

## Preliminary Inventory

**Accession #:** 2023-076

**Collection title and dates:** Richard Covey Papers

<u>Box #</u>	<u>Types of Materials</u>	<u>Item Description</u>
Box 1	Description	Recordings and Films Related to the U.S. Space Shuttle Program, 1982-2007.
Box 1	Papers	Blue Scrapbook Album with "Floor Proceedings of the United States Senate and U.S. House of Representatives Regarding the Flight of Discovery September 29 – October 3, 1988."
Box 1	VHS Tape	"STS-3 T-38 Chase: Video Hilites: Press Conf" Written in Black Marker on the Tape: Circa. 1982.
Box 1	VHS Tape	"Mission-Salvage" Title Printed on Label on Tape: 09/29/1986.
Box 1	VHS Tape	"JSC 876 51-I Press Conference" Title Printed on Label on the Tape: 02/10/1987.
Box 1	VHS Tape	"CNN Interview with STS-26 Crew Wives" Title Printed on Label on the Tape: 10/07/1988.
Box 1	VHS Tape	"Network STS-26 Crew Interviews" Title Printed on Label on the Tape: 10/12/1988.
Box 1	VHS Tape	"STS-26 Post FLT Press Conf/Sound JSC-1075" Title Printed on Label on Tape: 10/19/1988.
Box 1	VHS Tape	"STS-26 Mission Highlights" Title Printed on Label on the Tape: 10/25/1988.
Box 1	VHS Tape	"STS-38 Landing" Title Printed on Label on the Tape: 11/20/1990.
Box 1	VHS Tape	"STA Landing Training/KSC/AM Flight" Title Printed on Label on Tape: 02/27/1992.
Box 1	VHS Tape	"STS-61 Crew Preflight Press Briefing" Title Printed on Label on Tape: 11/18/1993.
Box 1	VHS Tape	"STS-61 Post Flt. Press Conf. SOUND JSC 1394" Title Printed on Label on Tape: 01/11/1994.
Box 1	VHS Tape	"Astronaut Scholarship Foundation: 2004 Hall of Fame Induction Gala" Title Printed on Label on Tape's Case: 04/30/2004.
Box 1	Cassette Tape	"STS-26 Wake Up Calls" Title Printed on Label on the Tape:09/30/1988-10/18/1988.
Box 1	Cassette Tape	"STS-26 Mission Highlights" Title Printed on Label on the Tape: Circa. 1988.
Box 1	CD	"Richard O. Covey Oral History" NASA Johnson Space Center Oral History Project from 1 November 2006: CD 1 of 2.
Box 1	CD	"Richard O. Covey Oral History" NASA Johnson Space Center Oral History Project from 1 November 2006: CD 2 of 2.

Box 1	CD	"Richard O. Covey Oral History" NASA Johnson Space Center Oral History Project from 7 February 2007: CD 1 of 2.
Box 1	CD	"Richard O. Covey Oral History" NASA Johnson Space Center Oral History Project from 7 February 2007: CD 2 of 2.
Box 1	CD	"Richard O. Covey Oral History" Johnson Space Center Oral History Project from 28 March 2007: CD 1 of 2.
Box 1	CD	"Richard O. Covey Oral History" Johnson Space Center Oral History Project from 28 March 2007 CD 2 of 2.
Box 1	CD	"Richard O. Covey" NASA Johnson Space Center Oral History Project from 15 November 2007: CD 1 of 2.
Box 1	CD	"Richard O. Covey" NASA Johnson Space Center Oral History Project from 15 November 2007: CD 2 of 2.
Box 1	16MM Film	"Richard O. Covey Astronaut National Aeronautics and Space Administration" 16MM Film Reel: N.D.
Box 1	16MM Film	"STS-26 Post Flight Press Conference" Titled Printed on Label on Reel Case: March 1973.
Box 1	16MM Film	"STS-61 Crew Presentation" Titled Printed on Label on Reel Case: March 1973.
Box 1	16MM Film	"STS-26 Mission Report" Titled Printed on Label on Yellow Reel Case: March 1973.
Box 1	16MM Film	"STS-38 Crew Presentation Clip" Titled Printed on Label on Reel Case: March 1973.
Box 2	Description	Personal Notebooks and STS Flight Crew Reports, 1978-1993.
Box 2	Journal	Personal Notebook from NASA/JSC, "BFS 1978-79," 28 August 1978-11 June 1979.
Box 2	Journal	Personal Notebook from NASA/JSC, "FSL/SAIC 1979-80," 11 June 1979-03 March 1980.
Box 2	Journal	Personal Notebook from NASA/JSC, "BFS Notes 1980-81," 03 March 1980-13 December 1981.
Box 2	Journal	Personal Notebook from NASA/JSC, "1981," 07 May 1981-26 January 1982.
Box 2	Journal	Personal Notebook from NASA/JSC, "STS-3 Chase Team 1982," 15 December 1981-28 April 1982.
Box 2	Journal	Personal Notebook from NASA/JSC, "Support Crew STS-5 STS-6 1982-83," 27 April 1982-26 October 1983.
Box 2	Journal	Personal Notebook from NASA/JSC, "Space Flight Safety Panel 1989," 06 July 1989-14 December 1989.
Box 2	Journal	Personal Notebook from NASA/JSC, "STS-38 CB 1989-91," 12 July 1989-27 September 1991.
Box 2	Journal	Personal Notebook from NASA/JSC, "FCOD 1991-92," 15 September 1991-04 December 1992.
Box 2	Journal	Personal Notebook from NASA/JSC, "STS-61 Late 1992-93," 08 December 1992-18 October 1992.
Box 2	Film	Film in Black Case, "JSC 876 51-I Press Conference," 10 February 1987.

