Finding Aid

The Charles O. Miller Collection

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THE C. O. MILLER COLLECTION

Reference Code:  country US, repository code AzPrER, Accession number PC.1996.001
Name and Location of Repository:  Aviation Safety and Security Archives, Embry-Riddle Aeronautical University, Prescott Campus, 3700 Willow Creek Road, Prescott, Arizona 86301, Phone (928) 777-3907; Fax (928) 777-3934, email lucasf56@erau.edu; Web site http://archives.pr.erau.edu/index.html
Title:  The C. O. Miller Collection
Date:  1917-2004, bulk 1960-1995
Extent:  66.75 linear feet

Biographical History:  Charles Otto “Chuck” Miller was a pioneer in developing the discipline of System Safety. Starting around 1950, he published and/or presented over 125 papers covering Human Factors Analysis, Aircraft Accident Investigation, Air Safety Management (both civil and military), Aircraft Design Safety, and Safety Engineering. Miller (usually signed “C. O.”) was born the youngest of six boys on 7 August 1924 to Mildred A. Bloomberg and Richard C. Miller (who had been born in Germany). His secondary education—at Glenville High School, in his birthplace of Cleveland, Ohio—was completed in three years, ending in January 1942, after which he served in World War II, first in the Navy (1942-1944), and then as a Marine Corps flight instructor and
“Nightfighter” pilot (1944-1946). Miller enrolled in MIT in 1946, receiving his BS Degree in Aeronautical Engineering in 1949. His first regular employment after college was as a test design engineer for Douglas Aircraft (1949-1950), when he worked at what is now Edwards Air Force Base in California, where he met both his wife, Ilene Falls of May, Idaho, whom he married in 1950; and Col. John Paul Stapp, who became a friend and reference, and whose letters and papers appear in this collection. Then Miller signed on with the Chance Vought Corporation (now Vought Aircraft Industries) as Staff Experimental Test Pilot (1950-1953), moving up to Staff Engineer, Cockpit Design and Flight Safety (1953-1959), and then Chief of Vought’s Operational Factors and Reliability Section in 1959. While at Vought, he worked on the Regulus I Guided Missile Program and the D558-II supersonic research vehicle. Miller was a qualified commercial pilot, and he continued to serve in the Marine Corps Reserve until 1963. From 1962 to 1963, Miller was employed by Flight Safety Foundation, Inc. in New York. He followed up his BS with a Master’s in Aerospace Operations Management from the University of Southern California (1964-1967), where he spent five years (1963-1968) at the Institute of Aerospace Safety and Management, starting as Lecturer and progressing to Director of Research. As Director of the Bureau of Aviation Safety of the National Transportation Safety Board (16 August 1968-December 1974), he conducted airline accident investigations worldwide, including traveling to France, Italy, Spain, and Morocco for this purpose. In October of 1971, Miller was presented with the Flight Safety Foundation Distinguished Service Award. After resigning from the NTSB for reasons of health, Miller started his own consulting business, System Safety, Inc., in Fairfax, Virginia. He returned to school in 1977 to study law at the Potomac School of Law in Washington, D.C., receiving his JD in 1980, while he was still a Registered Professional Engineer (Safety) in California. In August of 1988 Miller moved his consulting business to Sedona, Arizona, where he operated it until its sale in 1993, the same year he was inducted into the Arizona Aviation Hall of Fame. In 1995 Miller received the Laura Taber Barbour Air Safety Award from the Flight Safety Foundation. Miller was the first chairman of the Center for Aerospace Education Advisory Council at Embry-Riddle Aeronautical University. Before his death, Miller and his wife moved to Wooster, Ohio, and it was near Wooster, at a hospital in Massillon, that he died on 20 October 2003 at the age of 79, survived by his wife, Ilene Falls Miller, five children, and 13 grandchildren.

Scope and Content: Charles O. Miller was a teacher, consultant, and engineer who collected documents both for professional and business reasons and for use as reference materials in his courses and consulting business. Therefore, there are two distinct parts to Miller’s papers: his professional files, including credentials, publications, drafts of papers and presentations, class notes and handouts, as well as information about organizations with which he corresponded; and Miller’s collection of materials relating to system (mainly aviation) safety and related topics, consisting mostly of the work of others. Both groups of papers contain correspondence, with faxes and email. However, the latter group includes large numbers of periodical articles, legal papers, conference brochures, programs, notes, and unpublished technical papers. Miller’s professional files are preserved in Series 1-3. The reference materials are preserved in Series 4 according to Miller’s system of document organization, as expounded in his “Guide to and Lessons
Learned from My Accident Prevention Files” (Series 4, Subseries 1). Series 5 represents documents and photographs removed from the files in the first four series for reasons of preservation.

**System of Arrangement:** The collection was arranged in five series.

**Series 1, Professional Information and Organization Files**
- Subseries 1, Miscellaneous Papers
- Subseries 2, Organizations

**Series 2, Publications and Supporting Papers**
- Subseries 1, Publications and Presentations
- Subseries 2, Probable Cause

**Series 3, Classroom Materials**
- Subseries 1, “Advanced Safety Program Management” combined with “System Safety”
- Subseries 2, Airline Pilots Association Accident Investigation Seminar, August 2-6, 1977
- Subseries 3, Aviation Law (“ASO/FSO Courses”)
- Subseries 4, Basic Aerodynamics
- Subseries 5, Flight Safety Foundation Accident Investigation Training Seminar
- Subseries 6, Flight Safety Foundation Safety Program Management Training Seminar
- Subseries 7, Safety Officers’ Courses
- Subseries 8, Institute of Aviation Safety Course
- Subseries 9, Miscellaneous Teaching Outlines
- Subseries 10, Miscellaneous Extra Transparencies
- Subseries 11, Physiological Systems Study for Biomedical and Life Science Engineers
- Subseries 12, Safety Management Teaching Notebook SF 200
- Subseries 13, Safety Program Management courses
- Subseries 14, SF 200 Transparencies
- Subseries 15, System Safety Indoctrination Seminars
- Subseries 16, Technical Aspects of Flight Vehicle Safety
- Subseries 17, Torts

**Series 4, Informational Materials**
- Subseries 1, Miller System Guides
- Subseries 2, 1.0 Accident Prevention
- Subseries 3, 2.0 Systems
- Subseries 4, 3.0 Safety Management
- Subseries 5, 4.0 Aerospace Operations
- Subseries 6, 5.0 Design Safety
- Subseries 7, 6.0 Design Support Functions
- Subseries 8, 7.0 Reference Information

**Series 5, Materials Removed from Other Series**
- Subseries 1, Binders Removed from Other Series
- Subseries 2, Unstable Media Removed from Other Series
Subseries 3, Legal Size Papers Removed from Other Series
Subseries 4, Photographs Removed from Other Series
Subseries 5, Oversize Materials Removed from Other Series

Original order was preserved wherever possible. Miller’s professional files were not received in any particular order except within the certificates group, the informational materials group, and the organizations group, in which order was preserved. Documents in subject and organization files were restored to what was believed to be an original alphabetical order by group or topic, according to Miller’s own coded information-retrieval system. Where there were loose materials or discrepancies in topic names, these were resolved by the archivist with help from Denise Vickers, aviation research specialist.

**Conditions Governing Access:** Collection is open for research with the exception of three files restricted for reasons of privacy and so noted in the file listing.

**Physical Access:** Digital copies are currently located on proprietary computers.

**Technical Access:** Digital copies are formatted as TIFF and PDF files.

**Processing History:** Processed by Arel Lucas, 2006.

**Preferred Citation:** Use file title, The C. O. Miller Collection, PC.1996.001, Aviation Safety and Security Archives, Embry-Riddle Aeronautical University, Prescott Campus, Prescott, Arizona.

**Conditions Governing Reproduction and Use:** Copyright restrictions may apply.

**Languages and Scripts of the Material:** Collection materials mostly in English, with some Russian, Greek, French, Spanish, and German.

**Custodial history** (draft): The bulk of the collection was acquired by Embry-Riddle Aeronautical University in 1996. Further accruals were received until after Miller’s death in 2003. Associated books and papers were presented to the Embry-Riddle Library in the early 1990s.

**Immediate Source of Acquisition:** Received from Professor William Waldock in a number of installments beginning in 1996.

**Appraisal, Destruction, and Scheduling Information:** Newsprint clippings received with this collection were scanned, and most of the newsprint was destroyed after copies were made and returned to the original positions of the clippings. At the discretion of the archivist, some clippings were retained isolated from the rest of the collection for further scrutiny or exhibit.
Note on dates: All documents prior to 1950 are reproductions or copies. The single document after 2001 is a copy apparently added posthumously to the collection.

Description Control: Description based on Describing Archives, a Content Standard. Finding aid written in 2006 by Arel Lucas.

Access Points: The following search terms have been selected as access points for this collection: [LCSH]
- Aeronautics
- Airports
- Flight crews
- System Safety
- Industrial Safety
- Safety consultants
- Safety education
- Safety factors in engineering
- Safety regulations
- Three Mile Island Nuclear Power Plant (Pa.)
- Air traffic control
- Aerodynamics
- Search and rescue operations
- Aeronautics—Societies, etc.
- Systems engineering
- Nuclear reactors
- Airlines
- Aeronautics—Safety appliances
- Aeronautics—Safety measures
- Aeronautics—Human factors
- Aircraft accidents—investigation
- Air defenses
- Safety engineers
- Safety factors in engineering
- Safety regulations
- Propulsion systems
- Human engineering
- Causation
- Product safety
- Products liability

Genres and Forms of Materials: Reproductions, posters, microfiche, transparencies, stationery, labels, leaflets, books, flyers, pamphlets, photographs, design drawings, diagrams, greeting cards, documents, comics, cartoons (commentary), autographs, ephemera, inkjet prints, business cards, catalogs, certificates, architectural drawings, diazotypes, engineering drawings, structural drawings, photocopies, envelopes, transmitted images, plans, forms (documents), periodicals, trade catalogs, maps, clippings, stats, postcards, thermal copies, illustrations, projections.
Container List:

Series 1:

Title: Professional Information and Organization Files  
Date: 1944-2003  
Extent: 5.5 linear feet  
Scope and Content: Miller’s orientation to filing was completely subject oriented, and some of his correspondence and papers can be found in a series of files labeled alphabetically by organization and preserved here as he organized them. (Usually the organization is alphabetized by its acronym rather than by its name.) These folders include not only correspondence but also contracts, organizational constitutions and minutes, reports, periodicals, booklets, brochures, periodical articles, posters, and other materials relating to each organization. The most extensive groups are the files relating to the Federal Aviation Administration, to Miller’s own consulting group (System Safety, Inc.), and to Flight Safety Foundation, for which he was project director of AvCir, a division of that company. A smaller group of miscellaneous papers includes Miller’s credentials in the form of certificates and awards, his business card from Chance Vought, and a stenographic notebook apparently used for inventory purposes, as well as later correspondence.  
Related archival materials: Chance Vought/LTV collection in Richardson, Texas. (http://www.utdallas.edu/library/special/aviation/LTV.html)  

Series 1, Subseries 1:

Title: Miscellaneous Papers  
Date: 1944-2003  
Scope and content: This subseries includes miscellaneous professional papers that don’t fit into either of Miller’s filing schemes (for organizations and safety information). Included are his certificates and awards; late, unfiled correspondence; a business card from Chance Vought, an obituary, and lists of Miller’s accomplishments and works, including his bibliography on flight safety.  
System of arrangement: Original order has been preserved in the certificates, which were found in a binder. Other records were not received in any perceptible order, and in these undated items are first, followed by dated items in chronological order.  

Box 1, File 1:  
Title: Certificates  
Date: 1944-1994  
Scope and content: These materials consist of Miller’s certificates of training, awards, appreciation and membership throughout the extent of his professional schooling and career.  
System of arrangement: This folder is from a binder labeled “COM—Personal, Qualifications/Training, Certificates of Appreciation, Membership Certificates.” Original order has been preserved.
Box 1, File 2:
Title: Miscellaneous Papers
Date: 1999-2003
Scope and content: These papers include a business card, late correspondence not filed, a stenographic notebook apparently used for inventory purposes, an obituary, and lists of Miller’s accomplishments and published and unpublished work.
System of arrangement: These records were not in any order when received, except that the business card from Chance Vought was removed from Series 4, Subseries 6, file 6.13 System Effectiveness, as a duplicate. Undated items are first, followed by dated items in chronological order.

Box 1, File 3:
Title: Miscellaneous Files
Date: 1971-1980
Scope and content: This file was given its title before receipt and includes aviation accident statistics, a portion of a periodical article by Miller, and a copy of the Vol. 16, Summer 1980 issue of hazard prevention, the journal of the System Safety Society. This “Special Issue” consists entirely of Miller’s report “Safety Management Factors Germane to the Nuclear Reactor Accident at Three Mile Island, March 28, 1979,” which was Section IV of Part 3 of Volume II of the Nuclear Regulatory Commission’s report on the accident.

Series 1, Subseries 2:
Title: Organizations
Date: 1945-2000
Extent: 5.4 linear feet
Scope and content: This subseries includes correspondence, publications, and other papers. These files were clearly in alphabetical order by the organization with which Miller was corresponding or of which he was a member. Also included are Miller’s conference brochures and notes, as well as details and publications from the organizations involved. A substantial portion of this subseries consists of Miller’s files on the Federal Aviation Administration, including their publications. A somewhat smaller group of folders consists of Miller’s files on his own consulting business (System Safety, Inc.), and an employer, Flight Safety Foundation.
System of arrangement: Miller’s original order of alphabetical sequence, usually by organizational acronym, was preserved, along with the order within files.

Box 1, File 4:
Title: ACAP (Aviation Consumer Action Project)
Date: 1997-1999
Scope and content: This file consists of Miller’s notes on a meeting and of printed materials from the Aviation Consumer Action Project.

Box 1, File 5:
Title: AIAA (American Institute of Aeronautics and Astronautics)
Date: 1995-1998
Scope and content: This file consists of Miller’s correspondence with AIAA executives and the editor of Aerospace America, clippings from AIAA publications, and printed matter from AIAA.

Box 1, File 6:
Title: ALPA (Air Line Pilots Association)
Date: 1976-1999
Scope and content: In this folder are only clippings from the Air Line Pilots Association’s Air Line Pilot publication.

Box 1, File 7:
Title: ALPA (Air Line Pilots Association)—Folder 2
Date: July 1984
Name of Creator: Air Line Pilots Association
Scope and content: This folder contains a single item, the Air Line Pilots Association publication ALPA air safety manual: a guide for ALPA safety representatives, Washington, D.C.

Box 1, File 8:
Title: ALPA (Air Line Pilots Association)—Folder 3
Date: 1974-1998
Name of Creator: Air Line Pilots Association
Scope and content: The materials in this folder are all printed materials from the Air line Pilots Association, including an issue of Air Line Pilot and several articles from this periodical, and booklets and a circulated letter from the Association.

Box 1, File 9:
Title: America West
Date: 1991-1995
Scope and content: Miller’s correspondence and notes on contacts with America West’s safety personnel are contained in this file.

Box 1, File 10:
Title: AFA (Association of Flight Attendants)
Dates: 1978
Name of Creator: Association of Flight Attendants
Scope and content: This folder contains a single item, Air Safety Handbook by the Association of Flight Attendants.

Box 1, File 11:
Title: AREF (Aviation Research and Education Foundation)
Date: 1985-1989
Scope and content: In this folder are Miller’s correspondence with the title organization, as well as periodical articles, the articles of incorporation and bylaws, and other legal papers concerning AREF.

Box 1, File 12:
Title: ASSE (American Society of Safety Engineers)
Date: 1985-1986
Scope and content: This folder contains a booklet from The American Society of Safety Engineers, with Miller’s handwritten notes on a telephone conversation regarding the history of the organization.

Box 1, File 13:
Title: British Airways
Date: 1993-1996
Scope and content: This folder contains an article from Flight Deck (British Airways magazine), and correspondence from British Airways.

Box 1, File 14:
Title: CAA (UK) (Civil Aviation Authority)
Dates of creation: 1985
Name of Creator: Civil Aviation Authority
Scope and content: This folder contains a booklet from Great Britain’s Civil Aviation Authority, their public relations department in London.

Box 1, File 15:
Title: DOD (Department of Defense, US)
Date: 1982-1998
Scope and content: This file contains a periodical article and Department of Defense documents.

Box 1, File 16:
Title: DOT (Department of Transportation, US)—Folder 1 of 2
Date: 1967-1988
Scope and content: This folder contains periodical articles, notes, and documents from the United States Department of Transportation.

Box 1, File 17:
Title: DOT (Department of Transportation, US)—Folder 2 of 2
Date: 1968-1988
Scope and content: Contained in this folder are materials from the US Department of Transportation, including copies of memoranda, and a booklet on safety programs.

Box 1, File 18:
Title: Embry-Riddle
Date: 1984-2000
Scope and content: This folder contains material from Embry-Riddle and correspondence between Miller and ERAU, with a portion of Miller’s application to be president of ERAU.

Box 1, File 19:
Title: Events Analysis, Inc.
Date: 1985
Scope and content: These materials are from or regarding Events Analysis, Inc., an Oakton, Virginia, company to which Miller supplied consulting services.

Box 1, File 20:
Title: Executive Branch (US)
Date: 1971-94
Scope and content: These papers are mainly correspondence between Miller and the White House, members of Congress, and Ronald Reagan as presidential candidate, including letters from Reagan. There are also some clippings, fliers and a postcard.

Box 1, File 21:
Title: Executive Branch (US)—Folder 2
Date: 1975-1979
Scope and content: This file consists almost wholly of correspondence, including the National Transportation and Safety Board, and the Federal Aviation Administration, with a letter from Administrator Alexander Butterfield. Also in this file is an excerpt entitled “Why I Left the Safety Board” from hearings before the House of Representatives in 1975.

Box 1, File 22:
Title: Executive Branch (US)—Folder 3
Date: 1985-1995

Box 1, File 23:
Title: FAA (Federal Aviation Administration)—Folder 1
Date: 1975-1980

Box 1, File 24:
Title: FAA (Federal Aviation Administration)—Folder 2
Date: 1973-1992

Box 1, File 25:
Title: *FAA Certification of Light Aircraft* (FAA [Federal Aviation Administration]—Folder 3)
Date: 1978

Box 1, File 26:
Title: FAA (Federal Aviation Administration)—Folder 4
Date: 1980-1985

**Box 1, File 27:**
**Title:** Federal Aviation Act of 1958, Revised March 1, 1977 (FAA [Federal Aviation Administration]—Folder 5)
**Date:** 1958-1977

**Box 1, File 28:**
**Title:** Air Safety: Selected Review of FAA Performance (FAA [Federal Aviation Administration]—Folder 6)
**Date:** 1974

**Box 1, File 29:**
**Title:** Air Safety: Selected Review of FAA Performance (FAA [Federal Aviation Administration]—Folder 7)
**Date:** 1975

**Box 1, File 30:**
**Title:** FAA (Federal Aviation Administration)—Folder 8
**Date:** 1970-1993

**Box 1, File 31:**
**Title:** FAA (Federal Aviation Administration)—Folder 9
**Date:** 1993-1998

**Box 1, File 32:**
**Title:** FAA Gain Project (FAA [Federal Aviation Administration]—Folder 10
**Date:** 1995-1998

**Box 1, File 33:**
**Title:** Excerpts from letter to FAA Administrator Garvey from C. O. Miller (FAA [Federal Aviation Administration]—Folder 11)
**Date:** 1997

**Box 1, File 34:**
**Title:** DCA (FAA [Federal Aviation Administration]—Folder 12
**Date:** 1978-1981

**Box 1, File 35:**
**Title:** COM’s Letters/Comments Re FAA (FAA [Federal Aviation Administration]—Folder 13
**Date:** 1967-1988

**Box 1, File 36:**
**Title:** FAA (Federal Aviation Administration)—Folder 14
**Date:** 1989-1991
Box 1, File 37:
Title: FAA (Federal Aviation Administration)—Folder 15
Date: 1970-1998

Box 2, File 1:
Title: Report to the Federal Aviation Administration (FAA [Federal Aviation Administration]—Folder 16
Date: 1975

Box 2, File 2:
Title: Federal Aviation Administration—Folder 17
Date: 1980-1998

Box 2, File 3:
Title: Federal Aviation Administration—Folder 18
Date: 1997-1999

Box 2, File 4:
Title: FAA Gen (Folder 1, part of FAA [Federal Aviation Administration]—Folder 19)
Date: 1958-1987

Box 2, File 5:
Title: FAA Gen (Folder 2, part of FAA [Federal Aviation Administration]—Folder 20)
Date: 1964-1987

Box 2, File 6:
Title: FAA Gen (Folder 3, part of Federal Aviation Administration—Folder 21)
Date: 1965-1987

Box 2, File 7:
Title: FAA (Federal Aviation Administration)—Folder 22
Date: 1992-1995

Box 2, File 8:
Title: FAA (Federal Aviation Administration)—Folder 23
Date: 1967-1994

Box 2, File 9:
Title: FAA (Federal Aviation Administration)—Folder 24
Date: 1966-1987

Box 2, File 10:
Title: FAA (Federal Aviation Administration)—Folder 25
Date: 1973-1974
Box 2, File 11:
Title: FAA (Federal Aviation Administration)—Folder 26
Date: 1976-1992

Box 2, File 12:
Title: FAA (Federal Aviation Administration)—Folder 27
Date: 1966-1996

Box 2, File 13:
Title: Advisory Circular Checklist and status of other FAA Publications ... (FAA [Federal Aviation Administration]—Folder 28
Date: 1967-1997

Box 2, File 14:
Title: FEI (Federal Executive Institute)
Date: 1971-1975

Box 2, File 15:
Title: FOIA (Freedom of Information Act, US)
Date: 1999

Box 2, File 16:
Title: FSF (Flight Safety Foundation)—Folder 1
Date: 1956-1999

Box 2, File 17:
Title: FSF (Flight Safety Foundation)—Folder 2
Date: 1945-1974

Box 2, File 18:
Title: FSF (Flight Safety Foundation)—Folder 3
Date: 1962-1998

Box 2, File 19:
Title: FSF (Flight Safety Foundation)—Folder 4
Date: 1962-1994

Box 2, File 20:
Title: FSF (Flight Safety Foundation)—Folder 5
Date: 1973-1987

Box 2, File 21:
Title: FSF (Flight Safety Foundation)—Folder 6
Date: 1985-1993

Box 2, File 22:
Title: FSF (Flight Safety Foundation)—Folder 7
Date: 1987-1995

Box 2, File 23:
Title: FSF (Flight Safety Foundation)—Folder 8
Date: 1947-2001

Box 3, File 1:
Title: Geological Survey (Department of Interior, US)
Date: undated
Scope and Content: This file consists of a single item, a United States Geological survey brochure, “Topographic Map Symbols.”

Box 3, File 2:
Title: Hazard Information Foundation, Inc.
Date: 1998-2000

Box 3, File 3:
Title: HFS (Human Factors and Ergonomics Society).
Date: 1978-1999

Box 3, File 4:
Title: (ICAO) International Civil Aviation Organization
Date: 1969-1999

Box 3, File 5:
Title: INPO (Institute of Nuclear Power Operations—Folder 1
Date: 1984-1998

Box 3, File 6:
Title: INPO (Institute of Nuclear Power Operations—Folder 2
Date: 1983-1991

Box 3, File 7:
Title: ISA (International Safety Academy)
Date: 1971-1973

Box 3, File 8:
Title: ISASI (The International Society of Air Safety Investigators)
Date: 1999-2000

Box 3, File 9:
Title: ISASI Peer Review Group (ISASI [The International Society of Air Safety Investigators]—Folder 2)
Date: 1999
Box 3, File 10:
Title: ISASI (The International Society of Air Safety Investigators)—Folder 3
Date: 1996-1999

Box 3, File 11:
Title: ISASI Positions—Arguments (ISASI [The International Society of Air Safety Investigators]—Folder 4)
Date: 1993-1999

Box 3, File 12:
Title: ISASI Misc. (ISASI [The International Society of Air Safety Investigators]—Folder 5)
Date: 1964-1997

Box 3, File 13:
Title: ISASI Misc.—Folder 2 (ISASI [The International Society of Air Safety Investigators]—Folder 6)
Date: 1971-1997

Box 3, File 14:
Title: ISASI Misc.—Folder 3 (ISASI [The International Society of Air Safety Investigators]—Folder 7)
Date: 1982-1998

Box 3, File 15:
Title: Current Code of Ethics & Conduct and “Enforcement Procedure” (ISASI [The International Society of Air Safety Investigators]—Folder 8)
Date: 1983-1985

Box 3, File 16:
Title: Misc. COM’s Writings Re ISASI (letters, notes, etc.) (ISASI [The International Society of Air Safety Investigators]—Folder 9)
Date: 1992-1994

Box 3, File 17:
Title: ISASI (The International Society of Air Safety Investigators)—Folder 10
Date: 1992-1994

Box 3, File 18:
Title: ISASI AZ Chapter—Folder 1 (ISASI [The International Society of Air Safety Investigators]—Folder 11)
Date: 1994-2001

Box 3, File 19:
Title: ISASI AZ Chapter—Folder 2 (ISASI [The International Society of Air Safety Investigators]—Folder 12)
Date: 1993-1994

Box 3, File 20:
Title: ITSA (The International Transportation Safety Association)
Date: 1994-1997

Box 3, File 21:
Title: JSSSF (Joint Services Systems Safety Panel)
Date: 1992-1994

Box 3, File 22:
Title: Lawyer-Pilots Bar Association
Date: 1980-1998

Box 3, File 23:
Title: Arizona Aviation Hall of Fame (Miscellaneous Organizations--Folder 1)
Date: 1991-2001

Box 3, File 24:
Title: Marine Corps Aviation Association/Marine Night Fighter Association—Folder 1
(Miscellaneous Organizations--Folder 2)
Date: 1994-1999

Box 3, File 25:
Title: Marine Corps Aviation Association/Marine Night Fighter Association—Folder 2
(Miscellaneous Organizations--Folder 3)
Date: 1996-1998

Box 3, File 26:
Title: Andrew Weir Productions (Miscellaneous Organizations--Folder 4)
Date: 1996

Box 3, File 27:
Title: Wings of Light (Miscellaneous Organizations--Folder 5)
Date: 1996-1998

Box 3, File 28:
Title: Miscellaneous Organizations--Folder 6
Date: 1992-1999

Box 3, File 29:
Title: Organization Indexes (Miscellaneous Organizations--Folder 7)
Date: 1983

Box 3, File 30:
Title: Miscellaneous Organizations—Folder 8
Date: 1989-1999

Box 3, File 31:
Title: National Academy of Forensic Engineers (Miscellaneous Organizations—Folder 9)
Date: 1992

Box 3, File 32:
Title: The MITRE Corporation
Date: 1976-1989

Box 3, File 33:
Title: NADA/F (National Air Disaster Alliance/Foundation)
Date: 1996-2001

Box 3, File 34:
Title: NAC (National Aviation Club)
Date: 1993-1998

Box 3, File 35:
Title: NAS (National Avionics Society)
Date: 1990-1993

Box 3, File 36:
Title: NASA (National Aeronautics and Space Administration)—Folder 1
Date: 1966-1987

Box 4, File 1:
Title: NASA (National Aeronautics and Space Administration)—Folder 2
Date: 1977-1989

Box 4, File 2:
Title: NASA (National Aeronautics and Space Administration)—Folder 3
Date: 1977-1985

Box 4, File 3:
Title: NASA (National Aeronautics and Space Administration)—Folder 3
Date: 1977-2001

Box 4, File 4:
Title: Navy (US Department of the Navy)
Date: 1975-2000

Box 4, File 5:
Title: NBAA (National Business Aircraft Association)
Date: 1967-1996
Scope and Content: This file consists of the single item *Catalog of Aeronautical Charts and Related Publications*

Box 4, File 16:
Title: Regional Airlines Association
Date: 9 February 1987
Scope and Content: The file contains only a letter from Richard L. Collie, Technical Director of the RAA to Miller, re video “Risky Business.”

Box 4, File 17:
Title: SAC (Society of Aerospace Communications)
Date: 1996-1997

Box 4, File 18:
Title: SAE (Society of Automobile Engineers)
Date: 1986
Date note: Date is estimate
Scope and Content: This file consists of a single item, the booklet “SAE in Aerospace: Reliability and Progress in the Air.”

Box 4, File 19:
Title: SAFE Association
Date: 1974-1993

Box 4, File 20:
Title: SAFE Association
Date: Safety and Health Hall of Fame 1988-1997

Box 4, File 21
Title: SETP (The Society of Experimental Test Pilots)
Date: 1962-1990
Scope and Content: This file contains correspondence, clippings, programs, and in particular a poll asking for information about escape and survival requirements.

Item:
Title: Safety Considerations and Human Reliability of the Experimental Test Pilot
Date: 1966
Name of Creator: Charles O. Miller
Scope and Content: A paper presented in Anaheim, California.

Box 4, File 21
Title: Society of Senior Aerospace Executives
Date: 1986-2000

Box 4, File 22
Title: Corporate Documents (SSI [System Safety, Inc]—Folder 1)
Date: 1974-1999

Box 4, File 24
Title: AZ Incorporation (SSI [System Safety, Inc.]—Folder 2)
Date: 1986-1992

Box 4, File 25
Title: Incorporation in Delaware (SSI [System Safety, Inc.]—Folder 3)
Date: 1974-1992

Box 4, File 26
Title: Delaware Registration/Tax (SSI [System Safety, Inc.]—Folder 4)
Date: 1981-1990

Box 4, File 27
Title: Misc ID Numbers Etc (SSI [System Safety, Inc.]—Folder 5)
Date: 1975-1989

Box 4, File 28
Title: Annual Meetings (SSI [System Safety, Inc.]—Folder 6)
Date: 1974-1993

Box 4, File 29
Title: Virginia & Fairfax Co SSI Operations (SSI [System Safety, Inc.]—Folder 7)
Date: 1977-1989

Box 4, File 30
Title: Trademark (SSI [System Safety, Inc.]—Folder 8)
Date: 1977-1993

Box 4, File 31
Title: Consulting Contracts—Folder 1 (SSI [System Safety, Inc.]—Folder 9)
Date: 1963-1974

Box 4, File 32
Title: Pres Task Force Contract: Consulting Contracts—Folder 2 (SSI [System Safety, Inc.]—Folder 10)
Date: 1972-1981

Box 4, File 33
Title: NRC Contract: Consulting Contracts—Folder 3 (SSI [System Safety, Inc.]—Folder 11)
Date: 1978-1979

Box 4, File 33
Title: Consulting Contracts—Folder 4 (SSI [System Safety, Inc.]—Folder 12)
Date: 1983-1990

Box 4, File 35:
Title: Prior Security Clearance, SSI etc: Security Clearance—Folder 1 (SSI [System Safety, Inc.—Folder 13)
Date: 1965-1975
Scope and Content: This file contains security clearance documents and correspondence concerning System Safety, Inc.
Conditions Governing Access: This file is restricted for reasons of privacy of the family.

Item:
Title: SSI Security Files
Date: Undated
Name of Creator: Creator is assumed to be Charles O. Miller
Scope and Content: Handwritten filing scheme for the group of files labeled “Security Clearance” that starts with this one.

Box 5, File 1:
Title: Correspondence—IN: Security Clearance—Folder 2 (SSI--System Safety, Inc.—Folder 14)
Date: 1983-1987

Box 5, File 2:
Title: Correspondence—OUT: Security Clearance—Folder 3 (SSI--System Safety, Inc.—Folder 15)
Date: 1983

Box 5, File 3:
Title: Inspections: Security Clearance—Folder 4 (SSI--System Safety, Inc.—Folder 16)
Date: 1976-1985

Box 5, File 4:
Title: Forms/Instructions: Security Clearance—Folder 5 (SSI--System Safety, Inc.—Folder 17)
Date: 1983

Box 5, File 5:
Title: Gov’t Entity (CAGE) Code: Security Clearance—Folder 6 (SSI--System Safety, Inc.—Folder 18)
Date: 1983

Box 5, File 6:
Title: Miscellaneous: Security Clearance—Folder 7 (SSI--System Safety, Inc.—Folder 19)
Date: Undated

Box 5, File 7:
Title: Personnel: C. O. Miller—Folder 8 (SSI--System Safety, Inc.—Folder 20)
Scope and Content: This file is part of the “Security Clearance” group.
Box 5, File 8:
**Title:** Personnel: Ilene F. Miller: Security Clearance—Folder 9 (SSI [System Safety, Inc.—Folder 21)
**Date:** 1983
**Scope and Content:** This file contains completed forms relating to the security clearance of Miller’s wife, Ilene Miller, as vice president and secretary of System Safety, Inc.
**Conditions Governing Access:** This file is restricted for reasons of privacy of the family.

Box 5, File 9:
**Title:** SPP—Current: Security Clearance—Folder 10 (SSI--System Safety, Inc.—Folder 22)
**Date:** 1983

Box 5, File 10:
**Title:** DOD 5320.22-M Security Manual: Security Clearance—Folder 11 (SSI--System Safety, Inc.—Folder 23)
**Date:** 1982-1985

Box 5, File 11:
**Title:** Personnel—Cheryl M. Davis: Security Clearance—Folder 12 (SSI--System Safety, Inc.—Folder 24)
**Date:** 1983
**Scope and Content:** This file contains completed forms relating to the security clearance of Miller’s daughter Cheryl Miller Davis, as a member of the board of directors of System Safety, Inc.
**Conditions Governing Access:** This file is restricted for reasons of privacy of the family.

Box 5, File 12:
**Title:** SSS (System Safety Society)—Folder 1
**Date:** 1974-1999

Box 5, File 13:
**Title:** SSS (System Safety Society)—Folder 2
**Date:** 1989-1991

Box 5, File 14:
**Title:** SSS (System Safety Society)—Folder 3
**Date:** 1964-1968

Box 5, File 15:
**Title:** SSS (System Safety Society)—Folder 4
Box 5, File 16:
Title: SSS (System Safety Society)—Folder 2
Date: 1989-1991

Box 5, File 17:
Title: SSS (System Safety Society)—Folder 6
Date: 1985-2001
Scope and Content: This file contains correspondence, society publications, and notices.

Item
Title: News Release
Date: 9 March 1993
Scope and Content: This news release documents the sale of Miller’s System Safety, Inc. to Embry-Riddle Professor William Waldock.

Box 5, File 18:
Title: University of Southern California (USC)—Folder 1
Date: 1963-1999
Scope and Content: Contents are booklets, brochures, periodical articles, and periodicals.

Box 5, File 19:
Title: University of Southern California (USC)—Folder 2
Date: 1967-1994
Scope and Content: This file contains correspondence, booklets, brochures, periodical articles, a poster, and periodicals.

Box 5, File 20:
Title: University of Southern California (USC)—Folder 3
Date: 1964-1988
Scope and Content: Contains correspondence, booklets, notes, brochures, periodical articles, and periodicals.

Box 5, File 21:
Title: University of Southern California (USC)—Folder 4
Date: 1983-1996
Scope and Content: Consists of correspondence, booklets, directories, minutes, notes, meeting agenda, brochure, course list and description, schedule, report, map, and roster.

Box 5, File 22:
Title: University of Southern California (USC)—Folder 5
Date: 1989-1995
Scope and Content: Contents include correspondence, periodical article, organization chart, candidate statements, booklets, flyer.
Box 5, File 23:
Title: USSR (Union of Soviet Socialist Republics)
Date: 1969-1974
Scope and Content: Contains bulletins, flyers, State Department Background Notes, personal notes, memorandum, meeting roster, correspondence including letters in Cyrillic, report, periodical article.
Languages and Scripts of the Material: Some letters in Cyrillic.

Box 5, File 24:
Title: WJC (The Washington Journalism Center)
Date: 1985
Scope and Content: This file contains rosters, correspondence, and notes.

Series 2:
Title: Publications and Supporting Papers
Date: 1928-2000
Extent: 2.5 linear feet
Scope and Content: Series 2 consists of Miller’s publications as listed in a numbered publication list in Box 6, File 59, of drafts and reference materials used in writing, as well as correspondence and articles concerning the concept and implementation (including committee materials) of the legal concept of “Probable Cause.” Miller served on a committee concerning this issue, and he wrote two papers on the subject.
Related Archival Materials: Another list of Miller’s publications can be found at http://www.iprr.org/LIB/COMrefs.html

Subseries 1:
Title: Publications and Presentations
Date: 1954-1999
Extent: 1.5 linear feet
Scope and content: Series 2, Subseries 1 consists of copies of Miller’s published and unpublished papers as listed in a numbered publications list. (See publication lists in Box 6, File 59 at the end of this subseries.) Some papers on Miller’s list are not in this subseries: numbers 17, 24, 27, 43, 65, 81, 92, 95, 102, 106, 111, 112, 114-117, 120, 122-125, 127, and 134. Occasional memoranda are included in the files, along with extra or revised copies. Six of the 114 papers represented here were co-authored, five of these by other officials at the National Transportation Safety Board during Miller’s employment there.
System of Arrangement: Each file represents a different paper, in date order starting with the oldest, and in order by publication number.
Existence and Location of Copies: All material in this subseries has been scanned and is in process of being uploaded to the Archives’s digital archiving management system as PDF files. Some of these papers are originals, and some have copies or originals located in other files as noted in the file descriptions.
Box 5, File 25:
Title: Applying Lessons Learned from Accident Investigations to Design Through a Systems Safety Concept
Date: 1954
Scope and content: This was a paper presented in November to a Flight Safety Foundation Seminar held in Santa Fe, New Mexico. Paper #1.

