

G. E. Mueller

A Register of His Papers in the Library of Congress

Prepared by Harry G. Heiss with the assistance of Paul Colton, Bradley Rank, Patrick Kerwin, and John Maniha



Manuscript Division, Library of Congress

Washington, D.C.

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Collection Summary

Title: Papers of G. E. Mueller

Span Dates: 1876-1997

Bulk Dates: (bulk 1935-1995)

ID No.: MSS83747

Creator: Mueller, G. E. (George Edwin), 1918-

Extent: 116,400 items; 327 containers plus 2 oversize plus 1 classified; 130.6 linear feet

Language: Collection material in English

Repository: Manuscript Division, Library of Congress, Washington, D.C.

Abstract: Engineer, administrator of the United States manned space flight program, and corporate executive.

Correspondence, speeches, writings, subject files, printed matter, and other papers relating principally to Mueller's studies in electrical engineering at the University of Missouri--St. Louis and Purdue University and his career at Bell Telephone Laboratories, Ohio State University, Space Technology Laboratories, United States National Aeronautics and Space Administration, General Dynamics Corporation, System Development Corporation, Burroughs Corporation, George E. Mueller Corporation, and Kistler Aerospace Corporation.

Selected Search Terms

The following terms have been used to index the description of this collection in the Library's online catalog. They are grouped by name of person or organization, by subject or location, and by genres and listed alphabetically therein.

Names:

Mueller, G. E. (George Edwin), 1918-

Atwood, John Leland, 1904- --Correspondence

Azcárraga Arana, Alvaro, 1940- --Correspondence

Blumenthal, W. Michael, 1926- --Correspondence

Carter, Leonard J. (Leonard James)--Correspondence

Chevalier, Roger, 1922- --Correspondence

Clarke, Arthur Charles, 1917- --Correspondence

Contant, Jean-Michel--Correspondence

Debus, Kurt--Correspondence

Doolittle, James Harold, 1896- --Correspondence

Doolittle, Josephine Daniels--Correspondence

Dornan, Robert K., 1933- --Correspondence

Draper, C. S. (Charles Stark)--Correspondence

Durant, Frederick C., 1916- --Correspondence

Galloway, Eilene Marie Slack, 1906- --Correspondence

Gelder, Hélène van--Correspondence

Grey, Jerry--Correspondence

Gwinn, William P., 1907-1981--Correspondence

Harford, James J.--Correspondence

Humphrey, Hubert H. (Hubert Horatio), 1911-1978--Correspondence

Jager, C. de (Cornelis de), 1921- --Correspondence

Loewy, Raymond, 1893-1986--Correspondence

Loewy, Viola Erickson--Correspondence

Miller, George P. (George Paul), 1891-1982--Correspondence

Napolitano, Luigi G.--Correspondence

Paine, Thomas O., 1921- --Correspondence

Schreiver, Bernard A. (Bernard Adolph), 1910- --Correspondence

Sedov, L. I. (Leonid Ivanovich), 1907- --Correspondence

Slotkin, Arthur--Correspondence

Smith, Margaret Chase, 1897- --Correspondence

Teague, Olin E., 1910- --Correspondence

Von Braun, Wernher, 1912-1977--Correspondence
Walker, Brooks, 1928- --Correspondence
Webb, James E. (James Edwin), 1906- --Correspondence
Welsh, Edward C. (Edward Cristy), 1909- --Correspondence
Yarymovych, Michael Ihor, 1933- --Correspondence
American Institute of Aeronautics and Astronautics
American Institute of Wine & Food
Bell Telephone Laboratories, inc.
Burroughs Corporation
General Dynamics Corporation
George C. Marshall Space Flight Center
George E. Mueller Corporation
International Academy of Astronautics
International Astronautical Federation
John F. Kennedy Space Center
Kistler Aerospace Corporation
Laguna Blanca School (Santa Barbara, Calif.)
Manned Spacecraft Center (U.S.)
Ocean Corporation
Ohio State University--Faculty
Original Computer Camp (Santa Barbara, Calif.)
Project Apollo (U.S.)
Project Gemini (U.S.)
Purdue University--Students
Saturn Project (U.S.)
Skylab Program
Smithsonian Associates
Space Shuttle Program (U.S.)
Space Technology Laboratories, inc.
System Development Corporation
Thompson Ramo Wooldridge, inc. Ramo-Wooldridge Division
United States. National Aeronautics and Space Administration
University of California, Santa Barbara
University of Missouri--St. Louis--Students

Subjects:

Aerospace engineering
Artificial satellites--Tracking
Artificial satellites in telecommunication
Atlas (Missile)
Ballistic missiles
Computer camps
Electric engineering.
Jojoba
Millimeter waves--Research
Minuteman (Missile)
Oceanography
Outer space--Exploration
Pioneer (Space probes)
Radar--Research
Rocketry
Sailing
Scuba diving
Skis and skiing
Space flights

Space probes
Thor (Missile)
Titan (Missile)

Occupations:

Engineers
Executives
Public officials

Administrative Information

Provenance:

The papers of G. E. Mueller, engineer, administrator of the United States manned space flight program, and corporate executive, were given to the Library of Congress by Mueller in 1996.

Copyright Status:

Copyright in the unpublished writings of G. E. Mueller in these papers and in other collections in the custody of the Library of Congress has been retained by George E. Mueller.

Security Classified Documents:

Government regulations control the use of classified material in this collection. Manuscript Division staff can furnish information concerning access to and use of classified material.

Preferred Citation:

Researchers wishing to cite this collection should include the following information: Container number, G. E. Mueller Papers, Manuscript Division, Library of Congress, Washington, D.C.

Biographical Note

<i>Date</i>	<i>Event</i>
1918, July 16	Born, St. Louis, Mo.
1939	B.S., electrical engineering, Missouri School of Mines, Rolla, Mo.
1940	M.S., electrical engineering, Purdue University, Lafayette, Ind.
1940-1946	Member, technical staff, Bell Telephone Laboratories, New York, N.Y.
1941	Married Maude Elizabeth Rosenbaum (divorced 1974)
1946-1957	Assistant professor and professor of electrical engineering, Ohio State University, Columbus, Ohio
1951	Ph.D., physics, Ohio State University, Columbus, Ohio
1955-1957	Consultant, Ramo-Wooldridge Division, Thompson Ramo Wooldridge, Inc., Los Angeles, Calif.
1957-1963	Director of Electronics Laboratories, director of Able space program, vice president for space systems management, and vice president for research and development, Space Technology Laboratories, Redondo Beach, Calif.

1963-1969 Associate administrator for manned space flight, National Aeronautics and Space Administration, Washington, D.C.

1964 Published with Eugene R. Spangler *Communication Satellites* (New York: John Wiley & Sons. 280 pp.)

1969-1971 Senior vice president, General Dynamics Corp., New York, N.Y.

1970 Founder, Sea-Space Symposium, Philadelphia, Pa.
National Medal of Science, National Science Foundation, Washington, D.C.

1971 Vice president, International Astronautical Federation

1971-1981 Chairman and president, System Development Corp., Santa Monica, Calif.

1975-1981 Director, Ocean Corp., Houston, Tex.

1976 Chairman, twenty-seventh congress, International Astronautical Federation, Anaheim, Calif.

1976-1986 Trustee, Marine Science Institute, University of California, Santa Barbara, Calif.

1978 Married Darla Jean Hix

1979 National Transportation Award, Department of Transportation, Washington, D.C.

1979-1980 President, American Institute of Aeronautics and Astronautics

1981- President, Jojoba Propagation Laboratories

1981-1983 Chairman and chief executive officer, System Development Corp., Santa Monica, Calif.
Senior vice president, Burroughs Corp., Detroit, Mich.

1982 Founder, American Institute of Wine & Food, San Francisco, Calif.

1982-1995 President, International Academy of Astronautics

1983- Manager, Mueller Farms, Hyder, Ariz.

1983-1985 Director, Original Computer Camp, Santa Barbara, Calif.

1983-1988 Trustee, Laguna Blanca School, Santa Barbara, Calif.

1984- President, George E. Mueller Corp., Santa Monica, Calif.
Trustee, University of California Foundation, Santa Barbara, Calif.

1987-1988 President, Next Peripherals, Inc.

1989- Chairman, Desert King Jojoba Corp.

1990- Trustee, National Board of the Smithsonian Associates, Smithsonian Institution, Washington, D.C.

Scope and Content Note

The papers of George Edwin Mueller (1918-) span the years 1876-1997 with the bulk of the material produced during the period 1935-1995. The collection consists chiefly of correspondence, speeches, writings, and printed matter and is arranged in series that, for the most part, chronologically parallel Mueller's career: [Family Papers](#), [University of Missouri](#), [Purdue University](#), [Bell Telephone Laboratories](#), [Ohio State University](#), [Space Technology Laboratories](#), [National Aeronautics and Space Administration](#), [General Dynamics Corporation](#), [System Development Corporation](#), [International Academy of Astronautics](#), [Consulting and Professional File](#), [Oversize](#), and [Classified](#).

The [Family Papers](#), [University of Missouri](#), and [Purdue University](#) series cover Mueller's early life in St. Louis, Missouri, and his advanced education in electrical engineering. Included in the [Family Papers](#) is considerable [correspondence](#) with immediate family members and other relatives and information about his Mueller and Bosch ancestors. A major portion of the series features material related to Mueller's parents, Edwin Mueller and Ella Bosch Mueller.

