	July 20, 1973
SKYLAB VISUAL OBSERVATIONS	Skylab Visual Observations Book	October 26, 1973
EARTH RESOURCES EXPERIMENTS	Skylab EREP Correspondence and notes	1973, n.d.
EARTH RESOURCES EXPERIMENTS	EREP Applications Briefing Charts, (cartography, agriculture, forestry, sea state, etc.)	March 29, 1973
EARTH RESOURCES EXPERIMENTS	SL-2 and SL-3 EREP Summary Report	1973
EARTH RESOURCES EXPERIMENTS	Skylab Earth Resources Investigations	February 1973
<b>SubHeading:</b>	<b>Box Number: 33</b>	
EARTH RESOURCES EXPERIMENTS	Earth Resources Experiments Package Miscellaneous materials	1973 - 1974
STELLAR ASTRONOMY	Skylab S019 - UV Stellar Astronomy Video Taped Briefing	August 21, 1972
STELLAR ASTRONOMY	Skylab Stellar Astronomy Correspondence	1973 - 1974
SPACE PHYSICS	Space Physics Experiments Correspondence	1973, n.d.
MISCELLANEOUS EXPERIMENTS	SL-3 / SL-4 Ground System Management and Experiment Management Criteria (updates)	1973 - 1974
<b>SubHeading:</b>	<b>Box Number: 33A</b>	
SKYLAB SCIENCE DEMONSTRATIONS	Skylab Science Demonstrations Correspondence	1970, 1973 - 1974, n.d.
SKYLAB SCIENCE DEMONSTRATIONS	MSFC Science Demonstrations Performed by Pilot J. Lousma on Skylab3	November 5, 1973
SKYLAB SCIENCE DEMONSTRATIONS	SL-3 / SL-4 "Fill-in" Science Demonstrations	1973
SKYLAB SCIENCE DEMONSTRATIONS	ICYCOM Science Demonstrations (Ice Impurity Mixtures in Vacuum and Zero-G	January 1974, n.d.
ZERO GRAVITY SYSTEMS STUDIES	Whitsett, Major C. E., "An Experimental Investigation of Attitude Control Systems for Astronaut Maneuvering Units"	January 10 - 12, 1973
ZERO GRAVITY SYSTEMS STUDIES	Zero Gravity Systems Studies Correspondence	June 1973 - January 1974,
ZERO GRAVITY SYSTEMS STUDIES	Skylab Experiment M516, Crew Activities / Maintenance Study. SL Unscheduled IFM Analysis (In-flight Maintenance)	July 15, 1974
LIFE SCIENCES PROJECTS/MEDICAL PROJECTS	Skylab M092, Inflight Lower Body Negative Pressure Presentation	August 16, 1972
LIFE SCIENCES PROJECTS/MEDICAL PROJECTS	JSC-08439, Life Science's Directorate, Skylab 1/2 Preliminary Biomedical Report	September 1973
LIFE SCIENCES PROJECTS/MEDICAL PROJECTS	JSC-08992, Johnston, Richard S.; Stonesifer, John; and Hawkins, Willard; "Development of Skylab	November 1973

	Medical Equipment and Flight Preparations"	
LIFE SCIENCES PROJECTS/MEDICAL PROJECTS	Life Sciences Experiments / Medical Considerations Correspondence	1973, n.d.
LIFE SCIENCES PROJECTS/MEDICAL PROJECTS	Medical / Biomedical Experiments Correspondence, FOMR / Mission Action Request, Scheduling	1973, n.d.
LIFE SCIENCES PROJECTS/MEDICAL PROJECTS	JSC-08827, Johnston, Richard; Dietlein, Lawrence; Michel, Edward; "The Medical Story"	March 1974
LIFE SCIENCES PROJECTS/MEDICAL PROJECTS	Life Sciences Experiments (handwritten notes)	n.d.
<b>SubHeading:</b>	<b>Box Number: 34</b>	
SKYLAB PARASOL	Skylab Repair / Parasol related correspondence	May - June 1973, n.d.
SKYLAB PARASOL	Skylab 1 Contingency Parasol Design (2 folders)	May - July 1973, n.d.
LESSONS LEARNED	Skylab Lessons Learned (including assessments of the utility of man in space)	1973 - 1974, n.d.
LESSONS LEARNED	Lessons Learned on the Skylab Program (3 volumes)	February - April 1974
<b>SubHeading:</b>	<b>Box Number: 35</b>	
ANOMALY LISTS	Skylab 3 Master Anomaly List	August 2 - September 23,
ANOMALY LISTS	SL-4 System Problem Investigation and Status	November 7, 1973
ANOMALY LISTS	SL-4 Master Anomaly List	1973 - 1974
SKYLAB REVIEWS	Skylab Flight Readiness Review and Design Certification Review - correspondence and presentation material	May - October 1973
SKYLAB REVIEWS	Skylab Review (transcription of taped presentations)	February 21, 1974
PARKER ARTICLES	Correspondence and notes, Short presentation on Skylab Science, Space for People Session, AIAA Annual Meeting	1973 - 1974
PARKER ARTICLES	"Skylab Deep Space Experiments", Skylab Science Experiments: A Final Report, Symposium of the American Association for the Advancement of Science	February 1974
PARKER ARTICLES	"Planning and Management of Science Programs on Skylab", AIAA / AGU Space Science Conference Paper (correspondence and notes included)	1974
PARKER ARTICLES	Experiment Planning During the Skylab Mission, AAS Symposium Paper notes and comment drafts	1974
PARKER ARTICLES	"Astronomy from Skylab", Article for 'Astronomy' magazine, (notes and comment drafts)	1974
SKYLAB AAS SYMPOSIUM PAPERS	MacLeod, John B.; "In-flight Operation of Skylab Student Project Experiments"	1974
SKYLAB AAS SYMPOSIUM PAPERS	Bond, Robert L.; "Skylab Experiment M516 Crew Activities / Maintenance Study"	1974
SKYLAB AAS SYMPOSIUM PAPERS	Crippen, Robert L. and Truly, Richard H.; "Flight Crew Observations of Spacecraft Systems"	1974
SKYLAB AAS SYMPOSIUM PAPERS	Holloway, T.; "Skylab Flight Plan Development" (draft)	1974
SKYLAB AAS SYMPOSIUM PAPERS	Huffstetler, William F.; Untitled paper on Skylab Biomedical Experiments"	1974
SKYLAB AAS SYMPOSIUM PAPERS	Johnson, C. C.; "Skylab Experiment M487 Habitability / Crew Quarters"	October 1975

SKYLAB ARTICLES	Bush, William T.; "Skylab Food System", AIAA Presentation	August 22, 1974
SKYLAB ARTICLES	Hanlon, W. H. and Hassel, R. R.; "Skylab Workshop Experience in Experiment Accommodation", AIAA / AGU Paper	1974
SKYLAB ARTICLES	Eddy, John A.; "Solar Results from Skylab: More Than a Mistake"	1974
SKYLAB ARTICLES	Gibson, Edward, Forward for unknown publication (re: ATM sun observances)	n.d.
SKYLAB ARTICLES	Shannon, Albert; Schneider, Howard; Liebach, Hartmut; "Collection and Quantitative Determination of Organic Volatiles in the Cabin Atmosphere of Skylab IV"	n.d.
<b>SubHeading:</b>	<b>Box Number: 36</b>	
SKYLAB AAS SYMPOSIUM PAPERS	Lenoir, William B.; Kaltenback, John L.; McEwen, Michael C.; Weitenhagen, Ronald A. and Wilmarth, V. R.; "Visual Observations from Space"	1974
<b>SubHeading:</b>	<b>Box Number: 37</b>	
CORRESPONDENCE	Skylab Headquarters Correspondence (2 folders)	1972 - 1974
CORRESPONDENCE	Skylab JSC Correspondence	1973 - 1974
CORRESPONDENCE	Skylab Revisit Correspondence	1973 - 1974
SKYLAB MISCELLANEOUS	M-D-ML32000.125, Skylab Operations Directive	March 27, 1972, February
SKYLAB MISCELLANEOUS	Shift Checklist	April 23, 1973
SKYLAB MISCELLANEOUS	X-644-73-147, Manual for 70mm Hand Held Photography from Skylab	May 1973
SKYLAB MISCELLANEOUS	Skylab Stowage List, Command Modules 116, 117, 118; Skylab Missions 1/2, 1/3, 1/4	June 22, 1973
SKYLAB MISCELLANEOUS	JSC-08049, Skylab Mission Hazard Analysis, SL-3	July 2, 1973
SKYLAB MISCELLANEOUS	Skylab Operations Related Documentation- Distribution List	July 20, 1973
SKYLAB MISCELLANEOUS	SL-3 Crew / Flight Director Tag-Up Meetings	July 1973
SKYLAB MISCELLANEOUS	SL-3 Flight Data File (FDF) Items	July 1973
SKYLAB MISCELLANEOUS	Miscellaneous FOMR Mission Action Requests	August - September 1973
SKYLAB MISCELLANEOUS	SL-3 Ground Track Study Section I & II	1973
SKYLAB MISCELLANEOUS	SL-4 Film Status and Allocation	1973
SKYLAB MISCELLANEOUS	Skylab Rescue Mission	1973, n.d.
SKYLAB MISCELLANEOUS	Various memos and correspondence relating to Skylab	1973
SKYLAB MISCELLANEOUS	Groundtrack for Skylab Mission SL-1 / SL-3	1973
SKYLAB MISCELLANEOUS	Skylab IV Post Recovery Briefing	February 8, 1973
SKYLAB MISCELLANEOUS	Skylab "Windup" (post-program symposia, hardware disposition, etc.)	1974 - 1975
<b>SubHeading:</b>	<b>Box Number: 39</b>	
SKYLAB MISCELLANEOUS	Skylab Curiosities	n.d.
SKYLAB MISCELLANEOUS	Skylab Program Scientist Console Log (FOMR) (handwritten)	n.d.
SKYLAB MISCELLANEOUS	Skylab Notebooks (handwritten)	n.d.
<b>SubHeading:</b>	<b>Box Number: 40</b>	
APOLLO-SOYUZ TEST PROJECT	ASTP Working Group Review Notes	November 1, 1973
APOLLO-SOYUZ TEST PROJECT	ASTP Configuration Control Board	December 1973 -