Box 5, File 26:
Title: Design Systems Safety in Operations
Date: November 1955
Scope and content: This was a paper presented in November to a Flight Safety Foundation Seminar in Taxco, Mexico. Paper #2.

Box 5, File 27:
Title: Evaluation of Transverse Acceleration (Rear to Front) Utilizing Conventional and Special Restraint Gear
Date: February 1957
Scope and content: This was Chance Vought Aircraft Report No. 10816, and Paper #3 on the publications list utilized for this project.

Box 5, File 28:
Title: The Role of Malfunction Reporting in Flight Safety
Date: 1957
Scope and Content: This was a paper presented in March to the Air Force-Aircraft Industry Conference on Air Force-Contractor Piloted Aircraft Reliability Programs in Santa Barbara, California. Paper #4.

Box 5, File 29:
Title: An Airframe Contractor’s Approach to Optimum Flight Safety
Date: 1957
Scope and Content: This was presented to an April National Aerospace Development Center symposium in Johnsville, Pennsylvania. Paper #5.

Box 5, File 30:
Title: Stresses Affecting the Pilot During Post Stall Maneuvers of High Performance Aircraft
Date: 1957-1958
Scope and Content: This paper was presented the May meeting of the Aero Medical Association in Denver, Colorado, and subsequently published in the Journal of Aerospace Medicine in March 1958. Paper #6.

Box 5, File 31:
Title: The Role of Flight Safety Engineering in Aircraft Reliability and Effectiveness
Date: August 1957

Box 5, File 32:
Title: Analysis of Ejections from Jet Fighter Aircraft
Date: 1 October 1957
Scope and Content: This was Chance Vought Aircraft Report No. 11184. Paper #8.

Box 5, File 33:
Title: Application of Human Factors in High Performance Aircraft Design
Date: 1958
Scope and Content: This paper was given in September at the Third International Congress of Aviation Medicine in Louvain, Belgium. Paper #9.

Box 5, File 34:
Title: Flight Safety and Manned Missiles
Date: 1959

Box 5, File 35:
Title: Space Age Feedback to General Aviation Safety
Date: 1959

Box 5, File 36:
Title: “There she goes!”
Date: July 1960
Scope and Content: Published in Approach, pp. 4-7. Paper #12.

Box 5, File 37:
Title: The Omni-Sonic Flight Capsule—A Practical Reality
Date: 1960

Box 5, File 38:
Title: Emergency Information Criteria Revealed in F8U Major Accidents to 1 July 1961
Date: 1961
Existence and Location of Copies: One copy is in Box 49 removed from Box 33, File 4, 5.3.2 Ejection Seats, Folder 2, because it is a Gevaert chemical copy.

Box 5, File 39:
Title: Design Safety Considerations for a Tilt Wing VTOL Transport
Date: 1961  

Box 5, File 40:  
Title: Legal Ramifications of Aircraft Accident/Malfunction Data  
Date: 1962  
Existence and Location of Copies: Another copy is in Box 49, removed from Box 22, File 20 because it is an ammonia-process copy. Other copies are in Box 23, File 6 (Reports, Letters, Notes Folder 7) and File 7.

Box 5, File 41:  
Title: The Engineer, lawyer, and Flight Safety  
Date: 1963  
Scope and Content: This paper was presented at the April SAE-ASNE National Aero Nautical Meeting in Washington, DC. Paper #18.

Box 5, File 42:  
Title: Economics of Safety in Civil Aviation (Planning Study)  
Date: December 1963  
Scope and Content: This paper was co-authored with J. Lederer and C. F. Schmidt, as Technical Report ADS-7 for the Federal Aviation Agency in Washington, DC. Paper #19.

Box 5, File 43:  
Title: Aviation Law—Air Safety (  
Date: 1964  
Scope and Content: This was published in the USC Aerospace Safety Review, Fall issue. Paper #20.

Box 5, File 44:  
Title: The Safety Information Challenge  
Date: 1964  

Box 5, File 45:  
Title: Reaction Time and the Fear Stressor in Aviation Safety  
Date: January 1965  
Scope and Content: There is no publication information for this, Paper #22.

Box 5, File 46:  
Title: Safety During System Effectiveness Effort …A Management or Engineering Cost Item?
Date: June 1965  
Scope and Content: There is no publication information for this, Paper #23.

Box 5, File 47:  
Title: Industry Safety Information Interchange System Part II: Current Safety Information Classification, Storage and Retrieval  
Date: 1965  

Box 5, File 48:  
Title: Observations Relative to Fault Tree Analysis  
Date: October 1965  
Scope and Content: No publication information is available for this paper, #26. 
Existence and Location of Copies: Other copies are in Box 12, Files 23 and 24, 1.1.6 Hazard Analyses, Folders 27 and 28.

Box 5, File 49:  
Title: Safety Engineering and Manned Space Systems  
Date: May 1966  
Scope and Content: No publication information is available for paper #28.

Box 5, File 50:  
Title: Human Capabilities and Limitations  
Date: 1966  
Scope and Content: Title page information shows that this was completed in July while at the Institute of Aerospace Safety and Management, University of Southern California, but no publication information is given for paper #29.

Box 5, File 51:  
Title: Human Engineering in Equipment Design  
Date: 1966  
Scope and Content: This was an August course paper in UCAM 517 at the University of Southern California, paper #30.

Box 5, File 52:  
Title: The Role of System Safety in Aerospace Management  
Date: 1967  
Scope and Content: The title page of this paper shows only the date and “Institute of Aerospace Safety and Management, University of Southern California. Paper #31.  
Existence and Location of Copies: There is a copy of this paper in Box 20, File 25, 3.0 Safety Management Folder 33.

Box 5, File 53:  
Title: The Influence of Systems Engineering and Management on Aviation Products Liability
Date: 1966
Scope and Content: On the title page of this paper are “Aerospace Safety Division, University of Southern California,” copyright information, and the dates of completion (12 January 1966) and revision (16 May 1966). Paper #32.
Existence and Location of Copies: There are copies in Box 21, File 8, 3.0 Safety Management—Folder 40; and Box 23, File 8, 3.4 Legal—Folder 19.

Box 5, File 54:
Title: The Application of System Safety and Management to the Civil Air Carrier System
Date: 1966
Scope and Content: Completed in August and presented to the Thirteenth ALPA Air Safety Forum in October, Los Angeles, California. Paper #33.

Box 5, File 55:
Title: The Dynamics of Accident Prevention Information
Date: 1967
Scope and Content: Published in the June issue of Canadian Aeronautics and Space Journal (pp. 273-277). There are two copies, one photocopy and one original periodical (tearsheets). Paper #34.

Box 5, File 56:
Title: Safety Considerations and Human Reliability of the Experimental Test Pilot
Date: 1966

Box 5, File 57:
Title: Safety and Semantics
Date: 1996-1998
Scope and Content: Published in University of Southern California Aerospace Safety Review (2 copies, one original and a 1998 “cleaned-up version”). Paper #36.

Box 5, File 58:
Title: A Survey of Problems Attendant to the Introduction of High Strength Materials in Aerospace Design
Date: 1967
Scope and Content: There is no publication information for these two copies of Paper #37.

Box 5, File 59:
Title: Expanded NASA Safety Program (A Preliminary Discussion)
Date: June 1967
Scope and Content: Title page says only that this paper (#37a) was prepared by Miller as “Consultant-Aerospace Safety.”
Box 5, File 60:
Title: Considerations in the Formation of the NASA Aerospace Safety Advisory Panel
Date: October 1967
Scope and Content: Title page says only that this paper (#38) was prepared by Miller as “Consultant-Aerospace Safety.”

Box 5, File 61: Conceptual Approaches to Safety
Date: October 1967
Scope and Content: Title page says only that this paper (#39) was prepared by Miller as director of research, Institute of Aerospace Safety & Management, University of Southern California.

Box 5, File 62:
Title: State of the Art in Air Safety
Date: 1968
Scope and Content: For presentation at the April Symposium on Air Safety at the School of Law, Southern Methodist University in Dallas, Texas. Paper #40.

Box 5, File 63:
Title: System Safety as a Function of Risk management
Date: 1968
Existence and Location of Copies: A copy is in Box 25, File 2, 3.11 Risk Management, Folder 2.

Box 5, File 64:
Title: about consulting
Date: 1968
Scope and Content: Published in Engineer/Scientist, May, pp. 7, 9 (two copies, one photocopy and one consisting of tearsheets. Paper #42.

Box 5, File 65:
Title: Hazard Analysis and Identification in System Safety Engineering
Date: 1968
Scope and Content: Published in 1968 Annals of the Assurance Sciences, New York, ASME (American Society of Mechanical Engineers), Paper #44.
Existence and Location of Copies: Copy in Box 12, File 24, 1.1.6 Hazard Analyses, Folder 28.

Box 5, File 66:
Title: Remarks at the FSF Awards Luncheon
Date: 1968
Scope and Content: These remarks were made October 9, 1968 as director of the Bureau of Aviation Safety, National Transportation Safety Board at the Flight Safety Foundation Awards Luncheon in Anaheim, California. Paper #45.
Box 5, File 67:
Title: Keynote Remarks at the Tenth Annual West Coast Reliability Symposium
Date: 1969
Scope and Content: This is an outline of his February 21 talk. Paper #46.

Box 5, File 68:
Title: Test and Verification Phase of System Safety Analysis
Date: 1969

Box 5, File 69:
Title: Basic Dimensions of the Safety Education Task
Date: 1969
Scope and Content: This is an abstract and outline of a speech presented at the USAF/Industry System Safety Conference in February, paper #48.

Box 5, File 70:
Title: Development and Description of System Safety
Date: 1969
Scope and Content: This is the text of a speech, with what is apparently a transcript of a question-and-answer session. There are page numbers (pp. 43-65), but the copy is undated, with no publication or presentation information included. This is paper #49, positioned on the publication list between two papers given in 1969, so the assumption is it was given in the same year.

Box 5, File 71:
Title: Some Comparative Thoughts Concerning International Civil Aircraft Accident Inquiry Methodologies
Date: 1969
Scope and Content: For presentation at the American Bar Association Annual Meeting, Dallas, Texas, in August. Paper #50.

Box 5, File 72:
Title: Systems Approach to Accident Investigation
Date: 1969
Scope and Content: For presentation at the Flight Safety Foundation Annual Seminar, Montreux, Switzerland, in October. Paper #51.
Existence and Location of Copies: See “Systems Approach to Accident Investigation …Extracts” in ISASI Forum April 1971 in Box 9, 1.1.1 Accident Investigation, Folder 25, File 14; and a copy of this version in File 10, Folder 21.

Box 5, File 73:
Title: Accident Cause Factors and Beyond
Date: 1970

Box 5, File 74:
Title: Procedures and Conduct During On-Site Investigation of Aviation Accidents
Date: 1970
Scope and Content: This paper was co-authored with W. L. Halnon and presented at the Southern Methodist University Symposium on Air Accident Investigation and Litigation, Dallas, Texas, in March. Paper #53.

Box 5, File 75:
Title: Why “System Safety”?
Date: 1971

Box 5, File 76:
Title: U. S. General Aviation Safety Record
Date: 1971

Box 5, File 77:
Title: Requirements for System Safety Programs as Delineated by MIL-STD-882
Date: 1971
Scope and Content: For presentation at the NASA System Safety Conference, Goddard Space Flight Center, Greenbelt, Maryland, in May. Paper #56.
Existence and Location of Copies: Second copy in Box 17, File 1.

Box 5, File 78:
Title: The Bureau of Aviation Safety Views Human Factors in Aviation Accident Investigation
Date: 1971
Scope and Content: Described on the title page as “(Edited Remarks Presented at the Second Annual Seminar Conducted by the Society of Air Safety Investigators), Los Angeles, California, October 26.” Paper #57.

Box 5, File 79:
Title: Aviation Accident Losses in Perspective
Date: 1972
Existence and Location of Copies: Copy in Box 24, File 18, 3.8 Policies/Philosophies
Box 5, File 80:
Title: Aviation Product Liability from the Air Safety Investigation Point of View
Date: 1972
Existence and Location of Copies: Copies in Box 8, File 19, 1.1.1 Accident Investigation, Folder 8; and Box 24, File 6, 3.4.1. Product Liability, Folder 7

Box 6, File 1:
Title: Safety Problems in Air Transportation
Date: 1972

Box 6, File 2:
Title: A Current Look at Annex 13
Date: 1973
Existence and Location of Copies: Copy in Box 8, File 19, 1.1.1 Accident Investigation, Folder 8

Box 6, File 3:
Title: Analysis of Lightplane Accident Records
Date: 1973

Box 6, File 4:
Title: Use of ARTS-III in Aircraft Accident Investigation
Date: 1973
Scope and Content: This paper was co-authored with W. G. Laynor and presented at the Air Traffic Control Association Annual Meeting in Miami, Florida, in October 1973. Paper #63.

Box 6, File 5:
Title: Legal and Litigation Barriers to the Communication of Human Factors Safety Information
Date: 1974
Existence and Location of Copies: Copy in Box 37, File 20, 6.5 Human Factors, Folder 11; and in Box 38, File 16, 6.5 Human Factors, Folder 29
Box 6, File 6:
**Title:** Aviation Safety: Progress or Progression?
**Date:** 1975

Box 6, File 7:
**Title:** Flight Management in a Non-Challenging Task Environment
**Date:** 1975

Box 6, File 8:
**Title:** Pilot Error by “Design”
**Date:** 1976
**Scope and Content:** Published in *Air Line Pilot*, October 1976, pp. 15-18 (two copies, one of tearsheets from *Air Line Pilot* and one reprint from the same(?) article in *Journal of Air Law and Commerce* (Vol. 42, No. 1, 1976). Paper #68.

Box 6, File 9:
**Title:** Requirements and Practices in Safety Education and Training for Aviation
**Date:** 1976
**Scope and Content:** Presented at the University of Southern California Transportation Safety Seminar, Los Angeles, California, in May 1976. Paper #69.

Box 6, File 10:
**Title:** Analysis of Current Safety Aspects of Proposed Operations at the PanAm Building Heliport by New York Airways
**Date:** September 1976
**Scope and Content:** Description on title page only says that this paper was written for the Flight Safety Foundation, Inc. Paper #70.

Box 6, File 11: “The Public’s Total Stake in Aviation Accident Investigation” presented at the 7th International Seminar of the International Society of Air Safety Investigators, September 1976 (#71)

Box 6, File 12:
**Title:** Human Factors Accident Investigation and the Question of Pilot Decision-Making
**Date:** 1977
**Existence and Location of Copies:** Copy in Box 9, File 8, 1.1.1 Accident Investigation, Folder 19

Box 6, File 13:
Title: Organization for Safety in a Medium-Size Jet Airline
Date: 1977
Existence and Location of Copies: Copies in Box 20, File 17, 3.0 Safety Management, Folder 25, and Folder 30, File 22

Box 6, File 14:
Title: Crashworthiness and Products Liability

Box 6, File 15:
Title: The Role of the Independent Expert in Aviation Cases (Consultant Expert vs Expert Witness et al)
Date: 1977

Box 6, File 16:
Title: Behind the Facts
Dates: 1978

Box 6, File 17:
Title: Civil Aviation Accident Investigation: An Interface Between Aviation Law and Air Safety
Dates: 1978

Box 6, File 18:
Title: The Dynamics of General Aviation Accident Insurance in the Perspective of Contract Law
Date: 1978-1979

Box 6, File 19:
Title: The Application of Admiralty Law to Aircraft Accident Cases
Date: 1978-1979
Box 6, File 20:
Title: Legal Actions Involving Flight Attendants (an outline)
Date: 1979

Box 6, File 21:
Title: Human Factors in Accident Investigation
Date: 1979

Box 6, File 22:
Title: Safety Management Factors Germane to the Nuclear Reactor Accident at Three Mile Island, March 28, 1979
Date: 1980

Box 6, File 23:
Title: Comparative Analysis of Federal Legislative Mandates for Public Safety
Date: 1981
Existence and Location of Copies: Copy in Box 24, File 18, 3.8 Policies/Procedures

Box 6, File 24:
Title: Civil Aircraft Accident/Incident Information and the Freedom of Information Act
Date: 1980
Scope and Content: For the Potomac School of Law, May 1980 (no publication information. Paper #85.

Box 6, File 25:
Title: Nuclear Energy and Supreme Court Issues
Date: 1980

Box 6, File 26:
Title: Statement of C. O. Miller Regarding the Safety Mission of the Federal Aviation Administration Before the Subcommittee on Aviation of the Committee on Public Works and Transportation
Date: 1980
Scope and Content: This statement was given before the U. S. House of Representatives, August 1980. Paper #87.
Box 6, File 27:
Title: Safety Programs and the Public—1980
Date: 1980

Box 6, File 28:
Title: The Risk to Innocent Bystanders on the Ground from Aircraft Crashes: U. S. Civil Aviation, 1964-1978
Date: December 1980
Scope and Content: There is no publication information for this paper. Paper #89.

Box 6, File 29:
Title: Coordination Between Parties in Civil Aircraft Accident Investigation: the Pathway to Improved Social Justice and Accident Prevention
Date: 1981

Box 6, File 30:
Title: Aviation Crash Injury Prevention: perspective 1981
Date: 1981

Box 6, File 31:
Title: Human Error and the Legal Process
Date: 1981

Box 6, File 32:
Title: Remarks Re Petition to NTB
Date: 1981

Box 6, File 33:
Title: Aviation Safety Research and Related Items
Date: 1982

Box 6, File 34:
Title: Development of the International Society of Air Safety Investigators Code of Ethics and Conduct, 1982
Date: 1982
Scope and Content: Presented at an ISASI Seminar in Tel Aviv, Israel, October 1982. Paper #97.

Box 6, File 35:
Title: Recent Trends in Human Factors Analysis in Aviation Accidents
Date: 1982

Box 6, File 36:
Title: System Safety in Aircraft Acquisition
Date: 1983

Box 6, File 37:
Title: A Comparison of Military and Civil Approaches to Aviation System Safety
Date: 1983

Box 6, File 38:
Title: Safety Management: A New Cause of Legal Action?
Date: 1984

Box 6, File 39:
Title: System Safety Engineering: Perspective for the 80’s
Date: 1984

Box 6, File 40:
Title: Human Performance and the Law
Date: 1984
Existence and Location of Copies: Copy in Box 23, File 3, Reports, Letters, Notes—Folder 4, same as 3.4 Legal—Folder 13

Box 6, File 41:
Title: U. S. Civil Aviation and System Safety
Date: Undated
Scope and Content: There are no dates or publication information on this paper (#105). Given its position between 1984 and 1986, there is a three-year span of possible dates.

Box 6, File 42:
Title: The Broader Lesson from “Challenger”
Date: 1987

Box 6, File 43:
Title: Safety Management
Date: 1987

Box 6, File 44:
Title: Remarks before the House Subcommittee on Consumer Protection and Competitiveness Concerning H. R. 2238 (A Proposed Change to the FAA Act of 19958 Relating to General Aviation Accidents
Date: 1987

Box 6, File 45:
Title: Discussant Observations Surveillance and Government Infrastructure (Air)
Date: 1987

Box 6, File 46:
Title: Management Factor Investigation Following Civil Aviation Mishaps
Date: 1988

Box 6, File 47:
Title: Down with “Probable Cause” …!
Date: 1991
Box 6, File 48:
Title: “Probable Cause”: The Correct Legal Test in Civil Aircraft Accident Investigations?
Date: 1992

Box 6, File 49:
Title: Analysis of Selected Accidents and Incidents At or Near the Sedona, AZ Airport (An Outline Report)
Date: 1993

Box 6, File 50:
Title: Accident Prevention Principles/Policies for Senior Aviation Managers
Date: 1995

Box 6, File 51:
Title: In Fairness to the FAA and ValuJet . . . and to the Public
Date: 1996

Box 6, File 52:
Title: Three Faces of Aviation Accident Prevention Management Investigation
Date: 1997

Box 6, File 53:
Title: Commentary on the Gore Commission Report As It Concerns Aviation Safety
Date: 1997
Scope and Content: This is another “prepublication draft,” giving only “Consultant—System Safety, Sedona, Arizona,” and the date of March 18, 1997. Paper #130.

Box 6, File 54:
Title: Trapped by “Probable Cause,”
Date: 1997-1998
Scope and Content: There are two papers, one with this title as published in Air Line Pilot, January 1998, and the other with the title “TWA Flight 800: the NTSB, the FAA and the Public . . . Trapped by ‘Probable Cause’” (October 1997). Paper #131.

Box 6, File 55:
Title: The Evolution of MIL-STD-882—from the Notes of C. O. Miller
Date: 1997

Box 6, File 56:
Title: Battles in the War to Prevent Aviation Accidents
Date: 1998
Scope and Content: Described on the title page as “prepared for presentation at the Air & Space Lawyer, March 26, 1998. There are two copies, one with a handwritten note to "Bill" (probably William Waldock). Paper #133.

Box 6, File 57:
Title: The Most Significant Human Error in the Aviation System
Date: 1999

Box 6, File 58:
Title: Resolving the Problem Action Failure
Date: 1999
Scope and Content: These are described on the title page as “Remarks as Chairman of the Panel, ‘Implementing the Findings and Recommendations’, at the 1999 Conference of the International Society of Air Safety Investigators, Boston, MA August 26, 1999.” Paper #136.

Box 6, File 59:
Title: Publication Lists
Date: 1987-2000

Series 2, Subseries 2

Title: Probable Cause
Date: 1928-2000
Extent: 1 linear foot
Scope and Content: These materials include drafts of Miller’s articles on the legal concept of “probable cause” in accident investigation, with reference materials, correspondence, and papers concerning committee work and other discussions of this topic. This work culminated in the articles “Down With ‘Probable Cause’…!,” 1991 (see Series 2, Subseries 1, File 47 of Box 6); “‘Probable Cause’: The Correct Legal Test in Civil Aircraft Accident Investigations?” (1992) in Box 6, File 48; and “Trapped by ‘Probable Cause’” (1997-1998), for which see Series 2, Subseries 1, File 54 of Box 6.

Box 6, File 60:
Title: Probable Cause—Folder 1
Date: 1942-1998
Scope and content: These are materials associated with the causes of aircraft accidents, including presented papers, articles, and correspondence.

Box 6, File 61:
Title: Misc “Probable Cause” Writings
Date: 1991-1997
Scope and content: Included in this folder is correspondence about Miller’s paper, “TW 800...Trapped by ‘Probable Cause,’” with articles on the subject of accident investigation, and a handwritten note by Miller.

Box 6, File 62
Title: Probable Cause—Folder 2
Date: 1993-1998
Scope and content: This folder has materials relating the issue of “probable cause” in accident investigation, mostly articles, correspondence and a presentation, but with notes and a short statement by Miller.

Box 6, File 63
Title: Misc Probable Cause Committee
Date: 1943-1993
Scope and content: Materials in this folder consist of correspondence and other documents relating to a “Probable Cause” committee of which Miller was a constituent. These include a fax of an NTSB document.

Box 6, File 64
Title: Cause Committee Memos (in sequence)
Date: 1987-1992
Scope and content: This folder includes mainly correspondence, some of which concerns his ISASI paper on “Probable Cause,” and much of which consists of correspondence and meeting reports from the ICAO committee on probable cause. Correspondence includes faxes, and there are some handwritten notes by Miller.

Box 6, File 65
Title: Probable Cause References
Date: 1975-1997
Scope and content: The materials in this folder were apparently at least partly reference for Miller’s article on “Probable Cause.” However, it also contains a published letter from Miller to the ISASI Forum (June 1982) and other correspondence to and from Miller.

Box 6, File 66
Title: Probable Cause Paper (ISASI) (Misc Folders—Folder 1)
Date: 1991
Scope and content: This is the first in a group of folders held in an accordion file and labeled with the title of this folder. The first item, National Transportation Safety Board *News Digest* (April 2, 1991, Washington, DC) that now occupies this first file, was not in a folder. The first folder, labeled “ISASI Paper Text & Ref/Biblio,” was empty when pulled for arrangement.

**Box 6, File 67**  
**Title:** Misc Notes for Paper (Misc Folders—Folder 2)  
**Date:** 1988-1991  
Scope and content: This is the second in a group of folders held in an accordion file and labeled “‘Probable Cause’ Paper (ISASI) (Misc Folders).” This folder contains mainly correspondence, including faxes, but there are some notes by Miller and comments by others.

**Box 6, File 68**  
**Title:** Probable Cause Refs—NOT in Biblio or Refs (Misc Folders—Folder 3)  
**Date:** 1966-1991  
Scope and content: This is the third in a group of folders held in an accordion file and labeled “‘Probable Cause’ Paper (ISASI) (Misc Folders).” This folder contains mainly articles and papers, but there are some notes by Miller and some correspondence.

**Box 6, File 69**  
**Title:** Probable Cause Paper (Misc Folders—Folder 3)  
**Date:** 1978-1992  
Scope and content: This is the fourth in a group of folders held in an accordion file and labeled “‘Probable Cause’ Paper (ISASI) (Misc Folders).” This folder contains mainly correspondence and articles, but includes Millers “Master Additional Bibliography” for his paper and some extra pages from it.

**Box 6, File 70**  
**Title:** Refs/ISASI Paper—1  
**Dates of creation:** 1957-1991  
Scope and content: Miller designated this as folder number one of his reference files. It includes mostly articles, papers, and a booklet, but also includes an earlier paper by Miller, “systems Approach to Accident Investigation” (1969), while he was at the National Transportation Safety Board (labeled “#51”).

**Box 6, File 71**  
**Title:** References/ISASI Paper—2 (Alphabetical)  
**Date:** 1942-1991  
Scope and content: This folder contains mainly reports (mostly NTSB and UK Accidents Investigation Branch), with a periodical article, and a little correspondence.

**Box 6, File 72**  
**Title:** Misc Biblio—Folder 1  
**Date:** 1940-1995
Scope and content: Miller’s original accordion folder has been divided into standard folders, with the two books (*Air Crash Investigation of General Aviation Aircraft* by Glenn Ellis and *Aviation Safety Programs: A management handbook* by Richard H. Wood) between folders 1 and 2. This folder consists of a report, periodical articles, and a letter attaching a periodical article.

**Box 6, File 73**
*Title:* *Air Crash Investigation of General Aviation Aircraft*
*Date:* 1984

**Scope and content:** This is the first of two books contained in this grouping. Publication information is that the author is Glenn Ellis, published by Capstan Publications, Inc., in Greybull, Wyoming. This hard-cover book with a dust cover measures 9-1/4 x 6-1/4 inches.

**System of Arrangement:** This book is in original order from Miller’s accordion folder labeled “Misc Biblio” for his article on probable cause.

**Box 6, File 74**
*Title:* *Aviation safety programs: a management handbook*
*Date:* 1991

**Scope and content:** This is the second of two books contained in this grouping. The author, Richard H. Wood, signed the book with an expressed sentiment to “Chuck Miller.” The book was published in Casper, Wyoming, by IAP, Inc., has a soft cover, and measures 8-1/4 x 5-1/4 inches.

**System of Arrangement:** This book is in original order from Miller’s accordion folder labeled “Misc Biblio” for his article on probable cause.

**Related Archival Materials:** For reviews and discussion of this book, see 1.1.1 “Accident Investigation” in Series 4.

**Box 6, File 75**
*Title:* “Misc Biblio”—Folder 2
*Dates of creation:* 1928-1998

**Scope and content:** This second folder in Miller’s grouping “Misc Biblio[graphy]” for his article on probable cause consists mainly of periodical articles, with several papers, and three pieces of correspondence. The oldest date for this folder (and the entire series) is provided by a paper for the Seventeenth Annual Safety Congress (1928).

**Box 6, File 76**
*Title:* Misc Biblio—Folder 3
*Date:* 1984-1991

**Scope and content:** This third folder in Miller’s grouping “Misc Biblio[graphy]” for his article on probable cause consists of papers originally clamped together behind a letter from the Transportation Safety Board of Canada. It includes materials from both this office and the Canadian Aviation Safety Board. There are sample reports from the latter. The legislative act establishing the Transportation Safety Board is also included, with text in both English and French.

**Languages and Scripts of the Material:** English and French
Box 7, File 1
Title: Accident Prevention Manual (Misc Biblio—Folder 4)
Date: 1984
Scope and content: This file consists of a soft-cover manual by the International Civil Aviation Organization published in Montreal Quebec. It is part of Miller’s grouping “Misc Biblio[graphy]” for his work on the concept of probable cause. The manual measures 8-1/2 x 11 inches.

Box 7, File 2
Title: Misc Biblio—Folder 5
Dates of creation: 1963-2000
Scope and content: This is the fifth folder in Miller’s grouping “Misc Biblio[graphy]” for his work on probable cause. The materials consist wholly of periodical articles with the exception of one letter from the National Transportation Safety Board to Congressman Jack Brooks (1973).

Box 7, File 3
Title: Aircraft Accident Investigation Procedures and Techniques (Misc Biblio—Folder 6)
Date: 1976
Scope and content: This is the last item in Miller’s grouping “Misc Biblio[graphy]” for his work on probable cause. This Accobound “textbook” is by the Transportation Safety Institute, published by the Federal Aviation Administration Aeronautical Center, Oklahoma City, Oklahoma. Dimensions are 8-1/2 x 11 inches. Also included is a sequence of pages from the middle that were extracted and not reinserted into the binding.

Series 3:

Title: Teaching materials
Date: 1963-1991
Extent: 1.25 linear feet
Scope and content: These materials were originally contained in three-ring binders and were apparently used mainly in teaching and consulting. No dates are given for most of the materials, but dates are noted when found. With two exceptions, all the materials appear to be for courses Miller taught. In one case, Miller apparently evaluated a course in bioengineering; the other binder appears to have contained Miller’s own notes on one of his law-school courses, on torts. These records include course outlines, notes, paper copies of transparencies, tests, students’ notes, and many other materials
System of Arrangement: Since there appears to be no other order, courses are alphabetized, and each binder is represented by a separate subseries.
Related Archival Materials: Some of the original vinyl binders, the ones printed with unique information, have been preserved in Series 5 (Box 48).

Series 3, Subseries 1:
Title: Advanced Safety Program Management and System Safety
Dates: 1966-1968
Scope and content: The cover sheet for this binder indicated that these materials were used in teaching two graduate courses at the University of Southern California. These records include course outlines, notes, and examinations.

Box 7, File 4:
Title: Advanced Safety Program Management and System Safety—Folder 1
Date: 1966

Box 7, File 5:
Title: Advanced Safety Program Management and System Safety—Folder 2
Date: 1967-1968

Series 3, Subseries 2:
Box 7, File 6
Title: Airline Pilots Association Accident Investigation Seminar, August 2-6, 1977
Date: 1977
Scope and content: Miller’s title for this binder indicates the purpose of this material. It was prepared for a five-day seminar sponsored by the Air Line Pilots Association, and with reports on specific accidents, methods of investigation, a personal equipment list, a map of telephone area codes, and information about the National Transportation Safety Board, and a schedule and roster for the course. The documents are in a single folder and include a course outline, handouts, notes, reports, and a worksheet.

Series 3, Subseries 3:
Box 7, File 7
Title: Aviation Law (‘ASO/FSO Courses’)
Date: 1965-1966
Scope and content: These notes were apparently for a course in aviation law. Subjects in the outline include negligence, Army operations, lawsuits, “the nature of privilege,” and the nature of accident reports. Most notes are handwritten. The documents are in a single folder and include a course outline and occasional lists, as well as materials from the National Transportation Safety Board and the Air Line Pilots Association.

Series 3, Subseries 4:
Title: Basic Aerodynamics
Date: 1965
Scope and content: The reading assignments indicate that the course represented by these course notes was once taught to a US Army class. Documents include a course outline, lists, examinations, notes, and graphs, with materials are from the National Transportation Safety Board and the Air Line Pilots Association. The binder title was “Outline/Assignments” and “Notes.”

Box 7, File 8:
Title: Basic Aerodynamics—Folder 1
Date: 1965
Scope and content: This folder contains “Outline/Assignments” and the first part of “Notes.”

Box 7, File 9:
Title: Basic Aerodynamics—Folder 2
Date: 1965
Scope and content: This folder contains the continuation of “Notes” and “Tests.”

Series 3, Subseries 5:
Box 7, File 10
Title: Flight Safety Foundation Accident Investigation Training Seminar
Dates of creation: 1969-1975
Scope and content: The full title of this binder and title page is “Flight Safety Foundation, Inc., Aircraft Accident Investigation Training Seminar,” with dates in 1969 and 1975. This is a single folder that includes some of Miller’s papers on accident investigation as well as National Transportation and Safety Board reports and correspondence, Miller’s notes, a schedule, course outline, lists, examinations, graphs, and documents from the International Civil Aviation Organization.

Series 3, Subseries 6:
Box 7, File 11
Title: Flight Safety Foundation Safety Program Management Training Seminar
Dates of creation: 1975
Scope and content: These course materials were designated as having been used in a seminar in Tokyo, Japan. They were contained a single binder and are now enclosed in one folder. They include resource lists, a course outline and notes, and a list of references.

Series 3, Subseries 7:
Title: Safety Officers’ Courses
Date: 1963-1966
Scope and content: This group of materials begins with David H. Holladay’s outline of “Aircraft Accident Prevention” as taught at the University of Southern California, described as the “United States Air Force Flying Safety Officers Course,” and
copyrighted by Holladay. This copy includes handwritten notes. Following that is another course outline with notes, tests, machine key forms, and other notes on the “Flying Safety Officers Course.” Also included are a course outline for “Naval Aviation Safety Officers Course,” a third “outline of curriculum for the “United States Air Force Flying Safety Officers’ Course,” “notes provided by a student for the entire [last] course,” a memorandum from Miller containing suggestions for the Air Force course, and machine key forms. These courses were all apparently given at the University of Southern California.

Box 7, File 12:
Title: Flying Safety Officers’ Courses—Folder 1
Date: 1964
Scope and content: The binder title included “Aircraft Accident Prevention.” The course outline for that by David Holladay (copyright 1964) is in this folder.

Box 7, File 13:
Title: Flying Safety Officers’ Courses—Folder 2
Date: 1963-1965
Scope and content: This group is marked “F.S.O. Course Accident Prevention,” with course materials “from AF Course Notebook,” including examinations, answers, and a machine key form.

Box 7, File 14:
Title: Flying Safety Officers Courses—Folder 3
Date: 1963-1966
Scope and content: This folder contains “Naval Aviation Safety Officers Course” (1963), “Flying Safety Officers’ Course” (“MAP”), “Army Aviation Safety Course” (1963), and “Flight Safety Officer Course Outline of Aircraft Accident Prevention” by George Parker (1966).

Box 7, File 15:
Title: Flying Safety Officers Courses—Folder 4
Date: 1963-1965
Scope and content: This file contains “United States Air Force Flying Safety Officers’ Course Outline of Curriculum” course notes, “including notes provided by a student for the entire course” (1965).

Series 3, Subseries 8:
Box 7, File 16
Title: Institute of Aviation Safety Course
Date: 1991
Scope and content: The full title of this binder was “C. O. Miller IAS Course Teaching Notebook, and the title page reads “IAS Course Stockholm, Sweden June 1991.” Yet a fuller title appends “in Human Factors and Safety Management.” Included are a course outline copyrighted by David H. Holladay, schedules, lists, a foreword, “introductory remarks,” notes, and a “master lesson plan.”
Series 3, Subseries 9:

Title: Miscellaneous Teaching Outlines  
Date: 1971-1989  
Scope and content: This subseries consists of notes and materials from various courses taught in different venues over an apparent 17-year period. These were enclosed in a single binder. Documents include outlines, index cards, tests, lists, notes, and a brochure.

Box 7, File 17:  
Title: Miscellaneous Teaching Outlines—Folder 1  
Date: 1975-1989  
Scope and content: This file includes “SF-310” (1989), and “Aviation Safety Engineering and Management” (1975) (includes a set of index cards).

Box 7, File 18:  
Title: Miscellaneous Teaching Outlines—Folder 2  
Date: 1978-1985  

Series 3, Subseries 10:  
Box 7, File 19  
Title: Miscellaneous Extra Transparencies  
Date: undated  
Scope and content: These were apparently copies of materials to be projected (“transparencies”) that were used in courses, seminars, lectures, etc. They are a mixed group of cartoons, graphs, charts, quotations, illustrations and other materials. Documents include “Accident Prevention Principles/Policies for Senior Aviation Managers” (2 pp).

