



# Smithsonian

*National Air and Space Museum*

## Kathryn D. Sullivan Papers

Mark Kahn

2022

National Air and Space Museum Archives  
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Chantilly, VA 20151  
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<https://airandspace.si.edu/archives>

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## Collection Overview

<b>Repository:</b>	National Air and Space Museum Archives
<b>Title:</b>	Kathryn D. Sullivan Papers
<b>Date:</b>	1970s - 2010s
<b>Identifier:</b>	NASM.2019.0007
<b>Creator:</b>	Sullivan, Kathryn
<b>Extent:</b>	15.23 Cubic feet (34 boxes.)
<b>Language:</b>	English .
<b>Summary:</b>	This collection consists of approximately 15.23 cubic feet of papers, photographs, certificates, and video/film, created or collected by Kathryn Sullivan, spanning her lifetime of achievement.
<b>Digital Content:</b>	<a href="#">Image(s): Kathryn D. Sullivan Papers</a>

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## Administrative Information

### Acquisition Information

Kathryn D. Sullivan, Gift, 2018, NASM.2019.0007

### Processing Information

Arranged, described, and encoded by Mark Kahn, 2022.

### Preferred Citation

Kathryn D. Sullivan Papers, NASM.2019.0007, National Air and Space Museum, Smithsonian Institution.

### Restrictions

No restrictions on access

### Conditions Governing Use

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## Biographical / Historical

Kathryn D. Sullivan was born on October 3, 1951, in Paterson, New Jersey. Several years later, the Sullivan family relocated to California where her father proceeded to work in the aerospace field. After graduating from high school in 1969, Sullivan received a Bachelor of Science degree in earth sciences from the University of California at Santa Cruz. In 1978, she earned her Ph.D. in geology from Dalhousie University, Halifax,

Nova Scotia. During her time at Dalhousie, Sullivan participated in several oceanographic expeditions that studied the floors of the Atlantic and Pacific Oceans.

In 1977, Sullivan applied for a position as astronaut candidate for the National Aeronautics and Space Administration (NASA). Her application was successful and she was accepted as part of the first group of six women astronauts hired by the space agency. Training and evaluation commenced in 1978 and was completed the following year. Dr. Sullivan was now an official astronaut, qualified for selection on space flight crews. She would make her first flight aboard NASA's new fleet of Space Shuttles five years later. This flight, designated STS-41G (Space Transportation System), lifted off from the Kennedy Space Center (KSC) in Cape Canaveral, Florida, on October 5, 1984. While circling the Earth from the orbiter *Challenger*, Dr. Sullivan performed the first spacewalk or EVA (extra-vehicular activity) by an American woman. During her second shuttle flight, designated STS-31, she flew aboard the orbiter *Discovery*. Lifting off from KSC on April 24, 1990, she actively participated in deploying the Hubble Space Telescope (HST) into Earth orbit. Her third and final space flight occurred aboard *Discovery* once more, from March 24 to April 2, 1992. Dr. Sullivan served as Payload Commander on this mission, designated STS-45 - the first flight of Spacelab dedicated to NASA's Mission to Planet Earth program. In 1993, she retired from NASA but, not before logging a total of 532 hours in space.

Hand in hand with her NASA career, Dr. Sullivan also served her country with the U.S. Naval Reserve (USNR). In 1988, she became a direct commissioned officer with the rank of lieutenant commander. Two years later, Dr. Sullivan was given command of a specialized unit of oceanographers and meteorologists that was based at Naval Air Station Dallas. This facility provided support to the Naval Meteorology and Oceanography Command Center on the island of Guam. By the time of her retirement from the USNR in 2006, she had attained the rank of captain.

Though retired from NASA, Dr. Sullivan has since maintained a very active life. Aside from her work as an USNR officer that continued into the first years of the 21st century, she also served as President and Chief Executive Officer (CEO) of Ohio's Center of Science and Industry (COSI). Under her leadership, COSI enhanced its impact on science teaching in the classroom, as well as its national reputation as an innovator of hands-on, inquiry-based science learning resources. Additionally, from 2006-2011, she acted as Director for Ohio State University's Battelle Center for Mathematics and Science Education Policy while continuing with COSI as a volunteer science advisor.

Two decades after leaving NASA, Dr. Sullivan reentered public service within the federal government. In 2011, the Obama administration nominated, and the U.S. Senate confirmed, her as Assistant Secretary of Commerce for Environmental Observation and Prediction and Deputy Administrator for the National Oceanic and Atmospheric Administration (NOAA). Moreover, starting in early 2013, she served as acting NOAA Administrator. The following year, she was confirmed by the Senate as the Under Secretary of Commerce for Oceans and Atmosphere and simultaneously, as NOAA Administrator. She remained in these positions until early 2017.