The [Bell Telephone Laboratories](#) series documents Mueller's pioneering work in millimeter wave research and his contributions to the development of radar technology with research in the measurement of radio energy from the sun, in microwave propagation, and in the design of low-field magnetrons. The series contains laboratory research notes, correspondence, and drafts of Mueller's writings on six millimeter waves and uni-velocity electron stream. Material in the series from [Ohio State University](#), where Mueller taught from 1946 to 1957, focuses on his teaching responsibilities but also includes files pertaining to consulting work with the Ramo-Wooldridge Division of Thompson Ramo Wooldridge, Inc., various research projects, and drafts of writings on dielectric antennae and millimeter waves.

The [Space Technology Laboratories](#) series includes [correspondence](#), [speeches](#), and [subject files](#) documenting Mueller's research on communication satellites and his administration of the Atlas, Titan, Minuteman, and Thor ballistic missile programs. Reflected in the series as well are his direct involvement in the Pioneer I space probe, the development of space and interplanetary probes such as Explorer VI and Pioneer V, and the establishment of the United States Air Force SPAN Network, the first worldwide system for tracking satellites and deep space probes. Also in the series are copies of Mueller's journal, material on his book, *Communication Satellites*, coauthored with Eugene R. Spangler, and files relating to Mueller's evolving financial interests.

The [National Aeronautics and Space Administration](#) series traces Mueller's role as associate administrator for manned space flight from the beginning of Gemini Flight operations in 1963 through the second manned lunar landing in 1969. Especially voluminous are [subject files](#) depicting his role as administrator of the Gemini, Apollo/Saturn, Skylab, and Space Shuttle programs; his management of the George C. Marshall Space Flight Center, Manned Spacecraft Center, and John F. Kennedy Space Center; and his association with aviation and space organizations such as the American Association of Aeronautics and Astronautics and the International Astronautical Federation. Prominent correspondents include John Leland Atwood, president of the North American Aviation Corporation; Arthur Charles Clarke, president of the Ceylon Astronomical Association; Kurt H. Debus, director of the John F. Kennedy Space Center; William P. Gwinn, president of United Aircraft Corporation; Vice President Hubert H. Humphrey; Raymond Loewy, designer; Congressman George P. Miller; Bernard A. Schreiber, chairman of Schreiber & McKee Associates; Senator Margaret Chase Smith; Congressman Olin E. Teague of Texas; Wernher Von Braun, director of the George C. Marshall Space Flight Center; James E. Webb, administrator of NASA; and Edward C. Welsh, executive secretary of the National Aeronautics and Space Council.

Notable in Mueller's files from the [General Dynamics Corporation](#), where he served for eighteen months as senior vice president between 1969 and 1971, are records pertaining to his founding of Sea-Space Symposium with Buzz Aldrin, John L. Galt, Leonard Jaffe, George E. Shipley, Bernard H. White, William M. Zarkowsky, and others having a mutual interest in scuba diving, oceanography, and space exploration. The [System Development Corporation](#) series, one of the most voluminous in the collection, features Mueller's role as chairman and president of the company from 1971 to 1985, and his part in guiding the sale of the company to the Burroughs Corporation in 1991. Among the frequent correspondents in this portion of the collection are W. Michael Blumenthal, chairman of Burroughs Corporation; Arthur Charles Clarke, chancellor of the University of Moratuwa, Colombo, Sri Lanka; Jean-Michel Contant, secretary general of Aerospatiale; aviation pioneer James Harold Doolittle and his wife Jo Doolittle; Congressman Robert K. Dornan of California; Raymond and Viola Loewy; Thomas

O. Paine, president of Northrop Corporation; Congressman Olin E. Teague; Hélène van Gelder, secretary of the International Astronautical Federation; and Brooks Walker, president of U.S. Leasing International.

Also in the [System Development Corporation](#) series are [speeches](#) and [writings](#), as well as extensive [files](#) documenting Mueller's administration of the company, continued affiliation with the National Aeronautics and Space Administration, his personal investments, and membership in professional organizations, especially the American Institute of Aeronautics and Astronautics and the International Astronautical Federation. Mueller was a founder of the American Institute of Wine & Food in 1982, and information on that venture can also be found in this series.

The [International Academy of Astronautics](#) series documents Mueller's presidency of that organization from 1982 to 1995. During his tenure as president, the academy established independence from its parent organization, the International Astronautical Federation, and Mueller continued his lifetime goal of fostering international cooperation in the exploration of the solar system. [Correspondence](#) and reports reflect the work of the academy's board of trustees and committees, its involvement with other national and international space organizations, and the founding of the International Space Exploration Institute, whose creation Mueller proposed. Also prominent are files from the academy's twenty-fifth anniversary history project in 1985. Principal correspondents include Alvaro Azcarraga, president of the International Astronautical Federation; Leonard J. Carter, president of the British Interplanetary Society; Roger Chevalier, vice president of Aerospatiale and president of the International Astronautical Federation; Jean-Michel Contant, secretary general of Aerospatiale and president of International Astronautical Federation; C. deJager, professor at the Astronomical Institute, Utrecht, the Netherlands, and president of the Committee on Space Research; Charles Stark Draper, founder of the Charles Stark Draper Laboratory; Frederick C. Durant, assistant director of the National Air and Space Museum; Eilene Marie Slack Galloway, consultant and president of the Theodore von Kármán Memorial Foundation; Jerry Grey, vice president of the American Institute of Aeronautics and Astronautics and president of the International Astronautical Federation; James J. Harford, executive director of the American Institute of Aeronautics and Astronautics; Luigi G. Napolitano, professor at the University of Naples; Leonid Ivanovich Sedov, head of the Soviet delegation to the International Astronautical Federation; Arthur L. Slotkin, of the International Academy of Astronautics; and Michael I. Yarymovych, vice president of Rockwell International.

The [Consulting and Professional File](#) focuses on Mueller's consulting work, financial investments, and professional memberships following his retirement from the Burroughs Corporation in 1983. Featured are various projects and activities related to the George E. Mueller Corporation, an aerospace consulting business he founded in 1984, as well as Mueller's interest in developing and selling jobo oil from a plantation he purchased and operated in Arizona. Notable topics include Mueller's continuing association with aeronautic and space organizations, his work as president of Next Peripherals and chief executive officer of the Kistler Aerospace Corporation, and his ties to the Ocean Corporation, the University of California at Santa Barbara, the National Board of the Smithsonian Associates, and the Original Computer Camp and Laguna Blanca School, both of Santa Barbara, California. Among the personal activities sketched in the series are sailing, snow skiing, and scuba diving.

Organization of the Papers

The collection is arranged in thirteen series:

- [Family Papers, 1876-1983, n.d.](#)
- [University of Missouri, 1935-1939, n.d.](#)
- [Purdue University, 1939-1940](#)
- [Bell Telephone Laboratories, 1888-1946, n.d.](#)
- [Ohio State University, 1931-1958, n.d.](#)
- [Space Technology Laboratories, 1957-1963, n.d.](#)
- [National Aeronautics and Space Administration, 1960-1970, n.d.](#)
- [General Dynamics Corporation, 1958-1971, n.d.](#)
- [System Development Corporation, 1957-1984, n.d.](#)
- [International Academy of Astronautics, 1962-1995, n.d.](#)
- [Consulting and Professional File, 1952-1997, n.d.](#)
- [Oversize, 1893-1993, n.d.](#)
- [Classified, 1942-1979, n.d.](#)

Description of Series

<i>Container</i>	<i>Series</i>
BOX 1-16	<u>Family Papers, 1876-1983, n.d.</u>
BOX 1-6	<u>Correspondence, 1936-1983, n.d.</u> Greeting cards, letters, telegrams, and attachments. Arranged alphabetically by name of correspondent and therein chronologically.
BOX 6-16	<u>Subject File, 1876-1983, n.d.</u> Address lists, appointment books, awards, certificates, class notes, correspondence, diaries, directories, divorce records, financial records, invitations, magazine articles, newspaper clippings, obituaries, poetry, printed matter, reports, research notes, travel records, and other material. Arranged alphabetically by topic or type of material and therein chronologically.
BOX 16-17	<u>University of Missouri, 1935-1939, n.d.</u> Address lists, awards, class notes, correspondence, drawings, grade reports, invitations, laboratory notes, photographs, programs, song sheets, stride and slope scales, tests, and other material. Arranged alphabetically by topic or type of material and therein chronologically.
BOX 17-18	<u>Purdue University, 1939-1940</u> Class schedules, correspondence, directories, grade reports, laboratory notebooks, photographs, programs, and other material. Arranged alphabetically by topic or type of material and therein chronologically.
BOX 18-19	<u>Bell Telephone Laboratories, 1888-1946, n.d.</u> Address lists, bibliographies, correspondence, laboratory notes, lists, photographs, printed matter, reports, writings, and other material. Arranged alphabetically by topic or type of material and therein chronologically.
BOX 19-26	<u>Ohio State University, 1931-1958, n.d.</u> Bibliographies, class notes, correspondence, directories, employment records, laboratory notes, magazine articles, membership records, newspaper articles, patent records, photographs, poetry, printed matter, programs, reports, speeches, writings, and other material. Arranged alphabetically by topic or type of material and therein chronologically.
BOX 26-39	<u>Space Technology Laboratories, 1957-1963, n.d.</u>
BOX 26-29	<u>Correspondence, 1957-1963, n.d.</u> Greeting cards, letters, memoranda, telegrams, and attachments. Arranged alphabetically by name of correspondent and therein chronologically.
BOX 29	<u>Speeches, 1958-1963</u> Abstracts, correspondence, reviews, texts of speeches, and related matter. Arranged alphabetically by name of organization and therein chronologically.

