Descriptive Summary

Creator Information  Power, Clifford Blake, 1961-

Title  Clifford Blake Powers papers

Collection Identifier  MSP 80

Date Span  1962-2003, predominant 1990-2002

Abstract  This collection contains promotional materials, papers and publications related to the public relations, technical writing, editing and marketing career of Clifford Blake Powers. Included are NASA and mission related mugs, glassware, textiles, posters, press kits, and other printed material. Also includes NASA publications, photographs, journal articles, books, memorabilia, as well as awards and certificates achieved by Powers.

Extent  25.3 cubic feet (6 cubic feet boxes, 27 mss boxes, 5 medium flat boxes, 3 small flat boxes and 7 loose, oversized items)

Finding Aid Author  Mary A. Sego, 2015

Languages  English

Repository  Virginia Kelly Karnes Archives and Special Collections Research Center, Purdue University Libraries

Administrative Information

Location Information:  ASC-R

Access Restrictions:  Collection is open for research. The collection is stored offsite; 24 hours notice is required to access the collection.

Acquisition Information:  Donated by Clifford Blake Powers, April 8, 2009-December 5, 2012

Accession Number:  20090408
                      20090708--addition 1
                      20090806--addition 2
                      20091221--addition 3
                      20100806--addition 4
Preferred Citation: MSP 80, Clifford Blake Powers papers, Karnes Archives and Special Collections, Purdue University Libraries

Copyright Notice: Purdue University per deed of gift
Subjects and Genres

Persons
Powers, Clifford Blake, 1961-

Organizations
NASA
George C. Marshall Space Flight Center
Essex Corporation
CST, Incorporated
Purdue University. Weldon School of Biomedical Engineering
Flight Archives at Purdue University

Topics
Marketing
Journalism, Scientific.
Journalism, Technical.
Microgravity Research Program (U.S.)
Project management
Public Relations
Space Station Freedom Program (U.S.)
Space stations--Microbiology
Spacelab Program
Technical writing
Tethered Satellite System
Tethered satellites
United States. Space Shuttle Program
Writing

Form and Genre Types
Articles
Artifacts
Awards
Books
Buttons
Certificates
Clothing
Commemorative pins
First day covers (Philately)
Images
Memorabilia
Papers
Patches
Photographs
Plaques
Posters
Press kits (NASA)
Promotional materials
Publications (NASA)
Scrapbooks

Occupations
Authors
Journalist
Photographers
Writers
Biography of Clifford Blake Powers

Clifford Blake Powers is a 1978 graduate of Stratford Academy, an independent college preparatory school in Macon, Georgia. He also did a National Science Foundation summer studies program in energy and national policy at Stratford Academy. Powers studied engineering, English, and psychology at Auburn University before completing his bachelor’s degree in journalism at Columbia College Chicago. As part of his undergraduate studies he served a photographic internship at Playboy magazine and earned his private pilot’s license in 1980. He earned his Master of Science in Communications at the University of Tennessee in 1989, and earned a certificate in International Marketing and Management from the University of Alabama, Huntsville in 1991. In addition, he has undergone Air Force physiological training for high-altitude and specialized flight and holds military expert ratings with M-16 and issue pistol. Most recently he was a Fellow at the Knight Center for Specialized Journalism for seminars on “U.S. Military: New President, New Outlook?” and “Digital Life: Policy & Privacy Online” and earned his Basic Emergency Management Certificate (MEMS) and completed the IGR Basic Ground Search and Rescue course.

Powers has more than 25 years’ experience in communications, including work in high technology and biomedical journalism, public relations, and marketing and is an award winning author and photographer. While he worked in high school, his professional career began as an undergraduate working at WEGL and WAUD radio stations in Auburn, and at the Auburn Plainsman newspaper. He did freelance work for a variety of outlets, which led to his becoming Correspondent-at-Large for Space World Magazine in 1983. In 1985 he became Senior Science Writer for Schneider Services International in support of Public Affairs Office operations at the U.S. Air Force Arnold Engineering Development Center where he managed disaster preparedness planning, productivity analysis, office automation development, and edited the base technical magazine among other duties. After earning his Master’s, he worked for Essex Corporation, where he was the project manager (publications) for the First United States Microgravity Laboratory mission (USML-1), the Second United States Microgravity Laboratory mission (USML-2), the Astro-2 mission, the Gamma Ray Observatory lesson from space (flight visual), Spacelab J mission, and the first Tethered Satellite System mission (TSS-1). After a time doing freelance work, he was hired by CST, Inc. to be the Director of Outreach for NASA’s Space Product Development Program. He then worked at Purdue doing marketing for the Weldon School of Biomedical Engineering. While there, he took vacations to serve as a photojournalist in Iraq in 2007/2008. Powers later wrote a book featuring his photographs about the day-to-day life with troops in Iraq. In addition to print and broadcast work for a variety of outlets worldwide, he is also the author of “The Soviet Watchers” (his Master’s thesis); “A Different View: Travels with Team Easy, Iraq 2007; “A Different View: Travels to Al Qa’im and Beyond;” “A Bride to the Moon;” “A Different View: DJ, Doura, and Arab Jabour;” and “Flight of the Fantasy.”

