



# Smithsonian

*National Air and Space Museum*

## Pamela A. Melroy Papers

Mark Kahn

2023

National Air and Space Museum Archives  
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## Collection Overview

<b>Repository:</b>	National Air and Space Museum Archives
<b>Title:</b>	Pamela A. Melroy Papers
<b>Date:</b>	1961-2008 (bulk 1980s-2000s)
<b>Identifier:</b>	NASM.2018.0034
<b>Extent:</b>	17.6 Cubic feet (50 containers)
<b>Language:</b>	English .
<b>Summary:</b>	This collection consists of 17 cubic feet of papers relating to the life and career of astronaut Pamela A. Melroy.
<b>Digital Content:</b>	<a href="#">Image(s): NASA Astronaut Pamela A. Melroy [NASM.2018.0034-dm01-A00_0460]</a>

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## Administrative Information

### Acquisition Information

Pam Melroy, Gift, 2018, NASM.2018.0034

### Related Materials

Space Shuttle *Discovery* from the Smithsonian National Air and Space Museum collection: [Space Shuttle Discovery, A20120325000](#) .

Melroy's flight suit from the Smithsonian National Air and Space Museum collection: [Flight suit, A20180696000](#) .

Shuttle scrunchie from the Smithsonian National Air and Space Museum collection: [Scrunchie, A20050063000](#) .

### Processing Information

Arranged, described, and encoded by Mark Kahn, 2023.

### Preferred Citation

Pamela A. Melroy Papers, NASM.2018.0034, National Air and Space Museum, Smithsonian Institution.

### Restrictions

No restrictions on access

### Conditions Governing Use

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## Biographical / Historical

Pamela Ann Melroy was born on September 17, 1961, in Palo Alto, California. As a member of a military family, she spent her childhood living in many towns but considers Rochester, New York her hometown. Melroy graduated from Bishop Kearney High School in Rochester in 1979. Four years later, she earned a Bachelor of Arts degree in Physics and Astronomy from Wellesley College and subsequently, a Master of Science degree in Earth and Planetary Sciences from the Massachusetts Institute of Technology (MIT) in 1984.

Melroy was commissioned through the U.S. Air Force (USAF) Reserve Officers' Training Corps (ROTC) program while still attending graduate school. Upon completion of her Master's degree program at MIT, she attended undergraduate pilot training at Reese Air Force Base in Texas. After graduating from this program in 1985, Melroy was sent to Barksdale Air Force Base in Louisiana. While stationed there from 1985 to 1991, she flew the Boeing KC-10 aircraft as a co-pilot, aircraft commander and instructor pilot. Also, she flew combat missions in Iraq during 1990-91 (Operation Desert Shield/Desert Storm). In time, she also graduated from the USAF's exclusive test-pilot school. All told during her 24-year career with the USAF, Melroy logged more than 6,000 hours of flight time in more than 50 different types of aircraft. She reached the rank of Colonel upon her retirement from the service in 2007.

Melroy started her career as an astronaut in late 1994 when she was selected as an astronaut candidate (ASCAN) by the National Aeronautics and Space Administration (NASA). She was initially assigned to various astronaut support roles such as tasks involving Space Shuttle launch and landings. She also performed Capsule Communicator (CAPCOM) duties in Mission Control. In 2003, Melroy served on the ill-fated Space Shuttle Columbia accident reconstruction team as the lead for the crew compartment module and operated as deputy project manager for the Columbia Crew Survival Investigation Team.

Melroy was one of only two women to be in command of a Space Shuttle flight. She was the pilot of two Shuttle missions, STS-92 in 2000 and STS-112 in 2002. She served as mission commander on STS-120 in 2007. All three of her spaceflights involved assembling components on orbit for the International Space Station (ISS). Melroy logged a total of 924 hours in space.

Upon her more than 20 years of service to the USAF and NASA, Melroy assumed leadership roles with several public and private sector entities. This included organizations such as the Federal Aviation Administration (FAA), the Defense Advanced Research Projects Agency (DARPA), Lockheed Martin and Australia's Nova Systems, Ltd. She also worked as an advisor to the Australian Space Agency and as an independent consultant to the National Space Council's Users Advisory Group. In 2021, Melroy was selected as NASA's deputy administrator. In her current role, she assists the administrator in making final agency policies and decisions. Also, she acts for the NASA administrator in his absence by performing all necessary functions to govern agency operations.

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## Scope and Contents

The Pamela A. Melroy Papers (acc. no. 2018-0034) reflect Melroy's extensive experience as a pilot, space explorer, Space Shuttle Columbia accident investigator and leader within various governmental/military roles. Her great contributions as an air force officer, astronaut and Space Shuttle commander are quite evident in this collection.