- BOX 29-38** **Subject File, 1957-1963, n.d.**
Address lists, architectural drawings, awards, biographical material, correspondence, employment records, financial records, invitations, magazine articles, membership records, newspaper articles, organization charts, photographs, pocket diaries, printed matter, reports, invitations, travel records, writings, and other material.
Arranged alphabetically by topic or type of material and therein chronologically.
- BOX 39-110** **National Aeronautics and Space Administration, 1960-1970, n.d.**
- BOX 39-44** **Correspondence, 1963-1969, n.d.**
Greeting cards, letters, memoranda, telegrams, and attachments.
Arranged alphabetically by name of correspondent and therein chronologically.
- BOX 44-47** **Speeches, 1964-1969, n.d.**
Speeches, notes, transcripts, and appendices.
Arranged chronologically by date of speech.
- BOX 47-110** **Subject File, 1960-1970, n.d.**
Address lists, appointment books, awards, bibliographies, biographical material, cartoons, correspondence, diaries, directories, employment records, financial records, invitations, magazine articles, manuals, membership records, newspaper articles, organization charts, philatelic material, photographs, press releases, printed matter, reports, telephone logs, transcripts, travel records, writings, and other material.
Arranged alphabetically by topic or type of material and therein chronologically.
- BOX 110** **Writings, 1963-1969, n.d.**
Announcements, correspondence, journal and magazine articles, publication drafts, and reviews.
Arranged alphabetically by title and therein chronologically.
- BOX 111-124** **General Dynamics Corporation, 1958-1971, n.d.**
- BOX 111-112** **Correspondence, 1969-1971, n.d.**
Greeting cards, letters, memoranda, telegrams, and attachments.
Arranged chronologically.
- BOX 112-113** **Speeches, 1970-1971, n.d.**
Brochures, correspondence, journal and magazine articles, outlines, press releases, programs, and speeches.
Arranged alphabetically by name of organization and therein chronologically.
- BOX 113-124** **Subject File, 1958-1971, n.d.**
Appointment books, biographical material, correspondence, employment records, magazine articles, mail logs, membership records, newspaper articles, organization charts, photographs, press releases, social invitations, telephone logs, travel records, writings, and other material.
Arranged alphabetically by topic or type or record and therein chronologically.

- BOX 124-242 **System Development Corporation, 1957-1984, n.d.**
- BOX 124-131 **Correspondence, 1971-1983, n.d.**
Greeting cards, letters, memoranda, telegrams, and attachments.
Arranged alphabetically by name of correspondent and therein chronologically.
- BOX 131-136 **Speeches, 1971-1983, n.d.**
Correspondence, journal articles, newspaper clippings, notes, outlines, pamphlets,
photographs, programs, speech lists, and speeches.
Arranged alphabetically by name of organization and therein chronologically.
- BOX 136-241 **Subject File, 1957-1984, n.d.**
Appointment books, awards, biographical material, correspondence, directories, financial
records, magazine articles, mail logs, manuals, membership records, newspaper articles,
organization charts, philatelic material, photographs, printed matter, reports, social
invitations, song sheets, telephone logs, travel records, writings, and other material.
Arranged alphabetically by topic or type of material and therein chronologically.
- BOX 241-242 **Writings, 1972-1983, n.d.**
Correspondence, drafts, editorials, galleys, and journal and magazine articles.
Arranged alphabetically by title and therein chronologically.
- BOX 242-269 **International Academy of Astronautics, 1962-1995, n.d.**
- BOX 242-252 **Correspondence, 1982-1995, n.d.**
Greeting cards, letters, memoranda, telegrams, and attachments.
Arranged chronologically.
- BOX 252-269 **Subject File, 1962-1995, n.d.**
Annual reports, awards, bylaws, correspondence, financial records, magazine articles, mail
logs, newspaper clippings, philatelic material, photographs, press releases, printed matter,
reports, speeches, telephone logs, writings, and other material.
Arranged alphabetically by topic or type of material and therein chronologically.
- BOX 269-327 **Consulting and Professional File, 1952-1997, n.d.**
- BOX 269 **Correspondence, 1984-1994, n.d.**
Greeting cards, letters, memoranda, and attachments.
Arranged chronologically.
- BOX 269 **Speeches, 1984-1994, n.d.**
Speeches.
Arranged chronologically.
- BOX 269-327 **Subject File, 1952-1997, n.d.**
Appointment books, correspondence, financial records, magazine articles, manuals,
membership records, newspaper clippings, organization charts, philatelic material,
photographs, printed matter, reports, travel records, writings, and other material.
Arranged alphabetically by topic or type of material and therein chronologically.

BOX OV 1-OV 2

Oversize, 1893-1993, n.d.

Brochures, building plans, correspondence, maps, marriage certificate, newspaper articles, organization charts, photographs, posters, presentation charts, and schematic drawings.
Arranged according to the series, containers, and folders from which the items were removed.

BOX CL 1

Classified, 1942-1979, n.d.

Blueprint, correspondence, graphs, memoranda, notes, reports, telegrams, and writings.
Arranged according to the series, containers, and folders from which the items were removed.

Container List

<i>Container</i>	<i>Contents</i>
BOX 1-16	Family Papers, 1876-1983, n.d.
BOX 1-6	Correspondence, 1936-1983, n.d. Greeting cards, letters, telegrams, and attachments. Arranged alphabetically by name of correspondent and therein chronologically.
BOX 1	"A" miscellaneous, 1966-1973, n.d. Bosch, Florence and Laura (cousins), 1974-1977, n.d. Butler, Sue, 1971-1976, n.d. "B" miscellaneous, 1960-1976, n.d. "C" miscellaneous, 1940-1954, 1966-1974, n.d. Davis, Lynn and Lynn, 1965-1976, n.d. Diem, Wesley F., 1937-1940, n.d. (3 folders) "D" miscellaneous, 1944, 1954-1976, n.d. "E-G" miscellaneous, 1940-1941, 1954-1976, n.d. Hancock, Ken, 1936-1940 Hart, Gary and Daphne, 1973-1977, n.d. Hyvonen, Randall Linley and Karen Ann (daughter and son-in-law), 1967-1983, n.d. <i>See also</i> <u>Container 3, Mueller, Karen Ann</u> (3 folders)
BOX 2	"H" miscellaneous, 1941, 1960-1976, n.d. Jackson, Gail Patrick, 1971-1973, n.d. <i>See also</i> <u>Container 6, Velde, John Ernst ("Bud") and Gail Patrick</u> "J" miscellaneous, 1940, 1966-1972 Keil, Edward L. and Dorothy (cousin), 1966-1977, n.d. Klocker, Norman F. and Helen, 1936-1941, n.d. "K" miscellaneous, 1967-1974, n.d. Loewy, Raymond, 1973-1975 "L" miscellaneous, 1961-1975, n.d. Maule, Arthur and Laura (uncle and aunt), n.d. Miller, Maureen, 1971-1975 Mueller, Edwin and Ella (parents), 1936-1944, 1958-1973, n.d. (8 folders)
BOX 3	Mueller, Jean Elizabeth (daughter), 1958-1960, 1967-1969, n.d. <i>See also</i> <u>Container 5, Porter, James Martin and Jean Elizabeth</u> (3 folders) Mueller, Joan (niece), 1972-1976, 1982, n.d. Mueller, John David ("Jack") and Carolyn (brother and sister-in-law), 1937-1942, n.d. Mueller, Karen Ann (daughter), 1958-1966, n.d. <i>See also</i> <u>Container 1, Hyvonen, Randall Linley and Karen Ann</u> (2 folders) Mueller, Lisa (niece), 1972, n.d.

Family Papers, 1876-1983, n.d.

Container

Contents

	Mueller, Martha (aunt), 1941, 1971-1975, 1983
	Mueller, Maude Elizabeth (wife)
	Sept. 1939-Apr. 1940 <i>See also Oversize</i>
	(7 folders)
BOX 4	May 1940-Apr. 1982
	(8 folders)
	Undated
	(4 folders)
BOX 5	(4 folders)
	Mueller, Virginia Ann ("Ginny") (niece), 1975-1977, n.d.
	"M" miscellaneous, 1936, 1963-1974, n.d.
	"N-O" miscellaneous, 1967-1976, n.d.
	Porter, Daniel (grandson), 1983, n.d.
	Porter, James Martin and Jean Elizabeth (son-in-law and daughter), 1971-1977, n.d. <i>See also</i>
	<i>Container 3, Mueller, Jean Elizabeth</i>
	(3 folders)
	Porter, Titania (granddaughter), 1983
	"P" miscellaneous, 1936, 1955-1959, 1970-1974, n.d.
	Rosenbaum, Maude Elizabeth <i>See Containers 3-5, Mueller, Maude Elizabeth</i>
	Rosenbaum, William C. and Mildred V. (parents-in-law), 1940-1971
	"R" miscellaneous, 1959-1976, n.d.
	Schlingmann, Melanie, 1937
	"S" miscellaneous, 1937, 1974-1976, n.d.
	"T-U" miscellaneous, 1940-1942, 1964-1977, n.d.
BOX 6	Velde, John Ernst ("Bud") and Gail Patrick, 1974-1976, n.d. <i>See also Container 2, Jackson,</i>
	<i>Gail Patrick</i>
	"V" miscellaneous, 1974
	"W-Y" miscellaneous, 1936-1937, 1953-1976, n.d.
	Unidentified, 1937-1942, 1954-1977, n.d.
	(4 folders)
BOX 6-16	Subject File, 1876-1983, n.d.
	Address lists, appointment books, awards, certificates, class notes, correspondence, diaries, directories, divorce records, financial records, invitations, magazine articles, newspaper clippings, obituaries, poetry, printed matter, reports, research notes, travel records, and other material.
	Arranged alphabetically by topic or type of material and therein chronologically.
BOX 6	Address lists, 1964-1967, n.d.
	(7 folders)
	Agricultural Extension Service correspondence courses
	Soil fertility, 1950-1951, n.d.
	(2 folders)
	Poultry production, 1951-1952, n.d.
	(2 folders)
BOX 7	American Automobile Association, 1968-1969
	Appointment books, 1950-1970
	(9 folders)

Family Papers, 1876-1983, n.d.