Source: As noted by Powers: [http://blakepowers.net/?page_id=8](http://blakepowers.net/?page_id=8)
Collection Description

Scope

The Clifford Blake Powers papers (1962-2003; 25.3 cubic feet) primarily document Powers’ career with Essex Corporation and CST, Incorporated, in association with NASA. The papers also include various NASA-related publications, promotional material and memorabilia collected by Powers.

The papers contain a varied assortment of artifacts, papers and publications related to Powers’ employment at Essex Corporation, where he was the project manager (publications) for the First United States Microgravity Laboratory mission (USML-1), the Second United States Microgravity Laboratory mission (USML-2), the Astro-2 mission, the Gamma Ray Observatory lesson from space (flight visual), Spacelab J mission, and the first Tethered Satellite System mission (TSS-1). Also included are items from his employment at CST, Incorporated as the Director of Outreach for NASA’s Space Product Development Program. Included are a wealth of NASA and mission related mugs, glassware, memorabilia, posters, press kits, promotional materials, and other printed material.

The papers also include NASA publications, photographs, journal articles, and books, as well as awards and certificates from Powers’ years of associated employment with NASA. The varied types of material include: articles, artifacts, awards, books, buttons, certificates, clothing, first day covers (philately), NASA images, memorabilia, papers, patches, photographs, pins, plaques, posters, press kits (NASA), promotional materials, publications (NASA), a scrapbook, and assorted miscellaneous items.

Arrangement

The papers are organized into seven series:

1. NASA Publications and Press Kits, 1967-1999 (9.9 cubic feet). Materials in this series are arranged into four subseries; NASA Publications; NASA Brochures, Information Sheets, Pamphlets and Miscellaneous Items; NASA Press Kits and Information; and NASA Teaching Materials. The items are arranged chronologically within each group, and descriptions of each subseries is found before the listings for each.

2. Books, Journals, Newspapers and Articles, 1962-2003 (2.5 cubic feet). The books in this series are aircraft, aviation, and aeronautics related, along with a few miscellaneous titles. Some of Powers’ gift books were cataloged and added to Purdue’s collection. A list of those books is found within the finding aid.

Among the journals are Life and Look magazine special issues related to Apollo 8, issues of High Mach, and AEDC Test Highlights: Arnold Engineering Development...
Center, published by Schneider Services International, while Powers was employed there as a senior science writer, and issues of Space World, collected while Powers was a correspondent for the magazine. Also included are various magazines and newsletters published in the Huntsville, and Auburn, AL areas. Other journals include special issues of Time, Newsweek and U.S. News & World Reports related to the Space Shuttle Challenger disaster and the World Trade Center and 9/11. Please see the finding aid for a complete listing of the journals, as additional miscellaneous titles round out the collection of journals.

The newspapers provide special issues and cover stories of key historical events related to Apollo 11, the Columbia and Challenger disasters, and the return to space following the accidents. A few miscellaneous shuttle related cover stories are also found among the newspapers.

The articles contain three articles written by Powers, various articles related to protein crystal growth, and “notes and coursework on national energy policies,” and related reading material. Also included are various “materials processing” articles, “Spacehab,” “Orbiter Experiments (OEX) Program,” “Results of Medical Research Performed on the 326-day Flight of the Second Prime Crew on the Mir Space Station,” and Space Program – Public Opinion surveys from 1990.

3. Photographs, Audio Visual Material and Digital Media, 1979-2003 (1.1 cubic feet). The photographs in this series include a binder of NASA related photographs; rockets, crews (some signed), photographs from space, and many official NASA photographs with descriptions on the back. There are some “robotics” related photographs and five, Southwest Research Institute, San Antonio, Texas, “Astronomers get ultraviolet look at the moon,” photographs.

Audio visual material includes a 3.5” floppy disk; “Celebrating 20 Years of Space Shuttle Flight: Screensaver,” NASA produced CDs and CD-ROMs, and a few miscellaneous items. Please see finding aid listing for titles and forms of media.