	Meeting Minutes	October 1
APOLLO-SOYUZ TEST PROJECT	Skylab / ASTP Revisit Correspondence	1973 - 1974
APOLLO-SOYUZ TEST PROJECT	ASTP Experiments Correspondence	1973 - 1975
APOLLO-SOYUZ TEST PROJECT	ASTP-40301, Joint Crew Activities Plan	May 1974 - July 1975
APOLLO-SOYUZ TEST PROJECT	JSC-08819, Change A, B, & C, Mission Requirements CSM-111 / DM-2, Apollo Soyuz Test Project	November 1974 - June 1975
APOLLO-SOYUZ TEST PROJECT	ASTP Crew and Experiment Briefing Transcripts	February 1975
APOLLO-SOYUZ TEST PROJECT	JSC-09085, ASTP Command and Service Module and Docking Module Systems Handbook, CSM-111, Change 1 and 2)	February - June 1975
<b>SubHeading:</b>	<b>Box Number: 41</b>	
APOLLO-SOYUZ TEST PROJECT	JSC-09137, ASTP July 15 Launch Reference Flight Plan	February - July 1975
APOLLO-SOYUZ TEST PROJECT	JSC-09167, JSC ASTP Mission Contingency Investigation Plan	April 1975
APOLLO-SOYUZ TEST PROJECT	ASTP Post-flight Crew Debriefing Plan	June 1975
<b>SubHeading:</b>	<b>Box Number: 42</b>	
SHUTTLE RELATED JSC DOCUMENTS	MSC-07387, Crew Station Specifications	October 1972
SHUTTLE RELATED JSC DOCUMENTS	JSC-10588, Flight Procedures Handbook, OMS / RCS On-Orbit Operations, Preliminary	November 1980
SHUTTLE RELATED JSC DOCUMENTS	JSC-10615, Shuttle EVA Description and Design Criteria, Final	May 1976
SHUTTLE RELATED JSC DOCUMENTS	JSC-11088, Program Requirements Document (PRD) for Space Shuttle Chronograph	February 24, 1976
SHUTTLE RELATED JSC DOCUMENTS	JSC-11542, Flight Procedures Handbook - Entry, Final	December 21, 1979
SHUTTLE RELATED JSC DOCUMENTS	JSC-12770, Shuttle Flight Operations Manual, Vol. 2: Electrical Power Systems, Preliminary, Rev. B	April 15, 1980
SHUTTLE RELATED JSC DOCUMENTS	JSC-12770, Shuttle Flight Operations Manual, Vol. 4E: Instrumentation, Basic	June 15, 1979
SHUTTLE RELATED JSC DOCUMENTS	JSC-12770, Shuttle Flight Operations Manual, Vol. 5: Data Processing Subsystems, Preliminary	November 1978
SHUTTLE RELATED JSC DOCUMENTS	JSC-12770, Shuttle Flight Operations Manual, Vol. 10C: Payload Bay Doors / Radiators, Basic	January 22, 1979
<b>SubHeading:</b>	<b>Box Number: 42 *</b>	
SHUTTLE RELATED JSC DOCUMENTS	JSC-12770, Shuttle Flight Operations Manual, Vol. 3: Environmental Control and Life Support, Final * This 91 page document has been scanned	March 3, 1979
SHUTTLE RELATED JSC DOCUMENTS	JSC-12770, OFT Shuttle Flight Operations Manual, Vol. 4A: Audio System and UHF, Preliminary * This 41 page document has been scanned	May 1978
<b>SubHeading:</b>	<b>Box Number: 43</b>	
SHUTTLE RELATED JSC DOCUMENTS	JSC-13059, Shuttle Flight Operations Manual, Vol. 12: Crew Systems, Preliminary	November 18, 1977
SHUTTLE RELATED JSC DOCUMENTS	JSC-16219, Flight Procedures Handbook, Post Insertion, De-orbit Prep, Basic	December 5, 1979
SHUTTLE RELATED JSC DOCUMENTS	JSC-17322, Flight Data File Data Processing System Dictionary, OV-102 (STS-3 and subsequent)Orbital Flight Test, Basic, Rev. C, PCN-3	October 5, 1981

SHUTTLE RELATED JSC DOCUMENTS	JSC-17952, Orbiter Crash and Rescue Information (with PCNs)	March 1982 - October 1984
<b>SubHeading:</b>	<b>Box Number: 44</b>	
SHUTTLE RELATED JSC DOCUMENTS	JSC-18927, Flight Data File Spacelab Systems Data and Malfunction Procedures, Basic, Rev. A	September 29, 1983
MISCELLANEOUS SHUTTLE DOCUMENTS	Various Space Shuttle memos	November - December 1973
MISCELLANEOUS SHUTTLE DOCUMENTS	Martin Marietta, Flight Operations Payload Training for Crew and Support Personnel, Task 3: Inflight Operations and Training for Payloads	June 1, 1976
MISCELLANEOUS SHUTTLE DOCUMENTS	Notes on Shuttle Food System	June 30, 1976
MISCELLANEOUS SHUTTLE DOCUMENTS	Martin Marietta, Payload Crew Interface Design Criteria and Techniques, Task 1: Inflight Operations and Training for Payloads	October 6, 1976
MISCELLANEOUS SHUTTLE DOCUMENTS	NAS9-14484, STS Payloads Mission Control Study, Final Summary Report (Volume 1)	December 1975
MISCELLANEOUS SHUTTLE DOCUMENTS	Martin Marietta, Payload Crew Activity Planning Integration, Task 2: Inflight Operations and Training for Payloads	December 23, 1976
MISCELLANEOUS SHUTTLE DOCUMENTS	TRW, Space Transportation System Payloads Mission Control Study, Phase A-1, Vol. 1 of Final Study Report	December 1976
MISCELLANEOUS SHUTTLE DOCUMENTS	STS Payloads Mission Control Study Continuation Phase, Executive Summary Review, Contract NAS9-14484	December 1976
MISCELLANEOUS SHUTTLE DOCUMENTS	Shuttle Food System memo	July 7, 1976
MISCELLANEOUS SHUTTLE DOCUMENTS	Aft Crew Station Design Documents, Orbiter	1976
MISCELLANEOUS SHUTTLE DOCUMENTS	Starlab Facility Definition Team, Minutes of Meeting #11	June 1 - 2, 1977
MISCELLANEOUS SHUTTLE DOCUMENTS	CB - Shuttle Office Activity Schedules	1977 - 1979
MISCELLANEOUS SHUTTLE DOCUMENTS	Orbiter Stowage Concept (presentation charts)	n.d.
MISCELLANEOUS SHUTTLE DOCUMENTS	Delegation of all Level III & IV Configuration Management Duties to POO (presentation charts)	n.d.
<b>SubHeading:</b>	<b>Box Number: 44 *</b>	
MISCELLANEOUS SHUTTLE DOCUMENTS	Shuttle Flight Schedule * this 5 page document has been scanned	December 16, 1981
<b>SubHeading:</b>	<b>Box Number: 45</b>	
SHUTTLE SCIENCE PLANNING	Management and Operations Working Group in Shuttle Astronomy (minutes and presentations)	April 1974 - June 1976, n
SHUTTLE SCIENCE PLANNING	Presentation to Working Group in Shuttle Astronomy	June 1974
SHUTTLE SCIENCE PLANNING	NAS / NRC Opportunities and Choices in Space Science, 1974: A Report of the Space Science Board of the National Academy of Sciences	November 11, 1974
SHUTTLE SCIENCE PLANNING	Large Space Telescope Planning documents	1974 - 1975, 1981 - 1982,
SHUTTLE SCIENCE PLANNING	Physical Sciences Committee Report on Supporting Research and Technology and Data Research	May 1976
<b>SubHeading:</b>	<b>Box Number: 46</b>	
SPACELAB - GENERAL	All Skylab Missions, Final Revision A, IMSS (In-flight Medical Support	November 16, 1973

	System	
SPACELAB - GENERAL	Preliminary Study of Integrating ATM Experiments into the Orbiter	November 29, 1973
SPACELAB - GENERAL	Garriott, Owen K., "Skylab Report: Man's Role in Space Research"	October 18, 1974
SPACELAB - GENERAL	Spacelab UV Optical Telescope Facility, Report of the Facility Definition Team	December 1975
SPACELAB - GENERAL	Spacelab Cost Reduction Material	February - May 1976
SPACELAB - GENERAL	Spacelab Mission Simulation Test II, Test Operations Final Report	March 17, 1976
SPACELAB - GENERAL	SL-PA-020, Spacelab First Flight Guidelines, Level II	May 1976
SPACELAB - GENERAL	Spacelab Newsletter, v. 76-2 & 76-3	June - September 1976
SPACELAB - GENERAL	Spacelab Payload Operations Workshop	July 21, 1976
SPACELAB - GENERAL	Civil Service / Contractor work relationship (memo)	August 26, 1976
SPACELAB - GENERAL	JSC Approach to Spacelab Activation, Monitoring, and Control (presentation)	October 27, 1976
SPACELAB - GENERAL	Parker, Robert A. and Sevier, J. R.; "Planning & Management of Science Programs on Skylab", AIAA Paper	1976
SPACELAB - GENERAL	Spacelab Miscellaneous Correspondence	1976 - 1980, n.d.
SPACELAB - GENERAL	Spacelab Mission Development Test III, Test Operations Report	July 15, 1977
SPACELAB - GENERAL	Spacelab Program Introduction Document	1977 - 1978
SPACELAB - GENERAL	Definition of the Payload Operations Concept for the First Spacelab Mission (with annotations)	June 29, 1978
SPACELAB - GENERAL	Garriott, Owen K.; "Visual Observations from Space"	August 1978
<b>SubHeading:</b>	<b>Box Number: 47</b>	
SPACELAB - GENERAL	SL-1 Life Science Experiments, Status Briefing for Mission Specialists	September 14, 1978
SPACELAB - GENERAL	Spacelab Mission One, Directory of Investigators, Issue 2	November 15, 1978
SPACELAB - GENERAL	Spacelab Human Use Committee / Human Use Experiments Review	1978 - 1979, n.d.
SPACELAB - GENERAL	SWAA (Spacelab Window Adapter Assembly)	1978, 1980, n.d.
SPACELAB - GENERAL	Spacelab 1 Payload Integration Plan	1978, 1981
SPACELAB - GENERAL	Spacelab Horizon Sensor	1978 - 1982
SPACELAB - GENERAL	SL-1 Life Sciences Final Design Review	May 1 - 3, 1979
SPACELAB - GENERAL	FOCO TR 80/1, Follow-On Development Content Working Group Technical Report	August 1980
SPACELAB - GENERAL	Spacelab Mission 1 TV / Photo Operations Book and Requirements Document	1981
SPACELAB - GENERAL	Spacelab Mission 1 Flight Operations Manual, EJB (ESA Junction Box), Issue 1, Rev. A	April 1, 1982
SPACELAB - GENERAL	MSFC, Payload Operations Guidelines, Spacelab 1 (Baseline)	May 14, 1982
SPACELAB - GENERAL	Spacelab 1 EJB (ESA Junction Box) Operating Procedures (with annotations)	1982
SPACELAB - GENERAL	Priority Missions / Emergency Deorbit Procedures	1982 - 1983, n.d.
<b>SubHeading:</b>	<b>Box Number: 48</b>	