Container

Contents

- Benton School, St. Louis, Mo., 1936
Birth records, 1941, 1948, n.d.
Christmas cards, 1975, n.d.
Cotter College, Nevada, Mo., 1940, 1959-1962, n.d.
Divorce, 1973-1974, n.d.
DuBarry success course *See Container 16, Richard Hudnut Salon*
Farm Service Directory for Ohio, ca. 1949
- BOX 8**
Financial records, 1928-1976, n.d.
(10 folders)
Household records, 1941, 1955-1956, 1965, n.d.
Insurance, 1935-1940, 1967-1971, n.d.
John Robert Powers School, New York, N.Y., n.d.
Marriage, 1941, n.d.
- BOX 9**
Miller Construction Co., Worthington, Ohio, 1950-1956
(2 folders)
Motor vehicle operator's permit, 1937
Mueller, Edwin and Ella (parents)
Appointment books, 1915, 1928, 1937-1951
(5 folders)
Art Treasures from Vienna exhibition, 1950
(2 folders)
Belleville Public Schools Alumni Association, Belleville, Ill., 1906
Benton School, St. Louis, Mo., 1926, 1935, 1951, n.d.
Birth records, 1952, n.d.
Blind Girls Home, St. Louis, Mo., ca. 1956
- BOX 10**
Bosch, Theodore and Elizabeth (grandparents), 1935, n.d.
Briner Electric Co., St. Louis, Mo., 1925, 1949-1967, n.d.
Caribbean cruise, 1972
(4 folders)
Cheer Club, St. Louis, Mo., n.d.
Christy Memorial Methodist Church, St. Louis, Mo., 1973
City Art Museum, St. Louis, Mo., 1946-1969
(5 folders)
Condensed Souvenir History of New Orleans for the Tourist, n.d.
Correspondence
"A-B" miscellaneous, 1954, 1960-1966, 1974, n.d.
Cooper, Leone, 1952-1955, n.d.
"C" miscellaneous, 1951, 1966, 1971-1974
Davis, Lynn, 1966
Del Calzo, Nick, 1965-1966
- BOX 11**
"D" miscellaneous, 1973-1974
"F-G" miscellaneous, 1952-1955, 1967-1974, n.d.
Hyvonen, Randall Linley and Karen Ann (son-in-law and daughter), 1967-1973, n.d.
"H" miscellaneous, 1914, 1965, n.d.
"J-L" miscellaneous, 1945-1954, 1960-1974, n.d.
Mueller, G. E., 1937-1973, n.d.
(8 folders)

- Mueller, G. E. and Maude Elizabeth (wife), 1943-1971, n.d.
 (2 folders)
- Mueller, Jean Elizabeth (daughter)
 1953-1966
- BOX 12 1967-1970, n.d.
- Mueller, John David ("Jack") (brother), 1942-1957, 1974, n.d.
- Mueller, Karen Ann (daughter), 1948-1966, n.d.
 (2 folders)
- Mueller, Maude Elizabeth (wife), 1941-1972, n.d.
- "M" miscellaneous, 1943, 1965-1972, n.d.
- "N-U" miscellaneous, 1944-1948, 1955-1966,
 1973-1974, n.d.
- Van Kerckvorrde, Octave, 1922
- Veiled Prophet, 1939
- "W-Y" miscellaneous, 1951-1958
- Unidentified, 1963-1973, n.d.
- Ehret, Mary, 1876 (great-great-grandmother?)
- Fiftieth wedding anniversary, n.d.
- Financial records, 1918-1958
 (2 folders)
- Gems of American Architecture*, 1935
- Highland, Ill., centennial, 1937
- Hillary, Ethel Dean, 1960-1964, n.d.
- Insurance, 1891, 1929-1946, 1966-1974, n.d.
- Lions Council of Greater St. Louis, St. Louis, Mo., n.d.
- Miscellany, 1943, 1965-1970, n.d.
- BOX 13 National Electrical Contractors Association, 1946, 1961 *See also Oversize*
 (2 folders)
- National Medal of Science, 1971 *See also Container 113, Awards*
- Newspaper and magazine articles, 1923, 1951-1958, 1966-1971, n.d.
- Obituaries, 1922, 1936, 1943-1944, 1953-1974, n.d.
- Order of the Eastern Star, Polar Star chapter, St. Louis, Mo., 1932
- Owens, Linda Ann, 1943, n.d.
- Philharmonic Orchestra, Belleville, Ill., ca. 1967
- Ration coupons, 1921, 1943-ca. 1946, n.d.
- Residences
- 6 Villawood Lane, Webster Groves, Mo., 1941-1968, n.d. *See also Oversize*
- 2933 Moniteau Drive, St. Louis, Mo., 1916-1939, n.d. *See also Oversize*
 (2 folders)
- 4359 Taft Ave., St. Louis, Mo., 1968-1970, n.d.
- 4559 Morganford, St. Louis, Mo., 1969-1971
- 5347 St. Louis Ave., St. Louis, Mo., 1916-1918
- St. Louis, Mo., bicentennial, 1964, n.d. *See also Oversize*
- St. Louis Bicentennial Space Symposium, St. Louis, Mo., 1964-1965, n.d.
- St. Louis National Baseball Club, Inc., St. Louis, Mo., 1930
- Scottish Rite of Freemasonry, St. Louis, Mo.

Family Papers, 1876-1983, n.d.

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	1924-1955 (3 folders)
BOX 14	1956-1971, n.d. (5 folders) Selective Service System, 1942 <i>Songs of Our Country</i> , n.d. University School, Columbus, Ohio, 1950 Vos Amies Club, St. Louis, Mo., 1968-1971, n.d. Mueller, Ferdinand A. (uncle), 1961 Mueller Farms, Hyder, Ariz., 1983 Mueller, George and Elizabeth (great-grandparents), 1876-1898 Mueller, George and Margaretha (grandparents), 1892-1939, n.d. <i>See also Oversize</i> (2 folders) Mueller, Jean Elizabeth (daughter), 1946-1964, n.d. Mueller, John David ("Jack") (brother), 1941-1949, n.d. Mueller, Karen Ann (daughter)
BOX 15	1950-1959 1961-1972, n.d. Mueller, Martha (aunt), 1963 Mueller, William (uncle), 1935, 1942, 1951, 1959-1960, n.d. Normandy High School, St. Louis, Mo., 1933-1940, n.d. <i>See also Oversize</i> (4 folders) Pets, 1952-1960, n.d. Prepaid sales tax receipts, n.d. "Radio Bugs," n.d. Reading list, n.d. Residences 258 East Dominion, Columbus, Ohio, 1958, n.d. 1250 Villa Woods Dr., Pacific Palisades, Calif., 1960-1964 2440 Delbert Rd., Columbus, Ohio, 1946-1947, n.d. <i>See also Oversize</i> 3043 West Lane Key St., N.W., Washington, D.C., 1971 3690 West Granville Rd., Worthington, Ohio, 1943-1970, n.d. <i>See also Oversize</i> (4 folders)
BOX 16	6600 Crestwood Lane, Worthington, Ohio, 1956-1959, n.d. (3 folders) Richard Hudnut Salon, DuBarry success course, New York, N.Y., ca. 1944 (5 folders) Rosenbaum, William Christian (father-in-law), 1971 Selective Service System, 1944 Travel, 1955, n.d. University of California, principles of education course, 1959 Writings, n.d.
BOX 16-17	University of Missouri, 1935-1939, n.d. Address lists, awards, class notes, correspondence, drawings, grade reports, invitations, laboratory notes, photographs, programs, song sheets, stride and slope scales, tests, and other material.

University of Missouri, 1935-1939, n.d.

Container

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Arranged alphabetically by topic or type of material and therein chronologically.

BOX 16

Address lists, n.d.
American Institute of Electrical Engineers, 1938
Awards, 1937-1939
Class and laboratory notes, 1939, n.d.
Class schedules, 1935-1938, n.d.
Columbia, Mo., cyclotron, n.d.
Commencement, 1939
Correspondence
 Sept. 1936-June 1939
 (2 folders)

BOX 17

 July-Aug. 1939, n.d.
Drawings, MEG-47, n.d.
Federal Communications Commission, 1935, n.d.
Grade reports, 1939, n.d.
Invitations, 1938-1939
Programs
 Kansas City, Mo., Philharmonic Orchestra, 1936
 Varsity football, 1936
Song sheet, n.d.
Stride and slope scales, n.d.
Tests, n.d.
Yearbooks, 1936-1937
 (2 vols.)

BOX 17-18

Purdue University, 1939-1940

Class schedules, correspondence, directories, grade reports, laboratory notebooks, photographs, programs, and other material.
Arranged alphabetically by topic or type of material and therein chronologically.

BOX 17

Class schedule, 1940
Commencement, 1940
Correspondence, 1939-1940, n.d.
Final oral examination, 1940
Grade report, 1940
Laboratory notebook, 1940
 (2 folders)

BOX 18

Staff directory, 1939-1940

BOX 18-19

Bell Telephone Laboratories, 1888-1946, n.d.

Address lists, bibliographies, correspondence, laboratory notes, lists, photographs, printed matter, reports, writings, and other material.
Arranged alphabetically by topic or type of material and therein chronologically.

BOX 18

Address lists, n.d.
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 Set no. 2

Bell Telephone Laboratories, 1888-1946, n.d.

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Set no. 3

Set no. 4

Set no. 5

Bibliographies

"A Bibliography on Metallic Rectifiers of the American Institute of Electrical Engineers," 1946

Ultra short wave progress, 1915, 1925-1937, n.d.