Box 2	Papers	NASA Packet, "STS-1 Technical Crew Debriefing," April 1981.
Box 2	Papers	NASA Packet, "STS-3 Chase Team Report," October 1982.
Box 2	Papers	NASA Packet, "STS-5 Flight Crew Report," March 1983.
Box 2	Papers	NASA Packet, "STS-7 Flight Crew Report," 31 August 1983.
Box 2	Papers	NASA Packet, "STS 41-C Flight Crew Report," 24 May 1984.
Box 2	Papers	NASA Packet, "STS 41-B Flight Crew Report," June 1984.
Box 2	Papers	John Young Memo, "STS-9 Flightcrew Report," 08 June 1984.
Box 2	Papers	NASA Packet, "STS-8 Flight Crew Report," July 1984.
Box 2	Papers	NASA Packet, "STS 41-G Flight Crew Report," 20 December 1984.
Box 2	Papers	NASA Packet, "STS 41-D Flightcrew Report," 08 January 1985.
Box 2	Papers	NASA Packet, "STS 51-A Flightcrew Report," 28 March 1985.
Box 2	Papers	NASA Packet, "STS 51-F Flightcrew Report," 05 December 1985.
Box 2	Papers	NASA Packet, "STS-27 Flight Crew Report," 07 September 1989.
Box 2	Papers	NASA Packet, "STS-30 Flight Crew Report," 12 September 1989.
Box 2	Papers	NASA Packet, "STS-28 Flight Crew Report and Astronaut Office Job Assignments," 20 March 1990.
Box 2	Papers	NASA Packet, "STS-36 Flight Crew Report and Astronaut Office Job Assignments," 16 July 1990.
Box 2	Papers	NASA Packet, "STS-41 Flight Crew Report," 19 November 1990.
Box 2	Papers	Packet, "STS-58 Flight Crew Report," Circa. 1991.
Box 2	Papers	NASA Packet, "STS-35 Flight Crew Report and Astronaut Office Job Assignments," 29 March 1991.
Box 2	Papers	NASA Packet, "STS-43 Flight Crew Report and Astronaut Office Job Assignments," 08 October 1991.
Box 2	Papers	NASA Packet, "STS-48 Flight Crew Report," 13 January 1992.
Box 2	Papers	NASA Packet, "STS-32 Flight Crew Report," 28 April (year?).
Box 2	Papers	NASA Packet, "STS-40 Flight Crew Report," 10 June 1992.
Box 2	Papers	NASA Packet, "STS-44 Flight Crew Report," 14 July 1992.
Box 2	Papers	NASA Packet, "STS-42 Flight Crew Report," 21 July 1992.
Box 2	Papers	NASA Packet, "STS-50 Flight Crew Report," 22 February 1993.
Box 2	Papers	U.S. Government Packet, "STS-56 Quick Look Crew Report," 03 May 1993.
Box 2	Papers	NASA Packet, "STS-57 Flight Crew Report," 31 August 1993.
Box 2	Papers	NASA Packet, "STS-54 Flight Crew Report," 09 September 1993.
Box 2	Papers	NASA Packet, "STS-55 Flight Crew Report," 06 December 1993.
Box 3	Description	NASA Memorandum and John Young Memos, 1978-1994.
Box 3	Folder	"STS-3 Report/STS-3 Chase Team Leader," 1980-1982.

		NASA Packet, "Orbiter Touchdown Height Estimation," 03 December 1980.
		Packet, "Orbiter Chase Intercept Procedures," N.D.
		Packet, STS-3 Charts, N.D.
		NASA Packet, "Shuttle Training Aircraft Touchdown Height Estimation," 25 January 1981.
		NASA Packet, "STS-3 Orbiter Chase Operations," 16 April 1982.
Box 3	Folder	"CDR Read File/STS-38/STS-6/Commanders Read File," 1986-1992.
		NASA Paper, "Administrative Timeline," 14 November 1989.
		NASA Packet, "Astronaut Appearance Policy," 26 August 1992.
		NASA Packet, "High Density Altitude Takeoffs in the T-38 Aircraft," 30 June 1992.
		NASA Paper, "Advanced Solid Rocket Motor," 12 June 1992.
		NASA Paper, "Kennedy Space Center (KSC) Crew Quarters Policy," 02 June 1992.
		NASA Paper, "Inflight and Training Crew Shirts," 27 March 1992.
		NASA Paper, "High/Medium Risk Activity Policy," 06 June 1991.
		NASA Packet, "Payload Operational Policy," 31 January 1990.
		NASA Packet, "Flight Evaluation Board Procedures," December 1989.
		NASA Packet, "Strategy for Safely Returning the Space Shuttle to Flight Status," 24 March 1986.
		NASA Paper, "51-L and 61-E CAPCOM Assignments," 16 January 1986.
		NASA Paper, "Astronaut Office Support for STS 51-L," 13 January 1986.
Box 3	Folder	"Patch/Lithos," 1989.
		NASA Paper, "Crew Portrait/Lithograph," 14 November 1989.
		NASA Paper, "Crew Lithographs," 16 October 1989.
		Paper, "Distribution of Patches," 14 November 1989.
Box 3	Folder	"Guests," 1989.
		NASA Packet, "Launch Guest Information," 18 September 1989.
		NASA Packet, "Landing Guest Information," 18 September 1989.
Box 3	Folder	"OFK/PPK," 1989-1990.
		NASA Paper, "Single System Trainer Refresher Lessons," 22 May 1990.
		NASA Packet, "OFK/PPK Guidelines," 18 September 1989.
		NASA Paper, "Special Flight Data File," 07 August 1989.
Box 3	Folder	"Crew QRTS/KSC," 1985-1993.