Series 3, Subseries 11:  
Box 7, File 20  
Title: Physiological Systems Study for Biomedical and Life Science Engineers  
Dates of creation: 1964  
Scope and content: This single folder consists almost entirely of Miller’s copy of Harold Rickard’s “Physiological Systems Study for Biomedical and Life Science Engineers,” a course outline “prepared for North American Aviation.” The imprimatur of the University of Southern California is on the copy. Miller’s course notes for 1964
appeared at the back of the binder. Also included are “Personal comments on Rickard’s presentation.”

**Series 3, Subseries 12:**
**Box 7, File 21**
**Title:** Safety Management Teaching Notebook SF 200
**Date:** 1989
**Scope and content:** This single folder consists of Miller’s teaching materials on a safety management course, “SF 200.” There are an outline, notes, printed matter, lists, tests, and a case study.

**Series 3, Subseries 13:**

**Title:** Safety Program Management courses  
**Date:** 1966-1968  
**Scope and content:** The contents of this binder appear to be an amalgam of course outlines, notes and tests in this subject taught for the University of Southern California from 1966 to 1968.

**Box 7, File 22:**
**Title:** Safety Program Management courses—Folder 1  
**Date:** 1967-1968  

**Box 7, File 23:**
**Title:** Safety Program Management courses—Folder 2  
**Date:** 1966-1968  
**Scope and Content:** This folder contains the continuation of “Future,” other materials, “Navy Command Course,” and “Prevention.”

**Series 3, Subseries 14:**
**Box 8, File 1**
**Title:** SF 200 Transparencies  
**Date:** 1974  
**Scope and content:** The copies of transparencies (originally for projection) in this folder appear to all be for a course called “SF 200.” They include graphs, charts, quotations, illustrations, statements, and cartoons.

**Series 3, Subseries 15:**
**Box 8, File 2**
**Title:** System Safety Indoctrination Seminars
Date: 1965
Scope and content: The seminars represented by these materials may have been given to US Air Force personnel. Aside from teaching notes, this folder includes memoranda, copies of transparencies (or slides?), notes, and an outline.

Series 3, Subseries 16:
Box 8, File 3
Title: Technical Aspects of Flight Vehicle Safety
Date: 1977-1980
Scope and content: These teaching materials for Miller’s courses at the University of Southern California (USC) start with notes and tests from “SSM 584,” apparently first taught from September 19 to November 10, 1977. Miller also taught the course for USC in Washington, D.C. in 1979 for the Master of Science in Safety Degree programs while pursuing his law degree there. Included are notes on “Intro & Basic Aerodynamics,” “Helicopter Safety,” “Wind Shear,” “Stopping the Aircraft,” “Vortex” and other topics, with a course outline. There are memoranda, notes, and copies of transparencies.

Series 3, Subseries 17:
Title: “Torts”
Date: 1977-1978
Scope and content: Unlike most other materials in this subseries, these notes and materials for a course on torts appear to be for a course that Miller attended rather than taught. There is an examination labeled with the professor’s name (Albert Garretson) and a date of January 1978, which coincides with the other course materials. Documents include a course outline, an examination, pages from *Casenote Legal Briefs*, and notes, with one set labeled “Exam Review.”

Box 8, File 4:
Title: Torts—Folder 1
Date: 1977-1978
Scope and Content: This file contains the outline of the course, course notes, including beginning of “Cases” tab and incorporated “Casenote Legal Briefs—Torts.”

Box 8, File 5:
Title: Torts—Folder 2
Date: 1977-1978
Scope and Content: Continuation of course notes and legal briefs, with “Misc.” tab. Outline of course contents.

Series 4:
Title: Informational Materials
Date: 1941-2004 (bulk 1965-1995)
Extent: 48.25 linear feet
Scope and Content: This series consists mostly of a set of files of materials generally not authored by Miller but collected by him, apparently for use in teaching and consulting. These include periodical articles, periodicals, books, pamphlets, government pamphlets, regulations, legal papers, legal cases, and other documents that Miller apparently lent out to students and possibly clients for their information, as well as using them in his work.

System of arrangement: This series is organized according to Miller’s own information-retrieval system laid out in the document in Subseries 1, “Guide to and Lessons Learned ….” Many documents are marked with Miller’s subject headings about aeronautical/aerospace accident prevention and investigation and safety management. Since these files were apparently meant to be arranged according to Miller’s own system, if the order in which these records were received reflected that order, it was maintained. When files were not found to be arranged according to Miller’s system, they were filed according to his code.

Series 4, Subseries 1:
Box 8, File 6
Title: Miller System Guides
Extent: 0.5 linear foot
Dates of creation: 1987-1996
Scope and content: Miller found traditional library cataloging of aviation safety materials to be inadequate, as he explains in “Guide to and Lessons Learned …,” in this subseries. He invented a filing system that uses decimal coding to outline dependent subjects and used this system for his personal files on topics of interest. His paper explicating the system, outlining it and providing a subject guide, and an earlier description of his system are included here for guidance in using the materials in this most voluminous portion of his collection. Since there are pages missing from the most recent draft—the one used to organize this series—the missing sections are included from another, although the beginnings and ends of pages do not fit.

Series 4, Subseries 2:

Title: 1.0 Accident Prevention
Date: 1945-2001
Extent: 11.33 linear feet
Scope and content: This group is comprised of Miller’s system of coding 1.0 through 1.2.6, including general accident prevention, safety techniques, accident investigation, pathology/forensic science, probable cause, recorders, communications, councils/committees, education/training, awareness/motivation, emergency procedures, hazard analyses, incident reporting/analysis, plans, regulations/specifications, research, surveys/inspections/audits, technical information systems, and system safety. In the last group Miller included subdivisions for definitions, discipline, models/factors, programs, requirements, and tasks. These materials consist mostly of printed matter of all kinds, from reports, posters, brochures, cartoons, and periodical articles, to published papers, but there are also notes, correspondence, and unpublished papers. These files not only
concern aircraft accident investigation but analyze accidents involving nuclear power plants, automobiles, and other systems.

**System of Arrangement:** Because the topic “Safety Analysis” was not listed in Miller’s codes, and because “Safety Analysis” files were mingled with “Hazard Analysis,” and considering Miller’s writings on the subject, all folders labeled “Safety Analysis” were placed into the 1.1.6 designation Miller used for “Hazard Analyses.”

**Box 8, File 7**
Title: 1.0 Accident Prevention (General)—Folder 1
Date: 1957-1967

**Box 8, File 8**
Title: 1.0 Accident Prevention (General)—Folder 2
Date: 1962-1987

**Box 8, File 9**
Title: 1.0 Accident Prevention (General)—Folder 3
Date: 1970-2001

**Box 8, File 10**
Title: Seminar Notes—Misc—1 (1.0 Accident Prevention (General)—Folder 4)
Date: 1971-1987

**Box 8, File 11:**
Title: Seminar Notes—Misc—2 (1.0 Accident Prevention (General)—Folder 5)
Date: 1975-1990

**Languages and Scripts of the Material:** English and Portuguese

**Item**
Title: Some Principles of Aviation Accident Prevention
Date: May 1975

**Name of Creator:** Charles O. Miller

**Scope and Content:** Paper presented at the 4th Flight Safety Seminar, Kuala Lumpur, Malaysia. This appears to be one of the missing papers, #65.

**Existence and Location of Copies:**
There are copies of this item in Box 25, File 9, 3.8 Policies/Philosophies Folder 3; and in Box 38, File 5, 6.5 Human Factors, Folder 18.

**Box 8, File 12:**
Title: 1.1.1 Accident Investigation—Folder 1
Date: 1982-1997

**Item**
Title: Review of Richard H. Wood and Robert W. Sweginnis’ Book “Aircraft Accident Investigation”
Date: 1996

**Name of Creator:** Charles O. Miller
Box 8, File 13:
Title: 1.1.1 Accident Investigation—Folder 2
Date: 1975-1999

Box 8, File 14:
Title: 1.1.1 Accident Investigation—Folder 3
Date: 1982-1999

Box 8, File 15:
Title: 1.1.1 Accident Investigation—Folder 4
Date: 1975-2002

Box 8, File 16:
Title: 1.1.1 Accident Investigation—Folder 5
Date: 1957-1988

Box 8, File 17:
Title: Federal Register (1.1.1 Accident Investigation—Folder 6)
Date: 17 July 1975
Scope and Content: “Redesignation and Revision of Regulations,” Part II Department of Transportation National Transportation Safety Board, Washington DC

Box 8, File 18:
Title: 1.1.1 Accident Investigation—Folder 7
Date: 1964-1975
Scope and Content: This file includes memoranda from Miller’s tenure at NTSB.

Box 8, File 19:
Title: 1.1.1 Accident Investigation—Folder 8
Date: 1959-1975
Existence and Location of Copies: The paper “Aviation Product . . .” can also be found in Box 5, File 80; and in Box 24, File 6 (3.4.1. Product Liability, Folder 7). “A Current Look . . .” is also available in Box 6, File 2.

Box 8, File 20:
Title: 1.1.1 Accident Investigation—Folder 9
Date: 1945-1989
Box 8, File 21:
Title: 1.1.1 Accident Investigation—Folder 10a
Date: 1964-1989

Box 8, File 22:
Title: Trajectory Analysis of Wreckage of F8U-1 Airplane Buno. 140444 (1.1.1 Accident Investigation—Folder 10b)
Date: Undated
Scope and Content: Portion of a report from Chance Vought Aircraft Incorporated.
Physical Access: This is a diazo type isolated in a separate, acidic file for preservation.

Box 8, File 23:
Title: 1.1.1 Accident Investigation—Folder 11
Date: 1962-1988
Item
Title: Accident Investigation and Its Relation to Accident Prevention
Date: 1972 (estimated)
Name of Creator: Charles O. Miller
Scope and Content: Handwritten note: “around 1972 while at NTSB.”

Box 9, File 1:
Title: 1.1.1 Accident Investigation—Folder 12
Date: 1972-1989

Box 9, File 2:
Title: 1.1.1 Accident Investigation—Folder 13
Date: 1960-1990
Item
Title: Lessons from Major Accidents: a comparison of the Three Mile Island nuclear core overheat and the North Sea Platform Bravo blowout
Date: 1981
Extent: 1 booklet
Name of Creator: International Institute for Applied Systems Analysis
Scope and Content: This is Executive Report 6, published at Laxenburg, Austria.

Box 9, File 3:
Title: 1.1.1 Accident Investigation—Folder 14
Date: 1964-1985

Box 9, File 4:
Title: 1.1.1 Accident Investigation—Folder 15
Date: 1949-1987

Box 9, File 5:
Title: 1.1.1 Accident Investigation—Folder 16
Date: 1958-1992

Box 9, File 6:
Title: 1.1.1 Accident Investigation—Folder 17
Date: 1965-1985

Box 9, File 7:
Title: 1.1.1 Accident Investigation—Folder 18
Date: 1967-1988

Box 9, File 8:
Title: 1.1.1 Accident Investigation—Folder 19
Date: 1969-1990
Scope and Content: This file includes a copy of Miller’s “Human Factors Accident Investigation and the Question of Pilot Decision-Making” presented at the Air Line Pilots Association Symposium on Human Factors, Washington, DC February 1977 (#72).
Existence and Location of Copies: The copy that was scanned is in Box 6, File 12. An electronic copy exists on ASASA computers.

Box 9, File 9:
Title: 1.1.1 Accident Investigation—Folder 20
Date: 1962-1985

Box 9, File 10:
Title: 1.1.1 Accident Investigation—Folder 21
Date: 1958-1969
Scope and Content: Includes Miller’s “Systems Approach to Accident Investigation” for presentation at the Flight Safety Foundation Annual Seminar, Montreux, Switzerland October 1969 (Bibliography #51).
Existence and Location of Copies: The copy in Box 5, File 72 was scanned and is available electronically at ASASA.

Box 9, File 11:
Title: 1.1.1 Accident Investigation—Folder 22
Date: 1959-1980

Box 9, File 12:
Title: 1.1.1 Accident Investigation—Folder 23
Date: 1973-1994
Item
Title: Events and Casual Factors Charting
Date: August 1978
Name of Creator: Buys, J. R., and J. L. Clark
**Scope and Content:** This is a publication from the US Department of Energy, Division of Operational and Environmental Safety, Idaho Falls, Idaho.

**Box 9, File 13:**
**Title:** 1.1.1 Accident Investigation—Folder 24  
**Date:** 1965-1983

**Box 9, File 14:**
**Title:** 1.1.1 Accident Investigation—Folder 25  
**Date:** 1966-1987

**Scope and Content:** Includes “Extracts” of “Systems Approach to Accident Investigation” for presentation at the Flight Safety Foundation Annual Seminar, Montreux, Switzerland October 1969 (Bibliography #51), in the *ISASI Forum*, April 1971. This issue includes a photograph of Miller. This file also contains “Manual of Reporting and Coding Instructions for Preliminary Aircraft Accident Incident Reports, National Transportation Safety Board, Bureau of Aviation Safety, Washington, DC, May 1970.

**Existence and Location of Copies:** The copy in Box 5, File 72 was scanned and is available electronically at ASASA. There is also a copy in Box 9, File 10, 1.1.1 Accident Investigation, Folder 21.

**Box 9, File 15:**
**Title:** 1.1.1 Accident Investigation—Folder 26  
**Date:** 1965-1980

**Box 9, File 16:**
**Title:** 1.1.1 Accident Investigation—Folder 27  
**Date:** 1965-1974

**Scope and Content:** This file includes memoranda from Miller as Director, Bureau of Aviation Safety, National Transportation Safety Board, dated 1969.

**Box 9, File 17:**
**Title:** 1.1.1 Accident Investigation—Folder 28  
**Date:** 1967-1969

**Box 9, File 18:**
**Title:** Hearings (1.1.1 Accident Investigation—Folder 29)  
**Date:** 1963-1973

**Scope and Content:** Materials in this file on accident investigation hearings include a memorandum from Miller while he was at the National Transportation Safety Board entitled “Proposed Revision to Accident Hearing procedures re: Bureau of Aviation Safety Memorandum dated January 13, 1969.” Also included is David H. Holladay’s “Aircraft Accident Prevention,” labeled “University of Southern California University College Aerospace Safety Division” as instructor of Aircraft Accident Prevention, for “United States Air Force Flight Safety Officers Course.”
Box 9, File 19:
Title: 1.1.1 Accident Investigation—Folder 30
Date: 1967-1996

Box 9, File 20:
Title: 1.1.1 Accident Investigation—Folder 31
Date: 1993-1995

Box 10, File 1:
Title: Accident Investigation Wreckage Trajectory (1.1.1 Accident Investigation—Folder 32)
Date: October 1970
Scope and Content: This folder consists of a single item: “Wreckage Trajectory Analysis in Aircraft Accident Investigation” by Simon G. Bergen-Henengouwen, a thesis at Carleton University, Ottawa, Ontario, Canada.

Box 10, File 2:
Title: Accident Investigation Manuals—Flight Safety Foundation (1.1.1 Accident Investigation—Folder 33)
Date: 1981
Scope and Content: The secondary title of this file as received is “NASA Manuals,” which describes the contents of this folder.

Box 10, File 3:
Title: Accident Investigation Manuals—NTSB—Folder 1 (1.1.1 Accident Investigation—Folder 34)
Date: 1988-1994
Scope and Content: Manuals from the National Transportation Safety Board include the National Transportation Safety Board Aviation Investigation Manual vol. II—Major Team Investigations (March 1994).

Box 10, File 4: Accident Investigation Manuals—NTSB—Folder 2 (1.1.1 Accident Investigation—Folder 35)
Date: 1980-1994
Box 10, File 5:
Title: Accident Investigation Manuals—NASA (1.1.1 Accident Investigation—Folder 36)
Date: 1970-1972

Box 10, File 6:
Title: Accident Investigation Manuals: Four Accident Inv. Games (1.1.1 Accident Investigation—Folder 37)
Date: 1979-1982

Box 10, File 7:
Title: Accident Investigation Definitions and Terms--Boeing (1.1.1 Accident Investigation—Folder 38)
Date: 1987-1989

Box 10, File 8:
Title: Accident Investigation Definitions and Terms—NTSB (1.1.1 Accident Investigation—Folder 39)
Date: 1987
Scope and Content: The single item in this file is Aviation Coding Manual from the National Transportation Safety Board, 1987 (“run date”), with extra copies of some pages.

Box 10, File 9:
Title: Accident Investigation Definitions and Terms—U.S. Department of Transportation—Folder 1 (1.1.1 Accident Investigation—Folder 40)
Date: 1983-1989
Scope and Content: These items are US Department of Transportation Handbooks.

Box 10, File 10:
Title: Accident Investigation Definitions and Terms—U.S. Department of Transportation (1.1.1 Accident Investigation—Folder 41)
Date: 1983-1989
Scope and Content: Materials in this file consist of US Department of Transportation Handbooks.

Box 10, File 11:
Title: Accident Investigation Definitions and Terms (1.1.1 Accident Investigation—Folder 42)
Date: 1992
Scope and Content: This file contains a single item: *Glossary of Aviation Safety and Accident Investigation Terms*, US Department of Transportation, Oklahoma City, Oklahoma.

Box 10, File 11:
Title: Accident Investigation Definitions and Terms (1.1.1 Accident Investigation—Folder 42)
Date: 1992

Box 10, File 12:
Title: 1.1.1.1 Pathology/Forensic Science
Date: 1963-1993

Box 10, File 13:
Title: 1.1.1.2 Probable Cause—Folder 1
Date: 1989-1999

Box 10, File 14:
Title: 1.1.1.2 Probable Cause—Folder 2
Date: 1983-1999

Box 10, File 15:
Title: Cockpit Voice Recorder (1.1.1.3 Recorders—Folder 1)
Date: 1970-2001
Item:
Title: The Cockpit Voice Recorder and You (As determined from NTSB Investigations)
Date: July 1971
Name of Creator: Charles O. Miller (?)
Scope and Content: A paper “as presented at the ALPA Air Safety Forum,” Washington, DC.

Box 10, File 16:
Title: 1.1.1.3 Recorders—Folder 2
Date: 1970-2001

Box 10, File 17:
Title: 1.1.1.3 Recorders—Folder 3
Date: 1979-2001

Box 10, File 18:
Title: 1.1.1.3 Recorders—Folder 4
Date: 1975-1996

Box 10, File 19:
Title: 1.1.1.3 Recorders—Folder 5
Box 10, File 20:
Title: 1.1.1.3 Recorders—Folder 6
Date: 1987-1997
Scope and Content: These are issues of the Federal Register from 1987-1997 regarding flight and cockpit recorders.

Box 10, File 21:
Title: 1.1.2 Communications—Folder 1
Date: 1970-1999
Item:
Title: Auditory Illusion: Do We Hear What We Think We Hear?
Date: Undated
Name of Creator: William D. Waldock
Scope and Content: This document is labeled “draft.”

Box 10, File 22a
Title: 1.1.2 Communications—Folder 2
Date: 1955-1995

Box 10, File 23
Title: Writing Reports That Get Action (1.1.2 Communications—Folder 3)
Date: September 1955

Box 10, File 24
Title: 1.1.3 Councils/Committees—Folder 1
Date: 1952-1968

Box 11, File 1:
Title: 1.1.3 Councils/Committees—Folder 2
Date: 1960-1986

Box 11, File 2:
Title: 1.1.4 Education and Training—Folder 1
Date: 1973-1990
Item
Title: The Journal of Aerospace Education
Date: January-February 1975

Box 11, File 3:
Title: 1.1.4 Education and Training—Folder 2
Date: 1988-1995
Scope and Content: This file includes “EPRI Nuclear Plant Life Extension Program: Presentation to the INPO Advisory Council,” by Theodore Marston, January 1988, Atlanta, Georgia; Material for a Case Study on the Three Mile Island Unit 2 Accident,
Institute of Nuclear Power Operations, March 1988, Atlanta, Georgia; and a brochure from the National Academy for Nuclear Training.

**Box 11, File 4:**
**Title:** 1.1.4 Education and Training—Folder 3  
**Date:** 1972-1991

**Box 11, File 5:**  
**Title:** 1.1.4 Education and Training—Folder 4  
**Date:** 1964-1981

**Box 11, File 6:**  
**Title:** *Preparing Instructional Objectives* (1.1.4 Education and Training—File 5)  
**Date:** 1962  
**Name of Creator:** Robert F. Mager  
**Scope and Content:** This is a book published by Fearon Publishers, Belmont, California.

**Box 11, File 7:**  
**Title:** 1.1.4 Education and Training—Folder 5  
**Date:** 1964-1986

**Box 11, File 8:**  
**Title:** 1.1.4 Education and Training—Folder 6  
**Date:** 1963-1966

**Box 11, File 9:**  
**Title:** 1.1.4 Education and Training—Folder 7  
**Date:** 1963-1981  
**Scope and Content:** Included in this file was a series of posters from Chance Vought Corp. (LTV), “Wanted for Correction …Reward Better Maintenance and Safer Flying” (removed to Series 5, Oversize).

**Box 11, File 10:**  
**Title:** 1.1.4 Education and Training—Folder 8  
**Date:** 1960-1990

**Box 11, File 11:**  
**Title:** 1.1.4 Education and Training—Folder 9  
**Date:** 1951-1991

**Box 11, File 12:**  
**Title:** 1.1.4 Education and Training—Folder 10  
**Date:** 1957-1997

**Box 11, File 13:**
Title: 1.1.4 Education and Training—Folder 11
Date: 1957-1992

Title: Aircraft Accident Investigation and the Training of Air Safety Investigators: Their Effective Use in Aviation Litigation
Date: 1992
Name of Creator: William D. Waldock
Scope and Content: A paper presented to The Lawyer-Pilots Bar Association, Tempe, Arizona.

Box 11, File 14:
Title: 1.1.4 Education and Training—Folder 12
Date: 1963-1996

Box 11, File 15:
Title: 1.1.4 Education and Training—Folder 13
Date: 1966-1993

Box 11, File 16:
Title: 1.1.5 Emergency Procedures
Date: 1964-1991

Box 11, File 17:
Title: 1.1.6 Hazard Analyses—Folder 1
Date: 1970-1999

Box 11, File 18:
Title: 1.1.6 Hazard Analyses—Folder 2
Date: 1965-1991

Box 11, File 19:
Title: 1.1.6 Hazard Analyses—Folder 3
Date: 1975-1994

Box 11, File 20:
Title: 1.1.6 Hazard Analyses—Folder 4
Date: 1965-1984
Scope and Content: Some of the materials in this file on analyzing hazards are labeled “Safety Analysis.”

Box 12, File 1:
Title: 1.1.6 Hazard Analyses—Folder 5
Date: 1965-1985
Scope and Content: Some of the materials in this file are labeled “Safety Analysis.”

Box 12, File 2:
Title: 1.1.6 Hazard Analyses—Folder 6
Date: 1967-1988

Box 12, File 3:
Title: 1.1.6 Hazard Analyses—Folder 7
Date: 1968-1981

Box 12, File 4:
Title: 1.1.6 Hazard Analyses—Folder 8
Date: 1963-1971

Box 12, File 5:
Title: 1.1.6 Safety Analysis (“Hazard Analyses”—Folder 9)
Date: 1964-1987

Box 12, File 6:
Title: 1.1.6 Safety Analysis (“Hazard Analyses”—Folder 10)
Date: 1966-1978
Item
Title: Hazard Recognition and Analysis
Date: 23 and 24 July 1968
Name of Creator: Ernest Levens
Scope and Content: A paper presented at the American Society of Safety Engineers, SEARCH I, Chicago, by Levens, identified as with the McDonnell Douglas Corporation.

Box 12, File 7:
Title: 1.1.6 Safety Analysis (“Hazard Analyses”—Folder 11)
Date: 1966-1983

Box 12, File 8:
Title: 1.1.6 Safety Analysis (“Hazard Analyses”—Folder 12)
Date: 1965-1983

Box 12, File 9:
Title: 1.1.6 Safety Analysis (“Hazard Analyses”—Folder 13)
Date: 1965-1993

Box 12, File 10:
Title: 1.1.6 Safety Analysis (“Hazard Analyses”—Folder 14)
Date: 1965-1967

Box 12, File 11:
Title: 1.1.6 Hazard Analyses—Folder 15
Date: 1966-1979
Scope and Content: Some of the materials in this file on analyzing hazards are labeled “Safety Analysis.”
Box 12, File 12:
Title: 1.1.6 Safety Analysis (“Hazard Analyses”—Folder 16)
Date: 1967

Box 12, File 13:
Title: 1.1.6 Safety Analysis (“Hazard Analyses”—Folder 17)
Date: 1964-1968

Box 12, File 14:
Title: 1.1.6 Hazard Analyses—Folder 18
Date: 1980-1992

Box 12, File 15
Title: 1.1.6 Hazard Analyses—Folder 19
Date: 1991

Box 12, File 16
Title: 1.1.6 Hazard Analyses—Folder 20
Date: 1970-1988

Box 12, File 17
Title: 1.1.6 Hazard Analyses—Folder 21
Date: 1966-1986

Box 12, File 18:
Title: 1.1.6 Hazard Analyses—Folder 22
Date: 1965-1992
Scope and Content: Some of these materials on analyzing hazards are labeled “Safety Analysis.”

Box 12, File 19:
Title: 1.1.6 Hazard Analyses—Folder 23
Date: 1965-1993
Item
Title: System Safety Factors
Scope and Content: This single page is of the System Safety, Inc. logo, elucidating 5 system safety factors, with a possible sixth.

Box 12, File 20:
Title: 1.1.6 Hazard Analyses—Folder 24
Date: 1965-1994
Scope and Content: Some materials are labeled “Safety Analysis.”

Box 12, File 21:
Title: 1.1.6 Hazard Analyses—Folder 25
Date: 1961-1988

Box 12, File 22:
Title: 1.1.6 Hazard Analyses—Folder 26
Date: 1976-1995

Box 12, File 23:
Title: 1.1.6 Hazard Analyses—Folder 27
Date: 1964-2001
Scope and Content: Includes “RMS Engineering Product Integrity Consultants Capabilities Brochure” (Quebec); and copy of Miller’s “Observations Relative to Fault Tree Analysis” (October 1965, no publication information) (Bibliography #26).
Existence and Location of Copies: A copy of Miller’s “Observations . . .” is in Box 5, File 48, was scanned, and is available electronically at ASASA.

Box 12, File 24:
Title: 1.1.6 Hazard Analyses—Folder 28
Date: 1960-1998
Scope and Content: Some materials are labeled “Safety Analysis.” This file includes a copy of Miller’s “Hazard Analysis and Identification in System Safety Engineering,” from the 1968 Annals of the Assurance Sciences, NY, ASME (American Society of Mechanical Engineers), 1968 (Publication #44); and copy of Miller’s “Observations Relative to Fault Tree Analysis” (October 1965, no publication information) (Bibliography #26).
Existence and Location of Copies: The copy of “Hazard Analysis . . .” in Box 5, File 65 was scanned and is available electronically at ASASA. The same is true of the copy of “Observations . . .” in Box 5, File 48.

Box 13, File 1:
Title: Guidelines and Methods for Conducting Safety Assessment Process on Civil Airborne Systems and Equipment (1.1.6 Hazard Analyses—Folder 29)
Date: 6 May 1996
Scope and Content: Contained in this file is the single item with this title from the Society of Automotive Engineers Aerospace Division (Draft #17, no place of publication), with notes and a letter to Miller from Pamela Rosnik (Boeing).

Box 13, File 2:
Title: Subsystem and System Hazard Analysis Report, KC-135 Re-Engine Development (1.1.6 Hazard Analyses—Folder 30)
Date: 1980
Scope and Content: The single item contained in this file is from the Boeing Company, Document No. D458-40073-2.

Box 13, File 3:
Title: Operating and Support Hazard Analysis Report, KC-135 Re-Engine Development (1.1.6 Hazard Analyses—Folder 31)
Scope and Content: This item is from the Boeing Company, Document No. D458-40073-3.

Box 13, File 4:
Title: 1.1.6 Hazard Analyses—Folder 32
Date: 1998

Box 13, File 5:
Title: 1.1.7 Incident Reporting/Analysis—Folder 1
Date: 1961-1984

Box 13, File 6:
Title: 1.1.7 Incident Reporting/Analysis—Folder 2
Date: 1971-1988

Box 13, File 7:
Title: 1.1.7 Incident Reporting/Analysis—Folder 3
Date: 1963-1994
Item
Title: Memo to Carl Schmidt from Jerry Lederer
Date: 28 January 1962
Scope and Content: The subject of the memo is “European Confidential Airline Bulletins (ECAB),” with attachments.

Box 13, File 8:
Title: 1.1.7 Incident Reporting/Analysis—Folder 4
Date: 1983-1998

Box 13, File 9:
Title: Federal Register, Part III Department of Transportation (1.1.7 Incident Reporting/Analysis—Folder 5)
Date: April 15, 1999

Box 13, File 10:
Title: 1.1.7 Incident Reporting/Analysis—Folder 6
Date: 2000-2002

Box 13, File 11:
Title: 1.1.8 Plans—Folder 1
Date: 1962-1967

Box 13, File 12:
Title: 1.1.8 Plans—Folder 2
Date: 1964-1966
Box 13, File 13:
Title: 1.1.8 Plans—Folder 3
Date: 13 July 1966
Scope and Content: This is a draft outline isolated from Folder 2 because it is a diazotype. There are some handwritten notations in red, including the word “Hughes” in parentheses on the title page.

Box 13, File 14:
Title: 1.1.8 Plans—Folder 3
Date: 1962-1965

Box 13, File 15:
Title: 1.1.8 Plans—Folder 4
Date: 1959-1987

Box 13, File 16:
Title: 1.1.8 Plans—Folder 5
Date: 1958-1984

Box 13, File 17:
Title: 1.1.8 Plans—Folder 6
Date: 1966

Box 13, File 18:
Title: 1.1.8 Plans—Folder 7
Date: 1964-1975
Item
Title: System Safety Engineering Plan Evaluation Check List
Date: April 1966
Name of Creator: Charles O. Miller

Box 13, File 19:
Title: 1.1.9 Regulations/Specifications—Folder 1
Date: 1963-1966

Box 14, File 1:
Title: 1.1.9 Regulations/Specifications—Folder 2
Date: 1963-1968

Box 14, File 2:
Title: 1.1.9 Regulations/Specifications—Folder 3
Date: 1973-1987

Box 14, File 3:
Title: 1.1.9 Regulations/Specifications—Folder 4
Date: 1985-1994
Scope and Content: Copies of the *Federal Register*, Department of Transportation sections.

Box 14, File 4:
Title: 1.1.9 Regulations/Specifications—Folder 5
Date: 1966-1981

Box 14, File 5:
Title: 1.1.9 Regulations/Specifications—Folder 6
Date: 1964-1981

Box 14, File 6:
Title: 1.1.9 Regulations/Specifications—Folder 7
Date: 1964-1991

Box 14, File 7:
Title: 1.1.9 Regulations/Specifications—Folder 8
Date: 1983-1993

Box 14, File 8:
Title: 1.1.9 Regulations/Specifications—Folder 9
Date: 1988-1995

Box 14, File 9:
Title: 1.1.9 Regulations/Specifications—Folder 10
Date: 1963-2000

Box 14, File 10:
Title: 1.1.10 Research
Date: 1976

Box 14, File 11:
Title: 1.1.11 Surveys/Inspections/Audits—Folder 1
Date: 1964-2001

Box 14, File 12:
Title: 1.1.11 Surveys/Inspections/Audits—Folder 2
Date: 1974-1997

Box 14, File 13:
Title: Surveys (INPO) PRIVATE (1.1.11 Surveys/Inspections/Audits—Folder 3)
Date: 1985-1987

Scope and Content: The alternate title of this file, also from the original folder, is “INPO Typical survey Reports.”

Item
Title: Letter
Date: 13 June 1986
Name of Creator: INPO (Institute of Nuclear Power Operations)
Scope and Content: Letter to Miller welcoming him to the “Three Mile Island INPO evaluation team.”

Box 14, File 14:
Title: 1.1.11 Surveys/Inspections/Audits—Folder 4
Date: 1958-1988

Box 14, File 15:
Title: 1.1.11 Surveys/Inspections/Audits—Folder 5
Date: 1951-1987

Box 14, File 16:
Title: 1.1.11 Surveys/Inspections/Audits—Folder 6
Date: 1964-1986

Box 14, File 17:
Title: 1.1.11 Surveys/Inspections/Audits—Folder 7
Date: 1956-1992
Scope and Content: This file includes correspondence between Ira Rimson of System Safety Associates Ltd. and Transport Canada (Aviation) 17 October 1991 and 2 December 1991 re confidentiality of safety reviews following accidents.

Box 14, File 18:
Title: 1.1.12 Technical Information Systems—Folder 1
Date: 1964-1967

Box 14, File 19:
Title: 1.1.12 Technical Information Systems—Folder 2
Date: 1965-1967
Scope and Content: Included is a thesaurus of terms for safety engineering for use in RAIDS System (Rapid Availability of Information and Data for Safety), Martin Marietta Corporation, Denver Division, along with RAIDS Manual (July 1967).

Box 14, File 20:
Title: 1.1.12 Technical Information Systems—Folder 3
Date: 1961-1967
Scope and Content: This file includes Miller’s “Personal Aerospace Safety Technical Information Files” description on Miller’s consultancy in Santa Ana, California (2 sheets, undated); also 2 pages of “Descriptors for Hearing” and “Descriptors for Vision and Visual Presentation of Information” from Douglas (Long Beach) Human Factors Bibliography (29 August 1961); and Miller’s “Reporting of Safety Management Information to the NASA Aerospace Safety Advisory Panel,” dated 9 December 1967.

Box 14, File 21:
Title: 1.1.12 Technical Information Systems—Folder 4
Date: 1965-1970
Scope and Content: This file includes Flight Safety Foundation, Inc.’s proposal for a National Technical Safety Information Center, with subject categories (two copies); and Miller’s 19 February 1968 “Preliminary Outline NASA Aerospace Safety Information Storage and Retrieval Center.”

Box 15, File 1:
Title: 1.1.12 Technical Information Systems—Folder 5
Date: 1963-1969
Item
Title: Preliminary Notes National Technical Information Center for Aerospace Systems Safety
Name of Creator: Charles O. Miller
Scope and Content: Presented at University of Washington-Boeing Company June System Safety Symposium on June 8. This is paper #25 on the Miller publication list used to organize his papers
Existence and Location of Copies: Another copy is in Box 5, File 47. That copy was scanned and is available at ASASA in electronic form.

Box 15, File 2:
Title: 1.1.12 Technical Information Systems—Folder 6
Date: 1963-1973

Box 15, File 3:
Title: 1.1.12 Technical Information Systems—Folder 7
Date: 1964-1967

Box 15, File 4:
Title: 1.1.12 Technical Information Systems—Folder 8
Date: 1965-1989

Box 15, File 5:
Title: 1.2 System Safety (General)—Folder 1
Date: 1965-1999

Box 15, File 6:
Title: 1.2 System Safety (General)—Folder 2
Date: 1965-1982
Item
Title: System Safety Factors
Date: April 1975
Name of Creator: Charles O. Miller

Box 15, File 7:
Title: 1.2 System Safety (General)—Folder 3
Date: 1966-1982

Box 15, File 8:
Title: 1.2 System Safety (General)—Folder 4
Date: 1978-1987

Box 15, File 9:
Title: 1.2 System Safety (General)—Folder 5
Date: 1979-1985

Box 15, File 10:
Title: 1.2 System Safety (General)—Folder 6
Date: 1963-1977

Box 15, File 11:
Title: 1.2 System Safety (General)—Folder 7
Date: 1965-1983

Box 15, File 12:
Title: 1.2 System Safety (General)—Folder 8
Date: 1965-1988

Box 15, File 13:
Title: 1.2 System Safety (General)—Folder 9
Date: 1964-1987

Box 15, File 14:
Title: 1.2 System Safety (General)—Folder 10
Date: 1977-1992

Box 15, File 15:
Title: 1.2 System Safety (General)—Folder 11
Date: 1965-1981

Box 15, File 16:
Title: Aviation Safety Program Embry-Riddle Aeronautical University Arizona Campus (1.2 System Safety [General]—Folder 12)
Date: November 1994
Scope and Content: The single item in this file, with the above title, is from The Office of Aviation Safety.
Box 15, File 17:
Title: 1.2 System Safety (General)—Folder 13
Date: 1961-1990

Box 15, File 18:
Title: 1.2 System Safety (General)—Folder 14
Date: 1964-1990
Item
Title: Sample Lesson: What Is System Safety
Name of Creator: Charles O. Miller
Scope and Content: Annotated “circa 1967 while consulting for NASA after the Apollo fire.”

Box 15, File 19
Title: 1.2 System Safety (General)—Folder 15
Date: 1964-1991

Box 15, File 20:
Title: 1.2 System Safety (General)—Folder 1
Date: 1964-1989
Item
Title: System Safety Film Comments
Date: Undated.
Name of Creator:
Scope and Content: This is a handwritten document, with what appears to be a prototype of the System Safety, Inc. logo.

