



Smithsonian

National Air and Space Museum

Richard Porter Papers

Mark Kahn

2005



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Collection Overview

Repository:	National Air and Space Museum Archives
Title:	Richard Porter Papers
Date:	circa 1930s-1980
Identifier:	NASM.1997.0037
Creator:	Porter, Richard W. (Richard William), 1913-1996
Extent:	6.54 Cubic feet (6 records center boxes)
Language:	English .
Summary:	This collection consists of six feet of material documenting Porter's many scientific contributions. The following types of material are included: photographs, lecture notes, correspondence, trip notes, newspaper clippings, symposium programs, papers, and periodicals, circa 1930s-1980s.

Administrative Information

Acquisition Information

Susan Porter Beffel and Thomas Andrew Porter, Gift, 1997, 1997-0037, NASM

Processing Information

Processed by Mark Kahn, 2005.

Encoded by Rena Schergen, February 2012.

Restrictions

No restrictions on access

Biographical Note

As an established authority on rockets, GE placed Porter in overall charge of the company's guided missiles department in 1953. By the mid-1950s, his great knowledge in this field also led to a position as head of a panel of scientists tasked with developing a U.S. space program in time for the International Geophysical Year (IGY) of 1957-58. On February 1, 1958, Porter was given the honor of announcing to reporters that the U.S. had launched its first satellite, Explorer 1, the previous night. The booster employed for this endeavor, an Army Jupiter-C, was designed and built mainly by the German rocket scientists (including their leader, Wernher von Braun) Porter helped to bring to America thirteen years earlier. By this time, GE assigned him as a company-wide consultant. Besides serving as leader of the U.S. IGY effort, he also served on many other boards and panels such as the International Relations Committee of the Space Sciences Board, U.S. National Academy of Science, the U.S. Academy in the Committee on Space Research (COSPAR), U.S. Air Force Scientific Advisory Board (SAB) and the U.S. delegation for the U.N. Committee on the Peaceful Uses of Outer Space. During his long career in engineering and aerospace

development, Porter was also the recipient of numerous honors and awards. These included the Coffin Award, Goddard Award and the Scientific Achievement Award given by Yale University.

Aside from his career, Porter had a busy personal life. In 1946, he married Edith Wharton Kelly. The couple had two daughters and a son. Porter enjoyed horticulture -- especially growing orchids, as well as skiing and playing the clarinet. He died on October 6, 1996 at the age of 83.

Scope and Content

The Richard Porter Collection reflects Porter's career as an electrical engineer, rocketry expert, and a corporate manager and consultant. Almost the entirety of this collection consists of materials related to his professional work. This includes correspondence, memoranda, meeting minutes, reports, notes, speeches, photographs, brochures, pamphlets, programs, magazines, newsletters, papers, articles, newspaper clippings, miscellaneous materials (directories, mailing lists, transcript, etc.), as well as a scrapbook. It is worth singling out a few of the aforementioned materials for their particular historical significance pertaining to the development of rocketry and space exploration. Some of the correspondence, memoranda and notes reveal the inner workings of Operation Paperclip: the U.S. plan to seek out, debrief, recruit and evacuate German rocket scientists from war-torn Germany to America. Additionally, other examples of correspondence and notes give candid appraisals of some key figures in the aerospace field, as well as to illustrate exchanges between Porter and such scientific luminaries as Carl Sagan, Wernher von Braun, Simon Ramo, Holger Toftoy, Fred Durant III, Edith Goddard and Clyde Tombaugh.

The Porter Collection is arranged both chronologically and alphabetically. Correspondence, memoranda, meeting minutes, notes, notebooks, speeches, photographs, brochures, pamphlets, programs, magazines, journals, articles, newspaper clippings and miscellaneous materials are organized by the former method. Reports are arranged alphabetically by organizational name while newsletters and papers are grouped alphabetically by title and then chronologically.