This collection encompasses Melroy's years spent as an officer with the United States Air Force (USAF), test pilot, Gulf War veteran, National Aeronautics and Space Administration (NASA) astronaut and one of the first female Space Shuttle commanders. The material contained in the collection ranges from the 1970s into the 2010s. It is a mixture of the following materials: correspondence, memoranda, notes, reports and briefings, technical manuals (mainly NASA/Space Shuttle-related), notebooks, photographs, presentations and speeches, books, booklets and guidebooks, brochures, pamphlets, journals, magazines, articles, newspaper clippings and miscellaneous materials. Additionally, there are newspapers, photograph albums and scrapbooks.

The processing archivist did discern some original order to these materials. This collection was already in a rough chronological order. The processing archivist did rehouse these materials utilizing archival-friendly file folders and legal-size document cases.

This collection is arranged into three series. The first series is composed of personal materials that include correspondence, photographs, postcards, business cards and transcripts. Each type of archival material is organized chronologically and then alphabetically. The second series consists of professional materials and is by far and away the largest segment of the Pamela A. Melroy Papers. This series is arranged as follows: Melroy's correspondence, memoranda, notes, reports, manuals (mainly Space Shuttle program-related), notes and notebooks, presentations and speeches, books, guidebooks and booklets, brochures, pamphlets and catalogs, newsletters, magazines and journals, articles, newspaper clippings and miscellaneous materials. All the above material is also arranged chronologically and then alphabetically. The third series is composed of oversize materials. This material consists of newspapers (mainly focused on the Space Shuttle Columbia accident of 2003), as well as Melroy's three Space Shuttle flights, (STS-92, STS-112 and STS-120), photograph albums and scrapbooks.

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## Arrangement

This collection is arranged into three series. The first series is composed of personal materials that include correspondence, photographs, postcards, business cards and transcripts. Each type of archival material is organized chronologically and then alphabetically. The second series consists of professional materials and is by far and away the largest segment of the Pamela A. Melroy Papers. This series is arranged as follows: Melroy's correspondence, memoranda, notes, reports, manuals (mainly Space Shuttle program-related), notes and notebooks, presentations and speeches, books, guidebooks and booklets, brochures, pamphlets and catalogs, newsletters, magazines and journals, articles, newspaper clippings and miscellaneous materials. All the above material is also arranged chronologically and then alphabetically. The third series is composed of oversize materials. This material consists of newspapers (mainly focused on the Space Shuttle Columbia accident of 2003), as well as Melroy's three Space Shuttle flights, (STS-92, STS-112 and STS-120), photograph albums and scrapbooks.

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## Names and Subject Terms

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

Subjects:

- Astronautics
- Astronauts
- International Space Station (ISS)
- McDonnell Douglas KC-10
- Space Shuttle Program (U.S.)
- Technical manuals
- United States Air Force

Types of Materials:

- Correspondence -- 21st century
- Newspaper clippings
- Photographic prints
- Technical reports

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## Container Listing

### Personal Materials

Box 1, Folder 1	Correspondence (copies), Wellesley College, 1979-83
Box 1, Folder 2	Correspondence, applications, transcripts and receipts, Melroy and Massachusetts Institute of Technology (MIT), 1982
Box 1, Folder 3	Correspondence, Peak Observatory internship for Melroy, 1982
Box 1, Folder 4	Programs, from various proms and dances, Bishop Kearney High School, Rochester, NY, 1975-1979
Box 1, Folder 5	Programs, Melroy and high school theater, 1977-1979
Box 1, Folder 6	Miscellaneous academic awards, SAT scores and graduation materials, Melroy, 1977-1979
Box 1, Folder 7	Diploma, Bishop Kearney High School, Rochester, NY, 1979
Box 1, Folder 8	Class notebooks, Melroy, Wellesley College [folder 1 of 2], 1982-1983
Box 1, Folder 9	Class notebooks, Melroy and Wellesley College [folder 2 of 2], 1982-1983
Box 2, Folder 1	Problem sets, graded math-related homework, Wellesley College
Box 2, Folder 2	Class notebooks, Massachusetts Institute of Technology (MIT) [folder 1 of 2], 1983-1984
Box 2, Folder 3	Class notebooks, Massachusetts Institute of Technology (MIT) [folder 2 of 2], 1983-1984
Box 2, Folder 4	Notes (photocopies), related to Melroy's Master's Thesis [folder 1 of 4], 1983-1984
Box 2, Folder 5	Notes (photocopies), related to Melroy's Master's Thesis [folder 2 of 4], 1983-1984
Box 2, Folder 6	Notes (photocopies), related to Melroy's Master's Thesis [folder 3 of 4], 1983-1984
Box 3, Folder 1	Notes and articles, related to Melroy's Master's Thesis [folder 4 of 4], 1983-1984
Box 3, Folder 2	Master's Thesis, "Occultation Studies of Neptune", Melroy, MIT, 1984
Box 3, Folder 3	Yearbook, school papers and school drawings, Melroy, elementary and middle schools, 1971-1975