		NASA Paper, "High Risk Recreational Activities," 16 June 1988.
		NASA Papers, "Postflight Crew Activities," 09 August 1988. Paper Chart, "Debriefing Template," N.D.
		NASA Papers, "Visitor Guidelines for the Crew Quarters," 24 July 1989.
		NASA Paper, "KSC Astronaut Crew Quarters Policy," 24 May 1989.
		NASA Papers, "Hurricane Shelter for Flight Crew Members and Their Families while in Quarantine," 28 September 1989.
		NASA Papers, "Utilization of Cameras at KSC," 02 July 1985.
		NASA Paper, "Foreign National Visitors," 13 May 1985.
		NASA Paper, "High Risk Recreational Activity Policy," 21 June 1988.
		NASA Packet, "Official Flight Kits & Personal Preference Kits Aboard Shuttle Missions," 16 July 1990.
		NASA Packet, "Policy on Astronauts' Hair During Shuttle Missions," 07 March 1990.
		NASA Paper, "Medical Grounding of Crewmembers," 23 May 1990.
		NASA Paper, "Authority and Responsibility within the Astronaut Office," 01 March 1993.
		NASA Paper, "Clothing Requirements at Kennedy Space Center (KSC)," 12 October 1993.
		NASA Paper, "Revised Kennedy Space Center (KSC) Crew Quarters Policy," 01 October 1993.
		NASA Paper, "Flown Flight Data File," 10 November 1993.
		NASA Paper, "Landing Speed Concerns/Orbiter Approach and Landing Task Standardization," 19 July 1993.
		NASA Paper, "Crew Optional Use of Launch Entry Suit (LES) Lightweight Undergarment," 20 May 1993.
		NASA Packet, "Expeditious Postflight Transfer of the Flight Crew from the Orbiter to the Baseline Data Collection Facility (BDCF)," 03 June 1993.
		NASA Packet, "CDR Read Folder Distribution," Circa. 1993.
		NASA Paper, "Policy on Use of the Launch and Entry Suit (LES)," 24 February 1993.
		NASA packet, "Portable Audio Data Modem (PADM) Operations," 08 March 1993.
		NASA Packet, "The Casual Cape Visitors Guide," 10 March 1993.
		NASA Paper, "Kennedy Space Center (KSC) Astronaut Crew Quarters (ACQ) Space-Available," 07 June 1990.

		NASA Paper, "Space Flight Countermeasures," 29 September 1993.
		NASA Paper, "Crew Postflight Report Guidelines," 30 August 1993.
		NASA Paper, "Guidelines for In-flight Clothing," 24 August 1993.
		NASA Paper, "Ball/Bar Intensities," 16 February 1993.
		NASA Paper, "Revised Astronaut Office Policy on Using Camcorder Through Touchdown," 15 February 1993.
		NASA Packet, "CDR Read Folder Distribution," "Attached is a new index and 1 new item for your CDR read file. The new item is marked on the index with ****" 6 July 1993.
		NASA Packet, "Space Shuttle Family Support Document," 01 May 1990.
Box 3	Folder	Blue Folder, 1989-1993.
		NASA Paper, "Spouse SMS Visit," 10 March 1992.
		NASA Packet, "PO/Public Services Division. Public Appearance of Astronauts," 23 October 1991.
		NASA Paper, "Landing Guest Information for Florida," n.d.
		NASA Packet, "Landing Guest Information for California," 27 May 1993.
		NASA Packet, "Mementos Aboard Space Shuttle Flights," 12 December 1991.
		NASA Paper, "Mementos Aboard Space Shuttle Flights," n.d.
		NASA Paper, "Administrative Timeline," n.d.
		NASA Paper, "Visitor Guidelines for the Crew Operations," 24 July 1989.
		NASA Paper, "Policy Regarding Authorized Per Diem Rates for Family Members," n.d.
		NASA Packet, "NASA Management Instruction (NMI) 1900.6 (14 CFR Part 1214, Subpart 1214.6)," 10 March 1992.
		Map of Astronaut Isolation Facility, First Floor, n.d.

		NASA Paper, "Postflight Driving Precautions," 27 August 1992.
		US Govt. Packet, "Clear Creek Independent School District/School Community Partnership Program," 17 April 1991.
		US Govt. Packet, "OFK/PPK Guidelines," 05 December 1991.
		US Govt. Packet, "CDR Read Folder Distribution," n.d.
		NASA Document, attached to right side of "CDR Read File," "Formalization of CEIT Procedures," 05 September 1989.
Box 3	Folder	"Dick Covey Memos/Reports @ JSC," 1978-1992.
		NASA Packet, "Mission Specialist Training Aircraft (MSTA) to Program Director's Management Review," 27 May 1992.
		NASA Packet, "Flight Test Plan for Modified Ball-Bar Configuration," 30 August 1991.
		NASA Memorandum, "Night Launch Abort Landing Site Constraints," 23 January 1984.
		NASA Memorandum, "Vandenberg AFB Visual Landing Aids," 17 April 1984.
		NASA Memorandum, "When Do We Need MSBLS at VBG and from Where Should It Come?" 03 February 1984.
		NASA Paper, "Revision to Policy on Astronaut Training in the STA," 16 May 1983.
		NASA Memorandum, "ENTRY TAJ Phugoid Damper," 22 April 1981.
		NASA Memorandum, "BFS Release 11," 23 March 1981.
		NASA Memorandum, "BFS Release 9.08 M," 09 March 1981.
		NASA Memorandum, "BFS Release 9.08 L," 08 January 1981.
		NASA Memorandum, "BFS Release 9.08 K," 14 November 1981.
		NASA Memorandum, "AOA Landing Site Update Procedure-Ascent Checklist," 14 October 1980.
		NASA Memorandum, "BFS ICI 2 Review Board," 14 July 1980.

		NASA Memorandum, "BFS RCS Failure Management," 07 May 1980.
		NASA Memorandum, "Summary of CB DAP Initialization Requirements Meeting on November 8, 1978," 09 November 1978.
		NASA Memorandum, "Travel Voucher Information on our Trip to the West Coast," 03 October 1978.
Box 3	Folder	"Astronaut Office ORG Changes 1986-94," 1986-1994.
		NASA Memorandum, "Astronaut Office Assignments," 16 January 1986.
		NASA Memorandum, "Astronaut Office Assignments," 06 May 1986.
		NASA Memorandum, "Astronaut Office Assignments," 25 November 1986.
		NASA Memorandum, "Office Assignments," 27 May 1988.
		NASA Packet, "Office Assignments," 12 January 1989.
		NASA Packet, "Office Assignments," 30 March 1989.
		NASA Packet, "Flight Crew Operations Directorate (FCOD) Reorganization," 17 March 1989.
		NASA Packet, "Flight Crew Operations Directorate Reorganization," 06 April 1989.
		NASA Packet, "Job Assignments," 29 June 1989.
		NASA Packet, "Job Assignments," 18 October 1989.
		NASA Packet, "Job Assignments," 25 January 1990.
		NASA Packet, "Job Assignments," 02 April 1990.
		NASA Packet, "Job Assignments," 29 October 1990.
		NASA Packet, "Job Assignments," 15 March 1991.
		NASA Packet, "Job Assignments," 11 June 1991.
		NASA Packet, "Job Assignments," 09 August 1991.