4. Awards, Certificates and Plaques, 1982-2001 (3.6 cubic feet). This series contains framed certificates, flown flags and patches given to Powers in recognition of his work with Astro-1, USML-1, Spacelab J, First Microgravity Laboratory, Astro-2 mission, ATLAS-3, USML-2, Reflight Mission of the Tethered Satellite System, Phase 1 of Shuttle-MIR program, and for his contributions to the Microgravity Research Program Office. Also included are National Aeronautics and Space Administration group achievement awards presented to Powers for his work on the following teams; Astro-1 Space Classroom Assignment, First U.S. Microgravity team, USML-2 mission team, Astro-2 mission team, ATLAS-3 mission team, and Space Product Development Program STS-95 team. Other awards include; “Right Stuff Award,” and “Society for Technical Communication, Huntsville and Birmingham, Alabama, Chapters, Technical Publications Competition, Best of Show,” presented to C. Blake Powers for The First Mission of the Tethered Satellite System (writing and editing), January 21, 1993. Also found within this series is correspondence and related
commendations received by Powers, 1982-2000, and certifications issued to Powers by the University of Alabama in Huntsville, Division of Continuing Education Professional Development, 1991.

5. **Scrapbook, 1986 (0.5 cubic feet).** The scrapbook contains a Challenger crew photograph and numerous clippings about the Challenger disaster. The scrapbook was received with the clippings and photograph laminated on the scrapbook pages.

6. **Artifacts, circa 1970s-2001 (6.5 cubic feet).** The artifacts series consists of NASA mugs and glassware; NASA mission patches (cloth and adhesive); pins, buttons; visitor, press, exhibitor and vehicle passes; first day covers and a framed 25th anniversary of the first moon landing commemorative edition sheet of stamps; note pads and covers; flight tether samples; aero gel; “Moon Writer, pressurized stick pens;” business cards; STS-47, Spacelab J, T-shirt, sweatshirt and jacket; STS-35, STS-42, STS-73 and “Team US MIL-1,” T-shirts, along with additional miscellaneous items. The various items are listed below.

The buttons, passes, patches, and pins have been placed in their own artifact boxes and placed within a cubic foot box, for ease of use by researchers.

7. **Oversized Items, 1986-1996 (most items undated) (1.5 cubic feet).** The oversized items (OS) include mock-up covers for *High Mach*, magazine, vol. 33, no. 3, March 1986, and the publication, “ASTRO-2: Continuing exploration of the invisible universe.” Also included are matted photographs of the Space Shuttle and Spacelab J, space related posters (some unopened), and a framed, 26” x 26” photo collage given to Powers while employed at Schneider Services International, “in appreciation of J-5 accident clean-up.”

**Descriptive Rules**

Describing Archives: A Content Standard

**Processing Information**

All materials have been housed in polyester sleeves, acid-free folders, acid-free boxes and artifact boxes. Oversized certificates, photographs, posters, and other printed material have been separated and grouped into individual series for preservation purposes. Most items are in chronological order within their respective series or subseries. Please note that many items are undated.
DETAILED DESCRIPTION OF THE COLLECTION

(9.9 cubic feet)

(3.3 cubic feet)

Subseries Description: Among the NASA publications are reference publications, conference proceedings, symposiums, workshops, working group reports and reports to Congress, flight data files and crew activity plans, implementation plans, histories, technical papers, catalogs, and Spinoff, an annual publication which highlights the transfer of NASA technology to the private sector.

Box 1 NASA Publications, 1967-1979

Folder
Box 2  NASA Publications, 1979-1981

Folder

Box 3  NASA Publications, 1982-1983

Folder
at the University of Santa Clara, California, June 23-August 29, 1980.
Washington, DC: National Aeronautics and Space Administration,
Scientific and Technical Information Branch.

External Relations, Technology Utilization and Industrial Affairs Division.


remote sensing. Washington, DC: National Aeronautics and Space
Administration, Scientific and Technical Information Branch.

6. NASA, Jet Propulsion Laboratory. (1982). The Voyager flights to Jupiter
and Saturn. Pasadena, CA: NASA, Jet Propulsion Laboratory, California
Institute of Technology.

Box 4 NASA Publications, 1983-1984

Folder

history of Skylab. Washington, DC: Scientific and Technical Information
Branch, National Aeronautics and Space Administration.

Division, Lyndon B. Johnson Space Center, NASA.

DC: Scientific and Technical Information Branch, NASA.

External Relations, Technology Utilization and Industrial Affairs Division.

flight test program. NASA Facts. Washington, DC: NASA.

States Government Printing Office.

Jet Propulsion Laboratory, California Institute of Technology.

terrestrial planets. Washington, DC: Scientific and Technical Information
Branch, National Aeronautics and Space Administration.

exposure facility (LDEF): Mission 1 experiments. Washington, DC:
Scientific and Technical Information Branch, NASA.