SPACELAB - GENERAL	JSC-16412, Cargo Systems Manual: IECM, Spacelab 1 and 2, Final, Rev. C	July 15, 1983
SPACELAB - GENERAL	Spacelab 1 Simulations / POCC / Operations	1983
SPACELAB - GENERAL	Garriott, Owen; Parker, Robert A.; Lichtenberg, Byron; and Merbold, Ulf; Payload Crew Members' View of Spacelab Operations	July 13, 1984
SPACELAB - GENERAL	Background Life Science Reference Literature for Payload Specialists (from biomedical results of Apollo and Skylab)	n.d.
VFT	Spacelab Verification Flight Test Briefing Charts and Correspondence	1977 - 1980
VFT	MDC-G7108, SE-07, Spacelab Integration Project, VFT Implementation Requirements, Vol. 3, Mission 1	May 1978
VFT	Spacelab 1 VFT Flight Operations Requirements	1980, 1983
VFT	MDC 7199B and MDC 7199C, Spacelab 1 VFT (Verification Flight Test) Flight Crew Procedure Inputs (with annotations)	1983
<b>SubHeading:</b>	<b>Box Number: 49</b>	
FLIGHT DATA FILES	MSFC JA-243, Spacelab 1 Payload Operating Procedures EJB (European Junction Box), Preliminary	July 12, 1982
FLIGHT DATA FILES	MSFC JA-246, Spacelab 1 Payload Operating Procedures OFD (Orbiter Flight Data), Preliminary	July 12, 1982
FLIGHT DATA FILES	MSFC JA-256, Payload Flight Data File, Spacelab Mission 1, CDMS (Command and Data Management System) Dictionary, Preliminary (with annotations)	September 30, 1982
FLIGHT DATA FILES	MSFC JA-247, Spacelab 1 Payload Operating Procedures VITR (Video Instrumentation Tape Recorder), Preliminary	September 30, 1982
FLIGHT DATA FILES	MSFC JA-244, Spacelab 1 Payload Operating Procedures EPBD (Electrical Power Branching Distributor), Preliminary	September 30, 1982
FLIGHT DATA FILES	MSFC JA-334, Spacelab 1 Stowage List, Basic	April 14, 1983
FLIGHT DATA FILES	JSC-18869, Flight Data File Spacelab DPS/CDMS Dictionary, Basic, Revision A	August 10, 1983
FLIGHT DATA FILES	JSC-18989, Flight Data File Spacelab Activation/ Deactivation Checklist (Spacelab 1)Final	September 15, 1983
FLIGHT DATA FILES	MSFC 1055B, Spacelab 1 Payload Crew Activity Plan, Blue Shift, Final, Revision A	September 18, 1983
FLIGHT DATA FILES	MSFC JA-066, TV / Photo Operations, Final, Revision A, PCN-1	November 18, 1983
<b>SubHeading:</b>	<b>Box Number: 50</b>	
SPACELAB PROGRAM REVIEWS / MEETING MINUTES	Spacelab Mission 1 Program Review Presentation Materials	1978 - 1979
SPACELAB PROGRAM REVIEWS / MEETING MINUTES	Spacelab 1 Investigator's Working Group Meeting Minutes	1977 - 1981
<b>SubHeading:</b>	<b>Box Number: 51</b>	
SPACELAB PROGRAM REVIEWS / MEETING MINUTES	Spacelab 1 Payload Operations Working Group Meeting Minutes	1977 - 1981
ECAS	ECAS Correspondence and Notes	1977 - 1979, n.d.
ECAS	Spacelab Subsystem Computer	March 17, 1978

	System Software (SCSS) Requirements	
ECAS	Essex Report No. H-78-3, Man / Terminal Interaction Evaluation of Spacelab Experiment Computer Operating System Command and Control Service Concepts	March 24, 1978
ECAS	MATRA / ESPACE, Spacelab Keyboard / Display System	May 29, 1978
<b>SubHeading:</b>	<b>Box Number: 52</b>	
ECAS	SCOS / ECAS Commonality Presentation Materials	1978 - 1979, n.d.
ECAS	MMO-ER-70-017-79, Spacelab S/W System Description Document (EW- ER-0035)	January 1, 1979
ECAS	MSFC-PROC-711A, Spacelab Display Design and Command Usage Guidelines	January 1979 - April 1980
ECAS	ESA / SPICE / OPS, Requirements for Instrument Pointing Information on European ECAS Displays	July 4, 1979, n.d.
ECAS	JSC-16266, Spacelab Displays Handbook, NASA / ESA Joint Operations Working Group	December 1979
ECAS	ECAS (Experiment Computer Application Software) and SCOS (Subsystem Computer Operating System) Differences	1979
ECAS	Spacelab Software Displays (related correspondence)	1979 - 1980, n.d.
ECAS	ESA SPICE Minutes of Meeting, Displays Review	January 7 - 11 and Februa
<b>SubHeading:</b>	<b>Box Number: 53</b>	
ECAS	ECO 8945B, Spacelab Integration Project, Experiment Computer Operating System Design Specification, Volume 1	April 1980
ECAS	POWG (Payload Operations Working Group) SCOS Software related charts	1980 - 1981
ECAS	Spacelab SCOS Software Overview	September 23, 1981
ECAS	Display Format Reference Book, Spacelab 1 (with updates)	1981, n.d.
ECAS	ECO 8951B, McDonnell Douglas, Spacelab Mission 1 Flight Software Design Specification	June 1982
ECAS	Display Format Reference Book, Spacelab	January 4, 1980 and Octob
ECAS	JSC-16266, Revision A, Spacelab Displays Handbook, NASA / ESA Operations Working Group	July 1983, n.d.
ECAS	JA-369, Spacelab Mission 1 Experiment Computer Downlinked Error Messages	August 1983
<b>SubHeading:</b>	<b>Box Number: 54</b>	
ECAS	ICD-2-05301, Interface Control Document, Shuttle Vehicle / Spacelab Avionics Interfaces	n.d.
ECAS	SCOS Activation (notes)	n.d.
CREW TRAINING	Spacelab 1 Crew Training Presentation Material	1977 - 1980, n.d.
CREW TRAINING	Spacelab 1 Training Plan	February - September 1978
CREW TRAINING	Spacelab 1 Crew Training related correspondence (including notes)	1978 - 1980, 1982 - 1983,
CREW TRAINING	Spacelab 1 Crew Training Schedules	1978 - 1980, n.d.