Box 3, Folder 4      [Yearbook, "Crown & Sceptre", Bishop Kearney High School, Rochester, NY, 1977](#)

Box 3, Folder 5      [Yearbook, "Crown & Sceptre", Bishop Kearney High School, Rochester, NY, 1978](#)

Box 4, Folder 1      [Yearbook, "Crown & Sceptre", Bishop Kearney High School, Rochester, NY., 1979](#)

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## Series 2: Professional Materials

Box 4, Folder 2	Correspondence, memoranda, programs, magazines and photograph, Melroy and the U.S. Air Force Reserve Officers Training Corps (ROTC), 1979-1983
Box 4, Folder 3	Correspondence, memoranda and flight logs, Melroy and Barksdale Air Force Base [folder 1 of 2], 1986-1994
Box 5, Folder 1	Correspondence, memoranda and newspaper clippings, Melroy and Barksdale Air Force Base [folder 2 of 2], 1986-1994
Box 5, Folder 2	Correspondence, memoranda, applications and pamphlets, Melroy astronaut application, 1989
Box 5, Folder 3	Correspondence, memoranda and pamphlet, Melroy and astronaut application (includes temporary NASA I.D. badge), 1991-1992
Box 5, Folder 4	Correspondence, memoranda, programs, certificates and reports, U.S. Air Force C-17 flight program, Edwards Air Force Base [folder 1 of 2], 1993
Box 5, Folder 5	Correspondence, memoranda, programs, certificates and reports, U.S. Air Force C-17 flight program, Edwards Air Force Base [folder 2 of 2], 1993-2007
Box 6, Folder 1	Correspondence and programs, Commencement at Nazareth College, 2000-2001
Box 6, Folder 2	Correspondence and cards (including from David Letterman), miscellaneous, 2002
Box 6, Folder 3	Correspondence, Harvard Medical School sleep study, 2007
Box 6, Folder 4	Correspondence and photographs, Margaret Brackey and the STS-120 mission, 2007
Box 6, Folder 5	Correspondence and cards, Melroy, her birthday and Space Shuttle flight, 2007
Box 6, Folder 6	Correspondence and cards, space exploration-related, 2010
Box 6, Folder 7	Memoranda, correspondence, programs, pay stubs and photograph (with Melroy in group photograph), Undergraduate Pilot Training (UPT), Reese Air Force Base, 1983-1985
Box 6, Folder 8	Memoranda, notes and emails, STS-92 launch, 1996-2000
Box 6, Folder 9	Memoranda, miscellaneous, Astronaut Office, 1997-2005
Box 6, Folder 10	Memoranda, press kits and invitations, STS-112 flight and items to be flown in space, 2002



Box 6, Folder 11	Memoranda and itineraries, schedule, events and activities for families of STS-120 crew, 2007
Box 6, Folder 12	Memoranda and notes, television and special events plans for STS-120 mission, 2007
Box 7, Folder 1	Worksheets and guidelines, Space Shuttle program training [folder 1 of 2], 1993-1997
Box 7, Folder 2	Worksheets and guidelines, Space Shuttle program [folder 2 of 2], 1993-1997
Box 7, Folder 3	Notes and emails, team guidance, 1995-1999
Box 7, Folder 4	Notes, emails and memoranda, Common Berthing Controls for Space Shuttle docking with the International Space Station (ISS) [folder 1 of 2], 2000
Box 7, Folder 5	Notes, emails and memoranda, Common Berthing Controls for Space Shuttle docking with the International Space Station (ISS) [folder 2 of 2], 2000
Box 8, Folder 1	Notes, guides and debriefings, STS-120 flight, 2007
Box 8, Folder 2	Notes, Space Shuttle operations, miscellaneous
Box 8, Folder 3	Report, "STS Crew Egress and Escape Study", vol. I, analysis, NASA, 1986
Box 8, Folder 4	Report, "STS Crew Egress and Escape Study", vol. II, appendixes, NASA [folder 1 of 2], 1986
Box 8, Folder 5	Report, "STS Crew Egress and Escape Study", vol. II, appendixes, NASA [folder 2 of 2], 1986
Box 8, Folder 6	Report, "Limited Performance and Flying Qualities Evaluation of the T-39B Sabreliner", Kent S. Lund, AFFTC-TLR-91B-SO3, U.S. Air Force [folder 1 of 2], 1992
Box 9, Folder 1	Report, "Limited Performance and Flying Qualities Evaluation of the T-39B Sabreliner", Kent S. Lund, AFFTC-TLR-91B-SO3, U.S. Air Force [folder 2 of 2], 1992
Box 9, Folder 2	Report, "Space Shuttle Missions Summary - Book 1 - First 100 Flights (STS-1 through STS-92)", Revision S, NASA, 1992
Box 9, Folder 3	Report, "EVA Lessons Learned", vol. I & II, EVA Section/DF42, Systems Div., Mission Operations Directorate, NASA-Johnson Space Center, 1994
Box 9, Folder 4	Report, "1994 Report to the Aerospace Profession", 38th Symposium Proceedings, 1994