Box 5 NASA Publications, 1984-1985
Folder

Box 6  *NASA Publications, 1985-1988*

Folder
(includes supporting astrophysics documents)

**Box 7 NASA Publications, 1988-1991**

**Folder**


**Box 8 NASA Publications, 1992**


**Subseries 2. NASA Brochures, Information Sheets, Pamphlets and Miscellaneous Items, 1973-1999 (many undated)**

(3.7 cubic feet)

**Subseries Description:** Within this subseries is an extensive collection of NASA brochures, pamphlets, information sheets, newsletters, miscellaneous items and working files. Much of the material is related to Powers‘ work at Essex Corporation, where he was the project manager (publications) for the First United States Microgravity Laboratory mission (USML-1), the Second United States Microgravity Laboratory mission (USML-2), the Astro-2 mission, the Gamma Ray Observatory lesson from space (flight visual), Spacelab J mission, and the first Tethered Satellite System mission (TSS-1), and his later work at CST, Inc. as Director of Outreach for NASA’s Space Product Development Program.

**Box 9 NASA Brochures, Information Sheets, Pamphlets and Miscellaneous Items, 1973-1985**

**Folder**


**Box 10** NASA Brochures, Information Sheets, Pamphlets and Miscellaneous Items, 1985-1989

**Folder**

19. Various documents, Gamma-Ray Observatory, Greenbelt, Maryland: National Aeronautics and Space Administration, Goddard Space Flight Center, circa 1987 (includes 2 NASA images)
20. Telephone directory, Spacelab J, April 22, 1987
23. On the wings of a dream: The space shuttle, Washington, DC: NASA, 1988 (includes a shuttle glider kit and other shuttle documents and posters)

**Box 11 NASA Brochures, Information Sheets, Pamphlets and Miscellaneous Items, 1988-1992**

**Folder**


**Box 12**  *NASA Brochures, Information Sheets, Pamphlets and Miscellaneous Items, 1991-1992*

**Folder**


5. Telephone directory, Spacelab J, March 1, 1991
6. Telephone directory, Johnson Space Center, July 1991
7. *NASA Fact Sheet,* "ATLAS-1: The First Atmospheric Laboratory for Applications and Science," February 1992 (includes other ATLAS-1 documents)
10. *The first United States Microgravity Laboratory,* 90-day science report, October 23, 1992 (includes additional documents, publication information unavailable)

**Box 13**  *NASA Brochures, Information Sheets, Pamphlets and Miscellaneous Items, 1992-1993*

**Folder**

7. Technology.
16. NASA microgravity science and applications program, strategic plan and annual reports, 1992-1993
23. Discovering Saturn, NASA, Solar System Exploration Division, 1993
NASA and European Space Agency


**Box 14** *NASA Brochures, Information Sheets, Pamphlets and Miscellaneous Items, 1993-1998*

3. *Isothermal dendritic growth experiment (IDGE): A fundamental materials science experiment performed in the space shuttle cargo bay to improve industrial production of metals*, Cleveland, OH: NASA Lewis Research Center, Space Experiments Division, Microgravity Experiments Branch, 1993
8. *ATLAS 3 Mission*, information sheets, crew photograph and poster, circa 1994 (publication information unavailable)


22. *From epitaxy on earth to chips in space*, Space Vacuum Epitaxy Center (A NASA Center for the Commercial Development of Space), University of Houston, circa 1998


**Box 15** NASA Brochures, Information Sheets, Pamphlets and Miscellaneous Items, 1999-undated


2. Bookmark, STS-93, Deployment of Chandra Observatory, Eileen Collins, Colonel USAF, 1st Female Mission Commander, includes a piece payload bay liner flown on Columbia STS-93, 1999


Japan, May 26-June 2, 2002. Omiya, Japan: Japan Society for Aeronautical and Space Sciences and Organizing Committee of the 23rd ISTS.


9. Brochure titled, “NASA” (publication information not noted, “NP-111” on back cover, includes a poster) undated


17. Protein crystal growth, Huntsville, AL: NASA Marshall Space Flight Center, undated


26. ASTRO-2: Continuing exploration of the invisible universe, NASA, Astrophysics Division, Washington, DC, undated

27. Continuing exploration of the invisible universe: A guide to Astro-2 targets (no publication information available) undated

28. The tethered satellite system reflight, NASA (publication information unavailable) undated


Box 16 NASA Brochures, Information Sheets, Pamphlets and Miscellaneous Items, undated

1. NASA’s microgravity science laboratory: Illuminating the future, Public Affairs Office, NASA, Washington, DC, undated


4. The first mission of the tethered satellite system, NASA, Tethered Satellite System Project Office, Marshall Space Flight Center, Huntsville, Alabama, undated


7. Hopkins ultraviolet telescope: A component of the Astro Space Shuttle Mission, Maryland Space Grant Consortium, NASA, undated

8. Space product development: Space for business to grow, NASA (information sheets) undated

9. Space product development: Space for business to grow, Bringing the benefits of space down to earth: Partnering with industry for out of this world results, NASA, Marshall Space Flight Center, Alabama, undated