CREW TRAINING	Spacelab Crew Training Reports	1979, 1982
CREW TRAINING	CHIT's (Crew's Honest Input from Training) Tour 14	November 1981
<b>SubHeading:</b>	<b>Box Number: 55</b>	
ESA EXPERIMENTS	IES014, Waves in the Emissive Layers, Instrument Interface Agreement Between ESA and NASA	May 10, 1978
ESA EXPERIMENTS	IES014, Waves in the Emissive Layers, Requirements and Description	June 2, 1978, n.d.
ESA EXPERIMENTS	Spacelab Mission 1, Flight Operations Manual for IES014, Waves in the Emissive Layers, Revision A	April 1, 1982
ESA EXPERIMENTS	IES016, Solar Spectrum, Instrument Interface Agreement, Issue 1	May 24, 1978
ESA EXPERIMENTS	Spacelab Mission 1 Flight Operations Manual for IES016, Solar Spectrum, Main Volume, Revision A	April 1, 1982
ESA EXPERIMENTS	Spacelab 1 Payload Crew Training Complex, DDS / Experiment Training Manual for Experiment IES016, Solar Spectrum	April 1983
ESA EXPERIMENTS	ESA SPICE Spacelab 1 Experiment Computer Application Design Specification, IES016, Solar Spectrum	n.d.
ESA EXPERIMENTS	Payload Specialist Training Plan (European Training Phase) Reference Literature for Experiment IES016, Solar Spectrum	n.d.
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ESA EXPERIMENTS	Spacelab 1 IES017 H and D Lyman Alpha, Overview and Description	1982, n.d.
ESA EXPERIMENTS	Spacelab 1 Payload Crew Training Complex, DDS / Experiment Training Manual for Experiment IES019A, Low Energy Electrons (annotated)	1983
ESA EXPERIMENTS	Spacelab 1 Flight Operations Manual for IES020, Phenomena Induced by Charged Particle Beams, Issue 1, Revision B	September 1, 1983
ESA EXPERIMENTS	IES020, Phenomena Induced by Charged Particle Beams, Contingency Procedures (with notes)	n.d.
ESA EXPERIMENTS	Spacelab 1 IES021, Solar Constant, Payload Operating Procedures (annotated)	August 1, 1983
ESA EXPERIMENTS	Instrument Interface Agreement, Experiment IES022 (Very Wide Field Camera)	June 19, 1978
ESA EXPERIMENTS	FSLP ECAS (Experiment Computer Application Software) Design Specification (IES022, Very Wide Field Camera)	May 16, 1979
ESA EXPERIMENTS	IES022 (Very Wide Field Camera) Operations Data Pack	April - July 1980
ESA EXPERIMENTS	Centre National de la Recherche Scientifique, Very Wide Field Camera IES022, Mission and Payload Specialist Training	December 1 - 5, 1980
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ESA EXPERIMENTS	Spacelab 1 Flight Operations Manual for IES022, Very Wide Field Camera, Issue 1, Revision A	April 1, 1982
ESA EXPERIMENTS	Spacelab 1 IES022, Very Wide Field Camera Payload Operating Procedures	1979, August 1, 1983
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ESA EXPERIMENTS	IES022, Very Wide Field Camera Functional Schematic Drawing and Notes	n.d.
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ESA EXPERIMENTS	Instrument Interface Agreement for Experiment IES025 (Mass Discrimination)	April 20, 1978
ESA EXPERIMENTS	IES025 (Mass Discrimination) Operating Procedures, Operations Requirements and Manual	1979, 1982
ESA EXPERIMENTS	IES025, Mass Discrimination Reference Literature	n.d.
ESA EXPERIMENTS	Flight Operations Manual for IES026/032, Venous Pressure / Blood Samples	March 1982
ESA EXPERIMENTS	Payload Specialist Training Plan, Reference Literature for Experiment IES026/032	n.d.
ESA EXPERIMENTS	Instrument Interface Agreement for Experiment IES027, Advanced Biostack	May 2, 1978
ESA EXPERIMENTS	IES027 (Advanced Biostack) Data Pack and Operations Manual	1979 - 1982
<b>SubHeading:</b>	<b>Box Number: 58</b>	
ESA EXPERIMENTS	Payload Specialist Training Plan (European Training Phase), Reference Literature for Experiment IES027, Advanced Biostack	n.d.
ESA EXPERIMENTS	Instrument Interface Agreement for Experiment IES028, Ballistocardiography	April 21, 1978
ESA EXPERIMENTS	IES028, Ballistocardiography Operations Datapack	1978 - 1981, n.d.
ESA EXPERIMENTS	Payload Specialist Training Plan (European Training Phase), Reference Literature for Experiment IES028, Ballistocardiography	n.d.
ESA EXPERIMENTS	IES028, Ballistocardiography Experiment Description	n.d.
ESA EXPERIMENTS	Instrument Interface Agreement for Experiment IES029, Micro-organisms and Biomolecules in Space Hard Environment	May 11, 1978
ESA EXPERIMENTS	Flight Operations Manual for IES029, Micro-organisms and Biomolecules in Space Hard Environment	February 1982
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ESA EXPERIMENTS	ESA SPICE Instrument Interface Agreement for Experiment IES030, Electrophysiological Recording	June 2, 1978
ESA EXPERIMENTS	ESA Mission Operations Requirements Document, Experiment IES030, Miniature Electrophysiological Tape Recorder	July 5, 1979
ESA EXPERIMENTS	Spacelab 1 Flight Operations Manual for IES030, Electrophysiological Recording, Issue 1, Revision A	1979, April 1, 1982
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ESA EXPERIMENTS	Spacelab 1 Flight Operations Manual for IES031, Lymphocyte, Issue 1, Revision A	April 1, 1982
ESA EXPERIMENTS	Payload Specialist Training Plan (European Training Phase) Reference Literature for Experiment IES031, Lymphocyte Proliferation in Weightlessness	n.d.
ESA EXPERIMENTS	ESA SPICE Instrument Interface Agreement for Experiment IEA033, Metric Camera	April 19, 1978
ESA EXPERIMENTS	ECAS (Experiment Computer Application Software) Design Specification, IEA033 Metric Camera	October 24, 1979
ESA EXPERIMENTS	Flight Operations Manual for IEA033, Metric Camera, Issue 1	February 1982
ESA EXPERIMENTS	Classroom Presentation, Experiment IEA033 Metric Camera (annotated)	June 1983
ESA EXPERIMENTS	Metric Camera Experiment in Spacelab Mission 1, STS-9 Remote Sensing from Space. A Contribution of the Federal Republic of Germany	n.d.
ESA EXPERIMENTS	Payload Specialist Training Plan (European Training Phase) Reference Literature for Experiment IEA033, Metric Camera	n.d.
ESA EXPERIMENTS	Flight Operations Manual for IEA034, Microwave Remote Sensing Experiment, Issue 1	February 1982
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ESA EXPERIMENTS	IES201 Sled Experiments Reference Literature	1978
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ESA EXPERIMENTS	IES201 Correspondence and Experiment Objectives	1979 - 1982, n.d.
ESA EXPERIMENTS	IES201, Vestibular Experiments (sled) Procedures	1979, 1982 - 1983, n.d.
ESA EXPERIMENTS	Flight Operations Manual for IES201, Vestibular Experiments (sled)	March 1982
ESA EXPERIMENTS	IES200/201 Sled Experiments, Presentation of the Eye-Movement Measurements in the Infra-Red (EMIR)	n.d.
ESA EXPERIMENTS	Zimmerman, Dr. Peter; "The Space Processing Lab and Its Heat Transfer Subsystem", International Symposium on Spacecraft Thermal and Environmental Control Systems	October 10 - 12, 1978
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ESA EXPERIMENTS	Crew Systems and Safety Review, Material Science Double Rack IES300 (with annotations)	March 7 - 8, 1979
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ESA EXPERIMENTS	IES326, Oscillation Damping of a Liquid in Natural Levitation Crew Procedures	April 1982, n.d.
ESA EXPERIMENTS	IES327, Kinetics of Spreading of Liquids on Solids (description and procedure outline)	n.d.
ESA EXPERIMENTS	IES328, Free Convection in Low Gravity Crew Procedures	1982, n.d.
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ESA EXPERIMENTS	IES331, Floating Zone Stability in Zero Gravity Crew Procedures	April 1982
ESA EXPERIMENTS	IES331, Floating Zone Stability in Zero Gravity Status Reports (with annotations)	April - October 1982
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ESA EXPERIMENTS	IES332/333 Crystal Growth Mission Operations Requirement Document	October 22, 1979
ESA EXPERIMENTS	IES332/333 Crystal Growth Experiments, Brief Descriptions	1979, n.d.
ESA EXPERIMENTS	IES332/333 Short Form Description of Equipment	February 1980
ESA EXPERIMENTS	Spacelab Mission 1 Flight Operations Manual for IES 332/333 Crystal Growth	1980, 1982
ESA EXPERIMENTS	IES334/335 High Temperature Thermostat Drawings	n.d.
ESA EXPERIMENTS	IES338, Growth of Mercury Diodide Single Crystals Experiment Description and drawing	n.d.
ESA EXPERIMENTS	Spacelab 1 Flight Operations Manual for IES338, Mercury Iodide Growth	1980, 1982
ESA EXPERIMENTS	IES339, Interfacial Instability and Capillary Hysteresis Procedures and Experiment Description	1982, n.d.
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NASA EXPERIMENTS	INS006, HZE Particle Dosimetry, Payload Crew Training Handbook	October 15, 1978
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NASA EXPERIMENTS	INA008, Active Cavity Radiometer Solar Irradiance Monitor Experiment, Description, Schematic and Reference Literature	n.d.
NASA EXPERIMENTS	INS100 Minilab Instrument Interface Agreement, Training Handbook and	1978