Upon her retirement from government service, Dr. Sullivan was selected for the 2017 Charles A. Lindbergh Chair of Aerospace History Fellowship, at the Smithsonian Institution's National Air and Space Museum (NASM). During her time with the museum as a Fellow, she focused her research energies on the Hubble Space Telescope (HST). Based on this research, Dr. Sullivan wrote her book, *Handprints on Hubble: An Astronaut's Story of Invention*, which was released in 2019.

Dr. Sullivan's life as an explorer, researcher, scientist and public servant continued into the early 2020s. In 2020, she ventured aboard a specially equipped submarine to the bottom of the Challenger Deep in the Mariana Trench of the Pacific Ocean, becoming the first woman to reach the deepest known point of all of Earth's oceans, as well as the first person to travel to both the Challenger Deep and aboard the shuttle *Challenger* (and later, *Discovery*) into outer space. Also, late that year, Dr. Sullivan was named a volunteer member of President-Elect Biden's presidential transition Agency Review team to help facilitate transition efforts connected to the Commerce Department. In 2021, President Biden appointed her to the President's Council of Advisors on Science and Technology.

During her decades in public life, Dr. Sullivan has had many honors bestowed upon her and earned numerous awards – too numerous to list all of them here. The following is merely a sample: NASA Space

Flight Medal (1984 and 1990), the National Air and Space Museum Trophy, Smithsonian Institution (1985), NASA Exceptional Service Medal (1988 and 1991), NASA Medal for Outstanding Leadership ((1992), Ohio Veteran's Hall of Fame (2001), Ohio Women's Hall of Fame (2002), inductee into the Astronaut Hall of Fame (2004) and the *Aviation Week & Space Technology* Aerospace Legend Award (2005). Additionally, she has received honorary degrees from multiple colleges, including ones from Brown University and Willamette University.

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## Scope and Contents

### Scope and Content Note:

The Kathryn D. Sullivan Papers (acc. no. 2019-0007) reflect Dr. Sullivan's broad, restless curiosity regarding oceanography, geology, engineering, astronomy, space exploration and education advocacy. Sullivan's great contributions as a scientist, educator, astronaut and explorer are quite evident in this collection.

For the most part, this collection encompasses Dr. Sullivan's years spent as a NASA astronaut, with the U.S. Naval Reserve (USNR), as well as her post-NASA career as a federal government administrator, educator, scientist and explorer; roughly, from the 1970s through the 2010s. There is some material however, that dates back prior to this time span. This collection is a mixture of the following materials: correspondence, memoranda, notes, reports technical manuals, flight logs, photographs, speeches, news releases, papers, books, brochures, pamphlets, journals, magazines, articles and day planners. Additionally, there are some materials stored in oversized containers that include newspapers or sections of newspapers, Dr. Sullivan's Ph.D. dissertation from Dalhousie University in Halifax, Nova Scotia, certificates and awards, a photograph album, as well as matted photographs pertaining to her Space Shuttle flights (STS-41G, STS-31 and STS-45) and the Hubble Space Telescope (HST).

Upon receiving the Kathryn D. Sullivan Papers, the processing archivist did discern some order to this collection. Some materials, such as photographs, reports and speeches, tended to be grouped together. Other materials were threaded throughout in a more random fashion. Furthermore, most of the archival items had been already placed in some sort of files or folders. The processing archivist did rehouse these materials utilizing archival-friendly file folders and legal-size document cases.

This collection is arranged into three series. The first series is composed of personal materials that include correspondence, photographs, postcards, business cards and transcripts. Each type of archival material is organized chronologically and then alphabetically. The second series consists of professional materials and is by far and away the largest segment of the Kathryn D. Sullivan Papers. This series is arranged as follows: Dr. Sullivan's correspondence, memoranda, notes, reports, manuals (mainly Space Shuttle program-related), flight logs, photographs, speeches, news releases, policy directives and educational course materials, papers, Congressional hearings and testimony, books, brochures, catalogs and pamphlets, magazines and journals, certificates, articles, and miscellaneous materials (such as agendas, programs, day planners and photographic slides). All the above material is arranged chronologically and then alphabetically. The third series is composed of oversize materials. This material consists of newspapers or sections of newspapers (mainly focused on the Space Shuttle *Challenger* accident of 1986), Dr. Sullivan's Ph.D. dissertation, a photograph album, awards and certificates, as well as matted photographs, largely pertaining to her three Space Shuttle flights and the Hubble Space telescope (HST).

Please note: the initials "KDS" refer to Kathryn D. Sullivan.