The reader should note that the Porter Collection was exposed to a fire in Porter's office sometime during the late 1970s. The fire, along with the subsequent dousing of water from the firefighters, destroyed much of this collection. All that remained are the materials described here. While the surviving materials generally suffered only minor damage (mainly to their original folders), scorch marks can be occasionally observed on some correspondence, speeches, reports, etc.. More serious problems exist with seven folders containing photographs. For conservation purposes, they have been separated from the rest of the photographs in this collection and are currently unavailable to researchers.

Arrangement

The Porter Collection is arranged both chronologically and alphabetically. Correspondence, memoranda, meeting minutes, notes, notebooks, speeches, photographs, brochures, pamphlets, programs, magazines, journals, articles, newspaper clippings and miscellaneous materials are organized by the former method. Reports are arranged alphabetically by organizational name while newsletters and papers are grouped alphabetically by title.

General

Dr. Porter had a fire that destroyed most of his papers. These six boxes are all that remain.

Names and Subject Terms

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

Subjects:

- Astronautics
- Astronautics and state
- Launch complexes (Astronautics) -- White Sands Proving Ground, New Mexico
- Periodicals
- Rocketry
- Rockets (Aeronautics)
- V-2 rocket

Types of Materials:

- Clippings
- Correspondence
- Notes
- Photographs
- Programs
- Publications

Names:

- General Electric Company
- General Electric Company. Guided Missiles Department
- International Council of Scientific Unions. Committee on Space Research. United States Academy
- National Academy of Sciences (U.S.)
- National Academy of Sciences (U.S.). Space Sciences Board. International Relations Committee
- Porter, Richard W. (Richard William), 1913-1996
- Project Hermes
- United Nations. Committee on the Peaceful Uses of Outer Space
- United States. National Committee for the International Geophysical Year
- United States. National Committee for the International Geophysical Year. Earth Satellite Program.
- Technical Panel
- Von Braun, Wernher, 1912-1977

Container Listing

Series 1: Correspondence

Box 1, Folder 1	Correspondence, 1939-1945
Box 1, Folder 2	Correspondence, War Department credentials for Porter to travel to European Theater of Operations, 1945
Box 1, Folder 3	Correspondence, 1945-1946
Box 1, Folder 4	Correspondence, 1947
Box 1, Folder 5	Correspondence and program, Yale University, 1947
Box 1, Folder 6	Correspondence, 1948
Box 1, Folder 7	Correspondence, 1949
Box 1, Folder 8	Correspondence, 1950
Box 1, Folder 9	Correspondence, 1951-1952
Box 1, Folder 10	Correspondence, 1951-1959
Box 1, Folder 11	Correspondence, Yale University, Engineering Committee, 1952
Box 2, Folder 1	Correspondence and memoranda, American Rocket Society (ARS), 1952-1953
Box 2, Folder 2	Correspondence, 1953-1954
Box 2, Folder 3	Correspondence, 1953-1955
Box 2, Folder 4	Correspondence and memoranda, American Rocket Society (ARS), 1953-1954
Box 2, Folder 5	Correspondence and memoranda, American Rocket Society (ARS), 1954
Box 2, Folder 6	Correspondence and memoranda, American Rocket Society (ARS), 1954
Box 2, Folder 7	Correspondence and memoranda, American Rocket Society (ARS), 1954
Box 3, Folder 1	Correspondence and memoranda, American Rocket Society (ARS), 1954
Box 3, Folder 2	Correspondence and reports, Porter's European trip of February 1956, 1955-1957