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NASA EXPERIMENTS	INS101, Nutation in Helianthus Annuus, Reviews, CHITs, Objectives, and Diagrams (with annotations)	1978 - 1979, n.d.
NASA EXPERIMENTS	INS101, Nutation of Helianthus Annuus, Operating Procedures	1979 - 1982, n.d.
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NASA EXPERIMENTS	INS103, Influence of Space Flight on Erythrokinetics in Man; and INS105, Effects of Prolonged Weightlessness, Payload Crew Training Handbook and Photographs	October 18, 1978
NASA EXPERIMENTS	Spacelab 1 Blood Collection Procedures Training Notebook, Preliminary (re: INS103/105 and IES026/032)	March 1979
NASA EXPERIMENTS	INS103/105 and IES026/032, Influence of Space Flight Erythrokinetics in Man; Effects of Prolonged Weightlessness; Measurement of Intrathoracic Venous Pressure Operating Procedures	1979 - 1982
NASA EXPERIMENTS	Establishing Time-Qualified Values for Spacelab 1, Hematology Experiment INS103, Report No. 1	June 30, 1983
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NASA EXPERIMENTS	Experiment INS104 Orientation (Adaptation of Vestibulo Spinal Reflex)	March 6, 1979
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NASA EXPERIMENTS	INS104, Vestibulo Spinal Reflex Mechanisms, Reviews and Experiment Descriptions	1979 - 1980, n.d.
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NASA EXPERIMENTS	SL1-IIA-INT011, Instrument Interface Agreement, Tribological Experiments in Zero Gravity, Preliminary	June 12, 1978
NASA EXPERIMENTS	INT011, Tribology Experiment in Zero Gravity, Objectives, Descriptions, and Diagrams	August 1978, n.d.
NASA EXPERIMENTS	Spacelab 1 INT011, Tribology Experiments in Zero Gravity, Operating Procedures	1978 - 1982
NASA EXPERIMENTS	Spacelab 1 Mission Operations Requirements Document for Experiment INT011, Tribology Experiments in Zero Gravity, Review Copy	October 1980
NASA EXPERIMENTS	INT011, Tribology Experiment in Zero Gravity, Crew Training Experiment Overview	March 16, 1982
NASA EXPERIMENTS	Fowles, William W., "Remote Optical Techniques for Liquid Flow and Temperature Measurement for Spacelab Experiments"	n.d.
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NASA EXPERIMENTS	Spacelab 1 Mission Operations Requirements Document, INT012, Geophysical Fluid Flow (annotated)	September 12, 1979
NASA EXPERIMENTS	INT012, Geophysical Fluid Flow Experiment Operating Procedure (annotated)	November 2, 1979
NASA EXPERIMENTS	INT012, Geophysical Fluid Flow Objectives and Description	n.d.
<b>SubHeading:</b>	<b>Box Number: 64</b>	
SPACELAB 1 PAYLOAD OPERATING PROCEDURES - NASA EXP	MSFC-JA-095, Spacelab 1 Payload Operating Procedures INS001, (Imaging Spectrometric Observatory), Preliminary	July 12, 1982
SPACELAB 1 PAYLOAD OPERATING PROCEDURES - NASA EXP	MSFC JA-090, INS002 SEPAC (Space Experiments with Particle Accelerators), Spacelab 1 Operating Procedures, Final	August 1, 1983
SPACELAB 1 PAYLOAD OPERATING PROCEDURES - NASA EXP	MSFC JA-181, INS003 AEPI (Atmospheric Emission Photometric Imaging), Payload Operating Procedures, Final, Revision A	September 30, 1983
SPACELAB 1 PAYLOAD OPERATING PROCEDURES - NASA EXP	MSFC JA-08F, Spacelab 1 Payload Operating Procedures, INS005, (Far UV Observations Using the Faust Instrument), Preliminary and Final	July 12 1982, May 1, 1983
SPACELAB 1 PAYLOAD OPERATING PROCEDURES - NASA EXP	MSFC JA-350, Spacelab 1 Payload Operating Procedures INS006/007, HZE/PCR (HZE Particle Dosimetry / Characterization of Persisting Circadian Rhythms), Final and PCN-1	June 1, 1983 and November
SPACELAB 1 PAYLOAD OPERATING PROCEDURES - NASA EXP	MSFC JA-349, Spacelab 1 Payload Operating Procedures INA008 ACR (Active Cavity Radiometer Solar Irradiance Monitor), Final	May 1, 1983
SPACELAB 1 PAYLOAD OPERATING PROCEDURES - NASA EXP	MSFC JA-094, Spacelab 1 Payload Operating Procedures, INT011 (Tribology Experiments in Zero Gravity), Preliminary and Final	July 12, 1982 and June 1,
SPACELAB 1 PAYLOAD OPERATING PROCEDURES - NASA EXP	MSFC JA-239, Spacelab 1 Payload Operating Procedures, INS101 (Nutation of Helianthus Annuus), Preliminary	July 12, 1982
SPACELAB 1 PAYLOAD OPERATING PROCEDURES - NASA EXP	MSFC JA-240, Spacelab 1 Payload Operating Procedures, INS102 (Vestibular Experiments), Preliminary and Final	June 12, 1982 and June 1,
SPACELAB 1 PAYLOAD OPERATING PROCEDURES - NASA EXP	MSFC JA-238, Spacelab 1 Payload Operating Procedures INS103/105, (Influence of Space Flight Erythrokinetics in Man); IES026/032, (Measurement of Intrathoracic Venous Pressure), Preliminary and Final	June 12, 1982 and August
SPACELAB 1 PAYLOAD OPERATING PROCEDURES - NASA EXP	MSFC JA-241, Spacelab 1 Payload Operating Procedures, INS104, (Vestibulo Spi nal Reflex Mechanisms), Preliminary and Final	June 12, 1982 and June 1,
SPACELAB 1 PAYLOAD OPERATING PROCEDURES - NASA EXP	MSFC JA-350, Spacelab 1 Payload Operating Procedures IES356 (332/333), CRYMnC (Crystal Growth), Final	June 1, 1983
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SPACELAB 1 PAYLOAD OPERATING PROCEDURES ESA EXPERI	MSFC JA-261, IES013, Grille Spectrometer Payload Operating Procedures, Final, Revision A	September 30, 1983
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SPACELAB 1 PAYLOAD OPERATING PROCEDURES ESA EXPERI	MSFC JA-262, Spacelab 1 Payload Operating Procedures, IES016, SOLSPC (Solar Spectrum from 1900 A Degrees - 4 Micron), Final	June 1, 1983
SPACELAB 1 PAYLOAD OPERATING PROCEDURES ESA EXPERI	MSFC JA-263, Spacelab 1 Payload Operating Procedures IES017, LYMAN a (H and D Lyman Alpha), Preliminary and Final	June 1, 1983 and September
SPACELAB 1 PAYLOAD OPERATING PROCEDURES ESA EXPERI	MSFC JA-264, Spacelab 1 Payload Operating Procedures, IESS019A, ELECTR (Low Energy Electrons), Final and PCN-1	June 1, 1983 and November
SPACELAB 1 PAYLOAD OPERATING PROCEDURES ESA EXPERI	MSFC JA-233, Spacelab 1 Payload Operating Procedures, IES019B, (Low Energy Electrons), Preliminary, Final and PCN-1	November 26, 1982, May 15
SPACELAB 1 PAYLOAD OPERATING PROCEDURES ESA EXPERI	MSFC JA-266, Spacelab 1 Payload Operating Procedures, IES021, (Solar Constant), Preliminary	July 12, 1982
SPACELAB 1 PAYLOAD OPERATING PROCEDURES ESA EXPERI	MSFC JA-267, IES022 VWFC (Very Wide Field Camera), Spacelab 1 Payload Operating Procedures, Preliminary and Final	July 12, 1982 and September
SPACELAB 1 PAYLOAD OPERATING PROCEDURES ESA EXPERI	MSFC JA-234, Spacelab 1 Payload Operating Procedures, IES023, (X-Ray Spectroscopy), Preliminary	September 30, 1982
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SPACELAB 1 PAYLOAD OPERATING PROCEDURES ESA EXPERI	MSFC JA-236, Spacelab 1 Payload Operating Procedures IES027, (Advanced Biostack), Preliminary and Final	July 12, 1982 and May 15,
SPACELAB 1 PAYLOAD OPERATING PROCEDURES ESA EXPERI	MSFC JA-269, Spacelab 1 Payload Operating Procedures, IES028, (3 - Dimensional Ballistocardiography), Final	May 15, 1983
SPACELAB 1 PAYLOAD OPERATING PROCEDURES ESA EXPERI	MSFC JA-237, Spacelab 1 Payload Operating Procedures IES029, (Effect of Radiation), Preliminary and Final	July 12, 1982 and May 15,
SPACELAB 1 PAYLOAD OPERATING PROCEDURES ESA EXPERI	MSFC JA-271, Spacelab 1 Payload Operating Procedures, IES031, (Lymphocyte Proliferation in Weightlessness), Preliminary and Final	July 12, 1982 and August
SPACELAB 1 PAYLOAD OPERATING PROCEDURES ESA EXPERI	MSFC JA-272, IEA033, Metric Camera Payload Operating Procedures, Final, Revision A	September 30, 1983
SPACELAB 1 PAYLOAD OPERATING PROCEDURES ESA EXPERI	MSFC JA-242, Spacelab 1 Payload Operating Procedures IES201, (SLED Experiments), Final	August 29, 1983
SPACELAB 1 PAYLOAD OPERATING PROCEDURES ESA EXPERI	MSFC JA-274, IES300, MSDR (Material Science Facility), Vol. 1, Payload Operating Procedures, Final	August 1, 1983
SPACELAB 1 PAYLOAD OPERATING PROCEDURES ESA EXPERI	MSFC JA-374, Spacelab 1 IES300 (Material Science Facility), MSDR Data Handbook, Final and Revision A	September 14, 1983 and September
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GRILLE SPECTROMETER	Operations Datapack for IES013, Grille Spectrometer, Baseline	March 1, 1980
GRILLE SPECTROMETER	ESA Operations Datapack for IES013, Grille Spectrometer, Vol. 2: Parameter and Command Sheets	April 1, 1981
GRILLE SPECTROMETER	ESA Operations Datapack for IES013, Grille Spectrometer, Volume 3	April 1, 1981
GRILLE SPECTROMETER	Spacelab Mission 1, Payload Crew	June 1983