Caruthers, R. S., "Copper Oxide Modulators in Carrier Telephone Systems," 1939

Correspondence, 1940

Esso Research Center, Linden, N.J., n.d.

Gray, Frank, "A Survey of Variable Conductors," 1944

(3 folders)

Intermediate frequency transformers, 1941 *See also Classified*

K/z and Z magnetrons, 1940-1946, n.d.

Laboratory notes

ca. 1942-1946

(3 folders)

BOX 19

Undated

(2 folders)

List of contributors, n.d.

Missouri School of Mines, Rolla, Mo. *See same container, University of Missouri*

Murray Hill facility, New Providence, N.J., n.d.

Ohio State University, Columbus, Ohio, 1945-1946

Photographs, 1940, n.d.

Postgraduate study plan, 1945, n.d.

Riverside Church, New York, N.Y., 1931, 1941-1943, n.d.

Rust, Arthur, *Electricity: Theoretically and Practically Considered by the Aid of Thermo-electricity*, 1888

Thermistors (thermally sensitive resistors), 1941, n.d.

University of Missouri, Rolla, Mo., 1945

Wave filters, high pass and low pass, 1943-1944, n.d.

(2 folders)

Weather measuring devices, 1945

Writings

"Propagation of Six Millimeter Waves," 1944-1946, n.d. *See also Classified*

(3 folders)

"Uni-Velocity Electron Stream," 1940, n.d.

BOX 19-26

Ohio State University, 1931-1958, n.d.

Bibliographies, class notes, correspondence, directories, employment records, laboratory notes, magazine articles, membership records, newspaper articles, patent records, photographs, poetry, printed matter, programs, reports, speeches, writings, and other material.

Arranged alphabetically by topic or type of material and therein chronologically.

Able 3 satellite, n.d.

Advanced guidance program, 1957 *See also Classified*

"Advanced Network Theory," n.d.

BOX 20

Advisory group on electron tubes, 1958

Alexander, T. E., 1956

- Audio equipment, 1939-1952 *See also Oversize*
- Bardeen, John, et al., "The Transistor and Related Experiments," 1948
- Becker, J. A., et al., "Transistors," 1949
- Bell Laboratories Record*, 1949
- Bibliographies, ca. 1955
- Brooks, Jack E., 1956
- Business cards, n.d.
- Carter, Clarence J., "Limitations on the Maximum Frequency of the Retarding-Field Oscillator," 1953
(2 folders)
- Class and laboratory notes
- Corn culture, course IV lessons, 1951-1952
(2 folders)
- Electrical engineering courses
- 603, 1946
- 634, 1949-1957, n.d. *See also Container 26, "Introduction to Non-Linear Circuits"*
(5 folders)
- 665, 1949-1953, n.d.
- 707, 1952-1956, n.d.
(1 folder)
- BOX 21** (1 folder)
- 743, n.d.
- 781, 1947
- 801, 1948
- 834, 1948-1953, n.d.
(2 folders)
- Math course 721, n.d.
- Ph.D. general examination, 1946-1950, n.d.
(2 folders)
- Physics courses
- 436, 1947
- 727, 1948, n.d.
(3 folders)
- 728, n.d.
(2 folders)
- 740, n.d.
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- BOX 22** (2 folders)
- 741
- Midterm examination, 1948
- Notes, n.d.
- Problems, n.d.
- 742, 1948
- 824, n.d.
- 840, 1947, n.d.
- Unidentified, 1945-1946, n.d.
(5 folders)

BOX 23

College of Engineering
Committees, 1956-1957
Electrical Engineering Building dedication, 1952
Ten-year plan, ca. 1954
Columbus Digest, 1797-1947, 1947
Commencement, 1951
Communication satellites, n.d. *See also Classified*
Cook, Wendell Arnold, "Electron Emission from Cesium Coatings in a Hollow Beam Cathode," 1954
Correspondence, 1946-1958, n.d.
(3 folders)
Cosgriff, Robert L., untitled study of nonlinear servo mechanisms, 1953
(2 folders)
Crystal rectifiers *See Container 25, Varistors*
Dielectric antennas, 1951-1956
Dielectrics, 1956
Directories, 1955-1958, n.d.
Doppler radar, 1956-1957, n.d. *See also Oversize*
Dovap system, 1956-1957, n.d. *See also Classified*
(2 folders)
Dowell, K. P., "Thermistors as Components; Open Product Design Horizons," ca. 1948
Electron tube research conference, Berkeley, Calif., 1957, n.d.

BOX 24

Employment records, 1942-1957, n.d.
"An Engineer's Lament," n.d.
Flame attenuation program *See same container, High frequency rate system*
Frequency modulation (FM) television, 1944, n.d.
General Electric Co., Syracuse, N.Y., 1955-1956, n.d.
Hartig, H. D., "Charts for Transmission Line Problems," 1931
High frequency rate system, 1956, n.d. *See also Classified*
Hollow beam cathode
General, 1955, n.d.
Noise diodes, 1952-1954, n.d.
(2 folders)
Plots, 1957
IBM 705 electronic data processing machine, n.d.
Improved tracker, 1956, n.d. *See also Classified*
Laboratory equipment, n.d.
Magnetic amplifiers, 1952, n.d.
Magnetron test data, 1945-1955, n.d.
Miscellany, 1955
Mitten, Loring Goodwin, "A New Algorithm for a Restricted Class of Linear Programming Problems," n.d.
Mod III program review, 1957, n.d.
Moll, John L., "Analysis of Magnetron Oscillations at Low Magnetic and Electric Fields," 1952
(2 folders)
Mushiake, Yashuto, "A Theoretical Analysis of the
Multi-Element End-Fire Array with Particular Reference to

- the Yagi-Uda Antenna," n.d.
National Security Agency, Washington, D.C., 1955, n.d.
New York Academy of Sciences, New York, N.Y., 1956-1957
Newspaper and magazine articles, 1954
- BOX 25
- Noise and electron, n.d.
Noise measurement, 1939-1945, n.d. [*See also Classified*](#)
Nonlinear circuits, 1948
Ohio State University Association, Columbus, Ohio, 1952
Patent applications, 1948-1950
Q-standard, 1954
Radiation, Inc., Melbourne, Fla., n.d.
Radio eye, n.d.
Range instrumentation, 1956
Roger White Electronic Devices, Inc., Haskel, N.J., n.d.
Ryder, E. J., et al., "Positive Holes and the Transistor," 1949
"Saga of the Meramac; A Drama of Conservation," 1953
Schneider, Herb, n.d.
Semiconductors, n.d.
Sigma Pi Sigma, n.d.
Sigma Xi, 1948
Speech, "The Engineering Manpower Shortage and Its Effects upon the Future of Engineering Education," 1957, n.d.
Sturley, Kenneth Reginald, "Coupled Circuit Filters; Generalised Selectivity, Phase Shift, and Trough and Peak Transfer Impedance Curves," 1943
Thermistors (thermally sensitive resistors), 1947
Thompson Ramo Wooldridge, Inc., 1955-1958
Varistors, 1945-1947, n.d.
Wheeler, Harold A.
 "Formulas for Electron Tubes," 1950
 "The Radian Sphere around a Small Antenna," 1956
 "Simple Theory of Backward-Wave Oscillator," 1956
Wolking, Donald H., "Design Parameters for Magnetrons Operating in the Low Field Mode," 1952
Writings
 "A Broadside Dielectric Antenna," 1952
 "Dielectric Antennas"
 Abstract, 1957
 Drafts, 1951
 (2 folders)
 (1 folder)
 Final, 1951
 (2 folders)
 "The Gammicon," 1955
 "Introduction to Non-Linear Circuits," 1952 [*See also Containers 20-21, Electrical engineering course 634*](#)
 (3 folders)
 "Low Field Magnetrons at Millimeter Waves," 1957-1958, n.d.
- BOX 26

"Millimeter tubes," 1947, 1955

"Non-Linear Circuits," n.d.

BOX 26-39 **Space Technology Laboratories, 1957-1963, n.d.**

BOX 26-29 **Correspondence, 1957-1963, n.d.**

Greeting cards, letters, memoranda, telegrams, and attachments.

Arranged alphabetically by name of correspondent and therein chronologically.

BOX 26 "A" miscellaneous, 1960-1963

"Ba-Be" miscellaneous, 1959-1963, n.d.

(2 folders)

BOX 27 "Bi-Bu" miscellaneous, 1958-1963

(2 folders)

"C-J" miscellaneous, 1957-1963, n.d.

(12 folders)

BOX 28 "K-Q" miscellaneous, 1958-1963, n.d.

(13 folders)

"Ra-Re" miscellaneous, 1957-1963

BOX 29 "Ri-Ru" miscellaneous, 1958-1963

"S-Z" miscellaneous, 1957-1963

(9 folders)

Multiple recipients (i.e., addressed to three or more persons), 1958-1963

BOX 29 **Speeches, 1958-1963**

Abstracts, correspondence, reviews, texts of speeches, and related matter.

Arranged alphabetically by name of organization and therein chronologically.

BOX 29 American Astronautical Society, Palo Alto, Calif., 1959

American Rocket Society

Los Angeles, Calif., 1961

New York, N.Y., 1958

Syracuse, N.Y., 1959

Washington, D.C., 1960

British Interplanetary Society, London, England, 1961

Institute of Electrical and Electronics Engineers, San Diego, Calif., 1963

Institute of Radio Engineers

Dallas, Tex., 1961

Denver, Colo., 1959

Los Angeles, Calif., 1960

Santa Barbara, Calif., 1959

Washington, D.C., 1960

University of Michigan, Ann Arbor, Mich., 1958

Western Electronic Show and Convention, San Francisco, Calif., 1959

BOX 29-38 **Subject File, 1957-1963, n.d.**

Address lists, architectural drawings, awards, biographical material, correspondence,

employment records, financial records, invitations, magazine articles, membership records,

Space Technology Laboratories, 1957-1963, n.d.