		NASA Packet, "Job Assignments," 19 September 1991.
		NASA Packet, "Job Assignments," 03 February 1992.
		NASA Packet, "Job Assignments," 09 April 1992.
		NASA Packet, "Job Assignments," 01 June 1992.
		NASA Packet, "Job Assignments," 15 July 1992.
		NASA Packet, "Job Assignments," 28 September 1992.
		NASA Packet, "Job Assignments," 11 January 1993.
		NASA Packet, "Job Assignments," 07 June 1993.
		NASA Packet, "Job Assignments," 12 April 1993.
		NASA Packet, "Job Assignments," 30 September 1993.
		NASA Packet, "Job Assignments," 17 December 1993.
		NASA Packet, "Job Assignments," 01 April 1994.
		NASA Packet, "Job Assignments – Special Summer Solstice Edition," 21 June 1994.
Box 3	Folder	"JY Memos," 1991.
		NASA Paper, "JSC Design and Procedural Standards Additions for Future Spacecraft Designs," 02 August 1991.
		NASA Paper, "'Man Rating' Launch Vehicles," 08 August 1991.
		NASA Paper, "Correction to the Phase II Ejection Escape System 'Automatic Ejection?' Paragraph," 09 August 1991.
		NASA Packet, "Orbiter Landing and Rollout Space Shuttle Program Risk Reduction," 16 July 1991.
		NASA Packet including Routing Slips, Circa. 1991.
		NASA Packet, "Orbiter Landing and Rollout, Ames Vertical Motion Simulator, June 4 1991," 21 June 1991.

		NASA Packet including Routing Slips, Circa. 1991.
		NASA Packet including Routing Slips, Circa. 1991.
		NASA Packet including Routing Slips, Circa. 1991.
		NASA Packet including Routing Slips, Circa. 1991.
Box 3	Folder	“JY Memos,” 1986-1994.
		Informal Technical Memorandum, “Expanding the Space Shuttle’s Intact Abort Envelope,” 13 April 1994.
		NASA Packet, “Five Minute Launch Windows,” 25 February 1994.
		NASA Packet, “Upgrading Flightcrew Knowledge to Improve STS-71 Mir Approaches,” 25 January 1994.
		NASA Packet, “Orbiter Weather Ceiling Evaluation in the Shuttle Training Aircraft (STA),” 25 January 1994.
		NASA Packet, “Shuttle Training Aircraft (STA) Evaluation of Reduced Orbiter Ceiling Limits,” 15 February 1994.
		Informal Technical Memorandum, “Preliminary Evaluation of the Orbiter ‘Skip Glide’ Maneuver,” 12 January 1994.
		NASA Packet, “What <u>Is</u> Obsolete Around Here?” 14 January 1994.
		NASA Packet, “Improving Space Shuttle to Space Station 51.6-Degree Inclination On-Time Launch Capability,” 05 January 1994.
		Informal Technical Memorandum, “Use of Orbiter High-Energy Entry Capability to Gain Additional Space Shuttle Program Entry Margins,” 15 November 1993.
		NASA Packet, “Program Responsibility with Respect to Space Shuttle Orbiter Software Guidance, Navigation, and Control System Upgrades,” 08 November 1993.
		NASA Packet, “Ways to Increase the Space Shuttle Orbiter Crosswind Limits,” 27 October 1993.
		NASA Packet, “Ways to Improve Space Shuttle Program and Orbiter Flightcrew Performance Margins for Long-Duration Orbiter Missions,” 29 September 1993.
		NASA Paper, “What Liquid Oxygen/Hydrogen Explosion Tests Are Telling Us,” 21 September 1993.

		NASA Routing Slip, 07 September 1993.
		NASA Packet, "Fast Return to Landing for Space Shuttle Orbiter Major and Multiple Systems Failures," 03 September 1993.
		NASA Routing Slip, 10 August 1993.
		NASA Packet, "Hubble Space Telescope Repair Mission Flightcrew Operating Margins," 03 August 1993.
		NASA Routing Slip, 09 August 1993.
		NASA Packet, "Using Our Orbiter Aerodynamic Capabilities to Cope With Major Entry System Malfunctions," 28 July 1993.
		Informal Technical Note, "Heads-Up Display Continuously Correcting Guidance for Long-Duration Space Mission Shuttle Pilots," 23 April 1993.
		NASA Packet, "Report to the President of the Implementation of the Recommendation of the Presidential Commission on the Space Shuttle Challenger Accident, dated June 1987," 14 April 1993.
		Informal Note from John Young, 09 April 1993.
		NASA Routing Slip, 09 February 1993.
		NASA Packet, "Fly Before Buy, the Rapid Development of New Operational Ideas and Equipment Using the Orbiter as Our Test Bed in Space," 02 March 1993.
		NASA Packet, "Orbiter Landing and Rollout in the Ames Vertical Motion Simulator on February 2, 1993," 18 February 1993.
		NASA Packet, "Orbiter Guidance Corrections for Terminal Area Energy Management, Approach, and Landing," 13 January 1993.
		NASA Packet, "A Way to Discover Our Orbiter Crosswind Capability," 13 November 1992.
		NASA Packet, "Using All the 'Tricks' to Assure the Success of Orbiter Abort Landings," 17 November 1992.
		NASA Packet, "Solid Rocket Booster Gimbal Angle Requirements," 05 November 1992.