Box 3, Folder 3	Correspondence, Porter's European trip of February 1956, 1956-1958
Box 3, Folder 4	Correspondence, certificate and newsletter, Porter and his speech to the Institute of Electrical and Electronics Engineers (IEEE), 1963-1964
Box 3, Folder 5	Correspondence, Wernher von Braun, 1969
Box 3, Folder 7	Correspondence and memoranda, Committee on Space Research (COSPAR), 1975-1976
Box 3, Folder 8	Correspondence and receipts, Porter and his consulting fees and services, 1976
Box 3, Folder 9	Correspondence, meeting minutes and panel reports, General Electric Space Division, Division Technology Council, 1976 June
Box 3, Folder 10	Correspondence, meeting minutes and panel reports, General Electric Space Division, Division Technology Council, 1976 August-December
Box 3, Folder 11	Correspondence, meeting minutes and panel reports, General Electric Space Division, Division Technology Council, 1976 August-December
Box 4, Folder 1	Correspondence, memoranda and receipts, Porter's consulting work with General Electric Company, Aerospace Group TEMPO, Center for Advanced Studies, 1976-1977
Box 4, Folder 2	Correspondence, memoranda and receipts, Porter's consulting work with General Electric Company, Aerospace Group TEMPO, Center for Advanced Studies, 1976-1977
Box 4, Folder 3	Correspondence, notes and memoranda, Advanced Development Council - Futures Committee, 1976
Box 4, Folder 4	Correspondence, notes, receipts and invoices, Porter's consulting work with MBB, 1976
Box 4, Folder 5	Correspondence, Porter's book, The Versatile Satellite, 1976-1977
Box 4, Folder 6	Correspondence, Starting with the letter B, 1976-1977
Box 4, Folder 7	Correspondence, Starting with letters C through G, 1976-1977
Box 4, Folder 8	Correspondence, Starting with letters H through L, 1976-1977
Box 4, Folder 9	Correspondence, Starting with letters M through P, 1976-1978
Box 3, Folder 6	Correspondence, Starting with the letters Q through T, 1975-1977
Box 4, Folder 10	Correspondence, Starting with letters U through W, 1976-1977

Box 4, Folder 11	Correspondence, Starting with letters X through Z, 1976-1977
Box 4, Folder 12	Correspondence and memoranda, Committee on Space Research (COSPAR), 1977
Box 4, Folder 13	Correspondence, General Electric Company's Electronic Laboratory, 1977
Box 4, Folder 14	Correspondence, meeting minutes and panel reports, General Electric Space Division, Division Technology Council, 1977
Box 5, Folder 1	Correspondence, Science Systems and Applications, Inc, 1977
Box 5, Folder 2	Correspondence and notes, U.S. Air Force - Scientific Advisory Board (SAB), 1978
Box 5, Folder 3	Correspondence and receipts, MBB Raumfahrt, 1978
Box 5, Folder 4	Correspondence and statement of work, Porter as consultant for Electron Systems and Technology Corporation, 1978
Box 5, Folder 5	Correspondence, memoranda, notes and receipts, Post Landsat D Advanced Concept Evaluation (PLACE), 1978
Box 5, Folder 6	Correspondence, Miscellaneous, 1978
Box 5, Folder 7	Correspondence, receipts and memoranda, General Electric Company, Aerospace Group TEMPO, Center for Advanced Studies, 1979-1981
Box 5, Folder 8	Correspondence, receipts and memoranda, General Electric Company, Space Division Technology Council, 1978-1980
Box 5, Folder 12	Correspondence, L.R. Cohen to Porter, 1981
Box 5, Folder 9	Correspondence, reports, note and brochure, Porter as consultant for ITT Research Institute and technical audit of Teledyne McCormick Selph, 1978
Box 5, Folder 10	Correspondence, Security clearance issues with the Defense Logistics Agency, 1978
Box 5, Folder 11	Correspondence, memoranda, notes and reports, Tank Breaker antitank missile system, 1979-1980
Box 5, Folder 13	Correspondence, Morris to Dr. Strong, 1984
Box 5, Folder 14	Correspondence, Miscellaneous, 1993-1996