Container

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- newspaper articles, organization charts, photographs, pocket diaries, printed matter, reports, invitations, travel records, writings, and other material.
Arranged alphabetically by topic or type of material and therein chronologically.
- BOX 29** Address lists, 1959-1963, n.d.
- BOX 30** Advanced Aerospace Technology, Inc., proposal, n.d.
Advanced Orbiting Solar Observatory (S-67), 1962
(2 folders)
Advanced projects briefing, 1963
Aerospace Industries Association of America, 1963
Aerospace Technologies Corp. proposal, 1963, n.d. *See also Container 69, Defense Systems Corp. proposal*
(4 folders)
American Bosch Arma Corp., 1963, n.d.
American Institute of Aeronautics and Astronautics, 1963, n.d.
American Rocket Society, 1959-1962
- BOX 31** Apollo direct flight study, 1962
Audio equipment, 1963, n.d.
Awards, 1958-1962
Bain, Robert A., "Low Frequency Noise in Range Instrumentation Systems," 1962
Biographical material, 1962-1963, n.d.
(2 folders)
Business cards, n.d.
Capital for Technical Industries, Inc., Santa Monica, Calif., 1963
Communication satellites
1958-1963
(5 folders)
- BOX 32** Undated
(2 folders)
Convair Division, San Diego, Calif. *See Container 34, General Dynamics Corp. Cost-Quality Calculator*, 1962
Currency, Vietnam, n.d.
Curtis, Tom, 1959
Cypress Park Properties, Fullerton, Calif., 1960-1962, n.d.
Democratic National Committee, Washington, D.C., 1963
Diaries, pocket, 1959
Dura Corp., Oak Park, Mich., 1963, n.d.
Edmundo Ros' Club, London, England, ca. 1961, n.d.
Employment records, 1958-1964
Executive Car Leasing Co., Los Angeles, Calif., ca. 1959
Explorer and Pioneer satellites, 1958-1960, n.d.
(4 folders)
Financial records, 1960-1962
- BOX 33** *Flight Performance Handbook for Orbital Operations*
1961
(2 folders)

Space Technology Laboratories, 1957-1963, n.d.

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BOX 34	1962 (3 folders) General Dynamics Corp., Convair Division, San Diego, Calif., 1959 Goddard Memorial Dinner, Washington, D.C., 1963 Guidance system control mock-up, 1958 Harker & Co., 1962, n.d. Houston, William Vermillion, "Waves and Particles," 1960 Huntington Beach, Calif., 1961-1963, n.d. Industrial Research Institute, New York, N.Y., 1961, n.d. Institute of Electrical and Electronics Engineers, 1963 Institute of Radio Engineers, 1958-1960 (2 folders) International Astronautical Federation 1959-1961 (3 folders)
BOX 35	1962-1963 (2 folders) Larsen, Finn J., "Statement before the Military Operations Subcommittee of the House Committee on Government Operations," 1962 Lunar excursion module, 1962 Lunar logistics system, 1962 (2 folders) Marlo Towers, New York, N.Y. <i>See Oversize</i> Martin Co., Denver, Colo., 1960 McGuire, James B., et al., "The Size of the Solar System," n.d. McMahon, Allen J., "Solar and Interplanetary Medium Disturbances," 1962 Meeting notes and transcriptions, 1963, n.d. National Aeronautics and Space Administration, Washington, D.C., 1962-1963, n.d. National Telemetry Conference, Denver, Colo., 1959 Newspaper and magazine articles, 1958-1963 Ohio State University, Columbus, Ohio, 1959-1963 One Relief Fund, Los Angeles, Calif., ca. 1958 Organization and management General, 1963, n.d. (2 folders)
BOX 36	Other companies, 1963 (2 folders) Space Technology Laboratories, 1958-1963, n.d. (6 folders) Pacific Semiconductors, Inc., 1963 Passport, 1958 Personnel, 1960, n.d. Photographs, n.d. Pioneer satellite <i>See Container 32, Explorer and Pioneer satellites</i> Poussin, Nicholas, 1958 Poynting-Robertson Effect, 1963 President's Club, Washington, D.C. <i>See Container 32, Democratic National Committee</i>

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- BOX 37 "A Program to Reverse the Space Gap," 1962
Purdue University, Lafayette, Ind., ca. 1960
Rantec Corp., Calabasas, Calif., 1963
Rubidium frequency standard, n.d.
Ryan Aeronautical Co., San Diego, Calif., 1963
"Saturn Systems Automation Preliminary Study Report," 1962
Science in Space, 1960
Scientific Research Society of America, 1960
Security clearances, 1962-1963
Signature authorizations, 1959
Space and Missile Planning Committee, 1962
(2 folders)
Space Research and Manufacturing Corp. proposal, 1961, n.d.
STL Employees Association, 1958
Task force production scheduling operation, 1962
Travel
29 Sept. 1957-9 Nov. 1959
(2 folders)
- BOX 38 11 Nov. 1959-31 Aug. 1963, n.d.
(6 folders)
University of Michigan, Ann Arbor, Mich., 1959-1960
Winter Convention on Military Electronics, Los Angeles, Calif., 1959-1960, n.d.
- BOX 38-39 Writings, 1959-1963, n.d.
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Arranged alphabetically by title and therein chronologically.
- BOX 38 *Communication Satellites*, 1962-1963
(4 folders)
- BOX 39 "Contemporary Problems in Space Communication," 1960, n.d.
"The Electronics of the Orbiting Geophysical Observatory," 1963
"From Pioneer V to Interstellar Communications," 1960
"An Interplanetary Communication System," 1959
"Pioneer V and Explorer VI, Systems Engineered Space Probes," 1960
"Practical Aspects of Data Processing and Encoding for Space Communications," 1963, n.d.
"Pragmatic Approach to Space Communication," 1959-1960
"A Report on Interplanetary Experiments," 1962
"Satellites for Area Communication," 1962
"The Space Competition," 1961
"Space Investigation: Past, Present, and Future," 1959
"A Space Navigation and Communication System," 1960
"The Space Tracking and Navigation Network," 1960
- BOX 39-110 **National Aeronautics and Space Administration, 1960-1970, n.d.**
- BOX 39-44 **Correspondence, 1963-1969, n.d.**
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BOX 40	"B" miscellaneous, 1963-1969, n.d. (3 folders) Clarke, Arthur Charles, 1964-1969 "C" miscellaneous, 1963-1969, n.d. <i>See also Classified</i> (3 folders) Debus, Kurt H., 1965-1969 "Da-Di" miscellaneous, 1963-1969, n.d.
BOX 41	"Do-Dy" miscellaneous, 1963-1969, n.d. "E-F" miscellaneous, 1963-1969, n.d. (2 folders) Gwinn, William P., 1965-1969, n.d. "G" miscellaneous, 1963-1969, n.d. (2 folders) Humphrey, Hubert H., 1965-1968 "H" miscellaneous, 1963-1969, n.d. (2 folders) "I-J" miscellaneous, 1963-1969, n.d. (2 folders)
BOX 42	Kelley, Ernestine, 1964-1967, n.d. "K" miscellany, 1963-1969, n.d. (2 folders) Loewy, Raymond, 1968-1969, n.d. Lovell, Bernard, 1964-1969 "L" miscellany, 1963-1969, n.d. (2 folders) Maxfield, James R., Jr., 1966-1969, n.d. Miller, George P., 1964-1969, n.d. Morrow, Tom F., 1965-1969, n.d. "M" miscellaneous, 1963-1969, n.d. (3 folders)
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BOX 45	Apr. 1964-Sept. 1965 (11 folders)
BOX 46	Jan. 1966-Nov. 1968 (11 folders)
BOX 47	Jan.-Nov. 1969, n.d. (7 folders)
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BOX 47	Achievement Rewards for College Scientists, 1966-1969 Action items Sept. 1963-Oct. 1966 (5 folders)
BOX 48	Nov. 1966-Aug. 1969, n.d. (6 folders) Address lists, 1969, n.d. Advanced Space Technology Working Group, 1968 Aero Club of Washington, Washington, D.C., 1963 Agtec Corp., Los Angeles, Calif., 1963-1966, n.d. Airworld Publishing Corp., New York, N.Y., 1964-1967 Alvarez, L. W., et al., "Cosmic Ray Studies with a Superconducting Magnet in a Space Station Facility," 1969 American Astronautical Society, 1967-1969

National Aeronautics and Space Administration, 1960-1970, n.d.