		NASA Paper, "A Safer Space Shuttle Return-to-Landing Site Abort Mode," 13 November 1992.
		NASA Routing Slip, 25 January 1993.
		NASA Packet, "Vertical Motion Simulator Orbiter Approach, Landing and Rollout at the Ames Research Center on 27 August 1992," 21 October 1992.
		NASA Packet, "Docking System Design Requirements for Human Operations—Space Station Freedom and Beyond," 30 November 1992.
		NASA Packet, "EVA Update," 05 February 1993.
		NASA Paper, "Space Station Current Events," Circa. 1993.
		NASA Packet, "Orbiter Hypersonic Flight Control Performance Uncertainties," 28 April 1993.
		NASA Packet, "Use of the Shuttle Landing Facility as the End-of-Mission Landing Site – Is the Risk Worth the Gain – (Rev 1)," 06 January 1986.
		Packet of Informal Memorandums, Circa. 1994.
		NASA Paper, "Space Shuttle Program Computer and Software Resource Limitations," 06 July 1990.
		NASA Packet, "Range Safety Systems for Spacecraft with Humans Onboard," 27 June 1990.
		NASA Packet, "Response to Return to Kennedy Space Center for End-of-Mission Landings, AC5-90-21, dated May 25, 1990," 23 July 1990.
		NASA Packet, "Checks and Balances for Ascent I-Load Changes," 27 June 1990.
		NASA Packet, "Space Machinery Development and Checkout Ground Testing," 11 July 1990.
		NASA Paper, "Level 1 Requirements for Orbiter to Space Station Freedom Mating and Demating," 02 May 1990.
		NASA Packet, "One Failure Away From an Orbiter Landing and Rollout Accident," 01 March 1990.
		NASA Routing Slip Packet, "AC5," 28 February 1990.
		NASA Packet, "Keeping the Orbiter Flying," 22 November 1989.

		NASA Packet, "Preventing Potential Auxiliary Power Unit Orbiter Loss Failures," 22 November 1989.
		NASA Packet, "New Proposals to Decrease the Reliability of the Space Shuttle," 08 November 1989.
		NASA Packet, "Night Launches and Landings Introduce Additional Program Risk," 16 October 1989.
		NASA Packet, "Assured Orbiter Availability," 12 October 1989.
		NASA Packet, "Flight Crew Performance in the 28-Day Extended Duration Orbiter," 12 October 1989.
		NASA Packet, "The Aerospace Safety Advisory Panel and Solid Rocket Motors," 22 August 1989.
		NASA Packet, "Operating to Prevent and Minimize the Results of Windshield Impacts on the Orbiter," 27 July 1989.
		NASA Packet, "The <u>Other</u> Excellent Technical Reason for Solid Rocket Motor Thrust Termination," 14 June 1989.
		NASA Packet, "Redesigned Solid Rocket Motor (RSRM) Case Segment Pin Hole Waivers," 12 June 1989.
		NASA Packet, "An Urgent Requirement for a NASA Heavy-Lift Launch Vehicle Now," 22 June 1989.
		NASA Packet, "Space Station Cupola Viewing Requirements," 26 June 1989.
		NASA Packet, "On-Orbit Rescue," 01 June 1989.
		NASA Packet, "Gusts Are 'Isotropic' and Other Windy Issues," 06 June 1989.
		NASA Packet, "A Proposal for Simplifying the Orbiter/Space Shuttle Docking Mechanism," 01 June 1989.
		NASA Packet, "Proposed Orbiter Turnaround Ground Rules," 20 June 1989.
		NASA Packet, "Safety Review of Galileo Ferry Return Option," 01 June 1989.
		JPL Packet Reference "NSTS, TC2-89-046 (MAGELLAN)," 06 April 1989.
		NASA Packet, "The Requirement for a Phase II Crew Escape System," 17 April 1989.
		NASA Packet, "The Requirement for the Loss-of-Control Flight Crew Bailout Trainer," 09 May 1989.
		NASA Packet, "Prevention of Future Space Shuttle Potentially Catastrophic Failures," 07 February 1989.

		NASA Packet, "Near-Term Ways to Improve Space Shuttle Ascent/Entry Performance," 03 February 1989.
		NASA Packet, "Ways to Prevent or Minimize Losses from an Orbiter Landing Accident," 26 January 1989.
		NASA Packet, "NASA Has An Extended Duration Orbiter On Line Now," 06 January 1989.
		NASA Packet, "Notes on the Soviet Buran Escape System," 17 July 1989.
		NASA Packet, "Three STS-28 Flight Readiness Review Issues," 02 August 1989.
		NASA Packet, "STS-28 Flight Readiness Review Evidence for Orbiter Survival Capability in the Event of a Catastrophic Space Shuttle Main Engine Failures, 02 August 1989.
		NASA Packet, "STS-28 End-of-Mission Landing Site Priority Missions Rule Change," 08 August 1989.
		NASA Packet, "Safety Requirement for Significant Improvements in the Launch and Entry Suit," 04 August 1989.
		NASA Packet, "Program Plan Ground Rules on Edwards Landings," 29 August 1989.
		NASA Packet, "Range Safety Systems for Manned Spacecraft," 05 September 1989.
		NASA Packet, "Space Shuttle Orbiter Window Impacts," 13 October 1989.
		NASA Packet, "An Additional Shuttle Landing Facility Orbiter End-of-Mission Landing Risk-Factor," 11 December 1989.
		NASA Packet, "Space Shuttle Orbiter Night Landings Must Be Mandatory Events," 11 December 1989.
		NASA Packet, "Operational Reasons to Accelerate Incorporation of the Orbiter Drag Parachute," 08 December 1989.
		NASA Packet, "Significant Operational Orbiter and Flight Crew Safety Entry and Landing Software Fixes," 20 December 1989.
		NASA Packet, "The Advanced Solid Rocket Motor Program," 18 December 1989.
		NASA Paper, "Parent Space Station Freedom Docking Contact Effects," 18 December 1989.
		NASA Packet, "Advanced Solid Rocket Motor Preliminary Requirements Review," 10 January 1990.
		NASA Paper, "Engineering Buildup Flight Test Techniques," 05 January 1990.