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Series 2: Memoranda

Box 5, Folder 15	Memoranda, correspondence and travel orders, Porter's fact-finding mission for U.S. War Department to Germany [includes recommendations to evacuate German technical personnel and families from Nordhausen facility to U.S. zone in Germany or the U.S. itself], 1945 March-July
Box 5, Folder 16	Memoranda, notes, correspondence, travel orders and receipts, Porter's Fact-finding mission for U.S. War Department to Germany [includes Lists of German rocket scientists and their families to be relocated], 1945 March-July
Box 6, Folder 1	Memoranda and travel orders, Porter to aircraft carrier U.S.S. Midway for U.S. Navy project SANDY (test launch of V-2 rocket), 1947 August
Box 6, Folder 2	Memoranda, meeting minutes and agenda, Committee on Space Research (COSPAR), 1977-1980
Box 6, Folder 3	Memoranda and reports, development of Magnetic Bubble Memory Program By General Electric Company, 1978
Box 6, Folder 4	Memoranda and reports, U.S. Air Force - Scientific Advisory Board (SAB), 1978
Box 6, Folder 5	Memoranda, reports, correspondence and notes, General Electric Company - Aerospace Group TEMPO and the Small Caliber Gun-Launched Maneuvering Projectile (CLGP) program, 1978
Box 6, Folder 6	Memoranda, meeting minutes and notes, General Electric Company - Space Division Technology Council, 1979-1980

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Series 3: Meeting Minutes

Box 6, Folder 7	Meeting minutes and appendices, Engineering Council, information gathered from Germany, September 17, 1945
Box 6, Folder 8	Meeting minutes, correspondence and report by Richard Porter, General Electric's Hermes project and the V-2 rocket program, September-October, 1945

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Series 4: Reports

Box 6, Folder 9	American Rocket Society (ARS), 1960
Box 7, Folder 1	American Rocket Society (ARS), 1960
Box 7, Folder 2	American Rocket Society (ARS), 1960
Box 7, Folder 3	American Rocket Society (ARS), 1960
Box 7, Folder 4	Report of the Eighteenth COSPAR Meeting, Committee on Space Research (COSPAR), Varna, Bulgaria, 1975 May 29-June 7
Box 7, Folder 5	XXth COSPAR Meeting and Associated Symposia, Committee on Space Research (COSPAR), Tel Aviv, Israel, 1977 June 7-18
Box 7, Folder 6	Twenty-First Plenary Meeting and Associated Activities, Committee on Space Research (COSPAR), Innsbruck, Austria, 1978 May 29-June 10
Box 7, Folder 7	A Brief Introduction to Probability with Some Applications to the Study Of Accuracy, L.B. Harris, technical information series, No. DF 53A0577, General Electric Company, 1953 April 24
Box 7, Folder 8	Emerging Technologies - Presented at 1970 Advanced Development Council Symposium, G.C. Dodson Jr., technical information series, no. 71SD213, General Electric Company, 1971 January 15
Box 7, Folder 9	Annual Report of the Emerging Technologies Panel of the ADC, G.C. Dodson Jr., technical information series, no. 71SD211, General Electric Company, 1971 February 5
Box 7, Folder 10	Emerging Technologies Panel Annual Report - 1972, G.C. Dodson Jr., technical information series, no. 72 SD 264 General Electric Company, 1972 December 31
Box 7, Folder 11	Annual Report - 1973, Emerging Technologies Panel, G.C. Dodson Jr., technical information series, no. 73 SD 237, General Electric Company, 1973 June 20
Box 8, Folder 1	1974 Annual Report - Technical Area Assessment for Emerging Technologies, A.N. Wright, technical information series, no. 74GEN026, General Electric Company, 1974 December
Box 8, Folder 2	1975 Annual Report - Technical Area Assessment for Emerging Technologies, A.N. Wright, technical information series, no. 75GEN014, General Electric Company, 1975 December
Box 8, Folder 3	Task Force, Phase-I Report, General Electric Company, Division Task Force on Software Engineering and Management, 1976