Box 9, Folder 5	Miscellaneous reports, briefings, memoranda and greeting cards, "C Squared Binder" [folder 1 of 3], 1996-1997
Box 9, Folder 6	Miscellaneous reports, briefings, memoranda and greeting cards, "C Squared Binder" [folder 2 of 3], 1996-1997
Box 10, Folder 1	Miscellaneous reports, briefings, memoranda and greeting cards, "C Squared Binder" [folder 3 of 3], 1996-1997
Box 10, Folder 2	Report, "Crew Integration Test Guidelines", JSC-27575, NASA, 1996
Box 10, Folder 3	Reports and briefings, flight test data of Crew Return Vehicle, 1997-1998
Box 10, Folder 4	Presentation, "Integrated Product Team (IPT) Definition & Operation", Mike Foreman, 1997
Box 10, Folder 5	Report, "International Space Station (ISS) - Crew Return Vehicle (CRV) Performance and Support Requirements", SSP TBD, Preliminary, NASA [folder 1 of 2], 1997
Box 10, Folder 6	Report, "International Space Station (ISS) - Crew Return Vehicle (CRV) Performance and Support Requirements", SSP TBD, Preliminary, NASA [folder 2 of 2], 1997
Box 10, Folder 7	Reports, briefings, presentations and memoranda, miscellaneous [folder 1 of 2], 1997-2000
Box 11, Folder 1	Reports, briefings, presentations and memoranda, miscellaneous [folder 2 of 2], 1997-2000
Box 11, Folder 2	Reports, briefings and memoranda, miscellaneous X-38 Crew Return Vehicle (CRV), 1997-1998
Box 11, Folder 3	Reports, briefings, memoranda and notes, upgrade on Cockpit for orbital vehicle, 1997-1998
Box 11, Folder 4	Briefing, "Cockpit Integrated Product Team Enhanced Caution & Warning (ECW) Splinter Group", NASA, 1998
Box 11, Folder 5	Report, "Preliminary Operations Concept for the Crew Return Vehicle (CRV)", Lockheed Martin, 1998
Box 11, Folder 6	Report, "Preliminary Performance Requirements for Crew Return Vehicle-System Interface", Integrated Dynamics, Inc., 1998
Box 11, Folder 7	Briefing, "Reusable Space Systems - CRV Location on ISS Discussion", Kevin Chilton, Boeing Company, 1998

Box 11, Folder 8	Briefing, "X-38 - Center Director Flight Readiness Review", NASA, 1998
Box 11, Folder 9	Briefing, "X-38 - Crew Brief for FF1", NASA, 1998
Box 11, Folder 10	Report, "X-38 (V131) Free Flight Test Plan", JSC-27987, NASA, 1998
Box 11, Folder 11	Presentation, "Proposed Application of IDAGS Standards to CRV Displays", IntegraDyn and NASA, 1999
Box 12, Folder 1	Report, "A Human Factors Evaluation of a Methodology for Pressurized Crew Module Acceptability for Zero-Gravity Ingress of Spacecraft", Merri J. Sanchez, NASA/TM-2000-209764, NASA, 2000
Box 12, Folder 2	Report, "A Human-Rating Policy and Requirements", JSC-28354, NASA, 2000
Box 12, Folder 3	Report, "Crew Escape Systems 21002", Contract NAS9-20000, United Space Alliance, 2000
Box 12, Folder 4	Presentation, "CRV Project Post Award Orientation Conference", X-38/CRV Project Office, NASA, 2001
Box 12, Folder 5	Briefing Guide, for STS-112 mission, NASA [folder 1 of 3], 2001-2002
Box 12, Folder 6	Briefing Guide, for STS-112 mission, NASA [folder 2 of 3], 2001-2002
Box 12, Folder 7	Briefing Guide, for STS-112 mission, NASA [folder 3 of 3], 2001-2002
Box 12, Folder 8	Briefing, "X-38 201 Test Vehicle Rebuild into the First CRV", John F. Muratore, NASA, 2001
Box 13, Folder 1	Report, "CRV Displays and Controls Requirements", Revision A, JSC 28607, CRV Projects Office, NASA, 2002
Box 13, Folder 2	Briefing reports, STS-112 flight, 2002
Box 13, Folder 3	Report, "STS-112 Space Shuttle Mission Report", NSTS-37441, NASA, 2002
Box 13, Folder 4	Reports, notes and presentations, Space Shuttle "Columbia" crew module preservation and debris removed to the Vehicle Assembly Building (VAB) [folder 1 of 2], 2003
Box 13, Folder 5	Reports, notes and presentations, Space Shuttle "Columbia" crew module preservation and debris removal to the Vehicle Assembly Building (VAB) [folder 2 of 2], 2003
Box 13, Folder 6	Report, "STS-107 Columbia Reconstruction Report", NSTS-60501, NASA, 2003