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BOX 49	American Institute of Aeronautics and Astronautics, 1963-1969, n.d. (6 folders) American Ordnance Association, 1964-1965 American Physical Society, 1966-1967 Anniversaries of National Aeronautics and Space Administration, 1963-1967 Antarctica trip, 1967-1969 Apollo Applications Program June 1967-June 1969 (4 folders)
BOX 50	Dec. 1969, n.d. (3 folders) Apollo earth orbital timeline, 1967 Apollo Executives' Committee, 1965 Apollo lunar surface experiment package, 1968 Apollo Program All-up concept, 1969 Apollo 4 July-Nov. 1967 (10 folders)
BOX 51	1967, n.d. Apollo 5, 1968 Apollo 6, 1968-1969 (7 folders) Apollo 7 28 May 1966-26 Sept. 1968 (5 folders)
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 - United States House of Representatives, Subcommittee on Space Science and Applications, Washington, D.C., 1978-1979
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Spaceweek, 1983
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Spangler, Eugene R., "The Management of Major Systems Programs," n.d.
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- BOX 230** (1 folder)
Spread spectrum communications, 1981
"Study of Major Acquisitions for Government Business," 1983
System Development Corporation Bulletin, 1971-1981
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System Development Foundation, San Francisco, Calif., 1967-1977, n.d.
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Tactical information display environment, 1982
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BOX 247

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Marshall, John M., "The Mobile Concept and Automated Checkout of Apollo/Saturn V Space Vehicle," 1989
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- BOX 265** 1984-1986
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- BOX 266** 1987-1992, n.d.
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- BOX 269** 1984-1994, n.d.
- BOX 269** **Speeches, 1984-1994, n.d.**
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- BOX 269-327** **Subject File, 1952-1997, n.d.**
Appointment books, correspondence, financial records, magazine articles, manuals, membership records, newspaper clippings, organization charts, philatelic material, photographs, printed matter, reports, travel records, writings, and other material.
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 - Association Aéronautique et Astronautique de France, Paris, France, 1986
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 - Astro Sciences Corp., Chatsworth, Calif., 1987-1994, n.d.
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 - Atwood, J. Leland, 1988-1990
 - Austrian Solar and Space Agency, Vienna, Austria, 1987
 - Bean, Alan, 1984
 - Beichel, Rudi, "Advanced Technologies, the Key to Affordable Access to Space," 1994
 - Bekey, Ivan, "A Perspective on Advanced Transportation," 1988
 - Bio-Polymers, Inc., Farmington, Conn., 1986
 - Biosphere II, 1990-1994
 - British Interplanetary Society, 1986-1987
 - Business cards, n.d.
 - California Fund for Music, n.d.
 - California Institute of Technology, Pasadena, Calif., 1985-1986, n.d.
 - California Seminar on International Security and Foreign Policy, Santa Monica, Calif., 1984
 - California Space Institute, La Jolla, Calif. [*See Container 321, University of California, San Diego*](#)
 - Carpenter, Gail, et al., "Associative Learning, Adaptive Pattern Recognition, and Cooperative-Competitive Decision Making by Neural Networks," 1986
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- CelluComm Systems Development Limited Partnership, Seattle, Wash., 1984
 - Centre National d'Études Spatiales, Toulouse, France, 1987-1990
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 - "Chemical Weapons Verification Technology Development," 1989
 - Clark, Edward H., Jr., "OPEC at the Crossroads," 1985
 - Clarke, Arthur Charles, 1984-1992, n.d.
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 - Clinical Systems International, Newport Beach, Calif., 1986-1989, n.d.
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 - Codowell, S. A., 1984
 - Cohesive Network Corp., Campbell, Calif., 1985, n.d.
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 - Collins, Martin J., 1988
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- Station: United States Proposal and Implementation," and "The Present Status of the Agreement Governing the Activities of States on the Moon and Other Celestial Bodies," 1984-1988
- Geodynamics Corp., Santa Barbara, Calif., n.d.
- Geosat Committee, Inc., San Francisco, Calif., 1986-1990
- Gray, T. Brian, 1987-1993, n.d.
- Grove Hill Industries, Inc., New Haven, Conn., 1985
- Guide to G. E. Mueller papers [See Container 303, Neushul, Peter](#)
- BOX 286** Harold Beveridge Co., Santa Barbara, Calif., ca. 1984
- Harvey Mudd College, Claremont, Calif., 1984-1986
- Hecht-Nielson Neurocomputer Corp., San Diego, Calif., 1987
- Heidmann, Jean, "The MEGASETI, a Major Step in Bioastronomy" and "SAHA, a Dedicated Lunar Far Side Crater for SETI," 1987, 1994
- Hermann-Oberth-Gesellschaft e.V., Flughafen Bremen, Germany, 1984-1986
- Hughes Aircraft Co. v. United States*, 1991, n.d.
- Hunter, Maxwell W., "White Paper: The Art of Weaponry," "The SSX Single Stage Experimental Rocket," and "The Opportunity," 1985-1987
- Information Institute, Santa Barbara, Calif. [See same container, International Academy at Santa Barbara](#)
- Institute for Biomedical Problems, Moscow, Russia, n.d.
- Institute for Space and Terrestrial Science, North York, Ontario, Canada, 1990-1991
- Institute for Western Hemisphere Studies, San Antonio, Tex., 1992
- Institute of Electrical and Electronics Engineers, 1982-1992, n.d.
- International Academy at Santa Barbara, Santa Barbara, Calif., 1984-1987, n.d.
- International Astronautical Federation
- Awards, 1983
- Beichel, Rudi, et al., "A Direction for Advanced Launch Vehicles," 1985
- "Buenos Aires Declaration on the XII Tables of the Rights of Mankind," 1989
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- "Comportamiento del Sistema Tierra," 1990
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Fries, Sylvia Doughty, "Apollo: A Pioneering Generation," 1986
An Introduction to the International Astronautical Federation, 1986
Joint Board of Remote Sensing Activities, 1987-1990
Linkin, V. M., et al., "The Mars Balloon System for the Mars 1994 Mission," 1989
National Scientific and Technical Conference with International Participation, Varna, Bulgaria, 1990
Nozette, Stewart, "Modeling and Simulation of Large Scale Space Systems," 1986
Oliver, B. M., "Efficient Interstellar Rocketry," n.d.
"Sänger Space Transportation System Status Report 1988," 1988
Symposium on Space Technology for Disaster Prediction, Communications, and Rescue, New York, N.Y., 1990
International Astronautical Union, 1987-1990
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LunaCorp, Great Falls, Va., 1990-1993
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Lunar Bases and Space Activities of the Twenty-first Century symposia, 1984-1988

- Lunar Development Council, 1987
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McKenzie, Jim, 1985
Meeting notes and transcriptions, n.d.
Missouri School of Mines, Rolla, Mo. [See Container 326, University of Missouri](#)
Murray, Bruce, "Destination Mars: A Manifesto," 1990
Music Center of Los Angeles County, Los Angeles, Calif., 1984-1985, n.d.
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 Aerospace Safety Advisory Panel, 1987
 "America's Next Decade in Space: A Report from the Space Task Group," 1969, 1989
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Bioengineering and Rehabilitation: Windows of Opportunity, Past, Present and Future,
 1985
Biomedical Office, 1984-1985
Comet Shoemaker-Levy 9, 1994
Commercial Use of Space: A New Economic Strength for America, n.d.
Earth Orbiting System: A Mission to Planet Earth, 1990
Fletcher, James C., 1986
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Neushul, Peter, 1996
(3 folders)
New York Academy of Sciences, New York, N.Y., 1988

Consulting and Professional File, 1952-1997, n.d.

Container

Contents

- BOX 304 Newcorp proposal, n.d.
Ocean Corp., Houston, Tex., 1984-1993
(2 folders)
Office of Technology Assessment, Washington, D.C.
Jan.-May 1984
(6 folders)
- BOX 305 Aug. 1984-Sept. 1988
(3 folders)
Ohio State University, Columbus, Ohio, 1985-1986
Original Computer Camp, Santa Barbara, Calif., 1983-1985
(2 folders)
Paine, Thomas O., "A Timeline for Martian Pioneers," 1984
Parwon & Hawkins, Ltd., Santa Barbara, Calif., 1988
Pepperdine University, Malibu, Calif., 1985-1987
Photographs, n.d.
Planetary Society
1986-1990
(2 folders)
- BOX 306 1992-1995, n.d.
(2 folders)
Polar High Corp., Mountain View, Calif. *See same container, Project Polar High*
Presidential Commission on the Space Shuttle Challenger Accident *See Containers 300-301, Space Shuttle Program*
Private Network Co., Bethesda, Md., 1985-1986
Project Polar High, Polar High Corp., Mountain View, Calif., 1988
Purdue University, Lafayette, Ind., 1985
Quintron Cellular Associates, Quincy, Ill., 1984
Research Libraries Group, Stanford, Calif., 1985, n.d.
Rockwell International Corp., Strategic Defense Center, Seal Beach, Calif.
Dec. 1987-Nov. 1989
(5 folders)
- BOX 307 Mar. 1990-Aug. 1991
(8 folders)
- BOX 308 Sept. 1991-Aug. 1993
(8 folders)
- BOX 309 Sept. 1993-June 1995
(3 folders)
Rogers, T. F., "A Financial-Institutional Strategy for U.S. Solar System Exploration and Settlement," 1992
Royal Centre for Remote Sensing, Rabat, Morocco, n.d.
Salkeld, Robert J., 1983-1989, n.d.
(2 folders)
Salkeld, Robert J., et al., "White Paper on the Return to the Moon," 1984
Samsung Semiconductor and Telecommunications Co., Seoul, Korea, 1986
Santa Barbara County, Calif.
Bel-Air Association, 1986

Consulting and Professional File, 1952-1997, n.d.