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## Arrangement

This collection is arranged into three series. The first series is composed of personal materials that include correspondence, photographs, postcards, business cards and transcripts. Each type of archival material is organized chronologically and then alphabetically. The second series consists of professional materials and is by far and away the largest segment of the Kathryn D. Sullivan Papers. This series is arranged

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## Names and Subject Terms

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

### Subjects:

- Astronautics
- Hubble (Large) Space Telescope
- Manned space flight
- Oceanography
- Space Shuttle Program (U.S.)
- Space sciences

### Types of Materials:

- Correspondence
- Photographs
- Reports

### Names:

- United States. National Aeronautics and Space Administration

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## Container Listing

### Personal Materials

Box 1, Folder 1	Correspondence and drawing, Sullivan family trophy for STS-41-G, 1985-1986
Box 1, Folder 2	Correspondence, photographs and magazine, "attagirl", 1989-2017
Box 1, Folder 3	Correspondence, greeting cards and invitations, personal, miscellaneous, 1993-2005
Box 1, Folder 4	Correspondence, personal, "thank you's", 1994-2016
Box 1, Folder 5	Correspondence and invitations, personal, First ladies Salute First Women, 2000
Box 1, Folder 6	Correspondence, personal, "Why Freedom Matters", 2003
Box 1, Folder 7	Correspondence, personal, regarding National Science Board and a public service award, 2003-2004
Box 1, Folder 8	Photographs, personal, 1953-1978
Box 1, Folder 9	Photographs, KDS and Olympic Torch run
Box 1, Folder 10	Postcards and business cards
Box 1, Folder 11	Transcripts, KDS, 1971-1973

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## Professional Materials

Box 2, Folder 1	Correspondence, newspaper clippings and report, National Commission on Space, 1986
Box 2, Folder 2	Correspondence, memoranda, reports and articles, Mars Observer Mission Failure Investigation Board, 1993-1995
Box 2, Folder 3	Correspondence and memoranda, Women's Forum of Washington, 1995
Box 2, Folder 4	Correspondence and printed email, Woods Hole "Atlantis" cruise, 1999-2000
Box 2, Folder 5	Correspondence and brochures, World Economic Forum, 1999-2000
Box 2, Folder 6	Correspondence and invitations, Leader in Space Award, Adler Planetarium, Chicago, IL, 2004
Box 2, Folder 7	Correspondence and notes, America's Ocean Challenge organization, 2005
Box 2, Folder 8	Correspondence and printed emails, COSI, 2005-2006
Box 2, Folder 9	Correspondence and articles, KDS speaking engagements and appearances, 2005-2006
Box 2, Folder 10	Correspondence, printed emails, memoranda and articles, Columbus Metropolitan Club forum, 2006-2007
Box 2, Folder 11	Correspondence, notes and reports, KDS involvement with The Ohio State University Battelle Center for Mathematics and Science Education Policy, 2006-2008
Box 2, Folder 12	Memoranda, navy officer billet classification (NOBC) certification, 1992
Box 2, Folder 13	Memoranda, notes and photograph, project status for February, 1993, KDS and U.S. Navy, 1993
Box 2, Folder 14	Memoranda and notes, National Science Board, 1996
Box 2, Folder 15	Memoranda and program, Columbus Symphony Orchestra's Young People's Concert, 1997
Box 3, Folder 1	Memoranda, reports and articles, National Science Foundation budget, 2006-2007
Box 3, Folder 2	Memoranda, draft of speech, notes, reports and articles, regarding 113th Congress House Science, Space and Technology on Environment, 2013
Box 3, Folder 3	Notebook, software, 1980



Box 3, Folder 4	Notebook, flight software notes, 1981
Box 3, Folder 5	Notebook, Space Shuttle operations, 1981
Box 3, Folder 6	Notebook, STS-6, IUS and TDRS, 1981-1982
Box 3, Folder 7	Notebook, STS-5 launch, 1982
Box 3, Folder 8	Notebook, STS-17 (41-G), 1983-1984
Box 3, Folder 9	Notebook, Earth observation notes, 1985
Box 4, Folder 1	Notes, miscellaneous, 1988-1989
Box 4, Folder 2	Notebook, Atlas 1 and Space Shuttle operations (STS-45), 1990
Box 4, Folder 3	Notebook, AEPI tapes, 1991
Box 4, Folder 4	Notebook, Atlas 1 and PCTC sims, 1991
Box 4, Folder 5	Notebook, Atlas 1 sims, 1991
Box 4, Folder 6	Notebook, Hubble Space Telescope, 1991
Box 4, Folder 7	Notes and memoranda, 1991-1992
Box 4, Folder 8	Notebook, Earth orbit photography, 1992
Box 4, Folder 9	Notebook, KDS STS-45 orbital logbook, empty [includes loose notes, n.d.], 1992
Box 4, Folder 10	Note pad, "Reporter's Space Flight Note Pad", Rockwell International, 1992
Box 4, Folder 11	Notes, Space Shuttle training, 1992
Box 4, Folder 12	Notes and memoranda, Chief of Naval Operations (CNO) Executive Panel, domestic issues, 1993
Box 4, Folder 13	Notes and briefing, Chief of Naval Operations (CNO) Task Force, miscellaneous, 1994
Box 4, Folder 14	Notes and articles, Sea-Space Symposium, 1994-1995
Box 5, Folder 1	Notes, slides, photographs and articles, Von Braun Symposium, 1995
Box 5, Folder 2	Notebook/day planner, KDS, 2008-2009