Box 15, File 21
Title: 1.2 System Safety (General)—Folder 17
Date: 1964-1994
Item
Title: Roundtable Wrap-Up—Workshop Roundtable Discussion Covers Wide Range of Topics
Scope and Content: Includes a reproduction of a photo of Miller as part of an undated, unidentified periodical (pp. 4-6).
Item
Title: Why System Safety Needs Accident Investigators
Date: 1992
Extent: 4 double-sided pages
Name of Creator: Robert W. Sweginnis
Scope and Content: Article from Isasi forum Proceedings includes reproduction of photograph of Sweginnis speaking at podium.
Item

Title: Letter to Jerry Lederer
Date: 16 November 1989
Name of Creator: Charles O. Miller
Scope and Content: This is a copy of a letter in which Miller claims to be the first “to use the term ‘systems safety’” in 1954.
Date: 1965-1982

Box 16, File 11
Title: 1.2.4 System Safety Programs—Folder 3
Date: 1971-1978

Box 16, File 12
Title: 1.2.4 System Safety Programs—Folder 4
Date: 1968-1987

Box 16, File 13
Title: 1.2.4 System Safety Programs—Folder 5
Date: 1968-1987

Box 16, File 14
Title: 1.2.4 System Safety Programs—Folder 6
Date: 1975-1987

Box 16, File 15
Title: 1.2.4 System Safety Programs—Folder 7
Date: 1985

Box 16, File 16
Title: 1.2.4 System Safety Programs—Folder 8
Date: 1971-1990

Box 16, File 17
Title: 1.2.4 System Safety Programs—Folder 9
Date: 1965-1985

Box 16, File 18
Title: 1.2.4 System Safety Programs—Folder 10
Date: 1987-1991

Box 16, File 19
Title: 1.2.4 System Safety Programs—Folder 11
Date: 1965-1980

Box 16, File 20
Title: 1.2.4 System Safety Programs—Folder 12
Date: 1968-1987

Box 16, File 21
Title: 1.2.4 System Safety Programs—Folder 13
Date: 1967-1985
Box 16, File 22
Title: 1.2.4 System Safety Programs—Folder 14
Date: 1975-1999
Item
Title: Questions Regarding FAA and System Safety
Date: Undated extraction from 5 November 1988
Name of Creator: Charles O. Miller
Scope and Content: Notation says that this material was “posed in a letter to Tom
Stuckey, AFS-2, FAA, in a letter dated Nov. 5, 1988.”

Box 16, File 23
Title: 1.2.4 System Safety Programs—Folder 15
Date: 1965-1995

Box 16, File 24
Title: 1.2.4 System Safety Programs—Folder 16
Date: 1964-1992
Item
Title: Memorandum from Miller to Dr. Shiv Seth
Date: 12 April 1986
Extent: 5 sheets
Name of Creator: Charles O. Miller
Scope and Content: Subject is “Consideration of a Safety Management Program for
Individual Nuclear Power Utilities.”

Box 16, File 25
Title: 1.2.4 System Safety Programs—Folder 17
Date: 1966-1971
Scope and Content: These are diazotypes isolated from other materials in these subject
folders.
Item
Title: System Safety Engineering Flow Diagram
Date: undated
Extent: 1 sheet
Name of Creator: National Air and Space Administration
Scope and Content: This is Figure 4 of “Launch Vehicle Safety Engineering for
Standard Payload Module.”
System of Arrangement: From Box 16, 1.2.4 System Safety Programs—Folder 11.

Box 16, File 26
Title: SST Consulting Notes (1.2.4 System Safety Programs—Folder 18
Date: 1963

Box 17, File 1:
Title: 1.2.4 System Safety Programs—Folder 19
Date: 1966-2000

Existence and Location of Copies: The copy of “Requirements . . . “ in Box 5, File 77, was scanned and is available electronically at ASASA.
Scope and Content: On this diskette are a copy of a memorandum dated 11 October 1996 from Harvey C. Dorney, Jr.; a copy of a draft dated 19 January 1996 of MIL-STD-882D (different from the draft in this file)’ and “Data Item Description,” undated. The files on the diskette are listed as “882 COORD.DOC,” “882D.DOC,” and “GEN-DID.DOC,” all dated 11 October 1996.

Technical Access: The operating system is identified as Microsoft, and the software as “Microsoft Word 6.”

Existence and Location of Copies: A printed copy of the memorandum on the diskette is available in Box 17, File 7. The draft copy of the military standard and the “Data Item Description” were printed out from the diskette on 10 March 2006 and included in this file.

Box 17, File 11:
Title: FAA & 1309 (1.2.5 System Safety Requirements—Folder 10)
Date: 1997-1999

Box 17, File 12
Title: 1.2.5 System Safety Requirements—Folder 11
Date: 1963-1966

Box 17, File 13
Title: 1.2.5 System Safety Requirements—Folder 12
Date: March 1966

Box 17, File 14
Title: MIL-STD-882B (1.2.5 System Safety Requirements—Folder 13)
Date: 1977-1992

Box 17, File 15
Title: 1.2.6 System Safety Tasks
Date: 1967-1996
Item
Title: The Voice of Lord Brabazon
Date: 27 September 1962

Series 4, Subseries 3:
Title: 2.0 Systems
Date: 1956-2001
Extent: 2.5 linear feet

Scope and content: This subseries comprises materials that Miller coded 2.0 through 2.4.4 in his system of information retrieval. Subjects include aviation system, aerial application, air carrier (major), balloons, commuters/regional [airlines], EMS (emergency medical service), general aviation (business/private), glider/soaring, helicopter, military, sport/experimental, SST (supersonic transport), ultralights, V/STOL (fixed wing, missiles/space systems, commercial space operations, manned space flight, missiles/unmanned space vehicles, safety fields (including explosives, industrial/worker,
nuclear power and nuclear weapons), and other transportation systems (including highway/traffic, marine (surface), rail/mass transit, and undersea). This set of materials consists mostly of printed matter of all kinds, from reports, posters, brochures, cartoons, and periodical articles, to published papers, but there are also notes, correspondence, and unpublished papers.

Related Archival Materials: “SST Consulting Notes,” Box 16, File 22

Box 17, File 16
Title: 2.1 Aviation system—Folder 1
Date: 1961-1974

Box 17, File 17
Title: 2.1 Aviation system—Folder 2
Date: 1963-1989

Box 17, File 18
Title: 2.1.1 Aerial Application
Date: 1964-1992

Box 17, File 19
Title: 2.1.2 Air Carrier [Major]—Folder 1
Date: 1956-1985

Box 17, File 20
Title: 2.1.2 Air Carrier [Major]—Folder 2
Date: 1987-1995

Box 17, File 21
Title: 2.1.3 Balloons
Date: 1989-1996

Box 17, File 22
Title: Federal Register, Department of Transportation (2.1.4 Commuters/Regional—Folder 2)
Date: December 20, 1995
Scope and Content: The single item in this file is Part II of the Federal Register for this date.

Box 17, File 23
Title: 2.1.4 Commuters/Regional—Folder 2
Date: 1972-1998

Box 17, File 24
Title: 2.1.4 Commuters/Regional—Folder 3
Date: 1994-1995
Box 18, File 1:
Title: Air Carrier Safety: a new paradigm for the 21st century (2.1.4 Commuters/Regional—Folder 4)
Date: 1995-1996
Scope and Content: This item is a book by David Russell Hinson, a lecture he presented in New York, May 17, 1995, copyright 1996, and published by The Wings Club, NY.

Box 18, File 2:
Title: 2.1.5 EMS (Emergency Medical Services)—Folder 1
Date: 1984-1989

Box 18, File 3:
Title: 2.1.5 EMS (Emergency Medical Services)—Folder 2
Date: 1986-1993

Box 18, File 4:
Title: 2.1.6 General Aviation (Business/Private)—Folder 1
Date: 1964-1981

Box 18, File 5:
Title: 2.1.6 General Aviation (Business/Private)—Folder 2
Date: 1961-1974

Box 18, File 6:
Title: 2.1.6 General Aviation (Business/Private)—Folder 3
Date: 1962-2000

Box 18, File 7:
Title: 2.1.6 General Aviation (Business/Private)—Folder 4
Date: 1967-1995

Box 18, File 8:
Title: 2.1.6 General Aviation (Business/Private)—Folder 5
Date: 1972-1989

Box 18, File 9:
Title: 2.1.6 General Aviation (Business/Private)—Folder 6
Date: 1989-1992

Box 18, File 10:
Title: 2.1.6 General Aviation (Business/Private)—Folder 7
Date: 1989-1991

Box 18, File 11:
Title: Clinical Problems: a five-year history of sailplane accidents (2.1.7 Glider/Soaring)
Date: March 1965
Scope and Content: This file consists solely of an article by Robert L. Wick, Jr., from *Aerospace Medicine*, pp. 269-272.

Box 18, File 12:
Title: 2.1.8 Helicopter –Folder 1
Date: 1959-1986

Box 18, File 13:
Title: 2.1.8 Helicopter –Folder 2
Date: 1964-1992

Box 18, File 14:
Title: 2.1.8 Helicopter –Folder 3
Date: 1964-1979

Box 18, File 15:
Title: 2.1.8 Helicopter –Folder 4
Date: 1959-1997

Box 18, File 16:
Title: 2.1.9 Military—Folder 1
Date: 1966-1992

Box 18, File 17:
Title: 2.1.9 Military—Folder 2
Date: 1975-1983

Box 18, File 18:
Title: 2.1.9 Military—Folder 3
Date: 1977-1987

Box 18, File 19:
Title: 2.1.9 Military—Folder 4
Date: 1972-1982

Box 18, File 20:
Title: 2.1.9 Military—Folder 5
Date: 1964-2001

Box 18, File 21:
Title: 2.1.12 Ultralights
Date: 1983-1988
Box 19, File 1
Title: 2.1.13 V/STOL (Fixed Wing)
Date: 1966-2001

Box 19, File 1
Title: 2.2 Missile/Space Systems
Date: 1962-1965

Box 19, File 3
Title: 2.2.1 Commercial Space Operations
Date: 1986

Box 19, File 4
Title: 2.2.2 Manned Space Flight—Folder 1
Date: 1956-1989
Item
Title: U.S. Manned Space Flight Summary
Date: 15 August 1966
Scope and Content: This is a copy of a table from Aviation Week & Space Technology.

Box 19, File 5:
Title: 2.2.2 Manned Space Flight—Folder 2
Date: 1966-1990
Item
Title: Hypothetical Apollo Program Safety Plan
Date: August 1966.
Name of Creator: Charles O. Miller
Scope and Content: This paper was apparently unpublished but adopted by Apollo Program.

Box 19, File 6:
Title: System Safety Guidelines (2.2.2 Manned Space Flight—Folder 3)
Date: 11 September 1967
Scope and Content: This is a draft of a paper by the Office of Manned Space Flight, National Aeronautics and Space Administration, Washington, DC (unpublished).

Box 19, File 7:
Title: 2.2.3 Missiles/Unmanned Space Vehicles—Folder 1
Date: 1962-1965

Box 19, File 8:
Title: 2.2.3 Missiles/Unmanned Space Vehicles—Folder 2
Date: 1959-1968

Box 19, File 9:
Title: Listing of Periodicals in Hazard Control Management and Related Fields” (2.3 Safety Fields—Other)
Date: (estimate) 1981

Box 19, File 10:
Title: 2.3.1 Explosives—Folder 1
Date: 1965-1968

Box 19, File 11:
Title: 2.3.1 Explosives—Folder 2
Date: 1966-1968

Box 19, File 12:
Title: 2.3.2 Industrial/Worker—Folder 1
Date: 1961-1980

Box 19, File 13:
Title: 2.3.2 Industrial/Worker—Folder 2
Date: 1966-1968

Box 19, File 14:
Title: 2.3.2 Industrial/Worker—Folder 3
Date: 1967-1995

Box 19, File 15:
Title: 2.3.3 Nuclear Power—Folder 1
Date: 1964-1991

Box 19, File 16:
Title: 2.3.3 Nuclear Power—Folder 2
Date: 1975-1987

Box 19, File 17:
Title: 2.3.3 Nuclear Power—Folder 3
Date: 1985-1991

Box 19, File 18:
Title: 2.3.4 Nuclear Weapons
Date: 1965-1987

Box 19, File 19:
Title: 2.4 Transportation Systems—Other
Date: 1974

Box 19, File 20:
Title: 2.4.1 Highway/Traffic—Folder 1
Date: 1956-1968

Box 19, File 21:
Title: 2.4.1 Highway/Traffic—Folder 2
Date: 1967-1976

Box 19, File 22:
Title: 2.4.2 Marine (Surface)
Date: 1969-1974

Box 19, File 23:
Title: 2.4.3 Rail/Mass Transit
Date: 1971-1990

Box 19, File 23:
Title: 2.4.4 Undersea
Date: 1967-1968

Series 4, Subseries 4:

Title: 3.0 Safety Management
Date: 1947-2001
Extent: 8.25 linear feet
Scope and content: Subseries 4 consists of files with subjects that Miller listed under “Safety Management” in his system of information retrieval. The subsumed topics are economics (of safety management), ethics, industrial relations, legal (with “products liability” as a subtopic), morale/leadership, organization/control, personnel management (basic theories, with subtopics “management by objectives” and “productivity”), policies/philosophies, production/manufacturing, public relations, risk management, staffing, and systems management. These materials are mostly printed matter, such as papers, magazine and newspaper articles, and pamphlets, but there are also unpublished papers, handwritten notes, and correspondence included.

Box 20, File 1
Title: 3.0 Safety Management—Folder 1
Date: 1972-1991

Box 20, File 2
Title: 3.0 Safety Management—Folder 2
Date: 1977-1992

Box 20, File 3
Title: 3.0 Safety Management—Folder 3
Date: 1962-1988
Item
Title: Safety Unit Says Metro Management Shared Blame for Fatal Derailment
Date: 30 July 1982
Name of Creator: Gerald F. Hall
Scope and Content: A copy of a Washington Post article from p. C4, with extensive highlighting. This newsprint has been scanned, with the original going into Box 49, File 2.
Existence and Location of Copies: An electronic copy is available.

Box 20, File 4
Title: 3.0 Safety Management—Folder 4
Date: 1967-1986

Box 20, File 5
Title: 3.0 Safety Management—Folder 5
Date: 1962-1986

Box 20, File 6
Title: 3.0 Safety Management—Folder 6
Date: 1968-1996

Box 20, File 7
Title: 3.0 Safety Management—Folder 7
Date: 1983-1989

Box 20, File 8
Title: 3.0 Safety Management—Folder 8
Date: 1988-1995

Box 20, File 9
Title: 3.0 Safety Management—Folder 9
Date: 1956-1996

Box 20, File 10
Title: 3.0 Safety Management—Folder 10
Date: 1992-1997

Box 20, File 11
Title: 3.0 Safety Management—Folder 11
Date: 1993-1997

Box 20, File 12:
Title: Corporate Culture and Transportation Safety Symposium (3.0 Safety Management—Folder 12)
Date: April 1997
Scope and Content: This is a copy of the publication of the symposium abstracts and full texts of presentations. Symposium presented by the National Transportation Safety Board, Arlington, Virginia.
Box 20, File 13
Title: 3.0 Safety Management—Folder 13
Date: 1952-1999

Box 20, File 14
Title: 3.0 Safety Management—Folder 14
Date: 1968-1974

Box 20, File 15:
Title: Safety Talks for ASOs: 52 lesson plans written by students attending the U.S. Army Safety Center Aviation Safety Office Course
Date: 1979
Scope and Content: This file contains this single item from the US Army Safety Center. There is no place of publication given.

Box 20, File 16
Title: 3.0 Safety Management—Folder 16
Date: (estimate) 1960

Box 20, File 17
Title: 3.0 Safety Management—Folder 17
Date: 1981-1991

Box 20, File 18
Title: 3.0 Safety Management—Folder 18
Date: 1972-1981

Box 20, File 19
Title: 3.0 Safety Management—Folder 19
Date: 1971-1990

Box 21, File 1
Title: 3.0 Safety Management—Folder 20
Date: 1972-1988

Box 21, File 2
Title: 3.0 Safety Management—Folder 21
Date: 1951-1991

Box 21, File 3
Title: 3.0 Safety Management—Folder 22
Date: 1947-1995

Box 21, File 4
Title: 3.0 Safety Management—Folder 23
**Box 21, File 5**
*Title:* 3.0 Safety Management—Folder 24  
*Date:* 1953-1995

**Box 21, File 6:**  
*Title:* 3.0 Safety Management—Folder 25  
*Date:* 1977-1991  
*Item*  
*Title:* Organization for Safety in a Medium-size jet Airline  
*Date:* 17 May 1977  
*Extent:* 19 sheets  
*Name of Creator:* Charles O. Miller  
*Scope and Content:* This is paper #73 on the publication list used to track Miller’s papers. A note on the title page says, “As presented at the 5th Flight Safety Seminar sponsored by the Orient Airlines Association, Hong Kong, 17 May 1977.”  
*Existence and Location of Copies:* The copy of this paper in Box 6, File 13 was scanned and is available electronically at ASASA.

**Box 21, File 7**  
*Title:* Proceedings of the Aviation Safety Conference (3.0 Safety Management—Folder 26)  
*Date:* 9 and 10 January 1995  
*Scope and Content:* This is a copy of the conference proceedings as held in Washington, DC by the US Department of Transportation Federal Aviation Administration.  
*Existence and Location of Copies:* There are two copies in this file.

**Box 21, File 8**  
*Title:* 3.0 Safety Management—Folder 27  
*Date:* 1992-1995

**Box 21, File 9**  
*Title:* 3.0 Safety Management—Folder 28  
*Date:* 1985-1995

**Box 21, File 10**  
*Title:* 3.0 Safety Management—Folder 29  
*Date:* 1991

**Box 21, File 11**  
*Title:* 3.0 Safety Management—Folder 30  
*Date:* 1953-1977  
*Item*  
*Title:* Organization for Safety in a Medium-size jet Airline
Date: 17 May 1977
Extent: 18 sheets
Name of Creator: Charles O. Miller
Scope and Content: This is paper #73 in the publication list used here. A note on the title page reads, “As presented at the 5th Flight Safety Seminar sponsored by the Orient Airlines Association, Hong Kong, 17 May 1977.”
Existence and Location of Copies: The copy of this paper in Box 6, File 13, was scanned and is available electronically at ASASA.

Box 21, File 12
Title: 3.0 Safety Management—Folder 31
Date: 1959-1993

Box 21, File 13
Title: 3.0 Safety Management—Folder 32
Date: 1951-1994

Box 21, File 14:
Title: The Role of System Safety in Aerospace Management (3.0 Safety Management—Folder 33)
Date: August 1966
Scope and Content: This is a copy of Miller’s publication #31 (unpublished?), which is marked “227.”
Existence and Location of Copies: The copy of this paper in Box 5, File 52, was scanned and is available electronically at ASASA.

Box 21, File 15:
Title: MORT—the management oversight & risk tree (3.0 Safety Management—Folder 34)
Date: 1971.
Scope and Content: This file contains a copy of W. G. Johnson’s report of this title prepared for the US Atomic Energy Commission, with worksheets and correspondence concerning the report.

Box 21, File 16
Title: 3.0 Safety Management—Folder 35
Date: 1969-1987

Box 21, File 17
Title: 3.0 Safety Management—Folder 36
Date: 1967-1987

Box 21, File 18
Title: 3.0 Safety Management—Folder 37
Date: 1971-1987
Box 21, File 19  
**Title:** 3.0 Safety Management—Folder 38  
**Date:** 1979-1986

Box 21, File 20  
**Title:** 3.0 Safety Management—Folder 39  
**Date:** 1973-1983

Box 21, File 21  
**Title:** 3.0 Safety Management—Folder 40  
**Date:** 1966-1989

Box 21, File 22:  
**Title:** 3.0 Safety Management—Folder 41  
**Date:** 1960-1967  
**Scope and Content:** This file includes a copy of Miller’s paper #32, “The Influence of Systems Engineering and Management on Aviation Products Liability”; and David H. Holladay’s “How the Commander Can Best Utilize His Aviation Safety Officer,” presented at a monthly Joint Aviation Safety Council meeting in San Diego (unpublished—1961).  
**Existence and Location of Copies:** The copy of this paper in Box 5, File 53, was scanned and is available electronically at ASASA.

Box 21, File 23:  
**Title:** 3.0 Safety Management—Folder 42  
**Date:** 1970-2001

Box 21, File 24  
**Title:** 3.0 Safety Management—Folder 43  
**Date:** 1984-2000  
**Item**  
**Title:** Letter to Larry Pressler, Senate Committee on Commerce, Science and Aviation  
**Date:** 19 May 1996  
**Extent:** 2 sheets  
**Name of Creator:** Charles O. Miller  
**Scope and Content:** This is a printout of a letter from Miller dated to Larry Pressler, Chairman of the Senate Committee on Commerce, Science and Aviation, about the Federal Aviation Administration and the National Transportation Safety Board.

Box 21, File 25  
**Title:** 3.1 Economics—Folder 1  
**Date:** 1959-1985

Box 21, File 26  
**Title:** 3.1 Economics—Folder 2  
**Date:** 1954-1988
Box 21, File 27
Title: Summary of Losses Which Would Have Been Limited by the Parker System (3.1 Economics—Folder 3)
Date: Undated

Box 22, File 1
Title: 3.1 Economics—Folder 4
Date: 1962-1983

Box 22, File 2:
Title: 3.1 Economics—Folder 5
Date: 1963-1976
Scope and Content: Includes a memorandum from Miller dated 14 December 1973 to The Board and General Manager of the National Transportation Safety Board (while employed by the Board), about the Flight Safety Foundation Seminar in Lisbon in 1973, with his notes on the seminar. The seminar brochure was attached.

Box 22, File 3
Title: 3.1 Economics—Folder 6
Date: 1963-1998

Box 22, File 4:
Title: 3.1 Economics—Folder 7
Date: 1983-1989

Box 22, File 5:
Title: 3.1 Economics—Folder 8
Date: 1971-1993

Box 22, File 6:
Title: 3.1 Economics—Folder 9
Date: 1966-1997

Box 22, File 7:
Title: 3.1 Economics—Folder 10
Date: 1966-1984

Box 22, File 8:
Title: 3.1 Economics—Folder 11
Date: 1963-1994
Item
Title: Some Economic Factors in Air Transport Loss Prevention, Appendix II
Date: 27-31 March 1961
Name of Creator: Jerome Lederer
Scope and Content: This is a copy of a lecture given at The International Air Transport Seminar on The Economics of Air Transportation.

Box 22, File 9
Title: Some Methodological Problems Associated with the Allocation of Resources for Transportation Safety (3.1 Economics—Folder 12
Date: October 1969
Scope and Content: Contains an unpublished draft of this paper by John L. Gable, listed as revised on the given date. Miller has written the comment “Excellent study” on this copy.

Box 22, File 10
Title: 3.1 Economics—Folder 13
Date: 1969-1987

Box 22, File 11
Title: 3.1 Economics—Folder 14
Date: 1966-1980

Box 22, File 12
Title: 3.2. Ethics—Folder 1
Date: 1954-1998

Box 22, File 13
Title: 3.2. Ethics—Folder 2
Date: 1955-1998

Box 22, File 14
Title: 3.3 Industrial Relations
Date: 1967

Box 22, File 15
Title: 3.4 Legal—Folder 1
Date: 1963-2001

Box 22, File 16
Title: 3.4 Legal—Folder 2
Date: 1963-1983

Box 22, File 17
Title: 3.4 Legal—Folder 3
Date: 1978-1983

Box 22, File 18
Title: 3.4 Legal—Folder 4
Date: 1965-1987
Box 22, File 19
Title: 3.4 Legal—Folder 5
Date: 1964-1986

Box 23, File 1:
Title: 3.4 Symposium Papers 1964 Aviation Law/Air Safety—Folder 1 (3.4 Legal—Folder 6)
Date: 1964

Box 23, File 2
Title: 3.4 Symposium Papers 1964 Aviation Law/Air Safety—Folder 2 (3.4 Legal—Folder 7)
Date: 1964

Box 23, File 3:
Title: The Influences of law upon The Disclosure and Dissemination of Air Safety Knowledge (Aviation Law & Air Safety—Folder 1 [3.4 Legal—Folder 8])
Date: June 1965
Scope and Content: This file contains what is apparently a thesis subtitled as above, originally contained in a binder retained in Series 5. This work is by Richard A. Sheffield, and was prepared for the USC School of Law for the Master of Laws degree.

Box 23, File 4:
Title: Aviation Law & Air Safety—Folder 2 of 2 (3.4 Legal—Folder 9)
Date: 1965

Box 23, File 5:
Title: Reports, Letters, Notes—Folder 1 (3.4 Legal—Folder 10)
Date: 1963-1988
Item
Title: Legal Ramifications of Aircraft Accident/Malfunction Data
Date: April 1962
Name of Creator: Charles O. Miller
Scope and Content: This was a paper (#16 on the publication list) for the IAS National Aerospace Systems Reliability Symposium, Salt Lake City, Utah. This copy was removed to Box 49 (“Unstable Media”) for preservation purposes.
Existence and Location of Copies: The copy of this paper in Box 5, file 40, was scanned and is available electronically at ASASA.

Box 23, File 6
Title: Litigation and Trial of Aircraft Accident Cases (Reports, Letters, Notes—Folder 2 [3.4 Legal—Folder 11])
Date: 1981 (estimate)
Scope and Content: This is an unpublished paper by John J. Kennelly.
Box 23, File 7
Title: Reports, Letters, Notes—Folder 3 (3.4 Legal—Folder 12)
Date: 1982-1985

Box 23, File 8:
Title: Reports, Letters, Notes—Folder 4 (3.4 Legal—Folder 13)
Date: 1978-1984
Item
Title: Human Performance and the Law
Date: November 1984
Name of Creator: Charles O. Miller
Scope and Content: This paper (publication #104) was presented at the Flight Safety Foundation’s 37th Annual International Air Safety Seminar, Zurich, Switzerland.
Existence and Location of Copies: The copy of this paper in Box 6, File 40 was scanned and is available electronically at ASASA.

Box 23, File 9:
Title: Reports, Letters, Notes—Folder 5 (3.4 Legal—Folder 14)
Date: 1971-1986

Box 23, File 10:
Title: Reports, Letters, Notes—Folder 6 (3.4 Legal—Folder 15)
Date: 1975-1977

Box 23, File 11
Title: Reports, Letters, Notes—Folder 7 (3.4 Legal—Folder 16)
Date: 1961-1970

Box 23, File 12:
Title: Reports, Letters, Notes—Folder 8 (3.4 Legal—Folder 17)
Date: 1954-1968

Box 23, File 13
Title: Reports, Letters, Notes—Folder 9 (3.4 Legal—Folder 18)
Date: 1962-1987
Item
Title: The Influence of Systems Engineering and Management on Aviation Products Liability
Date: 1966
Name of Creator: Charles O. Miller
Scope and Content: A notation on this paper indicates that it was produced “while at USC.” The date given is the copyright date. There is no publication information. This is publication No. 32.
Existence and Location of Copies: The copy of this paper in Box 5, File 53 was scanned and is available electronically.
Title: Legal Ramifications of Aircraft Accident/Malfunction Data (3.4 Legal—Folder 19)
Date: 16 April 1962
Name of Creator: Charles O. Miller
Scope and Content: These are two copies of one of Miller’s publications. These are diazotypes isolated from the original context in files 11 and 12. Paper presented to the IAS National Aerospace Systems Reliability Symposium, Salt Lake City, Utah (Publication #16).
Existence and Location of Copies: The copy of this paper in Box 5, File 40 was scanned and is available electronically.

Title: 3.4 Legal—Folder 20
Date: 1960-1987

Title: 3.4 Legal—Folder 21
Date: 1968-1979

Title: 3.4 Legal—Folder 22
Date: 1965-1987

Title: 3.4 Legal—Folder 23
Date: 1962-1987

Title: 3.4 Legal—Folder 24
Date: 1965-1982

Title: 3.4 Legal—Folder 25
Date: 1963-1987

Title: 3.4 Legal—Folder 26
Date: 1967-1987

Title: Witness—Folder 2 (3.4 Legal—Folder 27)
Date: File 21: 1978-1988

Title: Other—Folder 1 (3.4 Legal—Folder 28)
Date: 1967-1993

Box 24, File 2
Title: Other—Folder 2 (3.4 Legal—Folder 29)
Date: 1953-1993

Box 24, File 3
Title: Other—Folder 3 (3.4 Legal—Folder 30)
Date: 1968-1992

Box 24, File 4
Title: Other—Folder 4 (3.4 Legal—Folder 31)
Date: 1990-1992

Box 24, File 5
Title: Other—Folder 1 (3.4 Legal—Folder 32)
Date: 1960-1999

Box 24, File 6
Title: 3.4 Legal—Folder 33
Date: 1992-1993

Box 24, File 7
Title: 3.4.1 Product Liability—Folder 1
Date: 1966-1987

Box 24, File 8
Title: 3.4.1 Product Liability—Folder 2
Date: 1977-1988

Box 24, File 9
Title: 3.4.1 Product Liability—Folder 3
Date: 1983-1986
Item
Title: Letter from Senator John Warner
Date: 26 November 1986
Extent: 2 sheets
Name of Creator: Senator John Warner
Scope and Content: This letter to Miller is about product liability “in the aviation industry.”

Box 24, File 10
Title: 3.4.1 Product Liability—Folder 4
Date: 1983-1987
Item
Title: Comments Re S. 44 Draft Dated Oct. 19, 1983 (The Uniform Product Liability Bill)
Date: 15 May 1984
Extent: 3 sheets
Name of Creator: Charles O. Miller

Box 24, File 11
Title: 3.4.1 Product Liability—Folder 5
Date: 1987

Box 24, File 12
Title: 3.4.1 Product Liability—Folder 6
Date: 1966-1986

Box 24, File 13
Title: 3.4.1 Product Liability—Folder 7
Date: 1963-1987
Item
Title: Aviation Product Liability from the Air Safety Investigation Point of View
Date: October 1972
Name of Creator: Charles O. Miller
Scope and Content: This paper is noted to be “as presented at the Sixteenth Annual Human Factors Society Convention, LA CA.” (Publication #59)
Existence and Location of Copies: The copy of this paper in Box 5, File 80 was scanned and is available electronically.

Box 24, File 14
Title: 3.4.1 Product Liability—Folder 8
Date: 1989-1994

Box 24, File 15
Title: 3.5 Morale Leadership—Folder 1
Date: 1951-1975

Box 24, File 16
Title: 3.5 Morale Leadership—Folder 2
Date: 1952-1999

Box 24, File 17
Title: 3.6 Organization/Control—Folder 1
Date: 1956-1978

Box 24, File 18
Title: 3.6 Organization/Control—Folder 2
Date: 1956-1974
Box 24, File 19
Title: 3.6 Organization/Control—Folder 3
Date: 1955-1999

Box 24, File 20
Title: 3.6 Organization/Control—Folder 4
Date: May 1955 and undated
System of Arrangement: These diazotypes were removed from File 19 for isolation and preservation.

Box 25, File 1
Title: 3.7 Personnel Management (Basic Theories)
Date: 1953-1974

Box 25, File 2
Title: 3.7 Personnel Management (Basic Theories)—Folder 2
Date: 1951-1989

Box 25, File 3
Title: 3.7 Personnel Management (Basic Theories)—Folder 3
Date: 1969-1993

Box 25, File 4
Title: 3.7 Personnel Management (Basic Theories)—Folder 4
Date: 1963-1988

Box 25, File 5
Title: 3.7.1 Management by Objectives—Folder 1
Date: 1971-1990

Box 25, File 6
Title: 3.7.1 Management by Objectives—Folder 2
Date: 1989-1990

Box 25, File 7
Title: 3.7.2 Productivity
Date: 1972-1983

Box 25, File 8
Title: 3.8 Policies/Philosophies—Folder 1
Date: 1965-1996
Scope and Content: This file contains copies of Miller’s “Comparative Analysis of Federal Legislative Mandates for Public Safety” presented at the Fifth International System Safety Conference, Denver, Colorado, July 1981 (#84); and “Aviation Accident Losses in Perspective” “as presented at the Allied Pilots Association Accident Investigation Seminar Banquet, Arlington, TX February 1972” (#58).
Existence and Location of Copies: The copies of “Comparative . . .” and “Aviation . . .” in Box 6, File 23 and Box 5, File 79, respectively, have been scanned and are available electronically.

Box 25, File 9
Title: 3.8 Policies/Philosophies—Folder 2
Date: 1955-1982

Box 25, File 10
Title: 3.8 Policies/Philosophies—Folder 3
Date: 1962-1993

Item
Title: Some Principles of Aviation Accident Prevention
Date: May 1975
Name of Creator: Charles O. Miller
Scope and Content: This paper is noted to have been presented at the 4th Flight Safety Seminar, Kuala Lumpur, Malaysia. This appears to be one of the papers missing from the publication series, No. 65.

Existence and Location of Copies: The copy of this paper in Box 8, File 11 was scanned and is available electronically.

Box 25, File 11
Title: 3.8 Policies/Philosophies—Folder 4
Date: 1960-1968

Box 25, File 12
Title: 3.8 Policies/Philosophies—Folder 5
Date: 1961-1997

Item
Title: Candidate Issues and Answers for a Federal Safety Policy
Date: 30 July 1993
Name of Creator: Charles O. Miller
Scope and Content: This paper is noted to have been “presented at the 11th International Conference Sponsored by the System Safety Society, Cincinnati, OH”, labeled “Panel Summary.”

Box 25, File 13
Title: 3.8 Policies/Philosophies—Folder 6
Date: 1953-1974

Box 25, File 14
Title: 3.8 Policies/Philosophies—Folder 7
Date: 1959-1977

Box 25, File 15
Title: 3.8 Policies/Philosophies—Folder 8
Box 25, File 16
Title: 3.9 Production/Manufacturing
Date: 1975-1981
Item
Title: Certified Product Safety Manager (CPSM) Application Form
Date: 18 November 1980
Scope and Content: This is a filled-out form, giving personal information, including education.

Box 25, File 17
Title: 3.10 Public Relations
Date: 1957-1990
Scope and Content: This file includes a copy of a telegram from Senator Edward M. Kennedy as a press release dated 6 August 1976 re “747 Accident on San Francisco-Tokyo Flight of July 30” (removed to Box 50 due to legal size), with copy of telegram and response from National Transportation Safety Board.

Box 25, File 18
Title: 3.10 Public Relations—Folder 2
Date: 1970-1999

Box 25, File 19
Title: 3.10 Public Relations—Folder 3
Date: 1999-2001

Box 25, File 20
Title: Foreword (3.10 Public Relations—Folder 4)
Date: Undated
Scope and Content: This is a document without a title page, “published for the information of law enforcement agencies, five departments, and other rescue or disaster assistance type organizations within a 30-mile radius of (blank) Air Force Base.” It is apparently a template, with spaces for signatures, for an emergency plan for Air Force bases, and includes discovering, reporting and giving aid at the scene of an airplane accident.
System of Arrangement: These diazotypes were isolated from the previous folders.

Box 25, File 21
Title: 3.11 Risk Management—Folder 1
Date: 1959-1987

Box 26, File 1
Title: 3.11 Risk Management—Folder 2
Date: 1968-1987
**Scope and Content:** This file includes a group of papers labeled “References cited in INPO paper”; and “System Safety as a Function of Risk management” presented at the NASA System Safety Conference Goddard Space Flight Center Greenbelt, MD May 1968 (#41) (Box 5, file 63); and Miller’s “Safety Management” “an outline of remarks presented at the Institute of Nuclear Power Operations (INPO) Advisory Council Meeting Atlanta, GA May 1987 (#108)

**Existence and Location of Copies:** The copy of “Safety Management” in Box 6, File 43, was scanned and is available electronically.

**Box 26, File 2**
- **Title:** 3.11 Risk Management—Folder 3
- **Date:** 1971-1990

**Box 26, File 3**
- **Title:** 3.11 Risk Management—Folder 4
- **Date:** 1954-1997

**Box 26, File 4**
- **Title:** 3.11 Risk Management—Folder 5
- **Date:** 1970-1992

**Box 26, File 5**
- **Title:** 3.11 Risk Management—Folder 6
- **Date:** 1968-1991

**Box 26, File 6**
- **Title:** 3.11 Risk Management—Folder 7
- **Date:** 1969-2000

**Box 26, File 7**
- **Title:** 3.11 Risk Management—Folder 8
- **Date:** 1970-1987

**Box 26, File 8**
- **Title:** 3.13 Systems Management—Folder 1
- **Date:** 1965-1979

**Box 26, File 9**
- **Title:** 3.13 Systems Management—Folder 2
- **Date:** 1962-1981

**Box 26, File 10**
- **Title:** 3.13 Systems Management—Folder 3
- **Date:** 1948-1991

**Box 26, File 11**
Title: 3.13 Systems Management—Folder 4  
Date: 1973-1992

Series 4, Subseries 5:  
Title: 4.0 Aerospace Operations  
Date: 1941-2001  
Extent: 7 linear feet

Scope and content: This subseries includes files in Miller’s system of information retrieval that are marked with his subjects concerning flight operations, ground operations, personnel performance, and weather operations. Although most of the materials are printed matter, such as periodicals, periodical articles, brochures, conference announcements, and so on, correspondence, unpublished papers, handwritten notes, and other more personalized items are present.