Box 14, Folder 1	Reports and briefings, preflight reviews for STS-120 mission [folder 1 of 4], 2006-2007
Box 14, Folder 2	Reports and briefings, preflight reviews for STS-120 mission [folder 2 of 4], 2006-2007
Box 14, Folder 3	Reports and briefings, preflight reviews for STS-120 mission [folder 3 of 4], 2006-2007
Box 14, Folder 4	Reports and briefings, preflight reviews for STS-120 mission [folder 4 of 4], 2006-2007
Box 15, Folder 1	Reports, briefings, memoranda, notes and photographs, regarding Spacecraft Crew Survival Integrated Investigation Team (SCSIT), 2006-2007
Box 15, Folder 2	Briefings and reports, STS-120 flight, PDRS and Melroy, 2006-2007
Box 15, Folder 3	Report, "Space Shuttle Missions Summary - Book 1 - First 100 Flights (STS-1 through STS-92)", Revision S, PCN-1, NASA, 2007
Box 15, Folder 4	Report, "Space Shuttle Missions Summary - Book 2 - Next 100 Flights (STS-97 through STS-115)", Revision T, NASA, 2007
Box 15, Folder 5	Briefing report, "STS-120 Rndz Flight Similar & TRAD Ov Briefing", RNDZ FS-TRAD BR 31001", NASA, 2007
Box 15, Folder 6	Report, "STS-120 IPT, 12", Space Shuttle Program, NASA, 2007
Box 15, Folder 7	Report, "Columbia Crew Survival Investigation Report", NASA/SP-2008-565, NASA, 2008
Box 16, Folder 1	Report, proof and unbound edition of the "Columbia Crew Survival Investigation Report", NASA/SP-2008-565, NASA, 2008
Box 16, Folder 2	Report, "STS-120 Space Shuttle Mission Report", NASA, 2008
Box 16, Folder 3	Report, "2009 Report to the Aerospace Profession", fifty-third symposium proceedings, Society of Experimental Test Pilots, 2009
Box 16, Folder 4	Presentation, "Concept of Operations for the Crew Return Vehicle", Lockheed Martin
Box 16, Folder 5	Report, "Dossier for Homologation of Absolute World Records for Spacecraft and Aerospacecraft", STS-120/ISS 10A Flight, NASA-JSC, JSC 64086
Box 16, Folder 6	Reports and notes, miscellaneous EVA materials [folder 1 of 3]
Box 16, Folder 7	Reports and notes, miscellaneous EVA materials [folder 2 of 3]