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GRILLE SPECTROMETER	Procedures Flow Charts? (Grille Spectrometer)	c. 1982
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VESTIBULAR EXPERIMENTS-CREW TRAINING AND RELATED A	Training Experiment for Otolith - Spinal Reflex Tests, Vestibular Experiments in SL-1, F05 of INS102 (NS102D)	February 8 - 9, 1979
VESTIBULAR EXPERIMENTS-CREW TRAINING AND RELATED A	SL-1 Payload Crew Training, F05 of INS102 (NS102D), (Vestibular Experiments)	September 24 - 28, 1979
VESTIBULAR EXPERIMENTS-CREW TRAINING AND RELATED A	Payload Crew Operations Review (PCOR), Experiment INS102	November 28, 1979
VESTIBULAR EXPERIMENTS-CREW TRAINING AND RELATED A	INS102 Spacelab 1 Vestibular Experiments Handouts	1979
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VESTIBULAR EXPERIMENTS-CREW TRAINING AND RELATED A	Spacelab 1 Experiment Operating Procedures, INS102, F02a - Vestibular Studies, VOR / Nystagmus Dumping (Dynamic Sled Experiments)	1979 - 1981
VESTIBULAR EXPERIMENTS-CREW TRAINING AND RELATED A	Spacelab 1 Experiment Operating Procedures, INS102, F04 - Vestibular Studies, Awareness of Position	1979 - 1982, n.d.
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VESTIBULAR EXPERIMENTS-CREW TRAINING AND RELATED A	Spacelab 1 Experiment Operating Procedures, INS102, F03 - Rotating Dome (Visually Induced Roll)	1979 - 1983
VESTIBULAR EXPERIMENTS-CREW TRAINING AND RELATED A	INS102, F06B (TR1,2), Vestibular Experiments, Head Movement and Motion Sickness Symptom Monitoring, Handouts for SL-1 Crew Training	August 10 - 21, 1981
VESTIBULAR EXPERIMENTS-CREW TRAINING AND RELATED A	Spacelab 1 Experiment Operating Procedures, INS102, F06B - Head Movement and Motion Sickness Symptom Monitoring	1982 - 1983
VESTIBULAR EXPERIMENTS-CREW TRAINING AND RELATED A	INS102 Experiment Overview	January 8, 1983
VESTIBULAR EXPERIMENTS-CREW TRAINING AND RELATED A	Lecture Notes, Linear Acceleration, Awareness of Position, Motion Sickness (notes)	n.d.
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VESTIBULAR EXPERIMENTS-CREW TRAINING AND RELATED A	Kenyon, Robert and Marcus, Eddy; Summary Report: Visual Vestibular Interaction on Spacelab 1 Crew	n.d.
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ASSESS	NASA / ESRO ASSESS Program, Various mission planning group meetings, correspondence and bulletins	1974 - 1975
ASSESS	NASA TM X-62,367 Interactive Data Management Systems for Airborne Research (ASSESS program)	August 1974
ASSESS	NASA ESRO / ASSESS Mission Presentation Materials	September 13, 1974
ASSESS	EMI Measurements on the "ASSESS" Aircraft (CV990) During the Joint ESRO - NASA Mission	November 14, 1974
ASSESS	NASA TM X-62,408 Preliminary Report on Lear Jet Shuttle/Spacelab Simulation - Mission No. 4 (ASSESS Program)	December 1974
ASSESS	Concept Verification Test / General Purpose Laboratory Simulator Users' Handbook	March 1975
ASSESS	NASA TM X-62,457 NASA / ESA CV-990 Spacelab Simulation Executive Summary	July 1975
ASSESS	Internal Memo, report and response on ASSESS results	September 1975
ASSESS	Headquarters briefing on ASSESS Program - Potential for Second Mission (including personal notes)	October 1975
ASSESS	NASA TM X-62,474 Spacelab Simulation Using a Lear Jet Aircraft - Mission No. 4 (ASSESS Program)	October 1975
ASSESS	FOD Assessment of the ASSESS Program	November - December 1975
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ASSESS	CV-990 NASA / ESRO ASSESS Mission correspondence, publicity, preliminary and final report outlines, debriefings, simulation materials, and maps	1975
ASSESS	NASA TM X-73,105, NASA / ESA CV-990 Spacelab Simulation Final Report	January 1976
ASSESS	Draft Summary of Parker and Smith participation in the 1975 ASSESS program	April 29, 1976
ASSESS	NASA TM X-73,150, NASA / ESA CV-990 Spacelab Simulation Final Report - Appendix A	July 1976
ASSESS	Letter from Parker to Carr B Neel expressing dissatisfaction over input into ASSESS I Final Report	August 6, 1976
ASSESS	NASA TM X-73, 182, NASA / ESA CV-990 Spacelab Simulation Final Report, Appendixes C, D, E, (ASSESS)	September 1976
ASSESS	NASATM 73,205, NASA / ESA CV-990 Spacelab Simulation Final Report - Appendix B	December 1976
ASSESS	Joint ESRO / NASA Experimenter's Meeting	November 20 - 21, 1974
ASSESS	Experiment Proposals for ASSESS Program, schedule, some results, solar eclipse plates	1974 - 1975

ASSESS	Meudon - Groningen ASSESS Experiments	April 1975
ASSESS	University of Alaska Experiment, ASSESS Program	1974 - 1975
ASSESS	Jet Propulsion Laboratory Experiment, ASSESS Program	1974 - 1975
ASSESS	Colorado 1/8 m Spectrometer Experiment	May 1975
ASSESS	NOAA Experiment, ASSESS Experiment	May 1975
ASSESS	Queen Mary College (London) Experiment, ASSESS program	1975
ASSESS	University of Southampton Experiment, ASSESS Program	1975
ASSESS	University of New Mexico Experiment, ASSESS Program	1974
ASSESS	Graphic Time Table of the Heavens, Maryland Academy of Sciences	1975
ASSESS	University of Alaska, "Airborne Measurements of Solar and Planetary Near Ultraviolet Radiation During the NASA / ESA CV-990 Spacelab Simulation," Final Report	April 1977
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ASSESS	Trip to Milan, Italy, correspondence, guides, agenda, maps	May 9 - May 14, 1976
ASSESS	Various ASSESS II Documents (early) including role of mission specialist, list of participants, etc.	1976 - 1977
ASSESS	Headquarters Review of ASSESS II on February 3 and 4	February 7, 1977
ASSESS	JSC-10563, ASSESS II Mission Implementation Plan, Final	February 1977
ASSESS	ASSESS II Flight Plans	March 4, 1977
ASSESS	NASA / ESA ASSESS II Mission Steering Group Meeting Minutes	March 9, 1977
ASSESS	ASSESS II Mission Progress Report	March 10, 1977
ASSESS	Memo designating Robert Parker as backup mission specialist for ASSESS II	March 15, 1977
ASSESS	ASSESS II Mission POCC Operations Handbook	March 1977
ASSESS	ASSESS II Flight Operations Support Team Assignments	April 13, 1977
ASSESS	Various ASSESS II Documents including mission rules	April 15 - 28, 1977
ASSESS	JSC-12752, ASSESS II Integrated Mission Simulation Plan, Final	April 25, 1977
ASSESS	JSC-10581, ASSESS II Integrated Summary Crew Activity Plan, Final	April 25, 1977
ASSESS	ASSESS II Progress Report	April 25, 1977
ASSESS	ASSESS II Mission Data Requirements Document	April 1977
ASSESS	ASSESS II Payload Flight Definition Requirements Document, Final	April 1977
ASSESS	NASA / ESRO CV-990 Spacelab Simulation (ASSESS II), Executive Summary	July 1977
ASSESS	ASSESS II Mission Specialist Post-mission Report	July 28, 1977
ASSESS	ASSESS II STS Flight Operations Post-mission Report	October 1977

ASSESS	Additions and Corrections to ASSESS II Final Payload Flight Definition Requirements Document	1977
ASSESS	Final Report CR-152122, NASA / ESA CV-990 Spacelab Simulation (ASSESS II)	January 1978
ASSESS	Preliminary JSC Evaluation of ASSESS II, Draft	n.d.
ASSESS	ADDAS Experiment, ASSESS II Mission	n.d.
ASSESS	Miscellaneous ASSESS II Materials	n.d.
ASSESS	Personal notes, related article	n.d.
<b>SubHeading:</b>	<b>Box Number: 71</b>	
ASTRO-1	NASA TN D-5020, Scientific Experiments for the Apollo Telescope Mount	March 1969
ASTRO-1	Post Apollo Lunar Science	July 1972
ASTRO-1	MSFC-STD-512, Standard Man / System Design Criteria for Manned Orbiting Payloads	August 12, 1974
ASTRO-1	Report of the Solar Astronomy Task Force to the Ad Hoc Interagency Coordinating Committee on Astronomy	June 1975
ASTRO-1	ASTRO Mission Payload Specialist Technical and Professional Qualifications	April 1983
ASTRO-1	Announcement of ASTRO Payload Specialists	June 20, 1984
ASTRO-1	Hopkins Ultraviolet Telescope (HUT) Preliminary Instrument Review	February 16 - 17, 1982
ASTRO-1	Hopkins Ultraviolet Telescope Explanation of Experiment	August 1983
ASTRO-1	Updated HUT Experiment Computer Software Requirements - Revision B	February 1984
ASTRO-1	HUT Dedicated Experiment Processor (DEP) Software Requirements, Revision B	February 1984
ASTRO-1	KSL 84-27, HUT Aperture Wheel Positions	June 1, 1984
ASTRO-1	MSFC-DOC-1188, Mission Operations Requirements Document for Experiment #21, Hopkins Ultraviolet Telescope, Baseline	October 1984
<b>SubHeading:</b>	<b>Box Number: 72</b>	
ASTRO-1	Overview of the Hopkins Ultraviolet Telescope (HUT) Processing System	November 15, 1984
ASTRO-1	JA-424, Section 3: Hopkins Ultraviolet Telescope (HUT)	February 1985
ASTRO-1	HUT User's Handy Reference Guide	August 21, 1985
ASTRO-1	MSFC JA-513, Hopkins Ultraviolet Telescope (HUT) Payload Flight Data File (ASTRO-1), Final	August 11, 1986
ASTRO-1	Miscellaneous HUT documents	n.d.
ASTRO-1	An Ultraviolet Imaging Telescope for Astronomical Investigations from Spacelab	November 1978
ASTRO-1	UIT / OSS Preliminary Instrument Review, Agenda	February 18, 1982
ASTRO-1	Ultraviolet Imaging Telescope description	August 1983
ASTRO-1	Ultraviolet Imaging Telescope Program Plan, Revision A	November 1, 1983
ASTRO-1	ASTRO-1 Ultraviolet Imaging Telescope (UIT) Flight Operations	May 18, 1984