Box 5, Folder 3	Notes, reports and memoranda, conference, "National Conversation on Integrated Water Information for the 21st Century", 2016
Box 5, Folder 4	Notes, memoranda and article, Dalio Ocean Initiative, 2016
Box 5, Folder 5	Notes and reports, NOAA - Science Advisory Board (SAB), 2016
Box 5, Folder 6	Notes, KDS speech, n.d.
Box 5, Folder 7	Report, "STS-1 Technical Crew Debriefing", NASA, Johnson Space Center, Houston, TX, 1981
Box 5, Folder 8	Report, "STS-2 Crew Debriefing", NASA, 1981
Box 5, Folder 9	Reports, press releases and notes, STS-1 post-flight, 1981
Box 6, Folder 1	Report, "Office of Space Sciences-1 Experiment Investigation Descriptions", NASA, Goddard Space Flight Center (GSFC), Greenbelt, MD, 1982
Box 6, Folder 2	Report, "STS-2 Orbiter Mission Report", Lyndon B. Johnson Space Center, NASA, Houston, TX, 1982
Box 6, Folder 3	Report, "STS-3 Flight Crew Report", NASA, 1982
Box 6, Folder 4	Reports, STS-3/OSS-1 results and descriptions, 1982
Box 6, Folder 5	Report, "STS-4 Crew Report", NASA, 1982
Box 6, Folder 6	Report, visit by the STS-3 crew and their spouses to the People's Republic of China (PRC), 1982
Box 6, Folder 7	Report, "STS-5 Flight Crew Report", NASA, 1983
Box 6, Folder 8	Report, "STS-7 Flight Crew Report", NASA, 1983
Box 6, Folder 9	Report, "STS-9 Flight Crew Report", NASA, 1983
Box 6, Folder 10	Report, "STS-8 Flight Crew Report", NASA, 1984
Box 6, Folder 11	Report, "STS-41-B Flight Crew Report", NASA, 1984
Box 6, Folder 12	Report, "STS-41-C Flight Crew Report", NASA, 1984
Box 6, Folder 13	Report, "STS-41-G Technical Crew Debriefing", NASA, 1984
Box 6, Folder 14	Report, "STS-41-D Flight Crew Report", NASA, 1985
Box 6, Folder 15	Report, "STS-51-A Flight Crew Report", NASA, 1985

Box 6, Folder 16	Report, "STS-61-B Flight Crew Report", NASA, 1985
Box 6, Folder 17	Report, "STS-51-I Quick Look Review", NASA, 1985
Box 6, Folder 18	Report, "Navy Oceanographer Shuttle Operations - STS-41-G, Mission Report", Navy Space Oceanography Committee, NVSC Technical Document 7611, 1986
Box 6, Folder 19	Report, Chief of Naval Operations (CNO), "CNO Task Force on the Role of the Naval Reserve in the Maritime Strategy", 1988
Box 6, Folder 20	Report, NASA Technical Memorandum 4101, "Atmospheric Laboratory for Applications and Science Mission 1", NASA, 1988
Box 7, Folder 1	Report, "STS-26 Flight Crew Report", NASA, 1988
Box 7, Folder 2	Report, "STS-27 Flight Crew Report", NASA, 1988
Box 7, Folder 3	Report, "STS-30 Flight Crew Report", NASA, 1989
Box 7, Folder 4	Report, "STS-31 Flight Crew Briefing", NASA, 1990
Box 7, Folder 5	Report, "STS-32 Flight Crew Report", NASA, 1990
Box 7, Folder 6	Report, "STS-38 Flight Crew Report", NASA, 1990
Box 7, Folder 7	Report, "STS-37 Flight Crew Report", NASA, 1991
Box 7, Folder 8	Report, "STS-39 Flight Crew Report", NASA, 1991
Box 7, Folder 9	Report, "STS-40 Flight Crew Report", NASA, 1991
Box 7, Folder 10	Report, "STS-43 Flight Crew Report", NASA, 1991
Box 7, Folder 11	Report, "STS-45 Earth Observations Photographic Debrief", NASA, 1992
Box 7, Folder 12	Report and press kit, "STS-45 Flight Crew Briefing", NASA, 1992
Box 7, Folder 13	Report, "COSI Development Plan for Ohio's 21st Century", Center of Science & Industry, 1994
Box 7, Folder 14	Briefing, "2010: The Navy After Next", 1994
Box 7, Folder 15	Report, "Heidrick & Struggles International", 1999
Box 7, Folder 16	Report, "Cracking the Glass ceiling - Catalyst's Research on Women in Corporate Management, 1995-2000", Catalyst, New York, NY , 2000
Box 7, Folder 17	Reports, PEW Oceans Commission, 2000-2005