Box 16, Folder 8	Reports and notes, miscellaneous EVA materials [folder 3 of 3]
Box 17, Folder 1	Manual, "Star Tracker/Crew Optical Alignment Sight Workbook", STRK/COAS 2102, NASA, 1983
Box 17, Folder 2	Manual, "T-38 Systems Analysis/Emergency Action Guide", Air Training Command, U.S. Air Force, 1983
Box 17, Folder 3	Manual, "Waste Collection System Workbook", WCS 2102C, NASA, 1984
Box 17, Folder 4	Manual, "Inertial Measurement Unit Workbook", IMU 2102, TD303B, NASA, 1985
Box 17, Folder 5	Manual, "NASA T-38A Flight Manual", T.O. 1T-38A-1, NASA and U.S. Air Force, 1987
Box 17, Folder 6	Manual, "Attitude and Pointing Handbook", JSC-10511, NASA, 1988
Box 17, Folder 7	Manual, "Extravehicular Mobility Unit Systems Training Workbook", EMU SYS 2102, JSC-19450, NASA, 1989
Box 17, Folder 8	Manual, "Systems Division - Prep/Post Training Workbook", JSC-23901, NASA, 1989
Box 18, Folder 1	Manual, "Flight Procedures Handbook - Deorbit Prep", JSC-18817, NASA, 1990
Box 18, Folder 2	Manual, "Handbook for Conducting Pilot-in-the -Loop Simulation for Crew Station Evaluation", HSD-TR-90-007, Air Force Systems Command, U.S. Air Force, 1990
Box 18, Folder 3	Manual, "Navigation Aids", NAV AIDS 2102, NASA, 1991
Box 18, Folder 4	Manual, "Entry Guidance Section of the Entry Guidance Workbook", Danny Deger, NASA, 1992
Box 18, Folder 5	Manual, "Flight Procedures Handbook - Approach, Landing and Rollout", JSC-23266, NASA, 1992
Box 18, Folder 6	Manual, "Ku-Band Operations 2102 Training Manual", KU OPS 2102, NASA, 1992
Box 18, Folder 7	Manual, "Reaction Control System Training Manual", RCS 2102A, TD340A, NASA, 1992
Box 18, Folder 8	Manual, "RTL5 Abort Training Manual", RTL5 2102, TD344A, NASA, 1992
Box 18, Folder 9	Manual, "T-38 Pilot Qualification Syllabus", NASA-JSC, 1992
Box 18, Folder 10	Manual, "Thrust Vector Control Training Manual", MPS TVC 2102, TD319A, NASA, 1992

Box 19, Folder 1	Manual, "Ascent Guidance and Flight Control Training Manual", ASG G&C 2012, TD358A, NASA, 1993
Box 19, Folder 2	Manual, "Food System and Dining Workbook", Food Sys 2102B, NASA, 1993
Box 19, Folder 3	Manual, "S-Band Comm/Inst Training Manual", S-BD COMM/IN 2102, NASA, 1993
Box 19, Folder 4	Manual, "Crew Software Interface", CSI 2012 B, TD249A, NASA, 1994
Box 19, Folder 5	Manual, "Deorbit Prep", JSC-48015, NASA, 1994
Box 19, Folder 6	Manual, "DPS Familiarization Workbook", DPS FAM 2102, TD601, NASA, 1994
Box 19, Folder 7	Manual, "Flight Procedures Handbook", JSC-16873, NASA [folder 1 of 3], 1994
Box 20, Folder 1	Manual, "Flight Procedures Handbook", JSC-16873, NASA [folder 2 of 3], 1994
Box 20, Folder 2	Manual, "Flight Procedures Handbook", JSC-16873, NASA [folder 3 of 3], 1994
Box 20, Folder 3	Manual, "Guidance and Control Sensors GNC Systems", SENSORS 2102, TD209A, NASA, 1994
Box 20, Folder 4	Manual, "Abort FAM 2102", DT66/Susan Crippen, NASA, 1995
Box 20, Folder 5	Manual, "Air Data System Workbook", ADS 2102, TD-178, NASA, 1995
Box 20, Folder 6	Manual, "ATO/AOA/TAL Training Manual", 2102, TD147A, NASA, 1995
Box 20, Folder 7	Manual, "Audio/UHF Training Manual", AUD/UHF 2102, NASA, 1995
Box 20, Folder 8	Manual, "Caution and Warning", C&W 2102, TD402A, NASA, 1995
Box 21, Folder 1	Manuals, briefings and notes, CBM mate malfunction, NASA, 1995-1999
Box 21, Folder 2	Manual, "CCTV OPS 2012 Study Guide", NASA, 1995
Box 21, Folder 3	Manual, "Crew Escape Systems 2102", JSC-26984, NASA, 1995
Box 21, Folder 4	Manual, "Data Processing System (Hardware and System Software) Training Manual", DPS HW/SW 2102, NASA, 1995
Box 21, Folder 5	Manual, "Electrical Power System 2102 Training Manual", EPS 2102, NASA, 1995
Box 21, Folder 6	Manual, "IFM 2101 In-Flight Maintenance Introduction", NASA, 1995
Box 21, Folder 7	Manual, "Main Propulsion System Training Manual", MPS 2102, TD345B, NASA, 1995