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ASTRO-1	MSFC-DOC-1175, ASTRO-1 Mission Operations Requirements Document for Experiment #22: Ultraviolet Imaging Telescope (Baseline)	September 1984
ASTRO-1	UIT Image Motion Compensation Actuator (IMCA)	September 25, 1984
ASTRO-1	Requirements sheet for GSFC Ultraviolet Imaging Telescope	November 1, 1984
ASTRO-1	JA-424, Section 4: Ultraviolet Imaging Telescope (UIT)	February 1985
ASTRO-1	UIT Alternate Procedures	January 10, 1986
ASTRO-1	MSFC JA-514, ASTRO-1 UIT Final Payload Flight Data File	January 13, 1986
ASTRO-1	Updated UIT Operating Procedures	January 31, 1986
ASTRO-1	Miscellaneous UIT documents	n.d.
ASTRO-1	Wisconsin Ultraviolet Photo Polarimeter Experiment (WUPPE)	August 1983
ASTRO-1	WUPPE Operations Requirements / Procedures Revision A	November 1983
ASTRO-1	Preliminary WUPPE Activation Phase	December 10, 1983
ASTRO-1	ASTRO-1 WUPPE Flight Operations Review	May 18, 1984
ASTRO-1	MSFC-DOC-1183, ASTRO-1 Mission Operations Requirements Document for Experiment #23 (WUPPE)Baseline	August 1984
ASTRO-1	WUPPE Operations Requirements / Procedures Manual, Revision B (draft)	October 1984
<b>SubHeading:</b>	<b>Box Number: 73</b>	
ASTRO-1	WUPPE Guest Observer Information	June 30, 1985
ASTRO-1	ASTRO-1 WUPPEE PCTC Training	July 9, 1985
ASTRO-1	MSFC JA-512, ASTRO-1 WUPPE Payload Flight Data File, Final	January 31, 1986
ASTRO-1	WUPPE Spectropolarimetry 1300-3300A	n.d.
ASTRO-1	Wide Field Camera	August 1983
ASTRO-1	MSFC-DOC-1174, ASTRO-1 Mission Operations Requirements Document for Experiment #24 - Wide Field Camera (WFC), Baseline	August 1984
ASTRO-1	ASTRO-1 WFC Crew Training	December 4, 1984
ASTRO-1	Various WFC Documents	1984
ASTRO-1	JA-424, Section 5: Wide Field Camera (requirements)	February 1985
ASTRO-1	JA-424, Section 6: Image Motion Compensation (requirements)	February 1985
ASTRO-1	JA-424, Joint Operations (requirements)	February 1985
ASTRO-1	MSFC JA-507, ASTRO-1 WFC Payload Flight Data File, Final	January 20, 1986
ASTRO-1	Requirements Sheet for Wide Field Camera	n.d.
ASTRO-1	Image Motion Compensation System (IMCS)	August 1983
ASTRO-1	ASTRO-1 IMCS Flight Operations Review	May 23, 1984
ASTRO-1	JA-424, Image Motion Compensation System Operating Procedures	July 1984
ASTRO-1	MSFC-DOC-1160, ASTRO-1 Mission Operations Requirements Document for the IMCS, Baseline	August 1984
ASTRO-1	Various IMCS documents, personal	1984 - 1986

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ASTRO-1	NAS8-32712, ASTRO-1 IMCS Electronics Flight Software User's Guide	January 1986
ASTRO-1	MSFC JA-516, ASTRO-1 IMCS Payload Flight Data File, Final	January 13, 1986
ASTRO-1	IMCS Software General Overview	n.d.
ASTRO-1	Parker memo re: Joint Operations Issues	August 14, 1984
ASTRO-1	Engineering Change Request, ASTRO-1 Joint Operations (ECAS)	October 3, 1984
ASTRO-1	MSFC-DOC-1187, ASTRO-1 Mission Operations Requirements Document for Joint Observations, Baseline	October 1984
ASTRO-1	Second ASTRO-1 Joint Operations Working Group Meeting Minutes	July 9, 1986
ASTRO-1	Joint Operations Flow Char Presentation Sequence	n.d.
ASTRO-1	ASTRO-1 Flight Data File Target Book	c. January 15 - 17, 1986
ASTRO-1	ASTRO-1 Flight Data File Target Book	c. December 17 - 18, 1986
<b>SubHeading:</b>	<b>Box Number: 74</b>	
ASTRO-1	ASTRO-1 Flight Data File Operations Data Sources	July 2, 1985
ASTRO-1	JSC-20684-34, Flight Data File - Crew Activity Plan, STS-61E (Cycle 2 Trajectory), Final	January 30, 1986
ASTRO-1	MSFC JA-678R, ASTRO-1 Payload Crew Activity Plan (Red), Payload Flight Data File (Final)	March7, 1986
ASTRO-1	MSFC JA-678B, ASTRO-1 Payload Crew Activity Plan (Blue), Payload Flight Data File (Final)	March 7, 1986
ASTRO-1	MSFC JA-515, ASTRO-1 Joint Operations Payload Flight Data File (Final)	April 10, 1986
ASTRO-1	MSFC JA-682, ASTRO-1 Target Book, Payload Flight Data File (Basic)	April 22, 1986
ASTRO-1	ASTRO-1 Training Schedules and other associated material	1984
<b>SubHeading:</b>	<b>Box Number: 75</b>	
ASTRO-1	ASTRO-1 Training Materials	1984 - 1986
ASTRO-1	JA-572, ASTRO-1 Flight Definition Document (FDD) (Basic), Appendix C: Payload Timeline Summary (PTS)	November 1985
ASTRO-1	Flight Planning Documents, ASTRO-1	1984 - 1985
ASTRO-1	ASTRO-1 Flight Techniques Meetings	1985
ASTRO-1	JA-519, ASTRO-1 Spacelab Systems to Experiments Interface Schematics (Basic, Revision A)	March 1986
ASTRO-1	ASTRO-1 IPS Objective Loads Data	April 14, 1986
ASTRO-1	JA-518, ASTRO-1 Experiment Computer Downlinked Error Messages (Basic, Revision A)	April 1986
ASTRO-1	ASTRO: A Spacelab Payload	n.d.
ASTRO-1	Various ASTRO-1 Documents	1984 - 1985
ASTRO-1	Miscellaneous ASTRO-1 materials (2 folders)	1984 - 1986
<b>SubHeading:</b>	<b>Box Number: 76</b>	
ASTRO-1	Miscellaneous ASTRO-1 Material	1985 - 1986
ASTRO-1	Schematic Drawings	n.d.

ASTRO-1	Parker's personal notes on ASTRO-1 Mission (2 notebooks)	January 1984 - January 19
ASTRO-1	ASTRO-1 Telemail Messages	1984 - 1986
ASTRO-1	JSC-19413, Revision C, Shuttle Inflight Anomaly List and Flight Data	June 1984
ASTRO-1	STS-61E Cargo Integration Review Flight Operations Support (personal notes)	March 26, 1985
ASTRO-1	STS-61E Cargo Integration Review Dry Run	March 26, 1985
ASTRO-1	STS 61E Flight Operations Planning Meeting and Review	June 1985
ASTRO-1	ASTRO-1 Payload Overview	July 11, 1985
ASTRO-1	STS 61E Mission Integration Control Board (MICB) for Operational Flight Profile, Cycle 1	July 12, 1985
ASTRO-1	STS 61E Mission Overview Briefing	July 12, 1985
ASTRO-1	ASTRO-1 Flight Operations Review, STS 61E	December 18 - 20, 1985
ASTRO-1	Closeout of STS 61E FOR Action Items	May 28, 1986
ASTRO-1	JSC-17462-61-E, Appendix A, STS 61E Flight Design Groundrules and Constraints, Level A	n.d.
ASTRO-1	IMCS ASTRO Project System and Elements Requirements	March 1983
ASTRO-1	ASTRO-1 Mission IMCE Status	November 29, 1983
ASTRO-1	Overview of MSFC Payload Training Program for Spacelab Missions	November 1983
<b>SubHeading:</b>	<b>Box Number: 77</b>	
ASTRO-1	Mission / Flight Planning presentation charts	November 1983
ASTRO-1	ASTRO-1 Operations (briefing charts)	March 1984
ASTRO-1	SL-2 EVA (briefing charts)	March 1984
ASTRO-1	ASTRO-1 Mission Integrated Payload Phase II Hazard Analysis and Safety Compliance Data	March 1984
ASTRO-1	ASTRO-1 Mixed Versus Dedicated Mission Issues, Presentation to Headquarters	April 2, 1984
ASTRO-1	STS Concerns on ASTRO Payloads (personal memo attached)	March 28, 1984
ASTRO-1	ASTRO-1 Phase II Payload Safety Review, minutes	May 22, 1984
ASTRO-1	ASTRO Brochure Outline	September 6, 1984
ASTRO-1	JSC-17952, Orbiter Crash and Rescue Information	October 1984
ASTRO-1	ASTRO-1 FDD, Appendix A: (Orbital Mechanics Analysis) FOR	November 1984
ASTRO-1	ASTRO-1 Stawman Contingency Operations	1984 - 1985
ASTRO-1	Stellar POWG Splinter Meeting	January 1985
ASTRO-1	First ASTRO-1 Payload Operations Working Group minutes	January 29, 1985
ASTRO-1	JA-424, ASTRO-1 Software Requirements Document	February 1985
ASTRO-1	Second ASTRO-1 Payload Operations Working Group, minutes	May 31, 1985
ASTRO-1	JSC-20919, ASTRO-1 Joint Operations Interface Procedure, Basic	November 1985
ASTRO-1	JA-572, ASTRO-1 FDD, Appendix D: Detailed Timeline Data	November 1985

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ASTRO-1	JA-572, ASTRO-1 FDD Summary - Mission Planning Requirements	November 1985
ASTRO-1	JA-572, ASTRO-1 FDD, Appendix A: Orbital Mechanics Analysis	November 1985
ASTRO-1	ASTRO-1 Team Meeting Minutes	February 5, 1986
ASTRO-1	JA-572, ASTRO-1 Flight Definition Document (FDD) Summary (Final)	May 1986
ASTRO-1	JSC-14065, Revision A, Spacelab Mission ASTRO-1 Payload Integration Plan - Command and Data Annex, Volume 2	June 1986
ASTRO-1	Instrument Co-alignment Requirements	n.d.
ASTRO-1	ASTRO-1 CIR Spacelab Engineering Compatibility	n.d.
ASTRO-1	Observations of Comet Halley from Earth Orbit: A Contribution by the United States	May 1982
ASTRO-1	Comet Halley material	1983
ASTRO-1	ASTRO Halley Science Team, 1st Meeting	May 21 - 22, 1984
ASTRO-1	ASTRO Halley Science Team, 5th Meeting	April 4, 1985
ASTRO-1	ASTRO Halley Science Team 6th Meeting (Minutes and Supplemental Minutes)	June 28, 1985
ASTRO-1	OSS-3 WUPPE PIR	n.d.
<b>SubHeading:</b>	<b>Box Number: 79</b>	
ASTRO-1	OSS-4 IWG Meeting #4	October 20 - 21, 1982
ASTRO-1	ASTRO Investigator's 6th Meeting, MSFC	August 2 - 5, 1983
ASTRO-1	ASTRO Program Status Review, 6th IWG	August 3, 1983
ASTRO-1	ASTRO Investigator's 7th Meeting, KSC	November 29 - 30, 1983
ASTRO-1	ASTRO Program Status (briefing charts)	November 29, 1983
ASTRO-1	ASTRO Investigator's Working Group, 8th Meeting, JSC	March 7 - 8, 1984
ASTRO-1	ASTRO Investigator's Working Group, 9th Meeting	June 19 - 20, 1984
ASTRO-1	ASTRO Investigator's Working Group, 10th Meeting, NRA Observatory Headquarters	September 18 - 21, 1984
ASTRO-1	Papers from AIWG, 10th Meeting	September 18 - 21, 1984
ASTRO-1	ASTRO Investigator's Working Group, 11th Meeting, GSFC	February 11 - 12, 1985
ASTRO-1	ASTRO Guest Investigator Program Guidelines	December 20, 1985
ASTRO-1	ASTRO Guest Investigator Program Update	January 24, 1986
ASTRO-1	ASTRO Guest Investigator Program Postponed	February 25, 1986
<b>SubHeading:</b>	<b>Box Number: 80</b>	
ASTRO-1	Article "The (NII)/Ha Ratio in NGC 6888", Publisher's Information, Manuscript Drafts, Telescope Plates, Correspondence	March 1978
ASTRO-1	Article "The (NII)/Ha Ratio in NGC 6888", Various Drafts	N/D
ASTRO-1	Article "The (NII)/Ha Ratio in NGC 6888", Miscellaneous Notes, Research	c. 1977