Box 26, File 12  
Title: 4.1 Flight Operations—Folder 1  
Date: 1970-1999

Box 26, File 13  
Title: 4.1 Flight Operations—Folder 2  
Date: 1962-1985

Box 26, File 14  
Title: 4.1 Flight Operations—Folder 3  
Date: 1959-1993

Box 26, File 15  
Title: 4.1 Flight Operations—Folder 4  
Date: 1958-1990  
Scope and Content: This file includes booklet *Pilot Safety and Warning Supplements*, Cessna D5099-13, October 1985 Cessna Aircraft Company, Wichita, Kansas (original issue) and *The American Yankee Owners Manual*, American Aviation Corporation, Cleveland, Ohio, 1970

Box 26, File 16  
Title: 4.1 Flight Operations—Folder 5  
Date: 1967-1976  

Box 26, File 17  
Title: 4.1 Flight Operations—Folder 6  
Date: 1966-1999

Box 26, File 18
Positive Attitude: an interview with—C. O. ‘Chuck’ Miller, Director, Bureau of Aviation Safety, NTSB, 1974

Scope and Content: This is an article from the Journal of ATC, pp. 19-25 with several reproductions of photographs of Miller (in good condition). The interview is by Don Francke, and there is a short biography included on p. 24.

Box 27, File 1
Title: 4.1.2 Approach/Landing—Folder 3
Date: 1965-1999

Box 27, File 2
Title: 4.1.2 Approach/Landing—Folder 1
Date: 1962-1996

Box 27, File 3
Title: 4.1.2 Approach/Landing—Folder 2
Date: 1994-1996

Box 27, File 4
Title: 4.1.2 Approach/Landing—Folder 3
Date: 1965-1998

Item
Date: 30 July and 21 and 22 October 1975
Scope and Content: This publication is from the US Government Printing Office, Washington, published in 1976. Its government document number is 70-501. This includes testimony by Miller before the Subcommittee.

Box 27, File 5
Title: 4.1.2 Approach/Landing—Folder 4
Date: 1960-1989

Box 27, File 6
Title: 4.1.2 Approach/Landing—Folder 5
Date: 1969-1984
Box 27, File 7
Title: 4.1.2 Approach/Landing—Folder 6
Date: 1966-1992
Scope and Content: Includes “Petition to the National Transportation Safety Board for Reconsideration of the Probable Cause Involving EAL B-727, N8838E, Raleigh, North Carolina, November 12, 1975” with drawings, correspondence (2 charts removed to File 15).

Box 27, File 8
Title: 4.1.2 Approach/Landing—Folder 7
Date: 1968-1985

Box 27, File 9
Title: 4.1.2 Approach/Landing—Folder 8
Date: 1973-1983

Box 27, File 10
Title: 4.1.2 Approach/Landing—Folder 9
Date: 1969-1986

Box 27, File 11
Title: 4.1.2 Approach/Landing—Folder 10
Date: 1961-1980

Box 27, File 12
Title: Misc App & Ldg Acc (4.1.2 Approach/Landing—Folder 11
Date: 1973-1976

Box 27, File 13
Title: Misc App & Ldg Acc (4.1.2 Approach/Landing—Folder 12
Date: 1961-1980

Box 27, File 14
Title: Misc App & Ldg Acc (4.1.2 Approach/Landing—Folder 13
Date: 1965-2001

Box 27, File 15
Title: 4.1.2 Approach/Landing—Folder 14
Date: undated
Scope and Content: Two charts from “Petition to the National Transportation Safety Board for Reconsideration of the Probable Cause Involving EAL B-727, N8838E, Raleigh, North Carolina, November 12, 1975,” removed to here for isolation as diazotypes.

Box 27, File 16
Title: 4.1.2.1 GPWS (Ground Proximity Warning System)—Folder 1
Date: 1970-1999

Box 27, File 17
Title: 4.1.2.1 GPWS (Ground Proximity Warning System)—Folder 2
Date: 1973-1992

Box 27, File 18
Title: 4.1.3 Bird Strikes—Folder 1
Date: 1963-1975

Box 27, File 19
Title: 4.1.3 Bird Strikes—Folder 2
Date: 1964-1983

Box 28, File 1
Title: 4.1.3 Bird Strikes—Folder 3
Date: 1961-1996

Box 28, File 2
Title: 4.1.3 Bird Strikes—Folder 4
Date: 1973-1997

Box 28, File 3
Title: 4.1.4 Cabin Safety
Date: 2001
Scope and Content: The single item in this file is an issue of Partners in Safety from United Airlines, Spring 2001, on “Turbulence. It Could Happen to You.”

Box 28, File 4
Title: 4.1.5 Collision Avoidance—Folder 1
Date: 1966-1991

Box 28, File 5
Title: 4.1.5 Collision Avoidance—Folder 2
Date: 1963-1970

Box 28, File 6
Title: 4.1.5 Collision Avoidance—Folder 3
Date: 1962-1971

Box 28, File 7
Title: 4.1.5 Collision Avoidance—Folder 4
Date: 1961-1986

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<td>1958-1992</td>
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<td>4.1.5 Collison Avoidance—Folder 7</td>
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<td>11</td>
<td>4.1.7 Ditching</td>
<td>1954-1991</td>
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<td>12</td>
<td>4.1.8 ETOPS (Extended Twin-engine Operations)—Folder 1</td>
<td>1987-1993</td>
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<td>4.1.8 ETOPS (Extended Twin-engine Operations)—Folder 2</td>
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<td>16</td>
<td>4.1.10 Flight Testing</td>
<td>1965-1996</td>
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<td>17</td>
<td>4.1.11 Navigation (Operations)—Folder 1</td>
<td>1960-1987</td>
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<td>18</td>
<td>4.1.11 Navigation (Operations)—Folder 2</td>
<td>1941-1996</td>
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<td>19</td>
<td>4.1.12 Obstruction Avoidance—Folder 1</td>
<td>1964-1988</td>
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Box 28, File 20
Title: 4.1.12 Obstruction Avoidance—Folder 2
Date: 1975-1996

Box 28, File 21
Title: 4.1.13 Preflight/Checkout/Launch
Date: September 1974

Box 28, File 22
Title: 4.1.14 Radar
Date: 1985-1986

Box 28, File 23
Title: 4.1.15 Search/Survival/Rescue
Date: 1951-1996
Item
Title: Foaming the Runway
Date: 30 July and 21 and 22 October 1975
Extent: 1 sheet (2 pages joined in middle)
Scope and Content: This is an article from *Aerospace Safety*, March 1962, pages 14-16. It consists of an interview with Howard P. Crews, base fire chief at Edwards Air Force Base.

Box 28, File 24
Title: 4.1.15 Search/Survival/Rescue—Folder 2
Date: 1963-1989
Item
Title: Presentation on the Use of Foam for Emergency Landings Involving Landing Gear Malfunctions
Date: 1963
Extent: 16 sheets
Scope and Content: The title page identifies this as from the University of Southern California, University College Aerospace Safety Division. It is also noted as “Reference Number 422 David H. Holladay Cognizant Instructor.” It is said to have been “Prepared by Howard P. Crews, Chief Fire Protection & Aircraft Crash Rescue Branch, Air Force Flight Test Center, Edwards Air Force Base, California.”

Box 28, File 25
Title: 4.1.15 Search/Survival/Rescue—Folder 3
Date: 1970-1980

Box 28, File 26
Title: 4.1.16 Sonic Boom
Date: 1964-1965

Box 28, File 27
Title: 4.1.17 Standarization
Date: 1962-1993

Box 29, File 1
Title: 4.1.19 Takeoff performance (Accelerate-Stop)
Date: 1969-1995

Box 29, File 2
Title: 4.1.20 Wake Vortex—Folder 1
Date: 1969-1994

Box 29, File 3
Title: 4.1.20 Wake Vortex—Folder 2
Date: 1969-1997

Box 29, File 4
Title: 4.1.21 Weight and Balance—Folder 1
Date: 1973-1987

Box 29, File 5
Title: 4.1.21 Weight and Balance—Folder 2
Date: 1967-1995

Item
Title: Boeing 707 Tokyo/Hong Kong 5 March 1966 Flight/aircraft broke up in flight
Date: 31 July 1967
Extent: 9 sheets
Name of Creator: Incident and Accident Information Exchange Group
Scope and Content: This is Report No. 833 issued by this confidential group. It includes extracts from official reports, conclusions, and the remedy taken by Boeing.

Box 29, File 6
Title: 4.1.22 Wire Strikes—Folder 1
Date: 1956-1989

Box 29, File 7
Title: 4.1.22 Wire Strikes—Folder 2
Date: 1978-1996

Box 29, File 8
Title: 4.2 Ground Operations
Date: 1964-1996

Box 29, File 9
Title: 4.2.1 Airport Facilities/Procedures—Folder 1
Date: 1958-1989

Box 29, File 10
Title: 4.2.1 Airport Facilities/Procedures—Folder 2
Date: 1964-1979

Box 29, File 11
Title: 4.2.1 Airport Facilities/Procedures—Folder 3
Date: 1969-1999

Box 29, File 12
Title: 4.2.1 Airport Facilities/Procedures—Folder 4
Date: 1973-1981

Box 29, File 13
Title: 4.2.1 Airport Facilities/Procedures—Folder 5
Date: 1967-1988

Box 29, File 14
Title: 4.2.1 Airport Facilities/Procedures—Folder 6
Date: 1975-2000

Box 29, File 15
Title: 4.2.3 Crash Rescue/Fire Fighting
Date: undated

Box 29, File 16
Title: 4.2.4 Dangerous Materials—Folder 1
Date: 1964-1982

Box 29, File 17
Title: 4.2.4 Dangerous Materials—Folder 2
Date: 1957-1974

Box 29, File 18
Title: 4.2.4 Dangerous Materials—Folder 3
Date: 1974-1997

Box 29, File 19
Title: 4.2.5 Disaster Planning
Date: 1975-1993

Box 29, File 20
Title: 4.2.6 FOD (Foreign Object Damage)
Date: 1960-1996
Box 29, File 21  
Title: 4.2.7 Maintenance/Overhaul—Folder 1  
Date: 1964-1982

Box 30, File 1  
Title: 4.2.7 Maintenance/Overhaul—Folder 2  
Date: 1963-1984

Box 30, File 2  
Title: 4.2.7 Maintenance/Overhaul—Folder 3  
Date: 1971-1986

Box 30, File 3  
Title: Airframe Maintenance and Repair (4.2.7 Maintenance/Overhaul—Folder 4  
Date: 1964  
Scope and Content: This is a publication by the Department of the Air Force, Washington, DC.

Box 30, File 4  
Title: 4.2.7 Maintenance/Overhaul—Folder 5  
Date: 1963-1999

Box 30, File 5  
Title: 4.2.8 Navigation Aids (Ground)  
Date: 1967-1970

Box 30, File 6  
Title: 4.2.9 Sabotage/Security/Hijacking  
Date: 1960-1992  
Item  
Title: Memorandum on Revision to AFSC 1925, Flying Safety Officer and 1945, Missile Safety Officer  
Date: 9 March 1965  
Extent: 6 sheets  
Name of Creator: Milton C. Green, Colonel, USAF, Deputy Assistant for Inspection and Safety Services  
Scope and Content: This item presents revisions to Air Force directives.

Box 30, File 7  
Title: 4.3 Personnel Performance—Folder 1  
Date: 1963-1974

Box 30, File 8  
Title: 4.3 Personnel Performance—Folder 2  
Date: 1959-1994
Box 30, File 9
Title: *Analyzing Performance Problems or “You Really Oughta Wanna”* (4.3 Personnel Performance)
Date: 1970
Scope and Content: This is a book by Robert F. Mager and Peter Pipe, published in Belmont, California by Fearon Publishers.

Box 30, File 10
Title: 4.3.1 Crew Selection
Date: 1980-1981

Box 30, File 11
Title: 4.3.1 CRM (Cockpit/Crew Resource Management)—Folder 1
Date: 1988-1992

Box 30, File 12
Title: 4.3.1 CRM (Cockpit/Crew Resource Management)—Folder 2
Date: 1991-1999

Box 30, File 13
Title: 4.3.1 CRM (Cockpit/Crew Resource Management)—Folder 3
Date: 1968-1998

Box 30, File 14
Title: 4.3.1 CRM (Cockpit/Crew Resource Management)—Folder 4
Date: 1970-1991

Box 30, File 15
Date: March, 1980
Scope and Content: This is NASA Conference publication 2120 of the proceedings of a workshop held June 26-28, 1979, published by NASA Ames Research Center, Moffett Field, California.

Box 30, File 16
Title: 4.3.1 CRM (Cockpit/Crew Resource Management)—Folder 6
Date: 1979-1994

Box 30, File 17
Title: 4.3.1 CRM (Cockpit/Crew Resource Management)—Folder 7
Date: 1996-1999

Box 30, File 18
Title: 4.3.2 Pilot proficiency/Evaluation
Date: 1958-1967

Box 30, File 19
Title: 4.4 Weather Operations
Date: 1957-1993

Box 30, File 20
Title: 4.4.2 Cold Weather—Folder 1
Date: 1965-1982

Box 30, File 21
Title: 4.4.2 Cold Weather—Folder 2
Date: 1956-1991

Box 30, File 22
Title: 4.4.2 Cold Weather—Folder 3
Date: 1991-1996

Box 30, File 23
Title: 4.4.3 Icing—Folder 1
Date: 1992-1999

Box 30, File 24
Title: 4.4.3 Icing—Folder 2
Date: 1988-1996

Box 31, File 1
Title: 4.4.3 Icing—Folder 3
Date: 1970-1993

Box 31, File 2
Title: Federal Register Part VIII Department of Transportation Federal Aviation Administration 14 CFR Parts 125 and 135 Training and Checking in Ground Icing Conditions; Proposed Advisory Circular on Training, Testing, and Checking; Interim Final Rule and Notice (4.4.3 Icing—Folder 4)
Date: 30 December 1993
Scope and Content: This newsprint copy of the Federal Register has been isolated here. This particular portion covers the Department of Transportation, Federal Aviation Administration, published in Washington, DC.

Box 31, File 3
Title: 4.4.3 Icing—Folder 5
Date: 1981-1996
Item
Title: American Eagle Flight 4184 “An Icing Crisis”
Date: undated (1996 or later)
This is a paper by a senior air safety investigator with the National Transportation Safety Board discussing the findings on an accident that took place on 31 October 1994, at Roselawn, Indiana. The associated NTSB report information is given as NTSB/AAR-96/02, DCA95MA001, “In-Flight Icing Encounter and Loss of Control, Simmons Airlines, . . . Avions de Transport Regional (ATR) Model 72-212, N401AM.”

Item
Title: Canadian Crash Panel Criticizes Crew of F-28, Airline and Regulation
Date: 30 March 1992
Extent: 2 sheets
Scope and Content: This is part of what may be series of case studies in this folder, looking at accidents or incidents involving icing. Each packet contains a cover sheet with a summary of the facts, and a photocopy of an article about the conclusions following investigation. In this case, the accident occurred 10 March 1989, at Dryden, Ontario and involved an F-28. The article is from Aviation Week & Space Technology, from the date given above. (The cover sheet is undated.)

Box 31, File 4
Title: 4.4.3 Icing—Folder 6
Date: 1957-1992

Box 31, File 5
Title: USAIG I and II (4.4.3 Icing—Folder 7)
Date: 1985
Scope and Content: These appear to be copies of numbered litigation papers regarding an accident on 20 October 1984 involving a Cessna 414 Riley Rocket at Cheyenne, Wyoming. Heading the “II” section is a letter from Bendix Aerospace denying responsibility for the accident in question. The date of the file is taken from the letter, although some materials are copies of 1984 papers, and other may be from later dates. Some of the papers were removed to Box 50 due to their “legal size” length.

Box 31, File 6
Title: 4.4.3 Icing—Folder 8
Date: 1957-1991

Box 31, File 7
Title: 4.4.4 Lightning/Static Electricity—Folder 1
Date: 1957-1992
Physical Access: Some materials have been removed and isolated due to mold contamination.

Box 31, File 8
Title: 4.4.4 Lightning/Static Electricity—Folder 2
Date: 1957-1979
Box 31, File 9
Title: 4.4.4 Lightning/Static Electricity—Folder 3
Date: 1974-1984) includes letter to Miller from James B. King, Chairman of the NTSB, 30 January 1979 re Iranian Air Force Boeing 747 (NTSB-AAR-78-12)

Box 31, File 10
Title: Federal Register Part V Department of Transportation Federal Aviation Administration 14 CFR Part 25 Electrical and Electronic Systems Lightning Protection; Notice of Proposed Rulemaking 30 May 1989; and Federal Register Part X Department of Transportation Federal Aviation Administration 14 CFR Part 25 Electrical and Electronic Systems Lightning Protection; Final Rule (Lightning/Static Electricity—Folder 4)
Date: 28 April 1994

Box 31, File 11
Title: 4.4.6 Turbulence/Thunderstorm—Folder 1
Date: 1953-1997

Box 31, File 12
Title: 4.4.6 Turbulence/Thunderstorm—Folder 2
Date: 1963-1999

Box 31, File 13
Title: 4.4.6 Turbulence/Thunderstorm Refs—Folder 1 (4.4.6 Turbulence/Thunderstorm—Folder 3)
Date: 1959-1995

Box 31, File 14
Title: 4.4.6 Turbulence/Thunderstorm Refs—Folder 2 (4.4.6 Turbulence/Thunderstorm—Folder 4)
Date: 1958-1988
Item
Title: At Anaheim: Crash Prevention Convention Topic
Date: 11 October 1968
Scope and Content: This is a copy of an article from the Santa Ana Register, p. C8, with a photograph of Miller, covering his speech to the 21st annual International Air Safety Seminar on the 9th. “The speech was Miller’s first major address since assuming the federal post” of Bureau of Aviation Safety of the NTSB.

Box 31, File 15
Title: 4.4.7 Wind Shear—Folder 1
Date: 1956-1988

Box 31, File 16
Title: 4.4.7 Wind Shear—Folder 2
Date: 1941-1982
Box 31, File 17
Title: 4.4.7 Wind Shear—Folder 3
Date: 1969-1998

Box 31, File 18
Title: 4.4.7 Wind Shear—Folder 4
Date: 1960-1984

Box 31, File 19
Title: 4.4.7 Wind Shear—Folder 5
Date: 1989-1995

Box 31, File 20
Title: 4.4.7 Wind Shear—Folder 6
Date: 1975-1989

Box 31, File 21
Title: 4.4.7 Wind Shear—Folder 7
Date: 1976-1987

Box 31, File 22
Title: 4.4.7 Wind Shear—Folder 8
Date: 1976-1987

Box 32, File 1
Title: 4.4.7 Wind Shear—Folder 9
Date: 1969-1987

Box 32, File 2
Title: 4.4.7 Wind Shear—Folder 10
Date: 1975-1994

Box 32, File 3
Title: 4.4.7 Wind Shear—Folder 11
Date: 1969-1993

Box 32, File 4
Title: Federal Register (4.4.7 Wind Shear—Folder 12)
Date: 1987-1988

Series 4, Subseries 6:

Title: 5.0 Design Safety
Date: 1951-2001
Extent: 4.25 linear feet
Scope and content: In his system of information retrieval, Miller designated 5.0 to contain design issues as they related to safety. His subheadings are: Crash Injury Prevention, Crew Station and Cabin, Escape Systems, Environmental Factors (such as vibration, noise, and thermal factors), vehicle sub-systems (such as computers, electronic systems, fire prevention, and fuel systems, as well as landing gear), and Surface Controls. As with all the files in this series, this subseries consists mainly of printed matter—periodicals and articles, conference brochures, pamphlets, booklets, and flyers. However, there are substantial amounts of personal and business correspondence, unpublished papers by Miller and others, and Miller’s handwritten memorializing meetings, telephone calls, reviews of material, and conference notes.

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<tr>
<td>Date: 1964-1999</td>
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<td>Item</td>
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<tr>
<td>Title: Deadly Skies: Crash Protection in Small Planes Cited In Search for Reasons the Death Toll Remains High (and) The Safety Board Checks on a Crash, But Who Can Know What Caused It?</td>
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<tr>
<td>Date: 30 November 1981</td>
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<td>System of Arrangement: This is newsprint that is isolated in Box 49, File 3.</td>
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<td>Existence and Location of Copies: This item was scanned and is available electronically.</td>
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Box 32, File 12  
Title: 5.0 Design Safety—Folder 8  
Date: 1951-2001

Box 32, File 13  
Title: 5.0 Design Safety—Folder 9  
Date: 1961  
System of Arrangement: These diazotypes were removed from previous folders on this topic for isolation and preservation.

Box 32, File 14  
Title: 5.1 Crash Injury Prevention—Folder 1  
Date: 1962-1999

Box 32, File 15  
Title: Federal Register Part IV Department of Transportation Federal Aviation Administration 14 CFR Part 23 Airworthiness Standards: Occupant Protection Standards for Commuter Category Airplanes; Notice of Proposed Rulemaking (5.1 Crash Injury Prevention—Folder 2)  
Date: 14 July 1993

Box 32, File 16  
Title: 5.1.1 Crash Fire Protection  
Date: 1990-1998

Box 32, File 17  
Title: 5.1.2 Emergency Egress—Folder 1  
Date: 1987-2000

Box 32, File 18  
Title: 5.1.2 Emergency Egress—Folder 2  
Date: 1988-1995

Box 32, File 19  
Title: Federal Register (5.1.2 Emergency Egress—Folder 3)  
Date: 1989

Box 32, File 20  
Title: 5.1.3 Impact Design (Structural)  
Date: undated  
Scope and Content: The single item in this file is a page stating, “File provided to ERAU-Prescott Date 11/21/91.”

Box 32, File 21  
Title: 5.1.4 Seating/Restraint
Date: 1954-1996

Box 32, File 22
Title: 5.1.4 Seating/Restraint—Folder 2
Date: 1956-1989

Box 32, File 23
Title: 5.1.4 Seating/Restraint—Folder 3
Date: 1988-1989

Box 32, File 24
Title: 5.1.5 Survival Equipment
Date: 1973-1992

Box 32, File 25
Title: 5.2 Crew Station/Cabin
Date: 1964-1997

Box 32, File 26
Title: 5.2.1 Controls Configuration/Layout
Date: 1965-1997

Box 32, File 27
Title: 5.2.2 Galleys/Ancillary Equipment
Date: 1974

Box 32, File 28
Title: 5.2.3 Instrumentation—Folder 1
Date: 1970-1981

Box 33, File 1
Title: 5.2.3 Instrumentation—Folder 2
Date: 1954-1982

Box 33, File 2
Title: 5.2.3 Instrumentation—Folder 3
Date: 1959-1987

Box 33, File 3
Title: 5.2.3 Instrumentation—Folder 4
Date: 1963-1993

Box 33, File 4
Title: 5.2.3.1 Altimeters
Date: 1998
Box 33, File 5  
Title: 5.2.4 Life Support—Folder 1  
Date: 1959-1982

Box 33, File 6  
Title: 5.2.4 Life Support—Folder 2  
Date: 1954-1996)

Box 33, File 7  
Title: 5.2.5 Lighting (Internal)  
Date: 1971-1974

Box 33, File 8  
Title: 5.3.1 Capsule  
Date: undated  

Box 33, File 9  
Title: 5.3.2 Ejection Seats—Folder 1  
Date: 1954-1967  
Item  
Title: Human Requirements for Escape for High Performance Aircraft  
Date: 1956  
Extent: 18 sheets  
Name of Creator: Lt. Col. John Paul Stapp, USAF (MC)  
Scope and Content: Paper without publication notation. Stapp is listed on title page as “Chief, Aero Medical Field Laboratory, Holloman Air Development Center, Holloman Air Force Base, New Mexico.”  
Physical Access: This document is a fragile chemical-process copy.  
Existence and Location of Copies: This document has been scanned and is available electronically at ASASA.  
Related Archival Materials: Collections of Stapp papers at University of Michigan, Transportation Research Institute, and Air Force Research Center, Edwards Air Force Base. A biography of Stapp can be seen at http://www.edwards.af.mil/history/docs_html/people/stapp_biology.html

Box 33, File 10  
Title: 5.3.2 Ejection Seats—Folder 2  
Date: 1956-1995  
Item  
Title: Emergency Information Criteria Revealed in F8U Major Accidents to 1 July 1961  
Date: August 1961  
Name of Creator: Charles O. Miller  
Existence and Location of Copies: The copy of this paper located in Box 5, File 38, was scanned and is available electronically.

Box 33, File 11
Title: 5.3.2 Ejection Seats—Folder 3
Date: 1957-1978

Box 33, File 12
Title: 5.3.2 Ejection Seats—Folder 3
Date: 1955-1960

Box 33, File 13
Title: 5.3.2.1 Martin Baker Seat—Folder 1
Date: 1961-1987

Box 33, File 14
Title: Yes, sir, we did have to make a few minor modifications to get the Martin-Baker seat in the airplane (5.3.2.1 Martin Baker Seat—Folder 2)
Date: undated
Scope and Content: This cartoon is isolated in an acidic folder because it is a diazotype.

Box 33, File 15
Title: 5.3.3 Parachutes—Folder 1
Date: 1964-1991

Box 33, File 16
Title: Parachutes: Yesterday/Today/Tomorrow (5.3.3 Parachutes—Folder 2)
Date: November 1991
Scope and Content: The publisher for this single item was James M. Bates, Windsor Locks, Connecticut.

Box 33, File 17
Title: 5.4 Environmental Factors
Date: 1958-1991

Box 33, File 18
Title: 5.4.1 Acceleration/Vibration—Folder 1
Date: 1958-1990

Box 33, File 19
Title: 5.4.1 Acceleration/Vibration—Folder 2
Date: 1967-1987

Box 33, File 20
Title: 5.4.2 Noise—Folder 1
Date: 1958-1982
Box 33, File 21  
**Title:** 5.4.2 Noise—Folder 2  
**Date:** 1963-1985

Box 33, File 22  
**Title:** 5.4.2 Noise—Folder 3  
**Date:** 1966-1998

Box 33, File 23  
**Title:** 5.4.3 Radiation—Folder 1  
**Date:** 1958

Box 33, File 24  
**Title:** 5.4.3 Radiation—Folder 2  
**Date:** 1962-1989

Box 33, File 25  
**Title:** 5.4.3 Radiation—Folder 3  
**Date:** 1954-1961

Box 33, File 26  
**Title:** 5.4.3 Radiation—Folder 4  
**Date:** 1961-1993

Box 33, File 27  
**Title:** Atomic Vocabulary (5.4.3 Radiation—Folder 5)  
**Date:** May 1961  
**Scope and Content:** This is a diazotype of an article from *Aircraft & Missiles* pp. 46 through 49. It is isolated here for preservation.

Box 33, File 28  
**Title:** 5.4.4 Thermal  
**Date:** 1966-1974

Box 33, File 29  
**Title:** 5.4.5 Toxicity  
**Date:** 1957-1988

Box 33, File 30  
**Title:** 5.5 Vehicle Sub-Systems (General)  
**Date:** 1963-1988

Box 33, File 31  
**Title:** 5.5.1 Computer Based Systems—Folder 1  
**Date:** 1984-1993
Box 34, File 1
Title: 5.5.1 Computer Based Systems—Folder 2
Date: 1991-1999

Box 34, File 2
Title: 5.5.1 Computer Based Systems—Folder 3
Date: 1978-1996

Box 34, File 3
Title: 5.5.1 Computer Based Systems—Folder 4
Date: 1981-1986

Box 34, File 4
Title: 5.5.1 Computer Based Systems—Folder 5
Date: 1977-1992

Box 34, File 5
Title: Federal Register Part II Department of Transportation (Computer Based Systems—Folder 6)
Date: 9 November 1987
Scope and Content: This single item bears the subtitle “Standards for Approval of an Automatic Takeoff Thrust Control System (ATTCS); Final Rule.
System of Arrangement: This item was isolated from other materials because it is composed of newsprint.

Box 34, File 6
Title: 5.5.1 Computer Based Systems—Folder 7
Date: 1977-2000

Box 34, File 7
Date: 1989
Name of Creator: Susan D. Norman & Harry W. Orlady, editors.

Box 34, File 8
Title: 5.5.2 Electrical/Electronic—Folder 1
Date: 1955-1984

Box 34, File 9
Title: 5.5.2 Electrical/Electronic—Folder 2
Date: 1962-1973
Box 34, File 10
Title: 5.5.2 Electrical/Electronic—Folder 3
Date: 1959-1999

Box 34, File 11
Title: 5.5.2 Electrical/Electronic—Folder 4
Date: 1964-1994)

Box 34, File 12
Title: 5.5.2 Electrical/Electronic—Folder 5
Date: 1954-2000

Box 34, File 13
Title: 5.5.3 Fire Prevention/Control—Folder 1
Date: 1954-1978

Box 34, File 14
Title: 5.5.3 Fire Prevention/Control—Folder 2
Date: 1962-1974

Box 34, File 15
Title: 5.5.3 Fire Prevention/Control—Folder 3
Date: 1972-1999

Box 34, File 16
Title: 5.5.3 Fire Prevention/Control—Folder 4
Date: 1969-1998

Box 34, File 17
Title: 5.5.3 Fire Prevention/Control—Folder 5
Date: 1968-1984

Box 34, File 18
Title: 5.5.3 Fire Prevention/Control—Folder 6
Date: 1973-2001)

Box 34, File 19
Title: Federal Register (5.5.3 Fire Prevention/Control—Folder 7)
Date: 1986-1989

Box 34, File 20
Title: 5.5.4 Fuel—Folder 1
Date: 1954-1967

Box 34, File 21
Title: 5.5.4 Fuel—Folder 2
Date: 1954-1991

Box 34, File 22
Title: 5.5.4 Fuel—Folder 3
Date: 1963-1991

Box 34, File 23
Title: 5.5.4 Fuel—Folder 4
Date: 1968-1993

Box 35, File 1
Title: Fuel System Problems—Folder 1 (5.5.4 Fuel—Folder 5)
Date: 1970-1985

Box 35, File 2
Title: Fuel System Problems—Folder 2 (5.5.4 Fuel—Folder 6)
Date: 1960-1985

Box 35, File 3
Title: 5.5.5 Hydraulic/Pneumatic—Folder 1
Date: 1954-1974

Box 35, File 4
Title: 5.5.5 Hydraulic/Pneumatic—Folder 2
Date: 1963-1992

Box 35, File 5
Title: 5.5.6 Landing Gear—Folder 1
Date: 1960-1986

Box 35, File 6
Title: 5.5.6 Landing Gear—Folder 2
Date: 1956-1987

Box 35, File 7
Title: 5.5.6.1 Arresting Gear
Date: 1957-1968

Box 35, File 8
Title: 5.5.6.2 Brakes/Anti Skid
Date: 1980-1988

Box 35, File 9
Title: 5.5.6.3 Tires
Date: 1968-1996
Box 35, File 10
Title: Aircraft Tyre Safety (5.5.6.4 Wheels)
Date: 1997
Name of Creator: Bowyer, Mike and McKellar, Gavin
Scope and Content: This single item is from Flight Deck, a British Airways magazine. No place of publication is given.

Box 35, File 11
Title: 5.5.7 Lubrication
Date: 1977

Box 35, File 12
Title: 5.5.9 Propulsion Systems (General)
Date: 1964-2001

Box 35, File 13
Title: Nuclear Engines (5.5.9 Propulsion Systems)
Date: 1959-1968

Box 35, File 14
Title: 5.5.9.1 Jet Engines—Folder 1
Date: 1956-1967
Item
Title: T. O. 1C-97(K)(T)F-1 Fire: Engine Fire During Starting
Date: undated
Scope and Content: Set of guidelines with drawings of types of smoke seen and their indications for problems.
Existence and Location of Copies: The other paper copy of this item was deteriorating and was discarded. This copy was scanned and is available as an electronic copy.

Box 35, File 15
Title: 5.5.9.1 Jet Engines—Folder 2
Date: 1956-1992

Box 35, File 16
Title: 5.5.9.1 Jet Engines—Folder 3
Date: 1987-1997

Box 35, File 17
Title: 5.5.9.2 Propellors
Date: 1963-1987

Box 35, File 18
Title: 5.5.9.3 Reciprocating Engines
Date: 1963-1990
Box 35, File 19
Title: 5.5.9.4 Rocket Engines
Date: 1959-1967

Box 35, File 20
Title: 5.5.9.5 Turboprop Engines
Date: 1965-1992

Box 35, File 21
Title: 5.5.10 Surface Controls—Folder 1
Date: 1958-1992

Box 35, File 22
Title: 5.5.10 Surface Controls—Folder 2
Date: 1958-1971

Box 35, File 23
Title: 5.5.10 Surface Controls—Folder 3
Date: 1956-1982

Box 35, File 24
Title: 5.5.10 Surface Controls—Folder 4
Date: 1977-2000

Box 35, File 25
Title: 5.5.10.1 Automatic Flight Controls/Autopilot
Date: 1965-1998

Series 4, Subseries 7:

Title: 6.0 Design Support Functions
Date: 1945-2004
Extent: 9.75 linear feet
Scope and content: This section of Miller’s system of information retrieval, has to do with design (mainly aircraft) as it relates to various functions of aircraft and their operators. These functions or systems were listed by Miller as aerodynamics (including fluid dynamics, and stability and control), data processing (including software), aviation medicine (including especially the factors that affect pilots such as alcohol and hypoxia), chemistry, maintenance engineering, operations research, physics (including atomic physics and lasers), quality assurance and control, reliability, robotics, statistical analysis, the factors that affect structures (corrosion, materials, fatigue, etc.), systems effectiveness and engineering (including value engineering), and ways of studying these systems, such as technical publications and test and evaluation. The biggest group in this subseries is the “human factors” (6.5) segment, which was a specialty of Miller’s. As with all the files in this series, this subseries consists mainly of printed matter—periodicals and articles, conference brochures, pamphlets, booklets, and flyers. However, there are
substantial amounts of personal and business correspondence, unpublished papers by Miller and others, and Miller’s handwritten notes memorializing meetings, telephone calls, reviews of material, and conferences.

Box 35, File 26
Title: 6.1 Aerodynamics
Date: 1964-1985

Box 35, File 27
Title: 6.1.1 Aerodynamic Performance (General)—Folder 1
Date: 1945-1996

Box 35, File 28
Title: 6.1.1 Aerodynamic Performance (General)—Folder 2
Date: 1956-1993

Box 35, File 29
Title: 6.1.1 Aerodynamic Performance (General)—Folder 3
Date: 1971-1989

Box 35, File 30
Title: 6.1.4 Fluid Dynamics
Date: 1968-1976

Box 35, File 31
Title: 6.1.5 Stability and Control—Folder 1
Date: 1964-1988

Box 36, File 1
Title: 6.1.5 Stability and Control—Folder 2
Date: 1948-1980

Box 36, File 2
Title: 6.1.5 Stability and Control—Folder 3
Date: 1953-1980

Box 36, File 3
Title: 6.1.5 Stability and Control—Folder 4
Date: 1957-1975

Box 36, File 4
Title: 6.1.5 Stability and Control—Folder 5
Date: 1958-1979

Box 36, File 5
Title: 6.1.5 Stability and Control—Folder 6
Date: 1978-1980

Box 36, File 6
Title: 6.1.6 Stall/Sp—Folder 1
Date: 1974-1990

Box 36, File 7
Title: 6.1.6 Stall/Sp—Folder 2
Date: 1979-1993

Box 36, File 8
Title: 6.1.6 Stall/Sp—Folder 3
Date: 1979-1980

Box 36, File 9
Title: 6.1.6 Stall/Sp—Folder 4
Date: 1966-1982

Box 36, File 10
Title: 6.1.6 Stall/Sp—Folder 5
Date: 1964-1988

Box 36, File 11
Title: 6.2 ADP (Automatic Data Processing)
Date: 1966-1973

Box 36, File 12
Title: 6.2.1 Software Safety—Folder 1
Date: 1979-1987

Box 36, File 13
Title: 6.2.1 Software Safety—Folder 2
Date: 1981-1992

Box 36, File 14
Title: 6.2.1 Software Safety—Folder 3
Date: 1967-1998

Box 36, File 15
Title: 6.2.1 Software Safety—Folder 4
Date: 1983

Box 36, File 16
Title: 6.2.1 Software Safety—Folder 5
Date: 1981-1987
Box 36, File 17
Title: 6.2.1 Software Safety—Folder 6
Date: 1984-1989

Box 36, File 18
Title: 6.2.1 Software Safety—Folder 7
Date: 1988-2000

Box 37, File 1
Title: 6.3 Aviation Medicine—Folder 1
Date: 1961-1981

Box 37, File 2
Title: 6.3 Aviation Medicine—Folder 2
Date: 1967-1999

Box 37, File 3
Title: 6.3.1 Aging
Date: 1973-1991

Box 37, File 4
Title: 6.3.2 Alcohol/Drugs—Folder 1
Date: 1967-1994
Item
Title: Letter
Date: 2 September 1964
Name of Creator: K. Hagrup, Scandinavian Airlines System
Scope and Content: Letter to Jerome Lederer while at Flight Safety Foundation, Inc.