19. *Using Spacelab as a precursor of science operations for the space station*, (publication information unavailable) undated

20. Pamphlet, *First International Microgravity Laboratory*, NASA, (publication information not on pamphlet) undated


28. *Voyager, the grandest tour: The mission to the outer planets*, Pasadena, CA: NASA, Jet Propulsion Laboratory, California Institute of Technology, undated

29. *Atlas Spacelab: Research to understand our earth, our sun, our atmosphere*, Marshall Space Flight Center, Huntsville, AL: NASA, undated
Box 17 NASA Brochures, Information Sheets, Pamphlets and Miscellaneous Items, undated

1. *The great observatories for space astrophysics*, NASA, Astrophysics Division, undated

2. *Chemical processing and biological preparations: Microgravity science and applications*. Washington, DC: NASA, Office of Space Science and Applications, Microgravity Science and Applications Division, undated (includes chemical products and biological preparations publication)


8. *Aerospace spinoffs: Twenty-five years of technology transfer*. Washington, DC: NASA, Office of Commercial Programs, undated


*The following are not NASA publications but were boxed with the other publications, and have a working connection to NASA:


15. *Fuwatto ’91: First material processing test*. Tokyo, Japan: NASDA, National Space Development Agency of Japan (includes 3 additional related brochures)


**Subseries 3. NASA Teaching Materials, 1975-1993**

(.4 cubic feet)

**Subseries Description:** Among the teaching materials are source books, teachers’ guides and activities, puzzle and paper model kits, a spacetlab model and 3 book jackets with solar system information on them. The material covers elementary school – grade 12 age groups.

**Box 18 NASA Teaching Materials, 1975-1993**

**Folder**


**Subseries 4. NASA Press Kits and Information, 1981-1993**

2.5 cubic feet


**Box 19 NASA Press Kits and Information, 1981-1982**

**Folder 1.** Press Kit, STS-1, First Space Shuttle Mission, John F. Kennedy Space Center, Florida: National Aeronautics and Space Administration, April 1981

2. STS-1 Flight Data File, Crew Activity File. Houston, Texas: Lyndon B.
Johnson Space Center, March 2, 1981


5. STS-2 Press Information, Downey, California: Rockwell International; Space Transportation & Systems Group, October 1981


7. Press Information, Space Shuttle Transportation System, Rockwell International, March 1982 (folder 1 of 2)


Box 20 NASA Press Kits and Information, 1981-1983

Folder


2. Binder, STS-3, Remote Manipulator System, Press Kit, Toronto, Canada: Spar Aerospace Limited, March 1982 (includes a STS-3 Space Shuttle mission chart)

3. Press Kit, STS-4, Fourth Space Shuttle Mission, June 1982

4. Press Kit, STS-8, Eighth Space Shuttle Mission, August 1983

5. Spacelab News Reference, European Space Agency and National Aeronautics and Space Administration, Marshall Space Flight Center, circa 1983

6. Press Kit, STS-7 Seventh Space Shuttle Mission, June 1983

Box 21 NASA Press Kits and Information, 1983-1990


3. Press release tracking charts, circa 1987 (3 sheets)


5. Space Station Freedom Media Handbook, April 1989


7/10/2015 30
Box 22  *NASA Press Kits and Information, 1992-1993*

5. ATLAS-2 Science, Quick-Look Assessment, T.L. Miller, Mission Scientist, June 9, 1993


(2.5 cubic feet)

Box 23  *Books, 1962-1999*

**Folder**


Clifford Blake Powers’ gift books that have been cataloged and added to the Purdue Archives and Special Collections book collection, 1979-2001 – LC Call #’s listed for each title.


Box 24  Journals, 1969-1997

1. The incredible year, ’68 Special Issue, Life, January 10, 1969. Chicago, IL: Time, Inc. (stored in flat Box 25 for preservation purposes)
3. Auburn Alumnews, July-August 1982 (includes photograph of launch of Space Shuttle Columbia on which alumni astronauts Ken Mattingly ’58 and Henry Harstfield ’54 were on and includes photographs taken by Powers)
7. Space World, published in cooperation with National Space Institute, January 1985-June 1985
8. Space World, published in cooperation with National Space Institute, July 1985-December 1985
16. TABES ’93: Technical and Business Exhibition & Symposium, Sponsored by the Huntsville Association of Technical Societies (H.A.T.S.)
17. Space Energy and Transportation, Volume 2, Number 2, 1997