		NASA Paper, "Preventing Potential Auxiliary Power Unit (APU) Orbiter Loss Failures," 22 January 1990.
		NASA Paper, "The Effect of State Vector Updates on the Orbiter Position for Landing," 18 January 1990.
		NASA Paper, "An Additional Shuttle Landing Facility Orbiter End-of-Mission Landing Risk Factor," 28 March 1990.
		NASA Paper, "Response to Trip Report to Yundum Airport, Banjul, The Gambia, AC5-90-11, dated March 5, 1990," 20 May 1990.
		NASA Packet, "Day-of-Launch I-Load Update (DOLILU) Concerns," 29 August 1990.
		NASA Packet, "Significant Operational Orbiter and Flightcrew Safety Entry and Landing Software Fixes," 21 September 1990.
		NASA Packet, "Real-time Positioning of the Orbiter Head Up Display (HUD) Aim-point Symbol," 12 October 1990.
		NASA Paper, "Undetected Orbiter Airlock Aluminum Face Sheet and Honeycomb Core Sandwich Construction Damage," 18 October 1990.
		NASA Packets, "Pilot-to-Earth Real-Time Positioning of the Orbiter Head Up Display (HUD) Aim Point," 17 December 1990.
		NASA Packet, "Enhancement of Space Shuttle Operational Reliability and Safety," 17 January 1991.
		NASA Packet, "Is an Extended Orbiter Autoland Through Rollout a Space Shuttle Program Requirement?" 30 May 1991.
Box 3	Folder	"JY Memos 91-92," 1991-1992.
		NASA Packet, "Improving the Reliability and Safety of the Space Shuttle," 11 August 1992.
		NASA Packet, "Ways to Prevent Space Shuttle Loss of Control in Ascent First Stage," 16 September 1992.
		NASA Packet, "A Way to Assure Ourselves That the Tethered Satellite System Will Work," 07 July 1992.
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		NASA Packet, "Orbiter Hypersonic Performance," 13 August 1991.
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		NASA Packet, "Orbiter On-Orbit Use of the Lap-Top Computer for Flightcrew Management and Control," 29 April 1992.
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		NASA Packet, "Orbiter Landing and Rollout at the Ames Vertical Motion Simulator," 19 March 1992.
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		NASA Packet, "Clearance for the American External Airlock Docking System," 28 July 1992.
		NASA Paper, "The Traffic Collision Avoidance System (TCAS)," 24 July 1992-27 July 1992.
Box 4	Description	Box 4: Papers Relating to Education and the Space Shuttle Missions, 1964-2018.
Box 4	Folder	Two Manilla Folders Containing a Signed Photograph, 1986-1987.
		Signed Photograph with Five Astronauts, N.D.
		Magazine, "The Spectrum: The Sergeant Yorkgun misfires, Entering the age of coherent detection, Winchester disks reach for a gigabyte," February 1987.
		Booklet, "Actions to Implement the Recommendations of The Presidential Commission on the Space Shuttle Challenger Accident," 14 July 1986.
Box 4	Folder	"College Transcripts GRE Scores," 1968-1969.
		Certificate of Graduation from Purdue University, 22 January 1969.
		Packet of Transcripts from the United States Air Force Academy in Colorado, 29 June 1964-24 July 1968.
		Purdue University Transcript, 21 February 1969.