Box 8, Folder 1	Report, "National Plan for the Centennial of Flight Commemoration", U.S. Centennial of Flight Commission, 2001
Box 8, Folder 2	Reports, agendas and articles, National Science Board - The Ohio State University retreat, 2005-2009
Box 8, Folder 3	Reports, agendas and notes, "Governor's Institute for Creativity and Innovation in Education", Columbus, OH, 2008
Box 8, Folder 4	Report, "Metro High School: An Emerging STEM School Community", volume I and II, by Monica S. Hunter and Robert Agranoff, The Ohio State University, 2008
Box 8, Folder 5	Briefing book, "NOAA 101", for the position of assistant secretary of Commerce for observation and prediction, 2010
Box 8, Folder 6	Report, "All Hands on Deck - NOAA's Accomplishments, 2009-2012", 2012
Box 9, Folder 1	Report, "FY2013 Budget Summary", NOAA, 2012
Box 9, Folder 2	Report, "UNFCCC COP21 Conference", Paris-Le Bourget, France, 2015
Box 9, Folder 3	Report, "FY15 NOAA Budget Quads Review Binder", KDS, as Under Secretary, NOAA, 2015
Box 9, Folder 4	Report, "NOAA FY17 Budget Hearing", House Science, Space & technology Committee, 2016
Box 9, Folder 5	Reports, National Weather Service and the private enterprises workshop, 2016
Box 9, Folder 6	Report, "NOAA Chief Scientist's Annual report", NOAA, 2016
Box 10, Folder 1	Reports, "The White House Arctic Science Ministerial", Washington, D.C., 2016
Box 10, Folder 2	Report, "2017 Induction Programs", American Academy of Arts & Sciences, 2017
Box 10, Folder 3	Manual, "Manned Maneuvering Unit", operational data book, Martin Marietta, 1983
Box 10, Folder 4	Manual, "Extravehicular Mobility Unit Mini-Data Book", Hamilton Standard, 1984
Box 10, Folder 5	Checklist, "Flight Data File Payload Operations Checklist - STS 41-G", NASA, 1984

Box 10, Folder 6	Training handbook, "Entry Flight Training for Commander and Pilot", NASA, 1985
Box 10, Folder 7	Manual, "MMU/FSS Training Workbook", NASA, 1988
Box 10, Folder 8	Checklist, "EVA Checklist - STS-31 Flight Supplement", NASA, 1990
Box 11, Folder 1	Manual, "Payload Systems Data and Malfunction Procedures STS-31", Hubble Space Telescope Deployment Mission, NASA, 1990
Box 11, Folder 2	Manual, "Shuttle Crew Operations Manual", NASA [folder 1 of 3], 1991
Box 11, Folder 3	Manual, "Shuttle Crew Operations Manual", NASA [folder 2 of 3], 1991
Box 11, Folder 4	Manual, "Shuttle Crew Operations Manual", NASA [folder 3 of 3], 1991
Box 11, Folder 5	Manual, "STS-45 Earth Observations Preflight Training Manual", NASA, 1991
Box 12, Folder 1	Checklist, "EVA Checklist STS-45" and KDS black notebook, NASA [folder 1 of 2], 1992
Box 12, Folder 2	Checklist, "EVA Checklist STS-45", NASA [folder 2 of 2], 1992
Box 12, Folder 3	Manual, "Space Shuttle Extravehicular Mobility Unit - Space Suit Assembly (SSA) Mini-Databook"
Box 12, Folder 4	Manual (loose pages), STS-45 training
Box 12, Folder 5	Flight logs, KDS flying time, 1978-1988
Box 12, Folder 6	Flight logs, KDS' "Summary of Pilot Flight Hours", 1978-1986
Box 12, Folder 7	Flight logs, KDS' "Pilot Individual Flight Record", 1986-1992
Box 13, Folder 1	Flight logs, KDS flying time [includes log for STS-45 orbiter "Atlantis" flight], 1989-1992
Box 13, Folder 2	Photographs, STS-2 chase aircraft photography, 1981
Box 13, Folder 3	Photographs, STS-2, T-38 and SR-71 launches and landings, 1981
Box 13, Folder 4	Photographs, STS-41-G, miscellaneous training and crew, 1983-1984
Box 13, Folder 5	Photographs, IMAX/STS-41-G flight, 1984
Box 13, Folder 6	Photographs, KDS and her Space Shuttle missions [folder 1 of 3], 1984-1997
Box 13, Folder 7	Photographs, KDS and her Space Shuttle missions [folder 2 of 3], 1984-1997