Box 21, Folder 8	Manual, "Mechanical Systems 2102", MECH SYS 2102, TD395C, NASA, 1995
Box 22, Folder 1	Manual, "Navigation Overview - NAV 2012B", TD212A, NASA, 1995
Box 22, Folder 2	Manual, "Orbital Maneuvering System - Orbital Systems Training Manual", JSC-19950, NASA, 1995
Box 22, Folder 3	Manual, "Astronaut Support Book - STS-75 Flight Supplement", JSC-20392-75, NASA, 1996
Box 22, Folder 4	Manuals, briefings and emails, general ASCAN training, 1996
Box 22, Folder 5	Manual, "Astronaut Support Personnel Book", generic, Rev F, JSC-20392, NASA, 1997
Box 22, Folder 6	Manuals and crew briefings, STS-92 mission [folder 1 of 6], 1997-2000
Box 23, Folder 1	Manuals and crew briefings, STS-92 mission [folder 2 of 6], 1997-2000
Box 23, Folder 2	Manuals and crew briefings, STS-92 mission [folder 3 of 6], 1997-2000
Box 23, Folder 3	Manuals and crew briefings, STS-92 mission [folder 4 of 6], 1997-2000
Box 23, Folder 4	Manuals and crew briefings, STS-92 mission [folder 5 of 6], 1997-2000
Box 24, Folder 1	Manuals and crew briefings, STS-92 mission [folder 6 of 6], 1997-2000
Box 24, Folder 2	Manual, "X-38 V-131 Operational Flight Rules", JSC-27876, NASA, 1997
Box 24, Folder 3	Manuals and briefings, contingency abort 2101, 1998
Box 24, Folder 4	Manual, "MEDS Ground School", Todd A. Gaspard, 1998
Box 24, Folder 5	Manual, "MEDS Introduction Workbook", DT35-DPS/NAV Group, Walter Barnett and Kelsey Watts, NASA, 1998
Box 24, Folder 6	Manual, "Multifunction Electronic Display System (MEDS)", DPS/NAV Training, Walter Barnett and Kelsey Watts, NASA, 1998
Box 24, Folder 7	Manual, "Space Shuttle Operational Flight Rules Annex - Flight ISS Increment O-C (3A/STS-92)", NSTS-18308, NASA, 1998
Box 24, Folder 8	Manual, "USA Simplified Aid for EVA Rescue (SAFER) Operations Manual", JSC-26283, NASA, 1998
Box 24, Folder 9	Manual, "DPS 21002 Workbook", TD115, NASA, 1999

Box 24, Folder 10	Manual, "Extravehicular Mobility Unit Systems Training Workbook", EMU SYS 21002, NASA, 1999
Box 25, Folder 1	Manual, "IMAX 3D Cabin Camera (IMAX3D) Operator's Manual", IMAX Space Ltd., 1999
Box 25, Folder 2	Manual, "Shuttle Systems Training", DOP-4335-005, NASA [folder 1 of 2], 1999
Box 25, Folder 3	Manual, "Shuttle Systems Training", DOP-4335-005, NASA [folder 2 of 2], 1999
Box 25, Folder 4	Manual, "Assembly Operations Handbook (AOH): PMA-3 and Z1 Delivery", JSC-36351, NASA, 2000
Box 25, Folder 5	Manual, "Crew Medical Officer Training Syllabus", WI-MOT-003, NASA, 2000
Box 25, Folder 6	Manual, "Extravehicular Activities Space-to-Space Communication System Training Workbook", EVA SSCS 21002, NASA, 2000
Box 26, Folder 1	Manual, "Flight Plan - STS-92", JSC-48000-92, NASA, 2000
Box 26, Folder 2	Manual, "International Space Station - Assembly Operations Book", JSC-48502-3A, NASA, 2000
Box 26, Folder 3	Manual, "International Space Station - ISS/Shuttle Joint Operations Book", JSC-48503-3A, NASA, 2000
Box 26, Folder 4	Manual, "International Space Station - Joint Operations", JSC-48503-3A, NASA, 2000
Box 26, Folder 5	Manual, "International Space Station - Malfunctions", JSC-48501-3A, NASA [folder 1 of 2], 2000
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Box 27, Folder 2	Manual, "ISS Joint Airlock Systems Training Manual", JSC-36344, NASA, 2001
Box 27, Folder 3	Procedures, "Medical Procedures 3101A - STS-112", WI-SCT-203, NASA, 2001
Box 27, Folder 4	Manual, "Pilots Abbreviated Flight Crew Checklist", T-38N, T-38(N)-PCL-1, NASA, 2001