		Purdue University Master's Degree in Aeronautics and Astronautics Plan of Study, 19 September 1968.
Box 4	Folder	"Space Shuttle," 1967-1994.
		NASA Telegram, "Orientation for Astronaut Candidates," 25 January 1978.
		Letter of Recommendation from Jack W. Gillette, 03 March 1977.
		Government Form About Astronaut Orientation," 27 January 1978.
		Letter, "Action Info," 26 January 1978.
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		Letter of New Astronauts Invited to the Johnson Space Center, 21 January 1978.
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		Richard Covey Curriculum Vitae (CV), N.D.
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Box 4	Folder	"ARPT Application," 1973.
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Box 4	Folder	"ASC POWG," and "Purdue Research Paper 1968," 1968.
		Purdue University Research Paper, "Photovoltaic Power: Direct Conversion of Solar Energy to Electricity," by Lt. Richard O. Covey, 1968.
Box 4	Folder	"Dick Covey Test Pilot School Reports," 1974-1975
		USAF TPS Packet, "T-38A Engine Relight Evaluation," May 1975.
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		Individual Flight Report, "Maneuvering Flight," 10 February 1975.
		Individual Flight Report, "Dynamic Stability," 24 February 1975.
		Individual Flight Report, "Lateral-Directional Static Stability," 24 January 1975.
Box 4	Folder	"ADTC FLT Reports," 1967-1977.
		Compatibility Flight Test Report, 27 April 1976.
		Flight Test Report, "F-4D/AGM-65C Laser Maverick Captive Compatibility Flight Test," 27 January 1977.
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		Laser Maverick Aircrew Report, 16 May 1977.
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Box 4	Folder	"STS 51-L (Challenger) News/Magazines and ASC/51-L/FIN-CUE Card," 1986-2018.
		FIN-CUE Card, N.D.
		Aviation Week & Space Technology Magazine, "Shuttle 51-L Loss: Reports from the Centers," 03 February 1986.
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		Newspaper, "Shuttle Tragedy," 02 February 1986.
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		Newspaper, "The Shuttle Tragedy," 09 February 1986.
Box 4	Restricted Folder	"51-L Investigation," 1975-1986.
	Restricted	Packet, "JSC STS 51-L Accident Report," N.D.
	Restricted	Paper, "Ascent Overview," 28 January 1986.
	Restricted	Paper, "STS 51-L Imagery Viewing Pass: Building 8," N.D.
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	Restricted	Page Three From a Copy of a Flight Plan Overview, 18 April 1975.
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	Restricted	Letter from Bob Dole to Richard Covey, 31 October 1985.
	Restricted	Letter about Florida Special Olympics, 16 October 1985.
	Restricted	Letter about the Hughes Leasat 3 Satellite, 24 May 1985.
	Restricted	Drawing of Richard Covey, 1987.
Box 4	Folder	"51-I Stuff," 1985.
		Paper, "51-I FCR Teams," N.D.
		Packet, "STS 51-I Menu," 07 March 1985.
		NASA Printed Photograph, "51-I-41-019," Circa. 1985.
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		NASA Printed Photograph, "51-I-44-15," Circa. 1985.
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		Signed Photograph of the STS 51-G Crew, N.D.
		Paper, "Flight 51-I Events Timeline," August 1985.
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		Packet, "51-I Family Itinerary," 15 August 1985.
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		Newspaper, "Armstrong, Cernan Lead 14 'Astro-Alumni' Home," 25 October 1985.
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		AFA's Fortieth Anniversary Gala Poster, 01 May 1986.
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Box 4	Folder	"STS-51-I," 1985.
		NASA Packet, "STS 51-I Flight Techniques Syncom Prox-Ops," 21 May 1985.
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Box 4	Folder	"LRM Concept Review: May 7, 1985," 1985.
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		Packet, "Leasat Handling Bar," 07 May 1985.
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Box 4	Folder	"51-I For 2May85," 1985.
		NASA Packet, "Minutes of the STS 51-I Flight Operations Review," 03 June 1985.
		Packet, "STS 51-I Flight Operations Review," 30 April-02 May 1985.
Box 4	Folder	"Leasat Salvage: Cargo Manual," 1985.
		Packet, "Cargo Systems Manual: Leasat Salvage Mission," 24 August 1985.
Box 4	Folder	"51-I RNDZ/FLT Dynamics," 1985.
		NASA Packet, "STS-51 Flight Operations Panel for OPF Groundrules and Constraints," 14 May 1985.
		NASA Packet, "STS 51-I Rendezvous Profile," 21 May 1985.
		STS-51 Pilots Flight Data File (Flown on Mission) Packet in Plastic Bag, Circa. 1985.
		PDRS OPS Pilots Flight Data File (Flown on Mission) Checklist Packet, Circa. 1985.
Box 4	Folder	"ADD'L Dick Covey Memos/Reports," 1980-1982.
		NASA Memorandum, "BFS Release 11," 23 March 1981.
		NASA Memorandum, "AOA Landing Site Update Procedure – Ascent Checklist," 14 October 1980.
		NASA Memorandum, "Expanding the Space Shuttle Intact Abort Envelope," 05 August 1982.
		NASA Memorandum, "BFS ICI 2 Review Board," 14 July 1980.
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		Packet, "Verification of the Space Shuttle Entry GN&C System," N.D.
Box 5	Description	Box 5: Binders, Books, and Magazines Relating to NASA and STS Missions, 1970-2011.
Box 5	Folder	"NASA JSC Oral History 2006," 2006.
		Oral History Transcript, "NASA Johnson Space Center Oral History Project," 01 November 2006.
Box 5	Folder	"STS-38 Memos," 1990-1992.
		NASA Packet, "Electrical Fault Tolerance of Airborne Support Equipment," 18 April 1990.
		NASA Packet, "Fluid Loading Protocol," 15 May 1990.
		NASA Packet, "Release of Unclassified Information to Astronaut Families," 17 January 1990.
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		NASA Packet, "List of Development Test Objectives (DTO's) and Detailed Supplementary Objectives (DSO's) Assigned to STS-38," 30 May 1990.
		Packet, "STS-38 L-2 Day Review Distribution," 09 October 1990.
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		Paper, "STS-38 Orbiter Quick Look Landing Data," 05 December 1990.
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		Packet, Letter and Information from Covey to Crew, Circa. 1990.
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Box 5	Folder	"Astro Ols," 1975-1976.
		NASA Packet, "Astronaut Standard Operating Procedures (SOP)," June 1975.
		NASA Memorandum, "Everything You Always Wanted to Know About the Papermill but Were Afraid to Ask," 12 January 1976.
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		Newspaper, "Covey chosen to command '90 flight of shuttle Atlantis," 16 May 1989.
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Box 5	Folder	"Entry/Landing Data STS-38," 1990.
		Packet, "STS-38 A&L Postflight," Circa. 1990.
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Box 5	Folder	"STS-38 Menus," 1990.
		Packet, "STS-38 Preflight Menu," November 1990.
		Packet, "Shuttle Menu STS-38," 06-15 March 1990.
Box 5	Folder	"SRB/ET/SSME Report STS-38," 1991.
		NASA Packet, "Space Shuttle STS-38," 05 February 1991.
Box 5	Folder	"Mission Report – Program Office," 1989-1991.
		NASA Packet, "STS-38 Space Shuttle Mission Report," January 1991.
		Paper, Problem Tracking List for STS-38 Pages 1 and 2 of 4, 07 January 1991.
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		NASA Packet, "STS-38 Space Shuttle Mission Report," January 1991.
		NASA News Packet, "Astronauts Named to DOD Missions in 1990 (STS-38, STS-39)," 11 May 1989.

Box 5	Restricted Folder	"STS-38 OFK/PPK," 1990-1993.
	Restricted	NASA Packet, "Mementos Aboard Space Shuttle Flights," 01 October 1993.
	Restricted	NASA Packet, "Personal Preference Kit (PPK) for STS-38," 26 July 1990.
	Restricted	Paper, "Covey's PPK List," Circa. 1990.
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Box 5	Folder	"STS-38 Post Flight Reports," 1990-1991.
		NASA Packet, "STS-38 Flight Readiness Review Data Pack/Prelaunch Systems Issues," 27 June 1990.
		NASA Packet, "STS-38 Flight Data File (FDF) Crew Debrief," 05 December 1990.
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		NASA Packet, "STS-38 Medical Detailed Supplementary Objectives (DSO's) Summary Report," 15 January 1991.
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Box 5	Folder	"MED OPS Report," 1982-1993.
		NASA Packet, "NASA Medical Operations STS-38 Mission Report," January 1991.
		T-38 Booklet, "Low LD Approaches," January 1988.
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		STS-3 Booklet, "Landing Site Charts," Circa. 1982.
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		NASA Packet About STS Operations, N.D.
		Book, "Return to Flight Task Group," July 2005.
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		Binder, "Hubble Space Telescope Servicing Mission," December 1993.
		Binder, "Space Shuttle Mission Summary," February 2007.
Box 6	Description	Manual and Reference Binders, 1987-2005.
Box 6	Binder	"NASA's Implementation Plan for Space Shuttle Return to Flight and Beyond," 07 July 2005.
Box 6	Binder	"NSTS Reference Vol. 1," June 1988.