Box 37, File 5
Title: 6.3.2 Alcohol/Drugs—Folder 2
Date: 1969-1991

Box 37, File 6
Title: Federal Register (6.3.2 Alcohol/Drugs—Folder 3)
Date: 1992-1994
System of Arrangement: These government circulars were isolated from the other materials in 6.3.2 due to their composition—newsprint.

Box 37, File 7
Title: 6.3.3 First Aid
Date: 1961-1980

Box 37, File 8
Title: 6.3.4 Hypoxia/Hyperventilation
Date: 1956-1996
Box 37, File 9
Title: 6.4 Chemistry
Date: 1966

Box 37, File 10
Title: 6.5 Human Factors (Workload)—Folder 1 (6.5 Human Factors—Folder 1)
Date: 1969-1981

Box 37, File 11
Title: 6.5 Human Factors (Workload)—Folder 2 (6.5 Human Factors—Folder 2)
Date: 1967

Box 37, File 12
Title: 6.5 Human Factors (General)—Folder 1 (6.5 Human Factors—Folder 3)
Date: 1996-1999

Box 37, File 13
Title: 6.5 Human Factors (General)—Folder 2 (6.5 Human Factors—Folder 4)
Date: 1974-1999

Box 37, File 14
Title: 6.5 Human Factors (General)—Folder 3 (6.5 Human Factors—Folder 5)
Date: 1960-2001

Box 37, File 15
Title: 6.5 Human Factors—Folder 6
Date: 1957-1991

Box 37, File 16
Title: 6.5 Human Factors—Folder 7
Date: 1961-1990

Box 37, File 17
Title: 6.5 Human Factors—Folder 8
Date: 1964-1989

Box 37, File 18
Title: 6.5 Human Factors—Folder 9
Date: 1958-1984

Box 37, File 19
Title: 6.5 Human Factors—Folder 10
Date: 1958-1989

Item
Title: Human Factors in optimum system: performance, reliability, safety, cost
Date: undated
Extent: 5 folded, stapled sheets
Name of Creator: Chance Vought Aeronautics Division
Scope and Content: Promotional booklet, with picture and short resume of Miller on p. 15.

Box 37, File 20
Title: 6.5 Human Factors—Folder 11
Date: 1965-1985

Item
Title: Legal and Litigation Barriers to the Communication of Human Factors Safety Information
Date: November 1974
Name of Creator: Charles O. Miller
Scope and Content: This is a copy of a paper presented at the Flight Safety Foundation International Seminar in Williamsburg, Virginia. It is paper No. 64 on the publications list.

Existence and Location of Copies: The copy of this paper in Box 6, File 5, was scanned and is available electronically.

Box 37, File 20
Title: 6.5 Human Factors—Folder 12
Date: 1965-1980

Box 38, File 1
Title: 6.5 Human Factors—Folder 13
Date: 1963-1987

Box 38, File 2
Title: 6.5 Human Factors—Folder 14
Date: 1957-1988

Box 38, File 3
Title: 6.5 Human Factors—Folder 15
Date: 1978-1981

Box 38, File 4
Title: 6.5 Human Factors—Folder 16
Date: 1976-1989

Box 38, File 5
Title: 6.5 Human Factors—Folder 17
Date: 1975-1983

Item
Title: Some Principles of Aviation Accident Prevention
Date: May 1975
Name of Creator: Charles O. Miller
Scope and Content: Paper apparently presented at 4th Flight Safety Seminar, Kuala Lumpur, Malaysia. This appears to be paper No. 65, not included in the publications series.
Existence and Location of Copies: Copies also in Box 8, File 11, Seminar Notes—Misc—2 (1.0 Accident Prevention (General)—Folder 5) and Box 25, File 9, 3.8 Policies/Philosophies Folder 3.

Box 38, File 6
Title: 6.5 Human Factors—Folder 18
Date: 1961-1982

Box 38, File 7
Title: 6.5 Human Factors—Folder 19
Date: 1962-1963

Box 38, File 8
Title: 6.5 Human Factors—Information Transfer—Folder 1 (6.5 Human Factors—Folder 20)
Date: 1975-1986

Box 38, File 9
Title: 6.5 Human Factors—Information Transfer—Folder 2 (6.5 Human Factors—Folder 21)
Date: 1981-1990

Box 38, File 10
Title: 6.5 Human Factors—Folder 22
Date: 1980-1981

Box 38, File 11
Title: 6.5 Human Factors—Folder 23
Date: 1963-1989

Box 38, File 12
Title: 6.5 Human Factors—Folder 24
Date: 1960-1992

Box 38, File 13
Title: Accident Investigation/Human Factors (6.5 Human Factors—Folder 25)
Date: 1975-1986

Box 38, File 14
Title: 6.5 Human Factors—Folder 26
Date: 1981-1994
Box 38, File 15
Title: 6.5 Human Factors—Folder 27
Date: 1978-1981

Box 38, File 16
Title: 6.5 Human Factors—Folder 28
Date: 1973-1981
Item
Title: Legal and Litigation Barriers to the Communication of Human Factors Safety Information
Date: November 1974
Name of Creator: Charles O. Miller
Scope and Content: Apparently a copy of a paper presented at the Flight Safety Foundation International Seminar, Williamsburg, Virginia. This is publication No. 64 on the publications list.
Existence and Location of Copies: The copy in Box 6, File 5 was scanned and is available electronically. Another copy can be found in Box 37, File 20, 6.5 Human Factors, Folder 11.

Box 38, File 17
Title: 6.5 Human Factors—Folder 29
Date: 1963-1987

Box 38, File 18
Title: 6.5 Human Factors—Folder 30
Date: 1964-1987

Box 38, File 19
Title: 6.5 Human Factors—Folder 31
Date: 1969-1998

Box 38, File 17
Title: Human Factors Digest No. 4—Proceedings of the ICAO Human Factors Seminar (6.5 Human Factors—Folder 32)
Date: December 1990
Extent: 1 linear inch
Name of Creator: International Civil Aviation Organization
Scope and Content: This ICAO Circular 229-AN/137 from the conference in Leningrad, April 1990, was printed in Montreal, Quebec.
Languages and Scripts of the Material: French, Russian, Spanish, and English

Box 39, File 1
Title: Report of the flight safety, human factors and accident prevention regional seminar and workshop: Rio de Janeiro, Brazil, 29 November – 3 December 1993 (6.5 Human Factors—Folder 33)
Date: 1994 (estimated)
Extent:  1.5 linear inches
Name of Creator:  International Civil Aviation Organization
Scope and Content:  Conference proceedings assumed to have been published in 1994 given the date of the conference.
Languages and Scripts of the Material:  Spanish and English

Box 39, File 2
Title:  *U.S. Customs Air Crew Coordination Instructor Manual* (6.5 Human Factors—Folder 34)
Date:  Undated.
Scope and Content:  Manual annotated in handwriting from C & S Associates, published in Daleville, Alabama. This is one of two folders containing parts of this manual. The accompanying student manual follows in file 4.

Box 39, File 3
Title:  *U.S. Customs Air Crew Coordination Instructor Manual* (6.5 Human Factors—Folder 35)
Date:  Undated.
Scope and Content:  Manual annotated in handwriting from C & S Associates, published in Daleville, Alabama. This is one of two folders containing parts of this manual. The accompanying student manual follows in file 4.

Box 39, File 4
Title:  *U.S. Customs Air Crew Coordination Student Manual* (6.5 Human Factors—Folder 36)
Date:  Undated.
Scope and Content:  Manual annotated in handwriting from C & S Associates, published in Daleville, Alabama. This is related to Files 2 and 3.

Box 39, File 5
Title:  6.5 Human Factors—Folder 37
Date:  1989-1994

Box 39, File 6
Title:  6.5 Human Factors—Folder 38
Date:  1980

Box 39, File 7
Title:  A Marginal Punched Card System for Human Factors Data (6.5 Human Factors—Folder 39)
Date:  1960
System of Arrangement:  These diazotypes were removed from Box 38, File 13, so they could be isolated for preservation.

Box 39, File 8
Title:  6.5.1 Anthropometry
Box 39, File 9
Title: 6.5.2 Disorientation/Illusion—Folder 1
Date: 1959-1986

Box 39, File 10
Title: 6.5.2 Disorientation/Illusion—Folder 2
Date: 1958-1985

Box 39, File 11
Title: 6.5.2 Disorientation/Illusion—Folder 3
Date: 1951-1994

Box 39, File 12
Title: Sleep Deprivation Study (6.5.3 Fatigue—Folder 1)
Date: 1990

Box 39, File 13
Title: 6.5.3 Fatigue—Folder 2
Date: 1956-1986

Box 39, File 14
Title: 6.5.3 Fatigue—Folder 3
Date: 1969-1999

Box 39, File 15
Title: 6.5.4 Human Engineering/Ergonomics—Folder 1
Date: 1970-1986

Box 39, File 16
Title: 6.5.4 Human Engineering/Ergonomics—Folder 2
Date: 1961-1982

Box 39, File 17
Title: 6.5.4 Human Engineering/Ergonomics—Folder 3
Date: 1955-1997

Box 39, File 18
Title: 6.5.5 HPES (Human Performance Enhancement System)—Folder 1
Date: 1985-1998

Box 39, File 19
Title: 6.5.5 HPES (Human Performance Enhancement System)—Folder 2
Date: 1988-1990

Item
Title: Outline of Remarks Concerning INPO's Human Performance Evaluation System (HPES)
Date: 16 January 1990
Name of Creator: Charles O. Miller
Scope and Content: This is apparently a paper “presented at the INPO Advisory Council Meeting, Atlanta, GA.” The date given is that of presentation from the title page. “INPO” is the Institute of Nuclear Power Operations.

Box 39, File 20
Title: 6.5.5 HPES (Human Performance Enhancement System)—Folder 3
Date: 1989

Box 40, File 1
Title: 6.5.6 Human Reliability/Human Error—Folder 1
Date: 1973-1985

Box 40, File 2
Title: 6.5.6 Human Reliability/Human Error—Folder 2
Date: 1963-1984

Box 40, File 3
Title: 6.5.6 Human Reliability/Human Error—Folder 3
Date: 1966-1973

Box 40, File 4
Title: 6.5.6 Human Reliability/Human Error—Folder 4
Date: 1963-1985

Box 40, File 5
Title: 6.5.6 Human Reliability/Human Error—Folder 5
Date: 1957-1990

Box 40, File 6
Title: 6.5.6 Human Reliability/Human Error—Folder 6
Date: 1950-1985

Box 40, File 7
Title: 6.5.6 Human Reliability/Human Error—Folder 7
Date: 1961-1987

Box 40, File 8
Title: 6.5.6 Human Reliability/Human Error—Folder 8
Date: 1957-1990

Box 40, File 9
Title: 6.5.6 Human Reliability/Human Error—Folder 9
Date: 1962-1994

Box 40, File 10
Title: 6.5.6 Human Reliability/Human Error—Folder 10
Date: 1966-1987

Box 40, File 11
Title: 6.5.6 Human Reliability/Human Error—Folder 11
Date: 1965-1999

Box 40, File 12
Title: 6.5.6 Human Reliability/Human Error—Folder 12
Date: 1982-1995

Box 40, File 13
Title: 6.5.6 Human Reliability/Human Error—Folder 13
Date: 1984-1998

Box 40, File 14
Title: 6.5.6 Human Reliability/Human Error—Folder 14
Date: 1966-2001

Box 40, File 15
Title: 6.5.6 Human Reliability/Human Error—Folder 15
Date: 1963-1979

Box 40, File 16
Title: 6.5.6 Human Reliability/Human Error—Folder 16
Date: 1960-2000

Box 40, File 17
Title: 6.5.6 Human Reliability/Human Error—Folder 17
Date: January 1960

Box 40, File 18
Title: 6.5.7 Judgment/Decision-Making
Date: 1988-1992

Box 40, File 19
Title: 6.5.8 Physiology
Date: 1969-1992

Box 40, File 20
Title: 6.5.9 Psychology—Folder 1
Date: 1959-1996
Title: Behavior: Confessions of an Aerophobe  
Date: 26 July 1981  
Extent: 1 sheet  
Name of Creator: Le Pacini  
System of Arrangement: This article (newsprint) was removed to Box 49, File 3, with a plain-paper copy returning in this file.

Scope and Content: Stapp is writing from the United States Air Force Headquarters of the Aerospace Medical Division at Brooks Air Force Base in Texas, as “Deputy Chief Scientist.” The letter is apparently a reply to a request by Miller as to research done into “man’s reaction time under stress relating to fear, panic, or anxiety, concerning impending disaster.” Stapp also mentions a dinner invitation from Miller.
Date: 1959-1981

Box 41, File 7
Title: Federal Register (6.5.12 Task Analysis—Folder 2)
Date: 25 May 1989
Scope and Content: This is Part VII, Department of Transportation, Federal Aviation Administration, “14 CFR Parts 61, 141, and 143, Pilot and Flight Instructor, Pilot School, and Ground Instructor Certification,” etc.
System of Arrangement: Removed and isolated from other materials on this topic as newsprint.

Box 41, File 8
Title: 6.5.13 Vision—Folder 1
Date: 1960-1986

Box 41, File 9
Title: 6.5.13 Vision—Folder 2
Date: 1965-1998

Box 41, File 10
Title: 6.5.14 Warnings
Date: 1980-1998

Box 41, File 11
Title: 6.6 Maintainability/Maintenance Engineering—Folder 1
Date: 1961-1964

Box 41, File 12
Title: 6.6 Maintainability/Maintenance Engineering—Folder 2
Date: 1962-1981

Box 41, File 13
Title: 6.6 Maintainability/Maintenance Engineering—Folder 3
Date: 1962-1978

Box 41, File 14
Title: 6.6 Maintainability/Maintenance Engineering—Folder 4
Date: 1961-1997

Box 41, File 15
Title: 6.7 Operations Research
Date: 1977-1982

Box 41, File 16
Title: 6.8 Physics
Date: 1964
Scope and Content: The single sheet in this file is a handwritten reference only to a publication.

Box 41, File 17
Title: 6.8.1 Atomic/Nuclear Energy
Date: 1966-1968

Box 41, File 18
Title: 6.8.2 Lasers—Folder 1
Date: 1965-1983

Box 41, File 19
Title: 6.8.2 Lasers—Folder 2
Date: 1967-1998

Box 41, File 20
Title: Conference Documentation: Assurance Technologies—the New Wave (6.9 Quality Assurance/Control—Folder 1)
Date: 1981
Scope and Content: This proceedings document lists the schedule and includes the full-text papers for this conference of the American Institute of Aeronautics & Astronautics and American Society for Quality Control, held on September 17-22, 1981, in Washington, DC, and Boston, Massachusetts.

Box 41, File 21
Title: 6.9 Quality Assurance/Control—Folder 2
Date: 1960-1967

Box 41, File 22
Title: 6.9 Quality Assurance/Control—Folder 3
Date: 1965-1996

Box 42, File 1
Title: 6.9.1 Non Destructive Testing—Folder 1
Date: 1965-1992

Box 42, File 2
Title: 6.9.1 Non Destructive Testing—Folder 2
Date: 1974 (est.)-1998
Item
Title: Oil Analysis May have Saved President’s Plane From Disaster
Date: 26 December 1964
Extent: 1 sheet
Name of Creator: John G. Norris
Scope and Content: This newsprint copy of an article from the Houston Globe was isolated in Box 49, File 9 after a copy was placed in this file.
Box 42, File 3
Title: 6.9.2 Spectrometric Oil Analysis—Folder 1
Date: 1962-1967

Box 42, File 4
Title: 6.9.2 Spectrometric Oil Analysis—Folder 2
Date: 1964-1966

Box 42, File 5
Title: 6.10 Reliability—Folder 1
Date: 1957-1978

Box 42, File 6
Title: 6.10 Reliability—Folder 2
Date: 1959-1987

Box 42, File 7
Title: 6.10 Reliability—Folder 3
Date: 1989-1991

Box 42, File 8
Title: 6.10 Reliability—Folder 4
Date: 1961-1993

Box 42, File 9
Title: 6.10.1 Failure Reporting/Analysis—Folder 1
Date: 1962-1995
Item
Title: Historical Test Record Form A
Date: 1962-1982
Extent: 2 sheets
Scope and Content: The form is accompanied by with sample test summary sheet and instructions.
Physical Access: Filed in oversize box (Box 53).

Box 42, File 10
Title: 6.10.1 Failure Reporting/Analysis—Folder 2
Date: 1964-1995
Item
Title: Service Difficulty Report Computer Printout Reader Template
Date: undated
Extent: 18 sheets
Name of Creator: North American Aviation, Inc.
Scope and Content: With analysis sheets.
Item  
Title: Service Difficulty Program Coding Sheet  
Date: undated  
Extent: 1 sheet  
Physical Access: Filed in Miller Legal Size, Box 50

Box 42, File 11  
Title: Failure and Usage Data Reports  
Date: 1962  
Extent: 18 sheets  
Name of Creator: North American Aviation, Inc.  
Scope and Content: With analysis sheets.  
Physical Access: These are diazotypes, and the originals are isolated in this file from File 9.

Box 42, File 12  
Title: 6.10.3 Reliability Analysis—Folder 1  
Date: 1954-1989  
Item  
Title: Aero-Space Division Saturn Program Proposal  
Item  
Title: Does MTBF Measure Reliability?  
Extent: 1 sheet  
Physical Access: This copy is nearly illegible.

Box 42, File 13  
Title: 6.10.3 Reliability Analysis—Folder 2  
Date: 1960  
System of Arrangement: These are diazotypes isolated in this file.  
Item  
Title: Reliability Tables for Stress and Strength as Normal Distributions  
Item  
Title: A Reliability Solution by use of Automatic Reliability Mathematical Model (ARMM)  
Item  
Title: Methods of Solving the Reliability Problem  
Extent: 4 sheets  
Title: Some Aspects of a Method for the Prediction of Operational Reliability  
Item  
Title: Grose’s Reliability “Numerology” Presentation Charts  
Extent: 15 sheets  
Item  
Title: Summary Report of Reliability-Safety Analysis Methodology for Manned Space Vehicles  
Extent: 3 sheets
Scope and Content: Only figures 1, 8, and 9 (pages 4, 17, and 19) are in this file. The other pages are in File 12.

Box 42, File 14
Title: 6.10.4 Reliability Management and Control—Folder 1
Date: 1960-1963
Item
Title: Reliability Is a Management Function
Extent: 3 sheets

Item
Title: Presentation to the Second Navy-Industry Conference on Aeronautical Material Reliability
Physical Access: Removed to photograph box, Box 51.

Item
Title: reliability management at boeing airplane company aero-space division
Scope and Content: Company brochure.
Physical Access: Removed to oversize Box 53.

Box 42, File 15
Title: Saturn S-IB Reliability Program Plan (6.10.4 Reliability Management and Control—Folder 2)
Extent: 30 sheets
Physical Access: These are diazotypes isolated in this file from File 14.

Box 42, File 16
Title: 6.10.5 Reliability Specifications—Folder 1
Date: 1963

Box 42, File 17
Title: Reliability Monitoring Program for use in the Design, Development, and Production of Air Weapon Systems and Support Systems (6.10.5 Reliability Specifications—Folder 2)
Date: 11 May 1959
System of Arrangement: These are diazotypes isolated here for preservation.

Box 42, File 18
Title: 6.10.6 Sub Contractor Reliability
Date: 1970

Box 42, File 19
Title: 6.11 Robotics
Date: 1983-1996

Box 42, File 20
Title: 6.12 Statistical Analysis Methods—Folder 1
Date: 1964-1988
Item
Title: Letter to AOPA
Date: 3 May 1965
Extent: 1 sheet
Name of Creator: Charles O. Miller with comments by Jerome Lederer
Scope and Content: This is a carbon copy of a letter with extensive handwritten comments, front and back, in pencil, by “JL.” “JL” is presumably Jerome Lederer, since Miller has written at the top right “To Mr Lederer” and “Any comments, Jerry?” with his initials, “CO.” Miller wrote to the AOPA regarding statistics in their Confidential Newsletter for April 1965 that he would like to know their source.

Box 42, File 21
Title: 6.12 Statistical Analysis Methods—Folder 2
Date: 1951-2004

Box 42, File 22
Title: Quantification of Accident Data
Date: 11 March 1963
Extent: 16 sheets
Name of Creator: North American Aviation, Inc.
System of Arrangement: These diazotypes were removed from File 21 for isolation.

Box 42, File 23
Title: 6.13 Structures—Folder 1
Date: 1958-1987
Item
Title: Investigation of Aircraft Accidents Involving Structures, Systems and Components

Box 42, File 24
Title: 6.13 Structures—Folder 2
Date: 1968-1999

Box 42, File 25
Title: 6.13.1 Corrosion
Date: 1964-1993
Item
Title: Maintenance Tips
Date: 1964
Name of Creator: McDonnell Corporation

Box 42, File 26
Title: 6.13.2 Fasteners/Couplings—Folder 1
Date: 1956-1979
Item
Title: Precision Fastening Systems for the Aerospace Industry
Date: Undated
Extent: 1 booklet
Name of Creator: Standard Pressed Steel Co., Precision Fastener Division
Languages and Scripts of the Material: French, German, and English

Box 43, File 1
Title: 6.13.2 Fasteners/Couplings—Folder 2
Date: 1967-1998

Box 43, File 2
Title: 6.13.3 Fatigue (Structural)—Folder 1
Date: 1955-1982

Box 43, File 3
Title: 6.13.3 Fatigue (Structural)—Folder 2
Date: 1966-1998

Box 43, File 4
Title: 6.13.5 Materials
Date: 1954-1991
Item
Title: Tempil Basic Guide to Ferrous Metallurgy
Physical Access: Removed to oversize box.

Item
Title: ASRDI Oxygen Technology Survey Volume VII: Characteristics of Metals That Influence System Safety
Physical Access: The microfiche supplemental to this item were removed to the photograph box, Box 51.

Box 43, File 5
Title: 6.13.6 Welding
Date: 1965-1968

Box 43, File 6
Title: 6.14 Systems Effectiveness—Folder 1
Date: 1959-1965
Item
Title: Industry
Date: 6 November 1964
Scope and Content: This is an article from *Time*, pp. 93-94.

Box 43, File 7
Title: 6.14 Systems Effectiveness—Folder 2
Date: 1959-1990

Box 43, File 8
Title: 6.14 Systems Effectiveness—Folder 3  
Date: 1961-1968  

Item  
Title: Phase II Product Effectiveness Network  
Date: undated  
Name of Creator: A. N. Pozner  
Scope and Content: Accompanies “Interdepartmental Correspondence” from Pozner on Hughes Aircraft Company stationery.

Item  
Title: Maintenance Analysis & Evaluation  
Date: Undated  
Extent: 5 blank forms  
Name of Creator: Chance Vought Corp.

Box 43, File 9  
Title: 6.14 Systems Effectiveness—Folder 4  
Date: 1960-1974  

Item  
Title: Requirements Allocation Sheet  
Date: undated  
Name of Creator: Douglas Aircraft Company, Inc.  
Scope and Content: This is a blank form.

Item  
Title: End Item Maintenance Sheet  
Date: Undated  
Name of Creator: Douglas Aircraft Company, Inc.  
Scope and Content: This is a blank form.

Item  
Title: Facility Interface Sheet  
Date: Undated  
Name of Creator: Douglas Aircraft Company, Inc.  
Scope and Content: This is a blank form.

Box 43, File 10  
Title: 6.14 Systems Effectiveness—Folder 5  
Date: 1958-1963

Box 43, File 11  
Title: 6.14 Systems Effectiveness—Folder 6  
Date: 1964  
System of Arrangement: These are diazotypes removed for isolation from Files 6 and 9.

Item  
Title: Whither Reliability? A State-of-the-Art Report  
Date: 29 June 1964-2 July 1964  
Name of Creator: John de S. Coutinho and Frank A. Thompson
Scope and Content: This item is labeled a “draft” of a presentation to be given at the AIAA Annual Meeting and Technical Display at the Sheraton Park Hotel in Washington, DC. The dates are the dates given for the conference on the title page. The authors are affiliated with (Coutinho) Grumman Aircraft Engineering Corporation and AIAA Technical Committee on Reliability and Maintainability (Past Chairman); and (Thompson) Martin Company, Denver Division, and the AIAA Committee as with Coutinho (Chairman).

Item
Title: Address by Assistant Secretary of Defense Charles J. Hitch
Date: 1964
Name of Creator: Charles J. Hitch
Scope and Content: This was apparently presented at the SAE-ASME-AIAA Aerospace Reliability and Maintainability Conference, Washington, DC.

Box 43, File 12
Title: 6.15 Systems Engineering
Date: 1968-1990

Box 43, File 13
Title: Notes on System Engineering Management
Scope and Content: These appear to be copies of transparencies used in a presentation.
System of Arrangement: These diazotypes were isolated here from File 12.

Box 43, File 14
Title: 6.16 Technical Publications—Folder 1
Date: 1979

Box 43, File 15
Title: untitled (6.16 Technical Publications—Folder 2)
Date: undated
Scope and Content: These pages appear to have been removed from a longer document. They outline the capabilities of Bray Studios, Inc., New York, New York
System of Arrangement: These diazotypes were isolated here from File 14.

Box 43, File 16
Title: 6.17 Test and Evaluation
Date: 1963-1969

Box 43, File 17
Title: 6.18 Value Engineering
Date: 1959-1964

Series 4, Subseries 8:

Title: 7.0 Reference Information
Date: 1930-2001
Extent: 5 linear feet
Scope and Content: This is the last group in Miller’s system of information retrieval, which he labeled “Reference Information.” This subseries thus contains files having to do with accident reports/indexes, bibliographies, book reports, legal cases (with some specific cases singled out for attention), glossaries/symbols, handbooks, historical information, “miscellaneous reading,” lists of and information about consultants, statistical data, topographical maps and aeronautical charts, and information systems, including indexes and coding systems. As with all the files in this series, this subseries consists mainly of printed matter—periodicals and articles, conference brochures, pamphlets, booklets, and flyers. However, there are substantial amounts of personal and business correspondence, unpublished papers by Miller and others, and Miller’s handwritten notes memorializing meetings, telephone calls, reviews of material, and conference notes.

Box 43, File 18
Title: 7.1 Accident Reports/Indexes—Folder 1
Date: 1989

Box 43, File 19
Title: 7.1 Accident Reports/Indexes—Folder 2
Date: 1941-1969

Box 43, File 20
Title: 7.2 Bibliographies—Folder 1
Date: 1961-1989

Box 43, File 21
Title: 7.2 Bibliographies—Folder 2
Date: 1962-1966

Box 43, File 22
Title: 7.2 Bibliographies—Folder 3
Date: 1963-1988
Item
Title: References: Human Body Centers of Gravity
Date: Undated
Name of Creator: none given
Item
Title: Safety Library References
Date: Undated
Name of Creator: Douglas Aircraft Division

Box 43, File 23
Title: 7.2 Bibliographies—Folder 4
Date: 1964-1967
Item
Date: Undated
Name of Creator: National Transportation Safety Board

Box 43, File 24
Title: 7.2 Bibliographies—Folder 5
Date: 1969-1975

Box 43, File 25
Title: 7.2 Bibliographies—Folder 6
Date: 1966
System of Arrangement: These diazotypes were isolated from other folders on this topic.

Box 43, File 26
Title: 7.3 Book Reports
Date: 1966-1967

Box 43, File 27
Title: 7.4 Cases (Miscellaneous)—Folder 1
Date: 1989-1991

Box 44, File 1
Title: 7.4 Cases (Miscellaneous)—Folder 2
Date: 1990-1999
Item
Title: Problems Beset Marines in Accident
Date: 11 November 1998
Extent: 1 sheet
Name of Creator: Matthew L. Wald
Scope and Content: This is an article from The New York Times, , p. A19.
Item
Title: Tomahawk on Trial
Date: 1 February 1996
Extent: 5 sheets
Scope and Content: This is a copy of an article from Aviation Safety, pp. 1-5, Vol. XVI, No. 3.
Item
Title: FAA Orders Airlines to Inspect Pins That Secure 747 Engines
Date: 10 October 1992
Extent: 1 sheet
Name of Creator: Don Phillips
Scope and Content: This is an article from The Washington Post, p. A3.
Item
Title: Summary: Boeing 747 Fuse Pin Airworthiness Directive

The Charles O. Miller Collection  November 22, 2006  Page 148 of 198
Date: 10 October 1992
Extent: 8 sheets
Scope and Content: This is a fax from the Federal Aviation Administration Office of Public Affairs from Bob Buckhonn(?) to J. Hannifin, “Time” (presumably Time Magazine).

Item
Title: SprintMail messaging service messages
Date: 8 October 1992
Extent: 3 oversized sheets
Scope and Content: These are printouts of communications from J. Hannifin, apparently on the subject “Are They Safe?” They include extensive quotations by Miller on the safety of fuse pins.

Box 44, File 2
Title: 7.4 Cases (Miscellaneous)—Folder 3
Date: 1985-1996

Box 44, File 3
Title: 7.4 Cases (Miscellaneous)—Folder 4
Date: 1974-2001
Item
Title: Arrow Air Inc. Douglas DC-8-63 N950JW Gander International Airport, Newfoundland: Dissenting Opinion
Date: 12 December 1985
Name of Creator: Canadian Aviation Safety Board
Scope and Content: A dissenting opinion from the official report by N. Bobbitt, L. Filotas, D. Mussallem, and R. Stevenson
Item
Title: “Can’t call wolf on everything”
Date: 4 March 1989
Extent: 2 sheets
Name of Creator: Eric Nalder
Scope and Content: Article from The Arizona Republic, “In Focus” section, p. 2
Item
Title: Jet’s crew says it was too busy with problems to be afraid
Date: 4 March 1989
Extent: 1 sheets
Name of Creator: United Press International
Scope and Content: Article from The Arizona Republic, “In Focus” section, p. 2, following on the previous item.
Item
Title: Callback
Date: February 2001
Extent: 1 sheet
Name of Creator: National Aviation and Space Administration
**Scope and Content:** This is a periodical “from NASA’s Aviation Safety Reporting System” No. 258, article of interest “The Experience-Procedures Feedback Loop”

**Box 44, File 4**
**Title:** 737-400 U.S. Air Accident LGA 9/20/89 Cases (7.4 Cases (Miscellaneous)—Folder 5)
**Date:** 1989

**Box 44, File 5**
**Title:** Cases NY F28 Acc. 22 Mar 92 (7.4 Cases (Miscellaneous)—Folder 6)
**Date:** 1992
**Item**
**Title:** De-Icing Report on Crash Plane Was Ignored
**Date:** date illegible or not included
**Scope and Content:** This is a faxed copy of a portion of the letters to the editor page of the New York Times, with handwritten note to Miller.

**Box 44, File 6**
**Title:** Aloha Case Study (7.4 Cases (Miscellaneous)—Folder 7)
**Date:** 1988
**Item**
**Title:** Geriatric Jets: Too old to fly?
**Date:** undated
**Name of Creator:** Byron Acohido
**Scope and Content:** Article from the Seattle Times, pp. A1 and A16.
**Existence and Location of Copies:** A portion of this article has been preserved in Box 49, isolated as newsprint, for reference to the color graphic.

**Box 44, File 7**
**Title:** Geriatric Jets: Are they too old to fly?
**Date:** 19 June 1988
**Name of Creator:** Seattle Times Company
**Scope and Content:** Article from the Seattle Times, pp. E1, E6, and E7
**Existence and Location of Copies:** The original article has been preserved in Box 49, isolated as newsprint.

**Box 44, File 8**
**Title:** NTSB Documents (7.4 Cases (Miscellaneous)—Folder 8)
**Date:** 1974-1976

**Box 44, File 9**
**Title:** UAL DC-10 Sioux City 20 July 889 Cases (7.4 Cases (Miscellaneous)—Folder 9)
**Date:** 1989-1992
**Item**
**Title:** Affidavit of C. O. Miller
**Date:** 2 September 1989
**Name of Creator:** Charles O. Miller
Scope and Content: Includes 2 copies, one signed, re airworthiness of DC-10.
Item
Title: Flight 232: Countdown to Crisis
Date: 21 July 1989
Extent: 13 sheets
Name of Creator: Melissa Healy and others
Scope and Content: Articles from Los Angeles Times, starting with the above title, include several pages from the same issue, with different headlines and foci. Part I, pp. 1, 20 and 23, with related story “Crash Raises Debate Over Stronger Engine Casing Vs. Weight Problems” on Part I, page 21.
Existence and Location of Copies: The original articles have been preserved in Box 49.

Box 44, File 9
Title: 7.4.2 DC-10 (Paris)—Folder 1
Date: 1972-1991
Item
Title: Letter
Date: 13 May 1974
Extent: 1 sheet
Name of Creator: Charles O. Miller
Scope and Content: Carbon copy of letter from Miller to Mrs. John P. Carroll, Jr. in which he expresses the opinion that “I now expect to become separated from my current position” as head of the Aviation Safety Bureau of the NTSB due to “appearances before a United States Senate Committee in which I voiced concern and disgust over certain practices within our government which I did not believe to be in the interest of public safety.”
Physical Access: Temporarily removed to Box 49, File 31, for preservation scanning.

Box 44, File 10
Title: Paris DC-10 . . . Misc Lecture Notes/Film Notes (7.4.2 DC-10 [Paris]—Folder 2)
Date: 1975-1987

Box 44, File 11
Title: Paris DC-10 . . . Misc Lecture Notes/Film Notes (7.4.2 DC-10 [Paris]—Folder 3)
Date: 1974-1979

Box 44, File 12
Title: Paris DC-10 NTSB Internal Documents (7.4.2 DC-10 [Paris]—Folder 4
Date: 1974-1989
Item
Title: To “operators of Douglas DC10 series”
Date: 7 March 1974
Name of Creator: Federal Aviation Administration
Scope and Content: This is a copy of a teletype message.

Box 44, File 13
Title: 7.4.2 DC-10 [Paris]—Folder 5
Date: 1974

Box 44, File 14
Title: Mitsubishi MU-2 Special Certification Review (SCR) Program by US Department of Transportation, Federal Aviation Administration (Part 1) (7.4.3 MU-2—Folder 1)
Date: 1984

Box 44, File 15
Title: Mitsubishi MU-2 Special Certification Review (SCR) Program by US Department of Transportation, Federal Aviation Administration (Part 1) (7.4.3 MU-2—Folder 2)
Date: 1984

Box 44, File 16
Title: 7.4.3 MU-2—Folder 3
Date: 1981-1987

Box 44, File 17
Title: 7.4.3 MU-2—Folder 4
Date: 1981-1994

Box 44, File 18
Title: 7.5 Glossaries/Symbols—Folder 1
Date: 1958-1974

Box 44, File 19
Title: 7.5 Glossaries/Symbols—Folder 2
Date: 1965-1974

Box 44, File 20
Title: 7.5 Glossaries/Symbols—Folder 2
Date: 1969-1979

Box 44, File 21
Title: 7.6 Handbooks
Date: 1964-1997

Item
Title: Fables My Handbook Told Me--Good advice for pilots about their aircraft flight manuals: don’t believe everything you read
Date: 1 March 1980
Name of Creator: Aviation Consumer
Scope and Content: Article about how “book performance” may differ radically from tested performance in such areas as takeoff distance, rate of climb, stall speed, etc. The “case history” concerns a 1968 Cessna Cardinal.

Item
Title: Follow up …
This short summary as of the given date of the different stories as to the origins of “Murphy’s Law” is annotated in Miller’s handwriting and signed with his initials (“COM”). The annotation reads “Stapp’s Law (as told in one of his speeches, circa 1960) was “If something is done wrong, Stapp will do it,” referring to Dr. John Paul Stapp.

Box 44, File 22
Title: 7.7 Historical—Folder 1
Date: 1930-2001
Date note: One item from 1972 is a reissue of a 1917 document.

Box 44, File 23
Title: 7.7 Historical—Folder 2
Date: 1956-1968

Box 45 File 1
Title: 7.7 Historical—Folder 3
Date: 1940-1991

Box 45 File 2
Title: 7.7 Historical—Folder 4
Date: 1958-1986

Box 45 File 3
Title: 7.7 Historical—Folder 5
Date: 1957-1989

Item
Title: War! Oahu Bombed by Japanese Planes
Date: reproduction from 7 December 1941
Extent: 20 sheets or original is 3 newspaper sheets
Name of Creator: Honolulu Star Bulletin
Physical Access: Original removed to Box 49 for exhibit purposes.
Existence and Location of Copies: Scanned and available electronically, with a printed copy in this file.