ASTRO-1	Article "The (NII)/Ha Ratio in NGC 6888", Finished Article (Reprint)	Sept. 15, 1978
ASTRO-1	Letter Concerning Selection of Steve Hawley as Astronaut, and "(NII)/Ha Ratio" Article	Jan. 18, 1978
ASTRO-1	84" Data for "NGC 6888" Article	c. 1977
ASTRO-1	Astronomical Research, Observations, Charts	Aug. 1976-Aug. 1977
ASTRO-1	Astronomical Charts for Star Clusters (?) 2509, 6888, 6563-60	N/D
ASTRO-1	Research, Observations on NGC 6888	N/D
ASTRO-1	Article "The (NII)/Ha Ratio in NGC 6888", Publisher & Other Correspondence, Various Observations & Drafts, Related Research	1977 - 1978
ASTRO-1	PDS Programs & Materials	c. 1974 -
<b>SubHeading:</b>	<b>Box Number: 81</b>	
ASTRONOMY RESEARCH AND PAPERS	Various Personal Notes, Mainly for NGC 6888 Article	c. 1974
ASTRONOMY RESEARCH AND PAPERS	H&D Curves (For NGC 6888 Article?)	N/D
ASTRONOMY RESEARCH AND PAPERS	Figures & Tables for NGC 6888 Article, Related Research Articles, Draft of Article	c. 1977
ASTRONOMY RESEARCH AND PAPERS	LICK Scanner Material for NGC 6888 Article, Correspondence	1975
ASTRONOMY RESEARCH AND PAPERS	Plate Reduction, Various Research Material for NGC 6888 Article	1976 - 1977
ASTRONOMY RESEARCH AND PAPERS	Observing Notes on 36" Direct	c. Sept. 1974
ASTRONOMY RESEARCH AND PAPERS	Data Smoothing	N/D
ASTRONOMY RESEARCH AND PAPERS	Houston Computing (Richard Hill), Data, Plates	1975
ASTRONOMY RESEARCH AND PAPERS	DX and DY's (NGX 6888), Charts & Diagrams	N/D
ASTRONOMY RESEARCH AND PAPERS	Article "Narrow Band Photography of the Monoceros Loop", Correspondence, Various Drafts, Related Research	1977
ASTRONOMY RESEARCH AND PAPERS	Article "A New Optical Supernova Remnant in Cygnus", Plates, Drafts, Correspondence	1977
ASTRONOMY RESEARCH AND PAPERS	Paper "The Interaction of Expanding Shells with the Interstellar Medium", AAS Meeting, Tucson, AZ	1973
ASTRONOMY RESEARCH AND PAPERS	Notes, Charts	Oct. 1967
ASTRONOMY RESEARCH AND PAPERS	Article "A Model for the 'Filaments' in the Cygnus Loop", Drafts, Correspondence, Charts, Plates, Finished Product	1966 - 1968
<b>SubHeading:</b>	<b>Box Number: 82</b>	
ASTRONOMY RESEARCH AND PAPERS	"Splendors of the Sky", by Charles & Helen Federer	1943
ASTRONOMY RESEARCH AND PAPERS	Miscellaneous Class, & Lecture Notes on Sciences & Space	1960 -
ASTRONOMY RESEARCH AND PAPERS	Astronaut Office, Correspondence and Memos	1967
ASTRONOMY RESEARCH AND PAPERS	"Assembler - The Future Profession of an Astronaut", by Col A. Nikolayev, N68-15733	1967
ASTRONOMY RESEARCH AND PAPERS	Analysis of Apollo AS-501 Mission Earth Photography, NASA TM X-	Feb. 1968

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ASTRONOMY RESEARCH AND PAPERS	Apollo 502 Color Photography of Earth Resources, X68-86893	May 6, 1968
ASTRONOMY RESEARCH AND PAPERS	Geologic Orbital Photography: Experience from the Gemini Program, NASA TM X-63244	June 1968
ASTRONOMY RESEARCH AND PAPERS	Scientist - Astronaut Group Photographs	1968
ASTRONOMY RESEARCH AND PAPERS	Bellcom, Inc. Proposals	1968 - 1969
ASTRONOMY RESEARCH AND PAPERS	Various Lecture Notes and Course Materials	1970 - 1972
ASTRONOMY RESEARCH AND PAPERS	Memo - "Resources Required of JSC in Support of an Astronaut Office for Space Applications (AOSA)"	Oct. 22, 1973
ASTRONOMY RESEARCH AND PAPERS	Various Memos and Memorandum	1976
ASTRONOMY RESEARCH AND PAPERS	Astronaut Office Correspondence and Memos	1976 - 1978
ASTRONOMY RESEARCH AND PAPERS	"The Mars Declaration" by the Planetary Society, (Personal Letter to Parker signed by Carl Sagen and others)	Oct. 16, 1987
ASTRONOMY RESEARCH AND PAPERS	Paper "Elements of Space and Reentry Mechanics", by Harm Buning	n/d
ASTRONOMY RESEARCH AND PAPERS	"Space Photography", by Richard W. Underwood	N/D
ASTRONOMY RESEARCH AND PAPERS	"Some Notes on Fundamental Computer Concepts" by Thomas F. Woods	N/D
<b>SubHeading:</b>	<b>Box Number: 83</b>	
ASTRONOMY RESEARCH AND PAPERS	Article "The (OIII) Temperature for One 'Filament' in the Cygnus Loop", Correspondence, Drafts	1968 - 1969
ASTRONOMY RESEARCH AND PAPERS	Symposium on HII Regions, University of Virginia, Correspondence, Program	Dec. 8 - 11, 1967
ASTRONOMY RESEARCH AND PAPERS	Conference on Seyfert Galaxies & Related Objects, Tucson, AZ, Correspondence, Program	Feb. 14 - 16, 1968
ASTRONOMY RESEARCH AND PAPERS	Miscellaneous Astronomical Research, Charts (1)	N/D
ASTRONOMY RESEARCH AND PAPERS	Miscellaneous Astronomical Research, Charts (2)	N/D
ASTRONOMY RESEARCH AND PAPERS	Correspondence with Dr. David Hogg, National Radio Astronomy Observatory	1963
ASTRONOMY RESEARCH AND PAPERS	Correspondence with Various Observatories, Related Research Articles, Charts	1964 - 1965
ASTRONOMY RESEARCH AND PAPERS	Article Revisions, Correspondence, Reprinted Articles	1963 - 1964
ASTRONOMY RESEARCH AND PAPERS	Referee Reports on Articles, Correspondence, Critiques	1963
ASTRONOMY RESEARCH AND PAPERS	Correspondence, Reprints, Related Research	1966 - 1967
ASTRONOMY RESEARCH AND PAPERS	Various Article Reprints, Drafts	N/D
ASTRONOMY RESEARCH AND PAPERS	Grant, Summer 1964, Correspondence, Accounts "An Investigation of the Source of Excitation of the Cygnus Loop"	1963 - 1965
ASTRONOMY RESEARCH AND PAPERS	"Spectrophotometric Investigation of the Mechanism of Excitation of the Network Nebulae" by S. B. Pikelner, Russian Journal, Correspondence	1965
<b>SubHeading:</b>	<b>Box Number: 84</b>	

MISCELLANEOUS MATERIALS	Miscellaneous research notes, correspondence, and article reprints	various dates
MISCELLANEOUS MATERIALS	"A Spectral Criterion of Absolute Magnitude for Wolf-Rayet Stars", Honors Thesis, Amherst College	May 1958
MISCELLANEOUS MATERIALS	Change 1 to MSC-07387, Crew Station Specifications	February 1, 1973
MISCELLANEOUS MATERIALS	Mission Stress Survey, Parker Comments and Chart	February 6, 1974
MISCELLANEOUS MATERIALS	J. P. Allen and J. P. Kerwin, Role Of Manned Spaceflight (draft)	April 1975
MISCELLANEOUS MATERIALS	SMS 2 Life Sciences Checklist (final)	January 23, 1976
MISCELLANEOUS MATERIALS	Future Utilization of Space Conference Proceedings	1974 - 1975
MISCELLANEOUS MATERIALS	Display Systems materials	December 1975 - March 197
MISCELLANEOUS MATERIALS	JFK Space Center Schedules and Status Summary, Volume 2 - Payload Integration	November 24, 1975
MISCELLANEOUS MATERIALS	Life Sciences Payload Mission Simulation I, Mission Specialist Report	March 1975
MISCELLANEOUS MATERIALS	Miscellaneous memos	July 1976 - January 1977