Box 25 Newspapers, 1969-2003

Folder
4. “Spacewalkers are the first to fly free,” The Atlanta Journal, (“final edition”) February 7, 1984, cover story
5. “Ace Satellite Repair Co.: Shuttle prepares for landing in Florida,” The Atlanta Constitution, April 13, 1984, cover story
6. “Oh My God, No!” USA Today, January 29, 1986, cover story about Challenger disaster
9. “We’re back in space: Discovery’s main mission of releasing satellite completed,” The Knoxville News-Sentinel, September 30, 1988, cover story
10. “Welcome back…a great ending to the new beginning” Mission open way for Atlantis,” The Knoxville News-Sentinel, October 4, 1988, cover story
11. “Soviets enter shuttle era with successful unmanned flight,” The Atlanta Constitution, November 16, 1988, cover story
12. “Shuttle roars to orbit: Discovery on research flight,” The Huntsville Times, January 22, 1992, cover story
16. “‘Columbia is lost: Seven astronauts die as shuttle breaks up during fiery re-entry,’” 8-page special section, The Tennessean, February 2, 2003, cover story
Box 26 Articles, 1977-1993

Folder
1. "Notes and coursework on national energy policies," 1977 (includes reading material)
3. "Settlement of the moon and ventures beyond," by The Lunar Working Group, 1984 (includes Lunar Base Symposium attendance list and interdepartmental communication in regards to the symposium)
5. "PCG (Protein Crystal Growth) Supplementary Information," and "Microgravity Science and Applications annual report to congress," 1986
7. Various "materials processing" articles, 1987-1993
10. "Protein Folding (Special Report)," 1989
14 Binder, Center for Macromolecular Crystallography, University of Alabama at Birmingham, circa 1991 (various information)

Box 27 Articles, 1991-circa 1993

Folder
4. Articles about Sonny Carter and NASA photograph, 1992
6. Miscellaneous cartoons and items, undated
(1.1 cubic feet)

Box 28 Audio Visual Material and Digital Media, 1998-2003

Item
1. 3.5" floppy disk; Celebrating 20 Years of Space Shuttle Flight: Screensaver for windows 95.98.me.nt.2000
10. CD-ROM; Realizing the dream: An International Space Station sampler. NASA, undated
11. DVD, XCOR Aerospace, undated
14. VHS; Thiokol, Romancing the Moon, 6:00, 1999 (Telly Awards winner)
15. VHS; NASA, ISS, Realizing the Dream, Producer: Paul Lundahl/Glen Janssens, TRT 9:45, December 13, 2000
16. VHS; “3003 Flag Circle, #2514; Madison, AL,” 6:43, undated

Box 29 Audio Visual Material, 1979-1982

Item
1. Master Broadcast Videocassette, “Powers,” (no additional information available)
3. Magnetic tape, 7”, “Hartsfield Interview for Broadcast, 3/11/82 at 4:45, Personal Tape, DO NOT ERASE!”
4. Ampex magnetic tape, 10 ½”, “STS-3, Doohan Promos,” March 22, 1982

Box 30 Photographs, circa 1980s-1990s

Folder
1. Binder, NASA related photographs; rockets, crews (some signed), shots from space, etc., circa 1990s (8 ½ x 11, many official NASA photographs with descriptions on the back)
3. Southwest Research Institute, San Antonio, Texas, “Astronomers get ultraviolet look at the moon,” includes 5 images with descriptions, 1995

Series 4. Scrapbook, 1986
(0.5 cubic feet)

Box 31 Scrapbook, Challenger Disaster, 1986

1. Scrapbook, contains a crew photograph and clippings about the Challenger disaster, 1986 (clippings and photo have been laminated on scrapbook pages)

Series 5. Awards, Certificates, and Plaques, 1982-2001
(3.6 cubic feet)

Box 32 OS Plaques and Framed Certificates, 1986-2001

1. Plaque, “Right Stuff Award,” Space Shuttle - Blake Powers, October 26, 1986
2. Framed certificate and flown Astro-1 patch, “National Aeronautics and Space Administration presents this certificate to Blake Powers in grateful appreciation of your contribution to the successful flight of the Astro-1
manned astrophysics observatory,” 1990

3. Framed certificate, patch and flown flag, “Presented to C. Blake Powers, In recognition of outstanding support to the USML-1 mission flown aboard the Orbiter Columbia, June 25, 1992”


Box 33 OS Plaques and Framed Certificates, 1992-1993

Item
1. Framed Certificate and Flown Flag, “This certificate is presented to Blake Powers in grateful appreciation of your contribution to the successful flight of the First International Microgravity Laboratory,” 1992

2. Framed Certificate, “The National Aeronautics and Space Administration presents the Group Achievement Award to Astro-1 Space Classroom Assignment: The Star Team, Office of Human Resources and Education, In recognition of exceptional contributions to NASA’s educational goals through an unique outreach project to enhance space science in our Nation’s classrooms,” 1992

3. Framed Certificate, “The National Aeronautics and Space Administration presents the Group Achievement Award to C. Blake Powers, First United States Microgravity Laboratory Team, For exceptional contributions in the integration and operation of the USML-1 payload, extending man’s knowledge of materials science, fluid dynamics, biotechnology, and combustion science,” February 10, 1993