Box 13, Folder 8	Photographs, KDS and her Space Shuttle missions [folder 3 of 3], 1984-1997
Box 14, Folder 1	Photographs, STS-31, "best pix" [Earth], 1985
Box 14, Folder 2	Photographs, TOYA meeting, 1987
Box 14, Folder 3	Photographs, KDS and Chief of Naval Operations (CNO), 1990
Box 14, Folder 4	Photographs, NASA/Kennedy Space Center (KSC) arrival with T-38 aircraft, 1990
Box 14, Folder 5	Photographs, STS-31, Hubble Space Telescope (HST) and crew, 1990
Box 14, Folder 6	Photographs, STS-31 launch [folder 1 of 2], 1990
Box 14, Folder 7	Photographs, STS-31 launch [folder 2 of 2], 1990
Box 14, Folder 8	Photographs, KDS, miscellaneous, 1992-1998
Box 14, Folder 9	Photographs, STS-45 NASA prints, 1992
Box 14, Folder 10	Photographs, KDS, mostly of award and swearing-in ceremonies, 1994-2015
Box 14, Folder 11	Photographs, KDS and U.S. Attorney General, Janet Reno, 1995
Box 14, Folder 12	Photographs, COSI construction, 1997-1998
Box 14, Folder 13	Photographic negatives and transparencies, miscellaneous
Box 15, Folder 1	Photographic slides, COSI/KDS
Box 15, Folder 2	Photographs, KDS and of Earth
Box 15, Folder 3	Photographic slides, miscellaneous
Box 15, Folder 4	Photo album, KDS at the NASA/STDN station in Santiago, Chile
Box 15, Folder 5	Photographs and slides, KDS at 3rd International Human-Powered Sub Race
Box 15, Folder 6	Photographs, miscellaneous, NASA, including the STS-51L Challenger crew
Box 15, Folder 7	Photographs, Space Shuttle OV-105 arrival at Johnson Space Center (JSC), Houston, TX
Box 15, Folder 8	Speeches and drafts of speeches, miscellaneous, 1993-2000
Box 15, Folder 9	Speeches, speaking points and articles, miscellaneous, 1995-2005

Box 16, Folder 1	Speech, Columbus Metropolitan Club, Columbus, OH, 1996
Box 16, Folder 2	Speech, commencement address, Columbus School for Girls, 1997
Box 16, Folder 3	Speech, The Ohio State University, commencement address, 1997
Box 16, Folder 4	Speech, Bexley High School commencement, 1999
Box 16, Folder 5	Speech, KDS, keynote address, National Science Board, The Getty Center, Los Angeles, CA, 1999
Box 16, Folder 6	Speech, keynote address, RCMA Opening Session, 1999
Box 16, Folder 7	Speech, materials pertaining to Delta Gamma fraternity, 2001
Box 16, Folder 8	Speech, Kent State University, commencement address, 2002
Box 16, Folder 9	Speech, Rotary and Kiwanis Clubs remarks, Columbus, OH, 2002
Box 16, Folder 10	Speech, Chautauqua Institute, "Reaching for the Stars", 2003
Box 16, Folder 11	Speech, KDS remarks, Columbus Women Execs
Box 16, Folder 12	News releases, bulletins and articles, Space Shuttle performance and specifications, 1982-1983
Box 16, Folder 13	Press kit, Space Shuttle Mission 51-L, NASA, 1986
Box 16, Folder 14	Media reference guide, Hubble Space Telescope, NASA and Lockheed Missiles & Space Company, Inc., 1990
Box 16, Folder 15	News releases, NASA, miscellaneous, 1992-2002
Box 17, Folder 1	Press releases, NASA, STS-45 mission highlights, 1992
Box 17, Folder 2	Broadcast guide, "Mission Discovery - John Glenn's Return to Space", Ohio News Network [folder 1 of 2], 1998
Box 17, Folder 3	Broadcast guide, "Mission Discovery - John Glenn's Return to Space", Ohio News Network [folder 2 of 2], 1998
Box 17, Folder 4	Announcement, The Kathryn Sullivan Fund, The Ohio State University [with certificate holder]
Box 17, Folder 5	Course materials, Science and Technology Policy, PPM880K05 [folder 1 of 4], 2009
Box 18, Folder 1	Course materials, Science and Technology Policy, PPM880K05 [folder 2 of 4], 2009