Box 27, Folder 5	Manual, "Assembly Operations Handbook (AOH): S1 Truss Delivery", JSC-36458, NASA, 2002
Box 27, Folder 6	Manual, "Assembly Operations Handbook (AOH): S1 Truss Delivery", final, JSC-36458, NASA, 2002
Box 27, Folder 7	Manuals and notes, CAPCOM training, 2002
Box 27, Folder 8	Manual, "Cargo Systems Manual: Spatial Heterodyne Imager for Mesospheric Radicals (SHIMMER)", USA004880STS-112/Mission 9A, United Space Alliance (USA), 2002
Box 28, Folder 1	Checklist, "EVA Checklist - STS-112 Flight Supplement", JSC-48024-112, NASA, 2002
Box 28, Folder 2	Manual, "Joint Shuttle-ISS Operational Flight Rules Annex", NSTS-18308, NASA, 2002
Box 28, Folder 3	Manual, "Ascent Pocket Checklist - OV-104", JSC-48003-II, NASA, 2003
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Box 28, Folder 6	Manual, "MSS Reference Guide", Canadian Space Agency, 2005
Box 28, Folder 7	Manual, "STS-120 - Assigned Crew Study Guide", NASA [folder 1 of 2], 2006
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Box 29, Folder 2	Manual, "Aircraft Operations and Training Procedures - Research and Mission Support Aircraft", AOD 09295, vol. II, NASA, 2006
Box 29, Folder 3	Manual, "EVA Thermal Protection System (TPS) Repair Workbook", EVA TPS REPAIR 21002, NASA, 2006
Box 29, Folder 4	Manual, "Payload Deployment and Retrieval System (PDRS) Student Reference Guide", USA006436, Contract NAS9-20000, United Space Alliance (USA), 2006
Box 29, Folder 5	Manuals and notebook, miscellaneous STS-120 training modes and plans, 2007
Box 30, Folder 1	Manual, "Pilots Abbreviated Flight Crew Checklist - Block 2", T-38N, NASA, 2007
Box 30, Folder 2	Manual, "Rendezvous - STS-120", JSC-48072-120, NASA, 2007
Box 30, Folder 3	Manual, "STS-120/10A P6 Solar Array Re-Deploy Operations", NASA, 2007

Box 30, Folder 4	Manual, "Aircraft Operations and Training Procedures - T-38 Operating Procedures, Volume I", AOD 09295, volume I, NASA, 2008
Box 30, Folder 5	Checklist, "Ascent Checklist - STS-92", JSC-48005-92, final, rev. A, NASA
Box 30, Folder 6	Manual, "EVA Checklist - STS-112", JSC-48024-112, NASA
Box 31, Folder 1	Manual, flight plan revisions, miscellaneous
Box 31, Folder 2	Checklist, "IFM Checklist - STS ALL", generic, Rev D, NASA
Box 31, Folder 3	Manual, "ISS Fundamental On-Orbit Maintenance Skills 1 Lesson", Mission Operations Directorate, NASA
Box 31, Folder 4	Manual, "Manual for Media Interviews", Rowan & Blewitt Inc.
Box 31, Folder 5	Manual, "Mechanical Systems Overview", NASA
Box 31, Folder 6	Manual, "Rendezvous - STS-112", JSC-48072-112, NASA
Box 31, Folder 7	Manual, "Rendezvous - STS-92", JSC-48072-92, NASA
Box 31, Folder 8	Checklist, "SIM Prep Checklist", NASA
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Box 34, Folder 4	Book, "Small-Scale Dynamical Processes in Quiet Stellar Atmospheres", Stephen L. Keil, National Solar Observatory, Sunspot, NM, 1984
Box 35, Folder 1	Guide and flight test reports, C-5A/B Galaxy - familiarization guide, 1992
Box 35, Folder 2	Guides, "Orbiter Displays Reference Guide", Boeing, 2001
Box 35, Folder 3	Book, "Almost Heaven - The Story of Women in Space", Bettyann Holtzmann, Kevles, Basic Books, New York, NY, 2003
Box 35, Folder 4	Book, "Changing the Rules of Engagement", Martha LaGuardia-Kotite, Potomac Books, Washington, D.C., 2012
Box 35, Folder 5	Newsletters, "Space Center Roundup", NASA/Johnson Space Center, miscellaneous, 2000-2004
Box 35, Folder 6	Newsletters, NASA/Kennedy Space Center, "Spaceport News", 2003-2004
Box 35, Folder 7	Newsletter, "USA Update", United Space Alliance, 2003
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Box 38, Folder 2	Press kits and itineraries, public relations trips for Melroy, 1999-2002
Box 38, Folder 3	Press kit, "Discovery: Delivering Framework for Future Space Station Growth - STS-92", NASA, 2000
Box 38, Folder 4	Invitations, parking passes and mission patch mock-ups, launch of STS-92, 2000
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Box 39, Folder 5	<a href="#">Transcript, oral history interview of Melroy, 2011</a>
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Box 45, Folder 1	<a href="#">Scrapbook, Melroy and the STS-120 mission, 2007</a>
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