Box 34 OS Correspondence (Commendations), Certificates, (Paper, Photocopied, and Framed), 1982-2000

Item
1. Correspondence, various commendations received by Powers, 1982-2000

2. Certificate, “The University of Alabama in Huntsville, Division of Continuing Education Professional Development, certifies that C. Blake Powers has satisfactorily completed Doing Business in Japan a Protocol Approach, and is awarded .75 continuing education units for 7.5 hours of organized instruction on January 22, 1991”

3. Certificate, “The University of Alabama in Huntsville, Division of Continuing
Education Professional Development, certifies that C. Blake Powers has satisfactorily completed International Trade and Marketing Basics, and is awarded .75 continuing education units for 7.5 hours of organized instruction on February 25, 1991

4. Certificate, “The University of Alabama in Huntsville, Division of Continuing Education Professional Development, certifies that C. Blake Powers has satisfactorily completed Export Licensing and Control, and is awarded .75 continuing education units for 7.5 hours of organized instruction on March 6, 1991”

5. Certificate, “The University of Alabama in Huntsville, Division of Continuing Education Professional Development, certifies that C. Blake Powers has satisfactorily completed Strategic Planning for the Global Marketplace, and is awarded .75 continuing education units for 7.5 hours of organized instruction on April 22, 1991

6. Certificate, “The University of Alabama in Huntsville and North Alabama International Trade Association in conjunction with UAH Professional Development & Madison County Commission Department of Planning and Economic Development, certifies that C. Blake Powers has satisfactorily completed the International Marketing/Management Certificate Program, and is awarded 4.0 Continuing Education Units for 40 hours of organized instruction on September 24, 1991”

7. Certificate, “The National Aeronautics and Space Administration presents the Group Achievement Award to Blake Powers, Astro-1 Public Affairs Team, For exemplary contributions to an extremely effective public affairs campaign that focused national attention on the very successful Astro-1 Spacelab mission.” March 24, 1992


9. Certificate, “The National Aeronautics and Space Administration presents the Group Achievement Award to C. Blake Powers, USML-2 Mission Team, For dedicated service and exceptional contributions to mission preparation and operations that were essential to the success of the USML-2 Mission,” June 12, 1996

10. Certificate, “The National Aeronautics and Space Administration presents the Group Achievement Award to C. Blake Powers, Astro-2 Mission Team, For dedicated service and exceptional contributions to mission preparation and operations that were essential to the success of the Astro-2 mission,” June 12, 1996

11. Certificate, “The National Aeronautics and Space Administration presents the Group Achievement Award to Blake Powers, ATLAS-3 Mission Team, For dedicated service and exceptional contributions to mission preparation and operations that were essential to the success of the ATLAS-3 mission,” June 12, 1996
12. Certificate, "National Aeronautics and Space Administration Space Product Development Program STS-95 Team, Group Achievement Award, Presented to C. Blake Powers for dedicated service and exceptional contributions to the successful flight of 8 Space Product Development Payloads with 26 different commercial investigations on STS-95," August 3, 1999


14. Framed Certificate and flown flag, “This certificate of Appreciation is presented to C. Blake Powers in recognition of your contribution to the successful flight of the Second Astro Mission flown aboard Endeavour, STS-67, March 2-18, 1995"

15. Framed Certificate and flown flag, “This Certificate is presented to C. Blake Powers in recognition of your contribution to the successful flight of the Second United States Microgravity Laboratory flown aboard Columbia, STS-73, October 20 – November 5, 1995”

16. Framed Certificate and flown flag, “This Certificate of Appreciation is presented to C. Blake Powers for your outstanding contribution to the Reflight Mission of the Tethered Satellite System which successfully demonstrated space tethers as a technology for electrical power generation and the scientific investigation of space plasma processes important to Earth’s environment, February 22, 1996

17. Framed Certificate and flown flag, “In Commemoration of the Phase 1 Shuttle-Mir Program, Presented to C. Blake Powers, This flag commemorating the Phase 1 Program was flown to the Mir Space Station aboard the Space Shuttle Discovery on mission STS-91, launched June 2, landed June 12, 1998”

18. Framed Certificate, “This certificate is presented to Blake Powers in appreciation of your contribution to the MSL-1 Mission,” undated (signed by MSL-1 crew)


(6.5 cubic feet)

Box 35  **FRAGILE**: NASA Mugs, undated
Item 1. Mug Collection, 17; space shuttle mission and various other mugs, undated

Box 36 **FRAGILE - NASA Mugs, undated**

Item 1. Mug Collection, 23; space shuttle mission and various other mugs, undated

Box 37 **FRAGILE - NASA Mugs, Apollo Juice Decanter and Glasses, 2002 and undated**