Container

Contents

- Business Resources Advisory Group, 1988-1990
(2 folders)
- BOX 310** Citizens Committee for Montecito, 1986-1991, n.d.
(3 folders)
Council on Incorporation of Montecito [See same container, Citizens Committee for Montecito](#)
General, 1989-1990, n.d.
Montecito Council of Allied Neighborhoods, 1991
Montecito Protective and Improvement Association, 1987-1991, n.d.
(3 folders)
Montecito Water District
Summer 1976-Apr. 1985
- BOX 311** Oct. 1988-Oct. 1992
(10 folders)
- BOX 312** Nov. 1992-Nov. 1994, n.d.
(5 folders)
Oak Creek Canyon Ranch, 1987-1992 [See also Oversize](#)
Productivity Enhancement Program [See Container 309, Business Resources Advisory Group](#)
San Leandro Neighborhood Association, 1987-1989
Zoning, 1983-1989
- BOX 313** SatScan, Inc., Corte Madera, Calif.
1984-1986
(8 folders)
- BOX 314** 1987, n.d.
Science and Engineering Council of Santa Barbara, Santa Barbara, Calif., 1985-1988
Scripps Clinic and Research Foundation, LaJolla, Calif., 1985, n.d.
Sea-Space Symposium, 1984-1994
(5 folders)
Shepherd, L. R., "Interstellar Flight," "Advanced Propulsion Systems in Spaceflight," and "Prelude and First Decade, 1951-1961," 1952, 1968, 1994
Smithsonian Institution, Washington, D.C.
National Air and Space Museum, 1984, 1990
(2 folders)
National Board, Smithsonian Associates
Sept. 1986-Jan. 1990
(2 folders)
- BOX 315** Mar. 1990-Mar. 1993
(8 folders)
- BOX 316** Apr. 1993-Apr. 1995
(4 folders)
Society Expeditions, Seattle, Wash., 1985-1986, n.d.
(4 folders)
- BOX 317** Society of Naval Architects and Marine Engineers,
1987-1990
South Carolina State Museum, Charles H. Townes Science Center, Columbia, S.C., 1984-1986
Southern California Space Business Roundtable, South Pasadena, Calif. [See Container 326, World Space Foundation](#)

Consulting and Professional File, 1952-1997, n.d.

Container

Contents

- Soviet Year in Space: 1987, 1987*
Space 90: Engineering, Construction, and Operations in Space Conference, Albuquerque, N.Mex., 1989-1990
Space flight stamp series, China, 1986
Space Systems Productivity and Manufacturing Conference, El Segundo, Calif., 1988
Spacehab, Inc., Seattle, Wash., 1987
Spaceweek
 July 1989-Mar. 1993 *See also Oversize*
 (2 folders)
BOX 318 July 1993-May 1995, n.d. *See also Oversize*
 (3 folders)
Stern, Martin O., "Advanced Propulsion for Leo-Moon Transport," 1988
Super Conducting Technologies, Inc., proposal, 1987
Symmetrix Corp., Ipswich, Mass., 1986
System Development Corp., Santa Monica, Calif., 1984
System Development Foundation, Palo Alto, Calif., 1984
Taxon, Inc., Los Angeles, Calif., 1984
Tenon Intersystems, Inc., Santa Barbara, Calif., 1992
Terra-Mar Associates, Mountain View, Calif., 1984, n.d.
Thinkworks, Inc., Santa Barbara, Calif., 1993-1994
Thomas Paine Associates, Santa Monica, Calif., 1990
Town Hall of California, Los Angeles, Calif., 1986-1988
BOX 319 Travel
 4 Mar. 1986-10 Dec. 1990
 (10 folders)
BOX 320 8 Feb. 1991-5 Nov. 1994
 (10 folders)
BOX 321 12 Nov. 1994-23 Mar. 1995
 (2 folders)
Union of International Technical Associations, 1984-1985
Unisys Corp., Government Systems Group, McLean, Va., 1993
Universities Space Research Association, 1986-1987
University of California, Los Angeles, Calif.
 Earth and Space Sciences Advisory Council, 1990-1992
 Sea Grant Institutional Program, 1990
University of California, San Diego, Calif., California Space Institute, 1984-1987
University of California, Santa Barbara, Calif.
 Center for Robotic Systems in Microelectronics, 1984-1985, n.d.
 Chancellor's Council, 1984-1990, n.d.
BOX 322 College of Engineering, 1984-1991
 (2 folders)
 Institute for Human Systems
 1984-1986
 (5 folders)
BOX 323 Undated
 Institute of Environmental Stress, 1984-1985
 Map and Imagery Laboratory, 1989

Consulting and Professional File, 1952-1997, n.d.

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Contents

- Marine Science Institute, 1983-1985
USCB Foundation
Mar. 1984-Dec. 1989
(7 folders)
- BOX 324** Jan. 1990-May 1991
(8 folders)
- BOX 325** Aug. 1991-Apr. 1994
(8 folders)
- BOX 326** University of Colorado, Center for Applied Artificial Intelligence, Boulder, Colo., 1985-1987
(2 folders)
University of Missouri, Rolla, Mo., 1984-1990
(2 folders)
University of Southern California, Los Angeles, Calif.
Associates, 1985-1986, n.d.
Institute for Marine and Coastal Studies, 1984-1987
(2 folders)
University of Tennessee Space Institute, Tullahoma, Tenn., 1986
Vehicle Research Corp., South Pasadena, Calif., 1986-1989
(3 folders)
Vick, Charles P., "The Soviet G-1-e Manned Lunar Landing Programme Booster," 1985
Voxell Co., Laguna Hills, Calif., 1989
World Future Society, Washington, D.C., 1984
World Space Foundation, South Pasadena, Calif., 1990-1991
Writings, "The Huntsville Experience," n.d.
- BOX 327** Xenologic, Inc., Berkeley, Calif., 1986
Young Astronaut Council, Washington, D.C., n.d.
Yuzhnoye Design Office, Dniepropetrovsk, Ukraine, 1997
Zaman, Sikandar, "Building International Cooperation Through ISY," ca. 1992
- BOX OV 1-OV 2** **Oversize, 1893-1993, n.d.**
Brochures, building plans, correspondence, maps, marriage certificate, newspaper articles,
organization charts, photographs, posters, presentation charts, and schematic drawings.
Arranged according to the series, containers, and folders from which the items were removed.
- BOX OV 1** Family Papers
Correspondence
Mueller, Maude Elizabeth (wife), 1940 ([Container 3](#))
Subject File
Mueller, Edwin and Ella (parents)
National Electrical Contractors Association, 1946 ([Container 13](#))
Residences
6 Villa Wood Lane, Webster Groves, Mo., 1941 ([Container 13](#))
2933 Moniteau Drive, St. Louis, Mo., n.d. ([Container 13](#))
St. Louis, Mo., bicentennial, 1964 ([Container 13](#))
Mueller, George and Margaretha (grandparents), 1893 ([Container 14](#))
Normandy High School, St. Louis, Mo., 1940 ([Container 15](#))
Residences

2440 Delbert Road, Columbus, Ohio, 1946 ([Container 15](#))
3690 West Granville Road, Worthington, Ohio, 1951 ([Container 15](#))
Ohio State University, Columbus, Ohio
Audio equipment, 1942 ([Container 20](#))
Doppler radar, 1956 ([Container 23](#))
Space Technology Laboratories, Redondo Beach, Calif.
Subject File
Marlo Towers, New York, N.Y., n.d. ([Container 35](#))
National Aeronautics and Space Administration, Washington, D.C.
Correspondence
"S" miscellaneous, 1969 ([Container 43](#))
Subject File
Apollo Program

Apollo 8, 1968 ([Container 53](#))
Apollo 204, 1967 ([Container 60](#))
Meeting notes and transcriptions

Seamans, Robert C., 1964 ([Container 80](#))
Multicon, Columbus, Ohio, 1968 ([Container 80](#))
Office of Manned Space Flight

Organization and management, 1963-1969, n.d. ([Containers 84-85](#))
(3 folders)
Program planning, 1967 ([Container 85](#))
Organization and management, 1967-1969, n.d. ([Container 86](#))
Personnel

Applicant binders
No. 1, n.d. ([Container 86](#))
Project Gemini, 1965 ([Container 89](#))
Saturn Program, 1967 ([Container 91](#))
Social engagements, 1968 ([Container 96](#))
University of Missouri, Rolla, Mo., 1966 ([Container 108](#))
System Development Corp., Santa Monica, Calif.
Subject File
National Aeronautics and Space Administration, Washington, D.C.

Apollo Program
Apollo Soyuz Test Project, 1975 ([Container 193](#))
Skylab Program
General, ca. 1971 ([Container 200](#))
Photographs, n.d. ([Container 221](#))
Space and Range Division, 1971 ([Container 225](#))
Travel, 1982 ([Container 235](#))
Valley Ventures Club, Los Angeles, Calif., 1967 ([Container 241](#))
White House News Photographers Association, 1972 ([Container 241](#))

BOX OV 2

International Academy of Astronautics

Subject File

Symposium on Space Commercialization: Roles of Developing Countries, Taipei, China, 1987 ([Container 268](#))

Consulting and Professional File

Subject File

International Astronautical Federation

Cankarjev dom Kulturni in Kongresni Center, Ljubljana, Yugoslavia, n.d. ([Container 288](#))

National Academy of Engineering, Washington, D.C., 1985 ([Container 294](#))

Santa Barbara County, Calif.

Oak Creek Canyon Ranch, 1988 ([Container 312](#))

Spaceweek, 1991-1993 ([Containers 317-318](#))

BOX CL 1

Classified, 1942-1979, n.d.

Blueprint, correspondence, graphs, memoranda, notes, reports, telegrams, and writings.

Arranged according to the series, containers, and folders from which the items were removed.

BOX CL 1

Bell Telephone Laboratories, New York, N.Y.

Intermediate frequency transformers, 1942 ([Container 18](#))

Writings

"Propagation of Six Millimeter Waves," 1944-1945 ([Container 19](#))

Ohio State University, Columbus, Ohio

Advanced guidance program, 1957 ([Container 19](#))

Communication satellites, n.d. ([Container 23](#))

Dovap system, 1956 ([Container 23](#))

High frequency rate system, 1956, n.d. ([Container 24](#))

Improved tracker, n.d. ([Container 24](#))

Noise measurement, 1945 ([Container 25](#))

National Aeronautics and Space Administration, Washington, D.C.

Correspondence

"Ch-CI" miscellaneous, 1964 ([Container 40](#))

Subject File

Travel, 1966 ([Container 102](#))

System Development Corp., Santa Monica, Calif.

Subject File

National Research Council, Washington, D.C., 1979 ([Container 211](#))