Box 18, Folder 2	Course materials, Science and Technology Policy, PPM880K05 [folder 3 of 4], 2009
Box 18, Folder 3	Course materials, Science and Technology Policy, PPM880K05 [folder 4 of 4], 2009
Box 18, Folder 4	Educational course materials, KDS, "Concepts for Innovative K-12 Education at Monterey"
Box 18, Folder 5	Papers, corporate and leadership diversity, 1985-2000
Box 19, Folder 1	Papers, articles, notes and briefings, Chief of Naval Operations (CNO) Executive Panel (CEP), miscellaneous, 1992-1993
Box 19, Folder 2	Papers, articles, notes and memoranda, Chief of Naval Operations (CNO) Executive Panel (CEP), naval innovation, 1994-1995
Box 19, Folder 3	Papers, briefings and memoranda, Chief of Naval Operations (CNO) Executive panel (CEP), naval surface warship design, 1995
Box 19, Folder 4	Congressional Hearing report, "Hearing before the Committee on Commerce, Science, and Transportation United States Senate", U.S. Government Printing Office, Washington, D.C., 1994
Box 19, Folder 5	Congressional Hearing report, KDS, "United States Department of Commerce Senate Confirmation Process", Kathryn D. Sullivan, nominee for Assistant Secretary of Commerce, NOAA, U.S. Senate, Washington, D.C., 2010
Box 19, Folder 6	Congressional Hearing report, "Oversight of the President's Fiscal Year 2014 Budget Request for Coast Guard and NOAA", U.S. Senate, Washington, D.C., 2013
Box 20, Folder 1	Book, "Starship Squadron", on the Soyuz 6, 7 and 8 flights [in Russian], 1969
Box 20, Folder 2	Book, "Pioneering the Space Frontier", Bantam Books, New York, NY, 1986
Box 20, Folder 3	Booklet, "The Presidential Appointee's Handbook", National Academy of Public Administration, 1988
Box 20, Folder 4	Booklet, "AEPI - Atmospheric Emissions Photometric Imaging Experiment", Lockheed Palo Alto Research Laboratories, NASA Marshall Space Flight Center, 1992
Box 20, Folder 5	Booklet, "Department of the Navy - The Navy-Marine Corps Team", Department of the Navy, 1995
Box 20, Folder 6	Book, "The Freshwater Imperative - A Research Agenda", edited by Robert J. Naiman, Island Press, Washington, D.C., 1995
Box 20, Folder 7	Book, "NASA Pocket Statistics", NASA, 1995



Box 20, Folder 8	Booklet, "Walking to Olympus: An EVA Chronology", David S. F. Portree and Robert C. Trevino, NASA History Office, NASA [includes NASA news releases and notes on space suits], 1997
Box 20, Folder 9	Book, "Oceanographers and Explorers of the Sea", Kirk Polking, Enslow Publishers, Inc., Springfield, NJ, 1999
Box 20, Folder 10	Book, "Greatest Irish Americans of the 20th Century", edited by Patricia Harty, Oak Tree Press, Dublin, Ireland, 2001
Box 21, Folder 1	Book, "Down to the Sea for Science", Vicky Cullen, Woods Hole Oceanographic Institution, Woods Hole, MA , 2005
Box 21, Folder 2	Book, "Women Leading the Way", edited by Laura Bidwa, Jefferson Center for Learning and the Arts, Columbus, OH, 2005
Box 21, Folder 3	Book, "Generative Leadership - Shaping New Futures for Today's Schools", Karl J. Klimek, Elsie Ritzenhein and Kathryn D. Sullivan, Corwin Press, Thousand Oaks, CA, 2008
Box 21, Folder 4	Booklet, "Cool Careers in Engineering", Tam O'Shaughnessy, Sally Ride Science, San Diego, CA, 2010
Box 21, Folder 5	Book, "Beyond Sputnik - U.S. Science Policy in the 21st Century", Homer A. Neal, Tobin L. Smith and Jennifer B. McCormick, The University of Michigan Press, Ann Arbor, MI, 2011
Box 21, Folder 6	Book, "Congratulations, Graduate!", edited by Mark Evan Chimsky, Sellers Publishing, Inc., South Portland, ME, 2016
Box 21, Folder 7	Booklet, "Dive and Discover Educator's Companion", Woods Hole Oceanographic Institution and the Center of Science and Industry, Columbus, OH
Box 22, Folder 1	Pamphlets, brochures and articles, Hubble Space Telescope, 1985-1995
Box 22, Folder 2	Catalog, "The Astronaut as Photographer - A Personal View of the Universe", Shawn Aubitz, National Archives - Mid Atlantic Region, 1996
Box 22, Folder 3	Brochure, correspondence and photographs, Center of Science and Industry (COSI), 1999
Box 22, Folder 4	Pamphlet and brochures, KDS and the Center of Science and Industry (COSI), 2003
Box 22, Folder 5	Brochures, "Career in Physics", The American Physical Society and American Institute of Physics, New York, NY
Box 22, Folder 6	Journal, "Canadian Journal of Earth Sciences", vol. 15, no. 9, 1978