Item 1. Ceramic bowl, presented to C. Blake Powers by the city of Matsue, Japan as part of the opening ceremonies at the 23rd International Symposium on Space Technology and Science, 2002
2. 3 mugs, NASA shuttle mission, undated
3. Juice decanter, Apollo 12, capsule shaped, undated
4. Apollo 11 juice glass (1), undated
5. Apollo 12 juice glasses (3), undated
6. Apollo 13 juice glasses (4), undated

Box 38 **NASA Mission and Miscellaneous Patches, Pins and Buttons, undated**

Box 1. NASA mission and miscellaneous patches, cloth and adhesive
2. "NASA" pins (62), 2 sizes
3. "Space Product Development: Space for Business to Grow," (17) pins
4. Various NASA pins and tie tacks (41)
5. Various NASA and miscellaneous buttons (42)
6. Various press, exhibitor, visitor and vehicle passes (120) and lanyards (6)

Box 39 **NASA and Other Miscellaneous Memorabilia and Artifacts, circa 1970s-2001**

2. Invitation, 10th anniversary, first Space Shuttle mission, STS-1 Columbia, April 12-14, 1981, 1991
5. Writing pad covers, “Blake Powers, Senior Science Writer,” and “It comes from Rockwell,” undated
8. Notepads, “Delta, Delta Launch Services, Inc.,” undated (2)
9. Astronaut Ron Evans’ autograph, undated
10. Mousepad, Microgravity Development Laboratory, undated
11. Belt buckle from National Air and Space Museum, has lunar roving vehicle, Orville and Wilbur Wright’s plane, Lindbergh’s “The Spirit of St. Louis,” and an Apollo lunar module on it, undated
12. “One nanosecond per Admiral Grace Hopper,” (piece of wire), undated
13. Conducting tether, engineering sample of flight tether configuration, built by Cortland Cable Company for Martin Marietta, undated
14. TSS-1 flight tether, 11 feet, Cortland Cable Company, undated
15. Space Shuttle high temperature insulation; sample of the high temperature material used to protect the components of the solid rocket booster (SRB) from high temperature and shock during launch conditions, ILC Space Systems, Houston, Texas, undated
16. “Aero gel” in plastic container, undated
19. “Moon Writer, pressurized stick pens,” (11) (“with type of pressurized ink cartridge used by the astronauts on the moon”), Fisher Space Pen Company, Forest Park, IL, undated
20. “Spacehab” pencil, undated
27. Piece of cloth, inscribed, “First Solo Flight, Blake Powers, 7-5-80”
28. “Red Baron Snoopy,” pillow cover (?), undated
29. Sheet of “NASDA” (National Space Development Agency of Japan) stickers, undated
30. Cloth bag, 15” x 15 ¾”, “BC Magazine,” (Blogcritics Magazine), undated
31. Pogo comic strip, undated

**Box 40 NASA Clothing, Spacelab J (STS-47), 1992**

**Item**
1. STS-47, Spacelab J, T-shirts, 1992 (3 shirts)
2. STS-47, Spacelab J, sweatshirt, 1992
3. STS-47, Spacelab J, jacket, 1992

**Box 41 NASA Clothing, T-Shirts and Caps, 1990-2000, some undated**

**Item**
4. T-shirt, “America’s Team STS-73, United States Microgravity Laboratory, USML-2,” 1995
5. T-shirt, “space.com, 07.20.99”
6. T-shirt, “Return to the Moon, This Time We Stay,” Second Annual Lunar Development Conference, Caesars Palace, Las Vegas, July 20-21, 2000
7. T-shirt, “MSFC Science Directorate” SD Appreciation Day, undated
8. T-shirt, black shirt with moon painted on it, undated

**Series 7. Oversized, 1986-1996, most items undated**
(1.5 cubic feet)

**Box 42 Oversized Publication Mock-up Covers and Photographs, 1986 and undated**

**Item**
2. Mock-up cover of “ASTRO-2: Continuing exploration of the invisible
universe,” publication, undated  
3. Matted photograph of Space Shuttle, undated  
4. Matted photograph of Spacelab J, undated

**Oversized Loose Items, Posters and Framed Photo Collage, undated**

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-3.</td>
<td>Posters, “Moon Society,” rolled and unopened, undated (3)</td>
</tr>
<tr>
<td>4.</td>
<td>Poster, rolled, unopened space poster, undated</td>
</tr>
<tr>
<td>5.</td>
<td>Poster, rolled, unopened, Space Product Development, undated</td>
</tr>
<tr>
<td>6.</td>
<td>Poster, pieced together, Shuttle interior and exterior, undated</td>
</tr>
<tr>
<td>7.</td>
<td>Framed photo collage, 26”x26”, “Schneider Services International, in appreciation of J-5 accident clean-up,” undated</td>
</tr>
</tbody>
</table>