Item
Title: Report of U. S. Navy-Industry Conference on Aeronautical Material Safety and Reliability Sponsored by the Naval Aviation Safety Center at the Naval Air Station, Norfolk, Virginia
Date: 3-5 December 1957 (conference dates)
Extent: 6 sheets
Scope and Content: Only the first six pages of this document were found.
Physical Access: Original removed to Box 50 due to legal size paper.
Box 45 File 4
Title: 7.7 Historical—Folder 6
Date: 1930-2001
Item
Title: 25 Years Ago: A Day for Heroes
Date: 5 August 1967
Extent: 1 sheet
Scope and Content: This is a copy of an article from the Buffalo Evening News.
Item
Title: Profile: “Fireball” Fisher is an aviation ace
Date: 5 July 1989
Extent: 1 sheet
Scope and Content: This was found with the above article from the Buffalo Evening News and may be from the same newspaper.
Physical Access: Located in Box 50 due to legal size.
Existence and Location of Copies: This was scanned and is available electronically.
Item
Title: Letter
Date: 6 September 1994
Extent: 1 sheet
Name of Creator: Charles O. Miller
Scope and Content: Letter to editors of The Macintosh Bible” re origin of “Murphy’s Law,” with handwritten notes, stating he never knew a Capt. Murphy or a George Nichols at Edwards Air Force Base.

Box 45 File 5
Title: 7.8 Information Systems
Date: 1978-1998
Item
Title: System Safety Checklist
Date: September 1983
Physical Access: Oversize portions located in Oversize Box.
Item
Title: Tailored System Safety Checklist (CDR)
Date: September 1983
Physical Access: Oversize portions located in Oversize Box.
Item
Title: Peacekeeper Weapon System Master System Safety Checklist Preparation Procedures
Date: September 1983
Physical Access: Oversize portions located in Oversize Box.

Box 45 File 6
Title: 7.8.1 Accident Codes
Date: 1969-1987
Physical Access: Located in Oversize Box.
Item
Title: Federal Aviation Administration Accident/Incident Code Table: Phase of Flight
Date: undated
Physical Access: Located in Oversize Box.
Item
Title: Federal Aviation Administration Accident/Incident Code Table: Accident/Incident Type
Date: undated
Scope and Content: This table uses “Field Entry” and “Description” data.
Physical Access: Located in Box 50, due to legal size.
Item
Title: Index: Other Key Words
Date: undated
Scope and Content: With handwritten note, “ASRS.”
Physical Access: Located in Box 50, due to legal size.
Item
Title: Accident/Incident Reporting Manual
Date: 1987
Name of Creator: International Civil Aviation Organization
Scope and Content: Also known as the ADRep Manual,” 2nd edition.

Box 45 File 7
Title: 7.8.2 ASRS (Aviation Safety Reporting System)—Folder 1
Date: 1975-1992
Item
Title: Callback
Date: January 1992
Extent: 1 sheet
Name of Creator: National Air and Space Administration
Scope and Content: This newsletter is labeled “from NASA’s Aviation Safety Reporting System,” is No. 152, and features article, “The ice was here, the ice was there, The ice was all around.”
Physical Access: Removed to Box 50 due to legal size.
Item
Title: Figure 4.1 Major Features of NASA’s ASRS Program
Date: undated
Extent: 1 sheet
Name of Creator: National Air and Space Administration
Scope and Content: Marked in handwriting “early system.”
Physical Access: Removed to oversize box.
Box 45 File 8
Title: 7.8.2 ASRS (Aviation Safety Reporting System)—Folder 2
Date: 1980-1998
Item
Title: Incident Report to NASA
Date: 11 July 1988
Extent: 1 sheet
Name of Creator: Charles O. Miller
Scope and Content: The form is from NASA, the report from Miller.
Physical Access: Removed to Box 49 temporarily for preservation scanning.

Item
Title: Callback
Date: April 1991
Extent: 1 sheet
Name of Creator: National Air and Space Administration
Scope and Content: This issue is No. 143, “The Bottom line: ASRS Works!”
Physical Access: Removed to Box 50 due to legal size

Item
Title: Callback
Date: July 1993
Extent: 1 sheet
Name of Creator: National Air and Space Administration
Scope and Content: This issue is No. 170.
Physical Access: Removed to Box 50 due to legal size

Item
Title: Callback
Date: June 1996
Extent: 1 sheet
Name of Creator: National Air and Space Administration
Scope and Content: This issue is No. 204, and includes the article, “ASRS Celebrates Its 20th Birthday”
Physical Access: Removed to Box 50 due to legal size

Item
Title: Callback
Date: August 1998
Extent: 1 sheet
Name of Creator: National Air and Space Administration
Scope and Content: This issue is No. 230, and includes the marked story “ASRS Database Reports on the Web.”
Physical Access: Removed to Box 50 due to legal size

Box 45 File 9
Title: 7.8.3 Film Indexes—Folder 1
Date: 1965-1986
Box 45 File 10
Title: Learning Resources Department Audio-Visual Catalog (7.8.3 Film Indexes—Folder 2)
Date: undated
Name of Creator: Embry-Riddle Aeronautical University
Scope and Content: Place of publication is given as Prescott, Arizona.

Box 45 File 11
Title: 7.8.4 Publication Indexes—Folder 1
Date: 1962-1967

Box 45 File 12
Title: 7.8.4 Publication Indexes—Folder 2
Date: 1964-1982

Box 45 File 13
Title: 7.8.4 Publication Indexes—Folder 3
Date: 1963-1985

Box 45 File 14
Title: 7.8.4 Publication Indexes—Folder 4
Date: 1969-1990

Box 45 File 15
Title: 7.8.4 Publication Indexes—Folder 5
Date: 1959-1996

Box 45 File 16
Title: 7.8.4 Publication Indexes—Folder 6
Date: 1961-1966

Box 45 File 17
Title: 7.8.4 Publication Indexes—Folder 7
Date: 1962-1966

Box 46, File 1
Title: 7.8.4 Publication Indexes—Folder 8
Date: 1965-2001

Box 46, File 2
Title: 7.8.4 Publication Indexes—Folder 9
Date: 1981-1984

Box 46, File 3
Title: 7.8.4 Publication Indexes—Folder 10
Date: 1974
Box 46, File 4
Title: 7.9 Miscellaneous Reading—Folder 1
Date: 1969-1995

Box 46, File 5
Title: 7.9 Miscellaneous Reading—Folder 2
Date: 1974-2001

Box 46, File 6
Title: 7.10 Safety Knowledgeable Personnel
Date: 1946-1988
Item
Title: Seashore Searcher
Date: undated
Extent: 3 sheets
Name of Creator: Betty Woolley
Scope and Content: This is a copy of pages 1-6 of the newspaper magazine Panorama from the Everett Herald/Western Sun with color photograph of Amos Wood on cover, black-and-white photographs inside.
Existence and Location of Copies: Scanned and available electronically. Original moved to Box 49 for isolation of newsprint.

Box 46, File 7
Title: 7.10.1 Bruggink—Folder 1
Date: 1975-1993
Item
Title: True Pilot Error
Date: April 1966
Extent: 2 sheets
Name of Creator: Gerard M. Bruggink
Scope and Content: This is a copy of U. S. Army Aviation Digest, pp. 46-48.

Box 46, File 8
Title: 7.10.1 Bruggink—Folder 2
Date: 1970-1991

Box 46, File 9
Title: 7.10.1 Bruggink—Folder 3
Date: 1974-2001
Item
Title: Presentation at the Graduation Ceremony of Dutch Trainees IERW 98-12
Date: July 1999
Name of Creator: Gerard M. Bruggink
Box 46, File 11
Title: 7.10.2 Consultants (General)—Folder 2
Date: 1976-1984

Box 46, File 12
Title: 7.10.2 Consultants (General)—Folder 3
Date: 1989-1996

Box 46, File 13
Title: 7.10.2 Consultants (General)—Folder 4
Date: 1978-1996

Box 46, File 9
Title: 7.10.1 Bruggink—Folder 3
Date: 1974-2001
Item
Title: Presentation at the Graduation Ceremony of Dutch Trainees IERW 98-12
Date: July 1999
Name of Creator: Gerard M. Bruggink

Box 46, File 16
Title: 7.10.3 Lederer
Date: 1975-2001

Box 46, File 17
Title: 7.11 Statistical Data—Folder 1
Date: 1965-1994

Box 46, File 18
Title: 7.11 Statistical Data—Folder 2
Date: 1965-1994

Box 46, File 19
Title: 7.11 Statistical Data—Folder 3
Date: 1944-1997
Item
Title: Aviation Safety Progress Report
Date: Undated
Scope and Content: Only “VIII. Conclusion” from this report is included. There is no attribution. This section includes graphs, with “P-38, P-39, P040, P-47, P-51 All Accidents; “PT-13 and PT-17, PT-19 All Accidents; and “AT-17 C-78, AT-10, AT-7, AT-11, C-45 All Accidents.”
Box 46, File 20  
Title:  7.11 Statistical Data—Folder 4  
Date:  undated  
Scope and Content: These diazotypes were apparently intended to go with the overlays (marked) in file 18. They have been isolated here for preservation purposes.

Box 47, File 1  
Title:  7.11 Statistical Data—Folder 5  
Date:  1994-1998

Box 47, File 2  
Title:  7.11 Statistical Data—Folder 6  
Date:  1989-1999  
Item  
Title:  Insight—Fear of Flying: How Safe Are the Nation’s Airways?  
Date:  20 August 1989  
Name of Creator:  Curt Suplee  
Scope and Content: Article from the Washington Post.

Box 47, File 3  
Title:  7.11 Statistical Data—Folder 7  
Date:  1945-1995  
Item  
Title:  Safety in Aircraft Design  
Date:  October 1945  
Name of Creator:  Headquarters AAF, Office of Flying Safety.  
Scope and Content: A publication from Winston-Salem, North Carolina.

Box 47, File 4  
Title:  7.11 Statistical Data—Folder 8  
Date:  1971-2001

Box 47, File 5  
Title:  7.12 Topographical Maps/Aeronautical Charts  
Date:  1987

Series 5:  
Title:  Materials Removed from Other Series  
Date:  1945-2001  
Extent:  9.25 linear feet  
Scope and Content: Series is comprised of materials that are not appropriate for storage with and in the conditions of the papers in the other series. These are specifically vinyl binders, chemically unstable papers such as thermofaxes and newsprint, legal-size papers, oversize materials, and photographs. The binders, preserved for the information printed on them, and for possible exhibit purposes, are mainly from Series 3, Miller’s collection.
of classroom materials. Until preservation scanning can be done, the box with chemically unstable media also includes fading carbon copies and more modern thermofaxes that, while fading, are not dangerous to the materials around them. Oversize materials Oversize boxes 52 and 53. All these materials are keyed to their original locations, with a separation sheet being kept in the original file.

System of arrangement: This series is organized according to the types of materials (subseries) and the original box from which the materials were taken (files within subseries).

**Series 5, Subseries 1:**
**Title:** Binders Removed from Other Series
**Extent:** 1.25 linear feet
**Date:** Undated
**Scope and content:** These mostly vinyl binders were removed to better preserve the paper originally contained within them, but retained for the information printed on them and for possible exhibit purposes.

**Box 48, Item 1**
**Title:** Green vinyl binder
**Extent:** 1 binder
**Name of Creator:** Charles O. Miller
**Scope and Content:** This binder is labeled with the logo of the University of Southern California, “Aerospace Safety Division, United States Air Force.” It was removed from Series 3, Classroom Materials.

**Box 48, Item 2**
**Title:** Red vinyl binder
**Extent:** 1 binder
**Name of Creator:** Charles O. Miller
**Scope and Content:** Has logo of University of Southern California, “Aerospace Safety Division, Advanced Technical Course Aerospace Safety & Management Engineering.” On the back of the binder is “Syst. Safety and ASPM Combined.” It was removed from Series 3, Classroom Materials.

**Box 48, Item 3**
**Title:** Red vinyl binder
**Extent:** 1 binder
**Name of Creator:** Charles O. Miller
**Scope and Content:** Leather or leatherette brown binder from Box 22, “Aviation Law & Air Safety”

**Box 48, Item 4**
**Title:** Green vinyl binder
**Extent:** 1 binder
**Name of Creator:** Charles O. Miller

Box 48, Item 5
Title: Red vinyl binder
Extent: 1 binder
Name of Creator: Charles O. Miller

Box 48, Item 6
Title: Maroon vinyl binder
Extent: 1 binder
Name of Creator: Charles O. Miller

Series 5, Subseries 2:
Title: Unstable Media Removed from Other Series
Extent: 0.5 linear feet
Date: 1942-2000
Scope and content: This group of papers includes newsprint removed to better preserve the materials originally surrounding them. It also includes some duplicates on unstable media.

Box 49, File 1
Title: Newsprint removed from Box 8
Date: 1988-1989

Box 49, File 2
Newsprint removed from Box 14
Date: 1963-1986
Scope and Content: The newsprint is from a Sunday Star article of 7 April 1963, showing microfilm duplication.

Box 49, File 3
Title: Safety Unit Says Metro Management Shared Blame for Fatal Derailment
Date: 30 July 1982
Name of Creator: Gerald F. Hall
Scope and Content: A copy of a Washington Post article from p. C4, with extensive highlighting. This newsprint has been scanned and a copy placed in the original file in Box 20, File 3.
Existence and Location of Copies: An electronic copy is available.

Box 49, File 4
Title: Newsprint removed from Box 25, File 17
Date: 1967-1987

Box 49, File 5
Title: Newsprint removed from Box 28, 4.1.5—Folder 7
Date: 3 September 1986

Box 49, File 6
Title: Deadly Skies: Crash Protection in Small Planes Cited In Search for Reasons the Death Toll Remains High (and) The Safety Board Checks on a Crash, But Who Can Know What Caused It?
Date: 30 November 1981
Scope and Content: This item from Box 32 was scanned for preservation, and a copy placed in the original file.

Box 49, File 6
Title: Newsprint removed from Box 33, File 22
Date: 10 September 1988

Box 49, File 7
Title: Newsprint removed from Box 37
Date: 1975-1988

Box 49, File 8
Title: Behavior: Confessions of an Aerophobe
Date: 26 July 1981
Extent: 1 sheet
Name of Creator: Le Pacini
System of Arrangement: This article (newsprint) was removed from Box 41, File 3, with a plain-paper copy returning to that file.

Box 49, File 9
Title: Oil Analysis May have Saved President’s Plane From Disaster
Date: 26 December 1964
Extent: 1 sheet
Name of Creator: John G. Norris
Scope and Content: This newsprint copy of an article from the Houston *Globe* was isolated here after a copy was placed in the original file, Box 42, File 2.

Box 49, File 10
Title: Newsprint removed from Box 44
Date: 1988-1992

Box 49, File 11
Title: Newsprint from Box 45
Date: 1979-1994
Box 49, File 12
Title: Amos Wood turns beachcombing hobby into book material
Date: 2 December 1978
Existence and Location of Copies: This newsprint was removed from Box 46, with a copy in the original file (7.10 Safety Knowledgeable Personnel, File 6).

Series 5, Subseries 3
Title: Legal Size Materials
Date: 1945-2001
Extent: 0.5 linear feet
Scope and Content: Where legal-size materials were found in the collection, given that the vast bulk of the collection is 8-1/2 x 11 inches in size or smaller, legal-size materials were removed as oversize and placed here with references to their original order and separation sheets at the original site.

Box 50, File 1
Title: Callback
Date: April 2001
System of Arrangement: Legal-size page removed from Box 1.

Box 50, File 2
Title: Papers removed from Box 2
Date: 1977-1982

Box 50, File 3
Title: Papers removed from Box 3
Date: 1968-1993

Box 50, File 4
Title: Papers removed from Box 4
Date: 1966-1995

Box 50, File 5
Title: Papers removed from Box 5
Date: 1974-1996

Box 50, File 6
Title: Papers removed from Box 6
Date: 1953-1975

Box 50, File 7
Title: Papers removed from Box 8
Date: 1974-1990

Box 50, File 8
Title: Papers removed from Box 9
Date: 1961-1989

Box 50, File 9
Title: Papers removed from Box 11
Date: 1963 and undated

Box 50, File 10
Title: Papers removed from Box 12
Date: undated

Box 50, File 11
Title: Papers removed from Box 13
Date: 1966-1976

Box 50, File 12
Title: Papers removed from Box 14
Date: 1966-1974

Box 50, File 13
Title: Papers removed from Box 15
Date: 1966 and undated

Box 50, File 14
Title: Papers removed from Box 16
Date: undated

Box 50, File 15
Title: Papers removed from Box 18
Date: 1962

Box 50, File 16
Title: Papers removed from Box 21
Date: 1975-1982

Box 50, File 17
Title: Papers removed from Box 22
Date: 1973-1982

Box 50, File 18
Title: Papers removed from Box 23
Date: 1963-1981

Box 50, File 19
Title: Papers removed from Box 24
Date: 1971
Box 50, File 20  
Title: Papers removed from Box 25  
Date: 1966-1971

Box 50, File 21  
Title: Papers removed from Box 26  
Date: 1966-1991

Box 50, File 22  
Title: Papers removed from Box 27  
Date: 1965-1995

Box 50, File 23  
Title: Papers removed from Box 28  
Date: 1991-1993

Box 50, File 24  
Title: Papers removed from Box 29  
Date: 1977-1984

Box 50, File 25  
Title: Papers removed from Box 30  
Date: 1954-1994  
Item
Title: The Effects of Terrorism on the International Aviation Industry  
Date: 1988 (estimate)  
Extent: 1 sheet (2 pages)  
Name of Creator: Alexander Anolik  
Scope and Content: This is a review in outline form of the history of and reactions to terrorism from the first hijack in February 1931 to the Montreal Protocol of 1988.  
System of Arrangement: This sheet was removed from 4.2.9 Sabotage/Security/Hijacking due to its legal-size format.

Box 50, File 26  
Title: Papers removed from Box 31  
Date: 1974-1987

Box 50, File 27  
Title: Papers removed from Box 32  
Date: 1968-1985

Box 50, File 28  
Title: Papers removed from Box 33  
Date: 1983-1992

Box 50, File 29
Title: Papers removed from Box 34
Date: undated

**Box 50, File 30**
Title: Papers removed from Box 35
Date: 1965-1985

**Box 50, File 31**
Title: Papers removed from Box 36
Date: undated

**Box 50, File 32**
Title: Papers removed from Box 37
Date: 1973-1990

**Box 50, File 33**
Title: Papers removed from Box 38
Date: 1990

**Box 50, File 34**
Title: Papers removed from Box 39
Date: undated

**Box 50, File 35**
Title: Papers removed from Box 40
Date: 1977

**Box 50, File 36**
Title: Papers removed from Box 41
Date: 1979

**Box 50, File 37**
Title: Papers removed from Box 42
Date: undated

**Box 50, File 38**
Title: Papers removed from Box 43
Date: 1989

**Box 50, File 39**
Title: Papers removed from Box 44
Date: 1981-2001

**Box 50, File 40**
Title: Papers removed from Box 45
Date: 1957-1998
Box 50, File 41
Title: Papers removed from Box 46
Date: 1945-1978

Series 5, Subseries 4:
Title: Photographs
Date: 1940s-1973 and undated
Extent: 1 linear foot
Scope and Content: Since the bulk of the collection is being kept in upright file folders in record storage boxes, photographs have been removed and placed in a separate box where they can lie flat. Separation sheets at the original sites match photograph descriptions in this box. Each photograph is being kept in its own envelope, without file folders; therefore this subseries is itemized. Most photographic materials are undated.
System of Arrangement: Arrangement is by size, then by box and folder number, except that one curled booklet is laid on top of flat photographs.

Box 51, Item 1
Title: Presentation to the Second Navy-Industry Conference on Aeronautical Material Reliability
Date: 5-6 November 1958
Extent: 1 booklet.
Scope and Content: This is an Accobound booklet. This was apparently from a presentation at the Hotel Cavalier, Virginia Beach, Virginia, by David E. Tait, Assistant Materials Manager, Chance Vought Aircraft, Incorporated, Box 5907, Dallas, Texas. There are 17 pages of print (mimeograph), cardboard covers, and 19 glossy pages with illustrations, graphs, and similar materials.
System of Arrangement: The glossy pages do not appear to be photographs, but they are behaving like photographs (i.e., curling badly). For that reason, this entire booklet has been removed to the photograph box to keep the materials in context. From Miller Box 42, 6.10.4 Reliability Management and Control (File 12).

Box 51, Item 2
Title: untitled
Date: 1968
Scope and Content: From Disneyland construction consultation from Miller Box 3, folder “NASA.” Color, 4-1/4 x 3-3/8”

Box 51, Item 3
Title: Logo of System Safety Society
Scope and Content: From Miller Box 5, File 12, System Safety Society—Folder 1, color, 4-1/4 x 3-3/8”, with cardboard backing.

Box 51, Item 4
Title: untitled
Date: undated (1940s?)
**Extent:** 1 of a set of 3 photographs found together

**Name of Creator:** “Hackcraft” is on the back of this and one of the other two photos

**Scope and Content:** This black-and-white photograph (2-3/4” x 4-1/4”) depicts an airplane crash near a block of houses, with a crowd standing by and watching. There is a fire still burning, with dense smoke. In the foreground is an automobile. Although these photographs were found in an “Icing” expanding file, there is nothing else to connect them with this topic (4.4.3 Icing, separation sheet in Box 31, File 6).

**Box 51, Item 5**

**Title:** untitled

**Date:** undated (1940s?)

**Extent:** 1 of a set of 3 photographs found together

**Name of Creator:** “Hackcraft” is on the back of this and one of the other two photos

**Scope and Content:** This black-and-white photograph (2-3/4” x 4-1/4”) depicts an airplane crash near a block of houses, with a crowd standing by and watching. There is a fire still burning, with dense smoke. In the foreground is an automobile. The difference between this photograph and Item 66 is that there are two men standing in the foreground, one on the left and one on the right. Although these photographs were found in an “Icing” expanding file, there is nothing else to connect them with this topic (4.4.3 Icing, separation sheet in Box 31, File 6).

**Box 51, Item 6**

**Title:** untitled

**Date:** undated (1940s?)

**Extent:** 1 of a set of 3 photographs found together

**Name of Creator:** unknown

**Scope and Content:** This black-and-white photograph (2-3/4” x 4-1/4”) depicts what appears to be an airplane hangar, with three airplanes in it. On the left in middle ground is something lettered “Weight Cyclone.” Two men are standing with their backs turned to the camera, looking at the leftmost plane in middle distance.

**Box 51, Item 7**

**Title:** untitled

**Scope and Content:** Untitled photograph showing terrain, No. 1 of 10 photos, 3-1/2” x 2-7/8”, color, from Miller Box 8, File 21, 1.1.1 Accident Investigation.

**Box 51, Item 8**

**Title:** untitled

**Scope and Content:** Untitled photograph showing terrain, No. 2 of 10 photos, 3-1/2” x 2-7/8”, color, from Miller Box 8, File 21, 1.1.1 Accident Investigation.

**Box 51, Item 9**

**Title:** untitled

**Scope and Content:** Untitled photograph showing terrain, No. 3 of 10 photos, 3-1/2” x 2-7/8”, color, from Miller Box 8, File 21, 1.1.1 Accident Investigation.
Box 51, Item 10
Title: untitled
Scope and Content: Untitled photograph showing terrain, No. 4 of 10 photos, 3-1/2” x 2-7/8”, color, from Miller Box 8, File 21, 1.1.1 Accident Investigation.

Box 51, Item 11
Title: untitled
Scope and Content: Untitled photograph showing terrain, No. 5 of 10 photos, 3-1/2” x 2-7/8”, color, from Miller Box 8, File 21, 1.1.1 Accident Investigation.

Box 51, Item 12
Title: untitled
Scope and Content: Untitled photograph showing terrain, No. 6 of 10 photos, 3-1/2” x 2-7/8”, color, from Miller Box 8, File 21, 1.1.1 Accident Investigation.

Box 51, Item 13
Title: untitled
Scope and Content: Untitled photograph showing terrain, No. 7 of 10 photos, 3-1/2” x 2-7/8”, color, from Miller Box 8, File 21, 1.1.1 Accident Investigation.

Box 51, Item 14
Title: untitled
Scope and Content: Untitled photograph showing terrain, No. 8 of 10 photos, 3-1/2” x 2-7/8”, color, from Miller Box 8, File 21, 1.1.1 Accident Investigation.

Box 51, Item 15
Title: untitled
Scope and Content: Untitled photograph showing terrain, No. 9 of 10 photos, 3-1/2” x 2-7/8”, color, from Miller Box 8, File 21, 1.1.1 Accident Investigation.

Box 51, Item 16
Title: untitled
Scope and Content: Untitled photograph showing terrain, No. 10 of 10 photos, 3-1/2” x 2-7/8”, color, from Miller Box 8, File 21, 1.1.1 Accident Investigation.

Box 51, Item 17
Title: Instructions for Using Plotter
Scope and Content: Untitled photograph, 3-1/2” x 2-7/8”, color, of this document, from Miller Box 29, 4.1.21 Weight and Balance, File 4. No. 1 of 21.

Box 51, Item 18
Title: Instructions for Using Plotter
Scope and Content: Untitled photograph, 3-1/2” x 2-7/8”, color, of this document, from Miller Box 29, 4.1.21 Weight and Balance, File 4. No. 2 of 21.

Box 51, Item 19
Title:  Piper Model PA-317 Weight and Balance Visual Plotter for
Scope and Content: Untitled photograph, 3-1/2” x 2-7/8”, color, of an artifact, from Miller Box 29, 4.1.21 Weight and Balance, File 4. No. 3 of 21.

Box 51, Item 20
Title:  Piper Model PA-317 Weight and Balance Visual Plotter for
Scope and Content: Untitled photograph, 3-1/2” x 2-7/8”, color, of an artifact, from Miller Box 29, 4.1.21 Weight and Balance, File 4. No. 4 of 21.

Box 51, Item 21
Title:  Piper Model PA-317 Weight and Balance Visual Plotter for
Scope and Content: Untitled photograph, 3-1/2” x 2-7/8”, color, of an artifact, from Miller Box 29, 4.1.21 Weight and Balance, File 4. No. 5 of 21.

Box 51, Item 22
Title:  Piper Model PA-317 Weight and Balance Visual Plotter for
Scope and Content: Untitled photograph, 3-1/2” x 2-7/8”, color, of an artifact, from Miller Box 29, 4.1.21 Weight and Balance, File 4. No. 6 of 21.

Box 51, Item 23
Title:  Piper Model PA-317 Weight and Balance Visual Plotter for
Scope and Content: Untitled photograph, 3-1/2” x 2-7/8”, color, of an artifact, from Miller Box 29, 4.1.21 Weight and Balance, File 4. No. 7 of 21.

Box 51, Item 24
Title:  Piper Model PA-317 Weight and Balance Visual Plotter for
Scope and Content: Untitled photograph, 3-1/2” x 2-7/8”, color, of an artifact, from Miller Box 29, 4.1.21 Weight and Balance, File 4. No. 8 of 21.

Box 51, Item 25
Title:  Piper Model PA-317 Weight and Balance Visual Plotter for
Scope and Content: Untitled photograph, 3-1/2” x 2-7/8”, color, of an artifact, from Miller Box 29, 4.1.21 Weight and Balance, File 4. No. 9 of 21.

Box 51, Item 26
Title:  Piper Model PA-317 Weight and Balance Visual Plotter for
Scope and Content: Untitled photograph, 3-1/2” x 2-7/8”, color, of an artifact, from Miller Box 29, 4.1.21 Weight and Balance, File 4. No. 10 of 21.

Box 51, Item 27
Title:  Piper Model PA-317 Weight and Balance Visual Plotter for
Scope and Content: Untitled photograph, 3-1/2” x 2-7/8”, color, of an artifact, from Miller Box 29, 4.1.21 Weight and Balance, File 4. No. 11 of 21.

Box 51, Item 28
Title:  Piper Model PA-317 Weight and Balance Visual Plotter for
Scope and Content: Untitled photograph, 3-1/2” x 2-7/8”, color, of an artifact, from Miller Box 29, 4.1.21 Weight and Balance, File 4. No. 12 of 21.

Box 51, Item 29
Title: Piper Model PA-317 Weight and Balance Visual Plotter for
Scope and Content: Untitled photograph, 3-1/2” x 2-7/8”, color, of an artifact, from Miller Box 29, 4.1.21 Weight and Balance, File 4. No. 13 of 21.

Box 51, Item 30
Title: Piper Model PA-317 Weight and Balance Visual Plotter for
Scope and Content: Untitled photograph, 3-1/2” x 2-7/8”, color, of an artifact, from Miller Box 29, 4.1.21 Weight and Balance, File 4. No. 14 of 21.

Box 51, Item 31
Title: Piper Model PA-317 Weight and Balance Visual Plotter for
Scope and Content: Untitled photograph, 3-1/2” x 2-7/8”, color, of an artifact, from Miller Box 29, 4.1.21 Weight and Balance, File 4. No. 15 of 21.

Box 51, Item 32
Title: Piper Model PA-317 Weight and Balance Visual Plotter for
Scope and Content: Untitled photograph, 3-1/2” x 2-7/8”, color, of an artifact, from Miller Box 29, 4.1.21 Weight and Balance, File 4. No. 16 of 21.

Box 51, Item 33
Title: Piper Model PA-317 Weight and Balance Visual Plotter for
Scope and Content: Untitled photograph, 3-1/2” x 2-7/8”, color, of an artifact, from Miller Box 29, 4.1.21 Weight and Balance, File 4. No. 17 of 21.

Box 51, Item 34
Title: Piper Model PA-317 Weight and Balance Visual Plotter for
Scope and Content: Untitled photograph, 3-1/2” x 2-7/8”, color, of an artifact, from Miller Box 29, 4.1.21 Weight and Balance, File 4. No. 18 of 21.

Box 51, Item 35
Title: Piper Model PA-317 Weight and Balance Visual Plotter for
Scope and Content: Untitled photograph, 3-1/2” x 2-7/8”, color, of an artifact, from Miller Box 29, 4.1.21 Weight and Balance, File 4. No. 19 of 21.

Box 51, Item 36
Title: Instructions for Using Plotter
Scope and Content: Untitled photograph, 3-1/2” x 2-7/8”, color, of a document, from Miller Box 29, 4.1.21 Weight and Balance, File 4. No. 20 of 21.

Box 51, Item 37
Title: Piper Model PA-317 Weight and Balance Visual Plotter for
Scope and Content: Untitled photograph, 3-1/2” x 2-7/8”, color, of an artifact, from Miller Box 29, 4.1.21 Weight and Balance, File 4. No. 21 of 21.

Box 51, Item 38
Date: 1973
Scope and Content: This is No. 1 of 5 microfiche removed from the supplement.

Box 51, Item 39
Date: 1973
Scope and Content: This is No. 2 of 5 microfiche removed from the supplement.

Box 51, Item 40
Date: 1973
Scope and Content: This is No. 3 of 5 microfiche removed from the supplement.

Box 51, Item 41
Date: 1973
Scope and Content: This is No. 4 of 5 microfiche removed from the supplement.

Box 51, Item 42
Date: 1973
Scope and Content: This is No. 5 of 5 microfiche removed from the supplement.

Box 51, Item 43
Title: untitled
Scope and Content: Photograph of board showing “Accident Prevention Program Accident Record,” black and white 8 x 10”, glossy, with the years 1969 and 1970, plotting numbers against regions. Back of photograph is stamped: “Federal Aviation Administration Southwest Region Date [blank] Number 70059-1, Reorder prints by number. Official Photograph.” From Miller Box 2, file FAA, Folder 19, File 4.
Box 51, Item 44
Title: Marine Night Fighter Assn. Phoenix, AZ 5/27/95 (COM standing at center behind Gen. Joe Foss)
Scope and Content: Group color photograph of men, one row sitting, one standing, some with tee-shirts and some in shirts, one in the front holding a blue flag with a triangle, a crescent moon, a cloud and an animal, with the letters “VMF-N-534.” The title is given by a label on the outside of the photograph envelope). “COM” refers to Charles O. Miller, a frequent abbreviation Dr. Miller for himself. From Miller Box 3, “Miscellaneous Organizations: Marine Corps Aviation Assn., Marine Night Fighter Assn.” Photograph is color, 8 x 10”, glossy.

Box 51, Item 45
Title: International Safety Academy
Scope and Content: A building surrounded by trees and bushes and a wide lawn, with a clocktower, a balustrade, and a pillared porch. The title is taken from context. Photograph is black and white, 5 x 7”, glossy, slightly curled. From Miller Box 3, Folder ISA.

Box 51, Item 46
Title: Regulatory Authority for System Safety
Scope and Content: With a bulleted list. Negative—for transparency? Color, 8 x 10”. From Miller Box 14, File 5, 1.1.9 Regulations/Specifications.

Box 51, Item 47
Title: untitled
Scope and Content: Untitled photograph showing men working on an airplane wing with scaffolding underneath. Several men are on the wing, apparently watching a propeller, which appears to be moving. Black and white, 8 x 10”, glossy. Only “Agfa” and “031” are on the back of the photograph. From Miller Box 23, File 3, 3.4 Legal—Folder 8. File context: from “Aviation Law & Air Safety,” a paper.

Box 51, Item 48
Title: untitled
Scope and Content: Untitled photograph showing two men (apparently air traffic controllers), with a window in the background, showing an airplane on the ground. Black and white, 8 x 10”, glossy. Only “Agfa” and “200” are on the back of the photograph. From Miller Box 23, File 3, 3.4 Legal—Folder 8. File context: from “Aviation Law & Air Safety,” a paper.

Box 51, Item 49
Title: untitled
Scope and Content: Untitled photograph showing the instrument panel in an airplane cockpit, with the wall of (apparently) a hangar in the background. Black and white, 8 x 10”, glossy. Only “Agfa” and “200” are on the back of the photograph. From Miller Box 23, File 4, 3.4 Legal—Folder 8. File context: from “Aviation Law & Air Safety,” a paper.
Box 51, Item 50
Title: untitled
Scope and Content: Untitled photograph showing a Northwest airplane in water. Black and white, 8 x 10”, glossy. There are remnants of glue on the back, but no stamps or writing. From Miller Box 23, File 3, 3.4 Legal—Folder 9. File context: from “Aviation Law & Air Safety,” a paper.

Box 51, Item 51
Title: untitled
Scope and Content: Untitled photograph showing a Northwest airplane in water. There are two life rafts with people heading away from the airplane. Land is visible in the background. Black and white, 7-1/2 x 7”, glossy. There are remnants of glue on the back, but no stamps or writing. From Miller Box 23, File 3, 3.4 Legal—Folder 9. File context: from “Aviation Law & Air Safety,” a paper.

Box 51, Item 52
Title: DC-8 in flight
Scope and Content: Untitled photograph showing a DC-8, apparently in flight over water, with clouds below and land in the background. Black and white, 8 x 10”, glossy. Only “Agfa” and “200” are on the back of the photograph. From Miller Box 23, File 3, 3.4 Legal—Folder 9. File context: from “Aviation Law & Air Safety,” a paper.

Box 51, Item 53
Title: Tony Roncalio
Scope and Content: Untitled photograph showing Tony Roncalio, Congressman from Wyoming, around 1966. Black and white, 8 x 10”, glossy. From Miller Box 25, File 11, 3.8 Policies/Philosophies—Folder 4. Roncalio is shown signing papers, with a rack of magazines and cars on his left behind him, with apparently a Wyoming flag directly behind him.

Box 51, Item 54
Title: Weather Avoidance in the Terminal Area
Scope and Content: Figure 1 of a series of figures. Color, 8 x 10”, glossy, with dotted lines in marker and “I” and “II” on it, reaching from hills in the background into clouds. A field is shown in the foreground. Kodak paper. From Miller Box 31, 4.4.7 Wind Shear—Folder 9.

Box 51, Item 55
Title: Weather Avoidance in the Terminal Area
Scope and Content: Figure 1A of a series of figures. Color, 8 x 10”, glossy, showing the same scene as in Figure 1, but without the markings. Kodak paper. From Miller Box 32, 4.4.7 Wind Shear—Folder 9.

Box 51, Item 56
Title: Weather Avoidance in the Terminal Area
Scope and Content: Figure 2 of a series of figures. Color, 8 x 10”, glossy, with dotted lines in marker and “I,” “II,” “III,” “IV” and “IV” on it, reaching from about the horizon into clouds. A plowed field is shown in the foreground. Kodak paper. From Miller Box 32, 4.4.7 Wind Shear—Folder 9.

Box 51, Item 57
Title: Weather Avoidance in the Terminal Area
Scope and Content: Figure 2A of a series of figures. Color, 8 x 10”, glossy, same scene as in Figure 2, but without markings. Kodak paper. From Miller Box 32, 4.4.7 Wind Shear—Folder 9.

Box 51, Item 58
Title: Weather Avoidance in the Terminal Area
Scope and Content: Figure 3 of a series of figures. Color, 8 x 10”, glossy, with dotted lines in marker and “I,” “II,” “III,” “IV” and “IV” on it, reaching from the horizon into clouds. A highway, plowed field, houses and telephone poles are shown in the foreground. Kodak paper. From Miller Box 32, 4.4.7 Wind Shear—Folder 9.

Box 51, Item 59
Title: Weather Avoidance in the Terminal Area
Scope and Content: Figure 3A of a series of figures. Color, 8 x 10”, glossy, showing the same scene as in Figure 3, but without the markings. Kodak paper. From Miller Box 32, 4.4.7 Wind Shear—Folder 9.