Box 6	Binder	"RNDZ TNG Manual," 1987-1989.
Box 6	Binder	"Shuttle Crew Operations Manual," November 1993.
Box 7	Description	Artworks, Awards, and Publications Pertaining to the Space Shuttle, 1986-2005.
Box 7	Award	Metal Boy Scouts Award, 2005.
Box 7	Artwork	Two Pieces of NASA Space Shuttle Artwork, n.d.
Box 7	Publications	Four Publicans and Magazines About Richard Covey and Aerospace, 1989-1996.
Box 7	Binder	"STS-26 Earth Observations Preflight Manual," August 1988.
Box 7	Booklet	Covey's STS-26 Notes, 1986-1987.
Box 7	Scrapbook	Newspaper Scrapbook Featuring Covey's Spaceflight, 1986.
Box 7	Binder	"STS-61 Hubble Repair," 1993.
Box 7	Binder	"1 <sup>st</sup> Servicing Mission Hubble Space Telescope Media Reference Guide."
Box 8	Description	Folders Pertaining to STS Missions, Astronauts, and Media,06 March 1963-19 May 2017.
		Folder Containing Newspapers, 26 November 1993-17 July 1994.
		Folder Containing Publications and Magazines, 24 May 1993-April 1994.
		Press Pertaining To Hubble Telescope, 07 June 1993-29 March 1994.
		Copies of Articles from "Space Fax Roundup," 02 December 1993-13 December 1993.
		Folder Titled "STS-61" Containing Book with STS-61 Press Reports, 02 December 1993-13 December 1993.
	Restricted	"STS-61 Reports, Debriefs, and Memos," 07 January 1993-13 April 1994.
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		"Hall of Fame Stuff/Dick Covey Hall of Fame Inductions," 08 October 1985-30 April 2004.
		"Travel Orders to Earth Orbit STS 51-I, STS 26, STS 38, and STS 61 FLT Logs for STS-26+38," 21 August 1988-23 November 1993.
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		"Crew Reports STS-26, 38, 61," 01 December 1988-12 October 1995.
		"Dick Covey Speeches and Presentations 1981-2017," 07 June 1978-19 May 2017.
		"STS-2/3 T-38 Chase Team Photos," 1981-1982.
		"STS 51-I Photos," 1985.
	Restricted	"51-I Guest/OFK/PPK," 1985.
		"51-I Special MSGS," 06 June 1985-26 March 1986.
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		"Post NASA Stuff/Documents," 08 July 1994-13 February 2002.
		"More Columbia Accident Stuff 2003-5," 02 February 2003-04 July 2005.
		"Return to Flight Task Group 2003-5," 02 February 2003-28 June 2005.
Box 9	Description	STS-26 Documents, 23 February 1986-07 May 2004.
		"T-38 Inflight Guide," September 1992.
		"STS-26 Summary," July 1990.
		"STS-26 Training Flow," 03 February 1988-19 September 1988.
		"Read File STS-26/1988," 1988.

		"CSR – Escape Sys 9-10 Mar 88," 13 April 1987-12 March 1988.
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		"STS-26 FLT Req'ts Doc Jan 87," June 1988.
		"Recovery Status Jan 87," 24 March 1986-14 January 1987.
		"Flight Safety Survey Bryan O'Conner June 87," 16 June 1987.
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		"STS-26 Crew Weekly Schcd.," 31 December 1986-08 October 1987.
		"STS-26 Payload Report," 28 November 1988.
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	Restrict for Phone Numbers	"STS-26 Guests," 05 April 1988.
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		"STS-26 Family Itinerary," 21 September 1988-29 September 1988.
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		"STS-26 White House/Congress Letters," 18 October 1988-29 September 1988.
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		"STS-26 Landing Sites Table," 18 August 1987.
		"SMC Feb 19, 1988 SRB Royce Mitchell," 19 February 1988.
		"STS-26 TCDT," 01 June 1988-29 July 1988.
		"Misc. Stuff Not Necessarily STS-26," 16 December 1978-07 May 2004.
<b>Box 10</b>	<b>Description</b>	<b>STS-26 Media Coverage, 1987-1988.</b>
Box 10	Pamphlet	"Honoree Program," Spring 1988.
Box 10	Papers	"STS-26 America Returns to Space," 1987.
Box 10	Papers	Letter from John Norberg,
Box 10	Papers	"NASA Current News" and "Spaceport News" 13 October 1988-14 October 1988.
Box 10	Magazines	Space Magazines, 11 July 1988-02 January 1989.
Box 10	Newspapers	Newspapers Relating to Space Shuttle, 10 January 1987-18 November 1988.
<b>Box 11</b>	<b>Description</b>	<b>Miscellaneous STS Documents, 1979-1994.</b>
Box 11	Papers	Southern Hemisphere Polar Star Chart, April 1979.
		"STS-38 Photos," November 1990.
		"STS-38 Post-Flight White House Correspondence," 29 January 1991-May 1991.
		"STS-38 Press Reports 1990," 20 July 1989-April 1991.
		"STS-61 Photos 1993," 1993.
		"PAO," n.d.
		Folder with Documents About STS-26 and the Hubble Space Telescope, July 1992-24 November 1993.
		"Crew Equipment/Stowage," 20 July 1993-17 November 1993.
		"ICBC," April 1992-06 January 1994.
		"Crew Bio’s," February 1992-October 1992.

		"Menus," 13 July 1993-23 October 1993.
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Box 11	Papers	"Space Shuttle Operational Flight Rules Annex," 04 November 1993.
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