Box 22, Folder 7	Magazines and journals, miscellaneous, 1982-1994
Box 22, Folder 8	Magazines, miscellaneous, 1982-2014
Box 23, Folder 1	Magazines and article, miscellaneous, 1989-2014
Box 23, Folder 2	Magazines and journals, miscellaneous, 1989-1992
Box 23, Folder 3	Magazines and journals, miscellaneous, 1990
Box 23, Folder 4	Magazines, journals and newsletter, miscellaneous, 1990-2011
Box 23, Folder 5	Magazine, "Odyssey", vol. 1, no. 1, 1992
Box 23, Folder 6	Magazine, "Working Woman", 1996
Box 24, Folder 1	Magazine, "O - The Oprah Magazine", 2001
Box 24, Folder 2	Magazine, "Highlights for Children", 2004
Box 24, Folder 3	Magazine, "Ohio Magazine", 2005
Box 24, Folder 4	Certificates, citations and awards, KDS, miscellaneous, 1981-2000
Box 24, Folder 5	Citation, KDS, honorary degree, Dalhousie University, Halifax, Nova Scotia, Canada, 1985
Box 24, Folder 6	Citation, KDS, "Navy Commendation Medal", Department of the Navy, 1992
Box 24, Folder 7	Certificates, citations and awards, KDS, miscellaneous, 2001-2002
Box 24, Folder 8	Citation, KDS, "2001 Ohio Veterans Hall of Fame", U.S. Senate, 2001
Box 25, Folder 1	Certificate, honorary degree, KDS, Kent State University, OH, 2002
Box 25, Folder 2	Certificate, KDS, Ohio Aerospace and Defense Advisory Council, 2002
Box 25, Folder 3	Certificate, KDS, National Aviation Hall of Fame, Dayton, OH, 2009
Box 25, Folder 4	Certificate, KDS, honorary degree, American University, Washington, D.C., 2015
Box 25, Folder 5	Citation and correspondence, KDS, EAA Air Venture, Osh Kosh, WI, 2015
Box 25, Folder 6	Citation, KDS, National Aeronautics and Space Administration (NASA), in honor of the 25th anniversary of the launch of the Hubble Space Telescope (HST), 2015

Box 25, Folder 7	Article, "Man Will Conquer Space Soon", Wernher von Braun, "Colliers", 1952
Box 25, Folder 8	Article and newspaper clippings, miscellaneous, 1984-1990
Box 25, Folder 9	Articles, miscellaneous, about or by KDS, 1988-2002
Box 25, Folder 10	Articles, KDS, miscellaneous, 1992
Box 25, Folder 11	Articles and reports, multicultural topics [from the National Multicultural Institute], 1993
Box 25, Folder 12	Articles, presentations and reports, Antarctica and the Falklands, 1994-2001
Box 25, Folder 13	Article, "Directors & Board Magazine", 1998
Box 26, Folder 1	Article, by KDS, Microsoft Encarta, 1998
Box 26, Folder 2	Article, by KDS, "Oceanus", 1998
Box 26, Folder 3	Articles, on KDS, 1999
Box 26, Folder 4	Articles, about KDS, miscellaneous, 2000-2002
Box 26, Folder 5	Articles, miscellaneous, 2000-2004
Box 26, Folder 6	Article, "Champions of Industry", Pat Summerall Productions, 2001
Box 26, Folder 7	Article, by KDS, "Vivid Magazine", 2002
Box 26, Folder 8	Article, "Technology and Human Vulnerability, "Harvard Business Review", 2003
Box 26, Folder 9	Article and correspondence, "Walking in Space", KDS, "National Geographic", 2004
Box 26, Folder 10	Article, by KDS, "Modeling the Scientific Workforce", 2010
Box 26, Folder 11	Articles, notes and agendas, World Economic Forum, 2015
Box 26, Folder 12	Article [foreword], by KDS
Box 26, Folder 13	Agenda, notes, article and paper, 2009 Kathryn D. Sullivan Scholarship in Earth and Marine Sciences, for Devon Orme, 2009
Box 26, Folder 14	Field Journal, KDS, "Ekskursjoner", 1971-1972
Box 26, Folder 15	Invitations, miscellaneous events, KDS [includes White House visit and photograph of the Obamas], 2013-2016

Box 26, Folder 16	<a href="#">Newsletters and pamphlets, miscellaneous, 1978-1991</a>
Box 26, Folder 17	<a href="#">Program and menu, Chapitre des Roses et de l'Espace, 1985</a>
Box 26, Folder 18	<a href="#">Programs, STS-51L "Challenger" memorial, 1986</a>
Box 26, Folder 19	<a href="#">Program, notebook, notes, correspondence, memoranda and brochures, KDS visit to the Soviet Union for the 30th anniversary of the launch of "Sputnik", 1987</a>
Box 27, Folder 1	<a href="#">Programs and invitations, miscellaneous ceremonies and events, 2000-2015</a>
Box 27, Folder 2	<a href="#">Program, brochure and tickets, KDS official visit to Cuba, 2015</a>
Box 27, Folder 3	<a href="#">Sample letter, regarding how to become an astronaut, 1997</a>
Box 27, Folder 4	<a href="#">Student questions and cartoons for STS-45</a>
Box 28	<a href="#">Day planners, 1980-1987</a>
Box 29	<a href="#">Photographic slides</a>

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## Oversized Materials

Box 30	<a href="#">Newspapers and clippings, 1986</a> Notes: These relate to the Space Shuttle Challenger accident.
Box 31	Kathryn D. Sullivan dissertation, 1978
Box 32	<a href="#">Photo album featuring flight of STS-41G, certificate and menu, 1984-2000</a>
Box 33	<a href="#">Awards and certificates for KDS</a>
Box 34	<a href="#">Photographs, matted [Space Shuttle and Hubble Space Telescope], miscellaneous</a>

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