Box 51, Item 60
Title: Weather Avoidance in the Terminal Area
Scope and Content: Figure 4 of a series of figures. Color, 8 x 10”, glossy, with dotted lines in marker and “I,” “II,” “III,” “IV” on it, reaching from the horizon into clouds. Photograph is of a fence, weeds, and a plowed field in the foreground, trees at middle distance, and clouds. Kodak paper. From Miller Box 32, 4.4.7 Wind Shear—Folder 9.

Box 51, Item 61
Title: Weather Avoidance in the Terminal Area
Scope and Content: Figure 4A of a series of figures. Color, 8 x 10”, glossy, showing the same scene as in Figure 4, but without the markings. Kodak paper. From Miller Box 32, 4.4.7 Wind Shear—Folder 9.

Box 51, Item 62
Title: Remove Before Flight
Scope and Content: Untitled photo of a woman in a seat. The title is from the banner the woman is wearing. From context, the seat is a Martin Baker seat. The photograph is black and white, 8 x 10”, glossy, from Miller Box 33, File 13, 3.3.2.1 Martin Baker Seat.

Box 51, Item 63
Title: Cockpit instrumentation
Scope and Content: Untitled photograph apparently showing cockpit instrumentation, with a level at the bottom (mockup?). Color 8-9/16 x 10-15/16” glossy print. From Miller Box 33, 5.2.3 Instrumentation—Folder 3, File 2

Box 51, Item 64
Title: Cockpit instrumentation
Scope and Content: Untitled photograph apparently showing a bank of cockpit instrumentation, including the one in Item 63. Color 8-9/16 x 10-15/16” glossy print. From Miller Box 33, 5.2.3 Instrumentation—Folder 3, File 2.

Box 51, Item 65
Title: Cockpit instrumentation
Scope and Content: Untitled photograph apparently showing a bank of cockpit instrumentation, including the one in Item 63. Color 8-9/16 x 10-15/16” glossy print. From Miller Box 33, 5.2.3 Instrumentation—Folder 3, File 2.

Box 51, Item 66
Title: Cockpit instrumentation
Scope and Content: Untitled photograph showing a closeup of a cockpit instrument. Color 8-9/16 x 10-15/16” glossy print. From Miller Box 33, 5.2.3 Instrumentation—Folder 3, File 2.

Box 51, Item 67
Title: Cockpit instrumentation
Scope and Content: Untitled photograph showing a closeup of the same cockpit instrument as in Item 62. Color 8-9/16 x 10-15/16” glossy print. From Miller Box 33, 5.2.3 Instrumentation—Folder 3, File 22.

Box 51, Item 68
Title: M-B Seat
Scope and Content: Black and white photograph titled “Cornwallis’ Revenge or Maybe We Could Sell It As an Ejection Seat.” Title from Post-It tape label, apparently Martin Baker Seat. Two men are standing and looking at the seat, which is sitting on a table. There is a door, a clock and a wall in the background. Photograph has apparently been cropped to 7-3/4 x 8” and is covered with plastic and held in a black cardboard frame with masking tape. From Miller Box 33, File 13, 5.3.2.1 Martin Baker Seat.

Box 51, Item 69
Title: Manual Operation Warning: Door may spring open
Scope and Content: Photograph of a sign on a gray background. Black and white, 10-9/16 x 9-1/8”, glossy.

Series 5, Subseries 5
Title: Oversize Materials
Date: 1954-2001
Date Note: Items are undated unless otherwise noted, but it is believed that undated materials fall within the scope of the years above and represented by the rest of the materials.
Extent: 6 linear feet
Scope and Content: These materials were too large to fit in legal-size file folders and record-storage boxes without folding. They have been placed in two oversize boxes. In many cases, where papers followed one another or were related in the same document, they have been grouped for the purposes of context and retrieval.
System of Arrangement: Arrangement is in order of the boxes from which the items were removed.

Box 52, File 1
Title: Department of Defense Key Personnel Locator
Date: July 1983
Extent: 1 poster
System of Arrangement: From Box 1, file “DOD.”

Box 52, File 2
Title: The Requirements for the New Tinker Bell Cable
Extent: 1 sheet
Scope and Content: This is a portion of a drawing, possibly dated 1968.
System of Arrangement: From Box 3, File 36, file NASA (National Aeronautics and Space Administration—Folder 1)

Box 52, File 3
Title: What Do You Know About Hypnosis?
Date: 27 July 1969
Extent: 2 sheets
Name of Creator: Lin Root
Scope and Content: This is a copy of an article from This Week Magazine, pp. 8-9.
System of Arrangement: From Box 8, 1.1.1 Accident Investigation—Folder 8.

Box 52, File 4
Title: Nokesville Quadrangle Virginia
Date: 1971
Extent: 1 map
Name of Creator: USGS
Scope and Content: This map is marked “photorevised” as of the date given.
System of Arrangement: From Box 8, 1.1.1 Accident Investigation—Folder 10.

Box 52, File 5
Title: Sample Quad Paper Worksheet and Sample Aircraft Wreckage Diagram
Extent: 1 sheet
Name of Creator: USGS
Scope and Content: These are Figures 1 and 2.
System of Arrangement: From Box 9, 1.1.1 Accident Investigation—Folder 1.
Box 52, File 6
Title: The Application of Fault-Tree Analysis to Dynamic Systems
Date: 1964
Extent: 15 sheets
Name of Creator: R. J. Feutz and T. A. Waldeck
Scope and Content: Figures and tables only.
System of Arrangement: From Box 9, 1.1.1 Accident Investigation--Folder 17.

Box 52, File 7
Title: Events and Causal Factors Charting
Date: August 1978
Extent: 4 sheets
Name of Creator: J. R. Buys and J. L. Clark
Scope and Content: Appendices G and H only.
System of Arrangement: From Box 9, 1.1.1 Accident Investigation—Folder 23.

Box 52, File 8
Title: Summary of Events and Enabling Factors, Gasoline Delivery Fire and Explosion, Gadsden, Ala. Aug. 31, 1976
Extent: 1 sheet
Scope and Content: Flowchart, Figure 1C.
System of Arrangement: From Box 9, 1.1.1 Accident Investigation—Folder 24.

Box 52, File 9
Title: Manual of Reporting and Coding Instructions for Preliminary Aircraft Accident Incident Reports
Extent: 4 sheets
Scope and Content: Examples only.
System of Arrangement: From Box 9, 1.1.1 Accident Investigation—Folder 25.

Box 52, File 10
Title: Professional Performance Analysis Checklist
Date: 1989
Extent: 4 sheets
Name of Creator: Robert O. Besco
Scope and Content: Figure 1, a flowchart.
System of Arrangement: From Box 11, 1.1.6 Hazard Analyses--Folder 1.

Box 52, File 11
Title: System diagrams
System of Arrangement: From Box 12, 1.1.6 Hazard Analyses--Folder 6?.
Item
Title: Nudger System
Extent: 1 sheet
Name of Creator: Gates Learjet Corporation
Scope and Content: System diagram.

Item
Title: Learjet Roll Monitor
Date: illegible
Extent: 2 sheets
Name of Creator: Sperry Flight Systems Division
Scope and Content: System diagrams.

Box 52, File 12
Title: Phases of Operation
Extent: 1 sheet
Name of Creator: Richard A. Strong
Scope and Content: A flowchart.
System of Arrangement: From Box 12, 1.1.6 Hazard Analyses—Folder 13, File 9.

Box 52, File 13
Title: Specimen—Polaris Base Grain
Extent: 1 sheet
Name of Creator: Hercules Powder Company
Scope and Content: A flowchart.
System of Arrangement: From Box 12, 1.1.6 Hazard Analyses--Folder 14.

Box 52, File 14
Title: Failure Mode Analysis for Airborne Equipment
Extent: 1 sheet
Name of Creator: North American Aviation
Scope and Content: A blank form.
System of Arrangement: From Box 12, 1.1.6 Hazard Analyses--Folder 15, File 11.

Box 52, File 15
Title: Reliability Failure Effect Analysis—Sub-System Nomenclature
Extent: 1 sheet
Scope and Content: A blank form with descriptions of fields.
System of Arrangement: From Box 12, 1.1.6 Hazard Analyses--Folder 16.

Box 52, File 16
Title: Figure 3, Development of Item Criticality
Extent: 1 sheet
Scope and Content: A flowchart.
System of Arrangement: From Box 12, 1.1.6 Hazard Analyses—Folder 16.

Box 52, File 17
Title: Automotive Engine Fault Tree
Date: 1 June 1965
Extent: 1 sheet
Name of Creator: The Boeing Company
Scope and Content: A flowchart.
System of Arrangement: From Box 12, 1.1.6 Hazard Analyses—Folder 20.

Box 52, File 18
Title: RMS Engineering Product Integrity Consultants Capabilities Brochure
Extent: 2 sheets
Name of Creator: The Boeing Company
Scope and Content: Two charts from the brochure.
System of Arrangement: From Box 12, 1.1.6 Hazard Analyses—Folder 27, File 23
Item
Title: Maintainability Analysis
Item
Title: Failure Mode Effects Analysis

Box 52, File 19
Title: Prototype Unified System Safety Model, Hull Loss
Date: 16 May 1997
Extent: 4 sheets
Name of Creator: Thomas A. Waldeck
Scope and Content: Figures 1-4 only.
System of Arrangement: From Box 12, 1.1.6 Hazard Analyses—Folder 27, File 23.

Box 52, File 20
Title: Review
Date: May/June 1997
Extent: 2 sheets
Name of Creator: Institute of Nuclear Power Operations
Scope and Content: Front page and pages 3-4 of this INPO publication.
System of Arrangement: From Box 13, 1.1.7 Incident Reporting/Analysis.

Box 52, File 21
Title: Supersonic Transport Program
Extent: 5 sheets
Name of Creator: Boeing
Scope and Content: Figures from this publication only.
System of Arrangement: From Box 13, 1.1.8 Plans,” Folder 7.
Item
Title: 3-1 SST Program Organization
Item
Title: 3-2 System Safety Detail Work Plan
Item
Title: 3-5 System Safety Data Flow Diagram
Item
Title: 3-7 Fault Tree

Box 52, File 22
Title: Beechcraft foldout
Extent: 1 sheet
Scope and Content: Double-sided glossy foldout showing different models of Beechcraft airplanes, from 1932-1977.
System of Arrangement: From Box 14, 1.1.9 Regulations—Folder 5.

Box 52, File 23
Title: Review
Date: July/August 1994
Extent: 2 sheets
Name of Creator: Institute of Nuclear Power Operations
Scope and Content: Front page and pages 3-4 of this INPO publication.
System of Arrangement: From Box 14, 1.1.11 Surveys—Folder 2.

Box 52, File 24
Title: SIAT Subject Code
Date: 31 December 1962
Extent: 1 sheet
Scope and Content: Summary chart.
System of Arrangement: From Box 14, 1.1.12 Technical Information Systems—Folder 3.

Box 52, File 25
Title: Information Coding Outline
Extent: 1 sheet
Scope and Content: Handwritten note says this is the “Coding for AEC Documentation Program, Lovelace Foundation.”
System of Arrangement: From Box 14, 1.1.12 Technical Information Systems—Folder 3.

Box 52, File 26
Title: Safety Data Retrieval System
Extent: 4 sheets
Name of Creator: Donald D. Martin, General Dynamics Corporation
Scope and Content: Handwritten note says this is the “Coding for AEC Documentation Program, Lovelace Foundation.”

Box 52, File 27
Title: Automotive Engine Fault Tree
Extent: 1 sheet
System of Arrangement: From Box 15, 1.2 System Safety (General)—Folder 1.

Box 52, File 28
Title: AMC Systems Safety Life Cycle Phases
Extent: 5 sheets
Scope and Content: Appendix B, 5 charts.
System of Arrangement: From Box 15, 1.2 System Safety (General)—Folder 2.

Box 52, File 29
Title: MORT—The Management Oversight & Risk Tree
Date: April 1978
Extent: 1 sheet
Name of Creator: System Safety Development Center, Idaho National Engineering Laboratory
System of Arrangement: From Box 15, 1.2 System Safety (General)—Folder 3.

Box 52, File 30
Title: Standard Payload Module
Extent: 1 sheet
Scope and Content: This is a flowchart, page 39 of the document.
System of Arrangement: From Box 15, 1.2 System Safety (General)—Folder 6.

Box 52, File 31
Title: System Engineering Flow Diagram
Extent: 1 sheet
Name of Creator: National Air and Space Administration
Scope and Content: This is Figure 4, pp. 8-9 of “Launch Vehicle Safety Engineering for Standard Payload Module.”
System of Arrangement: From Box 15, 1.2 System Safety (General)—Folder 7.

Box 52, File 32
Title: Dynamics of Home Accidents
Extent: 1 sheet
System of Arrangement: From Box 15, 1.2 System Safety (General)—Folder 13.

Box 52, File 33
Title: Subsystem Functional Safety Identification on Analyses (Form)
Extent: 1 sheet
Name of Creator: General Dynamics/Quincy
Scope and Content: This is Figure 6 of “LHA-Subsystem Failure Effects Analysis, Subsystem Level”
System of Arrangement: From Box 16, “1.2.4 System Safety Programs—Folder 12.

Box 52, File 34
Title: System Life Cycle—Safety Activities
Extent: 1 sheet
Name of Creator: General Dynamics/Quincy
System of Arrangement: From Box 17, 1.2.5 System Safety Requirements—Folder 4.
Box 52, File 35
Title: Aircraft Comparison—Structural Growth
Extent: 1 sheet
Scope and Content: Comparing airplanes from 1947 through 1959 to “B-SST,” from before 1947 to 1958, and from 1959 “to present.”
System of Arrangement: From Box 17, 2.1 Aviation System—Folder 2.

Box 52, File 36
Title: GA Workshop called a major success
Date: 11 February 1981
Extent: 2 sheets
Scope and Content: Pages 9-12 of Flightline Times.
System of Arrangement: From Box 18, “1.2.6 General Aviation—Folder 1.

Box 52, File 37
Title: Genealogy of Piper Aircraft: Fifty Years of Piper 1937-1987
Extent: 1 sheet
Scope and Content: Foldout poster.
System of Arrangement: From Box 18, 1.2.6 General Aviation—Folder 4.

Box 52, File 38
Title: Reduce airspeed at night to distance of sight
Extent: 1 poster
Name of Creator: US Army Safety Center
System of Arrangement: From Box 18, 1.2.9 Military—Folder 1.

Box 52, File 39
Title: Flightfax (“Report of Army Aircraft Mishaps”)
Date: 20 April 1988
Extent: 3 sheets
Name of Creator: US Army Safety Center
System of Arrangement: From Box 18, 1.2.9 Military—Folder 1.

Box 52, File 40
Title: Reusable: Do not fold, spindle, or mutilate. Fly by the book
Extent: 1 poster
Name of Creator: US Army Safety Center
System of Arrangement: From Box 18, 1.2.9 Military—Folder 1.

Box 52, File 41
Title: Technical Excellence and Fail Safe Performance
Extent: 1 sheet
Name of Creator: Government Products Group, American Machine & Foundry Company
System of Arrangement: From Box 19, 2.2.3 Missiles/Unmanned Space Vehicles—Folder 1.

Box 52, File 42
Title: Titan Launcher and Equipment Terminal
Date: 20 January 1962
Extent: 1 sheet
Name of Creator: American Machine & Foundry Company
System of Arrangement: From Box 19, 2.2.3 Missiles/Unmanned Space Vehicles—Folder 1.

Box 53, File 1
Title: Distribution of Surface Ground Contamination
Date: 1991
Extent: 2 maps
Name of Creator: International Atomic Energy Agency
Scope and Content: Published in Vienna, these maps show the 1989 contamination with three different isotopes: Cesium 137, Plutonium-239, and Plutonium-240.
System of Arrangement: From Box 19, 3.3.3 Industrial Relations.
Languages and Scripts of the Material: Russian and English

Box 53, File 2
Title: Brochure for Seminars
Date: 1966
Extent: 1 sheet
Name of Creator: American Management Association
Scope and Content: The advertised seminars include “Managing a Modern Safety Program.
System of Arrangement: From Box 19, 3.0 Safety Management—Folder 3.

Box 53, File 3
Title: Review
Date: September/October 1995
Extent: 1 sheet
Name of Creator: Institute of Nuclear Power Operators
System of Arrangement: From Box 19, 3.0 Safety Management—Folder 27.

Box 53, File 4
Title: Acquisition Life Cycle Technical Activities Chart
Extent: 1 sheet
Name of Creator: Technical Management Department, School of Systems Acquisition Education, Defense Systems Management College
System of Arrangement: From Box 19, 3.0 Safety Management—Folder 42.

Box 53, File 5
Title: Direct Impact
Extent: 2 sheets
Scope and Content: Tables 2-5.
System of Arrangement: From Box 19, 3.1 Economics—Folder 1.

Box 53, File 6
Title: Aeronautical Engineering Review
Date: August 1954
Extent: 1 sheet
Scope and Content: Page 54 only. Title of article not available. Handwritten focus is on two figures.
System of Arrangement: From Box 19, 3.1 Economics—Folder 2.

Box 53, File 7
Title: Tables III and IV
Date: 3 April 1969
Extent: 7 sheets
System of Arrangement: From Box 22, 3.1 Economics—Folder 12.
Item
Title: Table III, Sources for Funds and Usual Method of Operation for Transportation Support Systems
Item
Title: Table IV, Major Safety Controls and Standards for Transportation Modes

Box 53, File 8
Title: ALPA Code of Ethics & Canons
Date: April 2001
Extent: 1 sheet
Scope and Content: Foldout from the Air Line Pilot, p. 30 ff.
System of Arrangement: From Box 22, 3.2 Ethics—Folder 1.

Box 53, File 9
Title: Code of Ethics of the National Air Transportation Association
Date: 26 January 1977
Extent: 1 poster
System of Arrangement: From Box 22, 3.2 Ethics—Folder 2.

Box 53, File 10
Title: Fourth National Institute on Litigation in Aviation
Date: 1985
Extent: 1 brochure
Name of Creator: American Bar Association

Box 53, File 11
Title: Third National Institute on Litigation in Aviation
**Box 53, File 12**  
**Title:** Aviation Products Liability Workshop  
**Date:** 1977  
**Extent:** 1 brochure  
**Name of Creator:** American Bar Association  
**Scope and Content:** A Flight Safety Foundation, Inc., brochure.  
**System of Arrangement:** From Box 23, Reports, Letters, Notes—Folder 6 (“3.4 Legal—Folder 15).
Name of Creator: Directorate of Aerospace Safety, Deputy The Inspector General USAF, Norton Air Force Base
System of Arrangement: From Box 24, 3.8 Policies/Philosophies.

Box 53, File 17
Title: Contract Definition Phase RFP
Extent: 1 sheet
Name of Creator: Douglas Missile & Space Systems Division
System of Arrangement: From Box 24, 3.13 Systems Management

Box 53, File 18
Title: You and Your Transponder
Date: June 1969
Extent: 2 sheets
Name of Creator: Federal Aviation Administration, Department of Transportation
System of Arrangement: From Box 26, “4.1 Flight Operations—Folder 2
Existence and Location of Copies: 2 copies here

Box 53, File 19
Title: Cloud Chart
Date: 1958
Extent: 1 sheet
Name of Creator: Virginia State Corporation Commission, Division of Aeronautics
System of Arrangement: From Box 26, “4.1 Flight Operations—Folder 4

Box 53, File 20
Title: Air Traffic Service U.S.A.
Date: September 1971
Extent: 1 sheet
Name of Creator: Department of Transportation, Federal Aviation Administration and Office of Public Affairs, Aeronautical Center, Oklahoma City
System of Arrangement: From Box 26, “4.1.1 ATC (Air Traffic Control)—Folder 1

Box 53, File 21
Title: Air Traffic Management (ATM) and Communications, Navigation and Surveillance (CNS): A Glossary of Terms
Date: 7 March 1991
Extent: 1 sheet
Name of Creator: Society of Senior Aerospace Executives, Inc.
System of Arrangement: From Box 27, 4.1.1 ATC (Air Traffic Control)—Folder 3

Box 53, File 22
Title: PANA Boeing Model B-707 N454PA Flt. 806 Pago Pago, Samoa, January 31, 1974
Date: undated
Extent: 3 sheets
**Name of Creator:** Society of Senior Aerospace Executives, Inc.

**Scope and Content:** Figures 1, 2, and 6 of National Transportation Safety Board analysis.

**System of Arrangement:** From Box 27, 4.1.2 Approach/Landing—Folder 3

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**Box 53, File 23**

**Title:** VFR Terminal Area Chart—Los Angeles

**Date:** 31 July 1986

**Extent:** 1 map

**Name of Creator:** U.S. Department of Commerce, National Oceanic and Atmospheric Administration, National Ocean Service

**System of Arrangement:** From Box 27, 4.1.5 Collision Avoidance—Folder 7.

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**Box 53, File 24**

**Title:** Area Planning AP/1B Chart Military Training Routes

**Date:** 1988-1989

**Extent:** 3 maps

**Name of Creator:** Department of Defense, Defense Mapping Agency Aerospace Center

**Scope and Content:** These are for the Western, Central and Eastern United States

**System of Arrangement:** From Box 28, 4.1.11 Navigation—Folder 2

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**Box 53, File 25**

**Title:** FAA Guidance for Identifying Flight Obstructions

**Date:** February 1969

**Extent:** 1 foldout

**Name of Creator:** FAA Aviation News

**Scope and Content:** These are pp. 12 and 13 of The Air Line Pilot for the stated date, labeled as “Reprinted from FAA Aviation News, September 1968.

**System of Arrangement:** From Box 28, 4.1.12 Obstruction Avoidance—Folder 1

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**Box 53, File 26**

**Title:** Vortex Turbulence Investigation Analysis

**Date:** 23 January 1975

**Extent:** 8 sheets

**Name of Creator:** National Transportation Safety Board

**Scope and Content:** Accident Date 20 November 1974, White Plains, New York, involving a Cessna 182L, N3343R

**System of Arrangement:** From Box 28, 4.1.20 Wake Vortex—Folder 2

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**Box 53, File 27**

**Title:** United States Approach Lighting Systems

**Date:** March 1966

**Extent:** 1 foldout

**Name of Creator:** approach Magazine

**System of Arrangement:** From Box 29, 4.2.1 Airport Facilities/Procedures—Folder 1.
Box 53, File 28
Title: Appendix 2
Date: 19 September 1968
Extent: 1 sheet
Scope and Content: Pages 1 through 14 include sample layout plans for airports.
System of Arrangement: From Box 29, 4.2.1 Airport Facilities/Procedures—Folder 2.

Box 53, File 29
Title: Figure 14-1. Airport Layout Plan
Extent: 1 sheet
System of Arrangement: From Box 29, 4.2.1 Airport Facilities/Procedures—Folder 4.

Box 53, File 30
Title: Checklist for Aircrews Transporting Propellants
Date: September 1956
Extent: 1 sheet
System of Arrangement: From Box 29, 4.2.4 Dangerous materials—Folder 1.

Box 53, File 31
Title: Appendices E through J
Date: September 1956
Extent: 6 sheets
Scope and Content: These are maps, charts and diagrams from several non-aviation accident reports from 1976-1978.
System of Arrangement: From Box 29, 4.2.4 Dangerous materials—Folder 3.

Box 53, File 32
Title: Stop Murphy’s Nut ‘n’ Bolt Gang!
Extent: 1 poster
Name of Creator: Directorate of Aerospace Safety, Norton Air Force Base
System of Arrangement: From Box 29, 4.2.7 Maintenance/Overhaul—Folder 2.

Box 53, File 33
Title: Torque Sense
Extent: 1 poster
Name of Creator: Directorate of Aerospace Safety, Norton Air Force Base
System of Arrangement: From Box 29, 4.2.7 Maintenance/Overhaul—Folder 4.

Box 53, File 34
Title: Diagram of Thunderstorm Turbulence
Date: 1977
Extent: 1 poster
Name of Creator: Flight Deck Products Ltd.
Scope and Content: This document is labeled “adapted from: ‘Portrait of the Thunderstorm,’ Flight Deck Products Ltd.” with an address and the copyright date above.
System of Arrangement: From Box 29, 4.4.6 Turbulence—Folder 3.
Box 53, File 35
Title: Altitude/airspeed trade-off …: FAA issues low-level wind shear advisory
Date: 27 February 1979
Extent: 2 sheets
Name of Creator: Flightline Times
Scope and Content: This is a copy of an article from pp. 5 and 16.
System of Arrangement: From Box 29, 4.4.7 Wind Shear—Folder 11.

Box 53, File 36
Title: B-757 Passenger Safety Information
Extent: 2 sheets
Name of Creator: Delta Air Lines
System of Arrangement: From Box 32, 5.1.2 Emergency Egress—Folder 2.
Existence and Location of Copies: There are 2 copies in this file.

Box 53, File 37
Title: Investigation by NASA helps clarify altimeter reading errors
Date: 2 December 1981
Extent: 2 sheets
Name of Creator: Flightline Times
System of Arrangement: From Box 32, 5.2.3 Instrumentation—Folder 22.

Box 53, File 38
Title: F8U-1 Airplane Ejection System Inspection
Extent: 1 sheet
System of Arrangement: From Box 33, file 5.3.2 Ejection Seats—Folder 2.

Box 53, File 39
Title: Panel to Seek Redesign of 737 Rudder
Date: 16 April 2000
Extent: 1 sheet
Name of Creator: Washington Post
System of Arrangement: From Box 35, file 5.5.10 Surface Controls, Folder 4.

Box 53, File 40
Title: M-4D System Block Diagram
Date: May 1973
Extent: 1 sheet
Name of Creator: Bendix Avionics Division
Scope and Content: This is Bendix Avionics Division Maintenance Manual M-4D Automatic Flight Control System, figure 1-6.
System of Arrangement: From Box 35, file 5.5.10.1 Automatic Flight Controls/Autopilot.
Box 53, File 41
Title: Baron flat spin danger still argued
Date: 30 September 1981
Extent: 1 sheet
Name of Creator: Flightline Times
Scope and Content: This sheet has pages 9-10..
System of Arrangement: From Box 36, 6.1.6 Stall/Spin—Folder 4.

Box 53, File 42
Title: Figure 10 and pages from appendices C through G
Extent: 25 sheets
Name of Creator: Flightline Times
System of Arrangement: From Box 36, 6.2.1 Software Safety—Folder 7.

Box 53, File 43
Title: Accidents/Incidents Involving Alcohol as Cause/Factor
Extent: 2 sheets
Scope and Content: These are computer printouts, one with the title above, a pin-feed sheet; the other from InfoTrac’s Magazine Index, with citations on “Marijuana—Physiological aspects.”
System of Arrangement: From Box 37, 6.3.2 Alcohol/Drugs—Folder 2.

Box 53, File 44
Title: Quick Action Can Save a Life!
Extent: 1 poster
Name of Creator: Deputy Inspector General for Safety, USAF, Norton Air Force Base
System of Arrangement: From Box 37, 6.3.3 First Aid.

Box 53, File 45
Title: The Professional Performance Analysis Checklist or Why Would They Do That? And What Are We Going to Do About It?
Date: illegible
Extent: 1 poster
Name of Creator: Robert O. Besco
Scope and Content: This is Figure 1 and the last page of “Why Pilots Err: What Can We Do About It?”
System of Arrangement: From Box 37, 6.3.3 First Aid.

Box 53, File 46
Title: Unlocking the Human Mind: A Pick-Your-Mood Society May Be Just Around the Corner
Date: 10 January 1978
Extent: 2 sheets
Name of Creator: Tom Zito
Scope and Content: This is a copy of article from The Washington Post, pp. B1 and B3.
System of Arrangement: From Box 37, 6.5 Human Factors (General)—Folder 9

Box 53, File 47
Title: Sample Format
Extent: 1 sheet
Scope and Content: This is “Tab. 3 Take Off, with examples of pilot errors, with columns for frequencies and conditions.
System of Arrangement: From Box 38, “6.5 Human Factors (General)—Folder 13.

Box 53, File 48
Title: Analysis and Prevention of Human Errors in Aircraft Accidents
Date: 1987
Extent: 1 sheet
Name of Creator: Professional Performance Improvement, Inc.
System of Arrangement: From Box 38, “6.5 Human Factors (General)—Folder 14.

Box 53, File 49
Title: Charts
Date: 11 March 1990
Extent: 15 plots
Name of Creator: “Simulator Facility: E-RAU, Prescott”
System of Arrangement: From Box 38, 6.5.3 Sleep Deprivation

Box 53, File 50
Title: Critical Seconds
Extent: 1 sheet
Scope and Content: Silhouettes of a plane with time and “recognition and reaction times.”
System of Arrangement: From Box 38, 6.5.4 Human Engineering/Ergonomics—Folder 1.

Box 53, File 51
Title: Humanscale 1/2/3
Extent: 1 sheet
Name of Creator: MIT Press
Scope and Content: Foldout advertisement for publication.
System of Arrangement: From Box 40, 6.5.6 Human Reliability/Human Error—Folder 8.

Box 53, File 52
Title: Human Reliability Flow Chart
Date: 31 May 1967
Extent: 1 sheet
Name of Creator: Vandenberg Air Force Base
System of Arrangement: From Box 40, 6.5.6 Human Reliability/Human Error—Folder 10.
Box 53, File 53
Title: Aircraft Design-Induced Pilot Error
Extent: 27 sheets
Scope and Content: Appendices 2, 5, and 8-33.
System of Arrangement: From Box 40, 6.5.6 Human Reliability/Human Error—Folder 11.

Box 53, File 54
Title: Aircraft Markings: Servicing & Precautioning
Date: July 1965
Extent: 1 foldout
Name of Creator: *approach* Magazine
System of Arrangement: From Box 40, 6.6 Maintainability/Maintenance Engineering—Folder 1.

Box 53, File 55
Title: Historical Test Record Form A
Extent: 2 sheets
Name of Creator: North American Aviation, Inc., Los Angeles Division
Scope and Content: With sample test summary sheet and instructions.
System of Arrangement: From Box 42, 6.10.2 Failure Reporting/Analysis—Folder 1.

Box 53, File 56
Title: reliability management at boeing airplane company aero-space division
Extent: 1 brochure
Name of Creator: Boeing Airplane Company
System of Arrangement: From Box 42, 6.10.4 Reliability Management and Control

Box 53, File 57
Title: Government Documents Establishing and Supporting Reliability Requirements
Extent: 1 sheet
System of Arrangement: From Box 42, 6.10.5 Reliability Specifications

Box 53, File 58
Title: Tempil Basic Guide to Ferrous Metallurgy
Date: 1954
Extent: 1 sheet
Name of Creator: Tempil Corporation
System of Arrangement: From Box 42, 6.13.5 Materials

Box 53, File 59
Title: Phase II Product Effectiveness Network
Extent: 1 sheet
Scope and Content: To accompany “Interdepartmental Correspondence from Pozner.
System of Arrangement: From Box 43, 6.14 System Effectiveness--Folder 3
Box 53, File 60
Title: Maintenance Analysis & Evaluation
Extent: 5 sheets
Name of Creator: Chance Vought Corp.
Scope and Content: These are blank forms.
System of Arrangement: From Box 43, 6.14 System Effectiveness--Folder 3

Box 53, File 61
Title: Blank Forms
Date: 1964
Extent: 3 sheets
Name of Creator: Douglas Aircraft Company, Inc.
System of Arrangement: From Box 43, 6.14 System Effectiveness--Folder 4
Item
Title: Requirements Allocation Sheet
Item
Title: End Item Maintenance Sheet
Item
Title: Facility Interface Sheet

Box 53, File 62
Extent: 1 sheet
Name of Creator: National Transportation Safety Board
System of Arrangement: From Box 43, 7.1 Accident Reports/Indexes—Folder 2

Box 53, File 63
Date: 24 March 1992
Extent: 22 sheets
Name of Creator: New York Newsday
Scope and Content: About USAir jet crash, various authors.
System of Arrangement: From Box 44, Cases NY F28 Acc. 22 Mar 92 (7.4 Cases, Folder 6)

Box 53, File 64
Title: Teletype Message
Date: 7 March 1974
Extent: 1 sheet
Name of Creator: Federal Aviation Administration
Scope and Content: To “operators of Douglas DC10 series.”
System of Arrangement: From Box 44, Paris DC-10 NTSB Internal Documents (7.4.2 DC-10 [Paris]—Folder 4

Box 53, File 65
Title: Reproduction of Signal Corps Documents
Extent: 1 poster
Name of Creator: Signal Corps
Scope and Content: Reproduction of documents “Signal Corps Specification No. 486” relating to “a heavier-than-air flying machine,” and the “Articles of Agreement” between the Signal Corps and the Wright Brothers to furnish the former with airplanes. Dates of original documents are 1907-1908.
System of Arrangement: From Box 45, 7.7 Historical—Folder 4

Box 53, File 66
Title: Reproduction of the Virginian-Pilot
Date: 1971
Extent: 1 foldout
Name of Creator: Virginian-Pilot
Scope and Content: Reproduction of the newspaper front page reporting the 18 December 1903 flight of the Wright Brothers. From an unidentified magazine.
System of Arrangement: From Box 45, 7.7 Historical—Folder 4

Box 53, File 67
Title: Aviation Safety Awareness: US Air Service NATOPS 1920 Vintage
Date: August 1973
Extent: 1 foldout
Name of Creator: approach Magazine
Scope and Content: Showing aircraft manufacturers plotted against years from 1909-1977.
System of Arrangement: From Box 45, 7.7 Historical—Folder 4

Box 53, File 68
Title: America’s Manufacturers
Date: August 1973
Extent: 1 foldout
Name of Creator: approach Magazine
Scope and Content: Showing aircraft manufacturers plotted against years from 1909-1977.
System of Arrangement: From Box 45, 7.7 Historical—Folder 4

Box 53, File 69
Title: Genealogy of United States Airplanes
Date: September 1977
Extent: 1 foldout
Name of Creator: Flying Magazine
Scope and Content: Covers the years 1913-1977.
System of Arrangement: From Box 45, 7.7 Historical—Folder 5
Box 53, File 70
Title: Articles by and about Tony LeVier
Date: 1994
Extent: 2 sheets
Name of Creator: Tony LeVier
System of Arrangement: From Box 45, 7.7 Historical—Folder 6
Item
Title: Trouble-plagued P-38s challenge test pilot Tony LeVier
Date: 19 May 1994
Scope and Content: Page 6 of the LADC Star.
Item
Title: Trouble-plagued P-38s challenged test pilot LeVier during World War II
Date: 23 June 1994
Scope and Content: Pages 4 and 5 from LADC Star.

Box 53, File 71
Title: Peacekeeper Weapon System master System Safety Checklist Preparation Procedures
Date: 29 September 1983
Extent: 2 sheets
System of Arrangement: From Box 45, 7.8 Information Systems—Folder 1

Box 53, File 72
Title: Unique Identification Numbers to Be Assigned by FAA Air Carrier and General Aviation District Offices to Accident/Incident Reports Investigated by the FAA
Extent: 1 sheet
Scope and Content: Handwritten document plotting FAA regions against numbers and some regions.
System of Arrangement: From Box 45, 7.8.1 Accident Codes

Box 53, File 73
Title: Accident/Incident Reporting Manual (ADRep Manual)
Date: 1987
Extent: 4 sheets
Name of Creator: International Civil Aviation Organization
Scope and Content: Appendices to second edition only in this file.
System of Arrangement: From Box 45, 7.8.1 Accident Codes
Item
Title: Codes for Descriptive factors
Extent: 2 sheets
Scope and Content: Appendix 5, pp. 2 and 11.
Item
Title: Codes for Explanatory Factors
Extent: 2 sheets
Scope and Content: Appendix 6.

Box 53, File 74
Title: Advisory Circular
Date: 15 June 1979
Extent: 1 sheet
Name of Creator: Federal Aviation Administration
Scope and Content: Contains NASA incident reporting form.
System of Arrangement: From Box 45, 7.8.2 ASRS (Aviation Safety Reporting System)—Folder 1

Box 53, File 75
Title: Major Features of NASA’s ASRS Program
Extent: 1 sheet
Scope and Content: Figure 4.1.
System of Arrangement: From Box 45, 7.8.2 ASRS (Aviation Safety Reporting System)—Folder 1

Box 53, File 76
Title: SATIRE Coding Chart—Mark I
Extent: 1 sheet
System of Arrangement: From Box 45, 7.8.4 Publication Indexes—Folder 6

Box 53, File 77
Title: My Big Helicopter Coloring Book
Extent: 1 book
Name of Creator: Bill Churchill, Frank Rodriquez, and John Straubel
System of Arrangement: From Box 45, 7.9 Miscellaneous Reading—Folder 2

Box 53, File 78
Title: The hunt is on for glass floats, bottled messages and other current events
Date: 25 May 1978
Extent: 1 sheet
Name of Creator: Bill Mullock
Scope and Content: Article from Boeing News, pp. 3-4.
System of Arrangement: From Box 46, 7.10 Safety Knowledgeable Personnel, File 6