Box 8, Folder 4	1976 Annual Report - Technical Area Assessment for Emerging Technologies, A.N. Wright, technical information series, no. 76GEN013, General Electric Company, 1977 January
Box 8, Folder 5	Post Landsat D Advanced Concept Evaluation (PLACE), midterm briefing, General Electric Company, 1977 December 1
Box 8, Folder 6	Superconducting Microwave Power Sources for Radar, no. GE78TMP-39, General Electric Company-TEMPO, 1978 February
Box 8, Folder 7	1977 Annual Report - Technical Area Assessment for Emerging Technologies, A.N. Wright, technical information series, no. 78GEN003, General Electric Company, 1978 April
Box 8, Folder 8	Post Landsat D Advanced Concept Evaluation (PLACE), final briefing, General Electric Company, 1978 May 18
Box 8, Folder 9	Post Landsat D Advanced Concept Evaluation Final Report, document No. 78SD54238, General Electric Company, 1978 August 18
Box 9, Folder 1	Emerging Technology, Group TEMPO, General Electric Company, 1978-1980
Box 9, Folder 3	Device Applications of Cryogenics - Part I - Superconducting Electronics, contract no. NOOO14-70-C-0133, R.A.I., Inc., 1971 July
Box 9, Folder 4	Device Applications of Cryogenics - Part I - Superconducting Electronics, contract no. NOOO14-70-C-0133, R.A.I., Inc., 1971 July
Box 9, Folder 5	Report of the USAF Scientific Advisory Board Ad Hoc Committee on Advanced Composites Technology, Scientific Advisory Board, U.S. Air Force, 1976 September
Box 9, Folder 6	Report of the USAF Scientific Advisory Board Ad Hoc Committee on Aeronomy, Scientific Advisory Board, U.S. Air Force, 1977 May
Box 9, Folder 7	Systems Engineering AviaonicsFacility (SEAFAC) - Status Report, U.S. Air Force, SEAFAC, 1977 December
Box 9, Folder 8	USAF Summary, U.S. Air Force, 1978 February
Box 9, Folder 9	Report of the Ad Hoc Advisory Group on Special Capabilities, Office of the Assistant Secretary of Defense, Department of Defense, RD 263/9, 1955 August
Box 9, Folder 10	A Comparison of the United States and Soviet Space Programs, Porter and Sheldon, 1965 June
Box 10, Folder 1	Magnetic Resonance Gyroscope - A Brief Description and Status Report, The Singer Company, Kearfott Division, 1976 September 8

Box 10, Folder 2

Report of European Trip, [Porter's fact-finding tour of guided missile development in Europe, 1954 November

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Series 5: Notes and Notebooks

Box 10, Folder 3	Porter's, Yale University, Engineering Principles, E.E. 103, 1934-1935
Box 10, Folder 4	Porter's, Yale University, Physics 100, Leigh Page, lecturer, 1935-1936
Box 10, Folder 5	Compiled by Harold Luskin from lectures given by F.H. Clauser, Douglas Aircraft Company, April 8, 1944
Box 11, Folder 1	Porter and his fact-finding mission to Germany [Operation Paperclip], 1945
Box 11, Folder 2	Porter and his fact-finding mission to Germany [Operation Paperclip], 1945
Box 11, Folder 3	Porter's, 1974-1978
Box 11, Folder 4	Written by Porter on a variety of scientific matters, 1977-1978

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Series 6: Speeches

Box 11, Folder 5	The Rocket - Weapon and Commercial Carrier, Richard Porter, presented to the Yale Chapter of Sigma Xi in New Haven, CT, 1946 November 13
Box 11, Folder 6	Organization for Tomorrow's Leadership, Harold F. Smiddy, Presented to The Elfun Society, Schenectady, New York, 1951 November 8
Box 11, Folder 7	The Future and Potentialities of Rocket Propulsion, C.W. Chillson, presented at the installation meeting of the northeastern New York section of the American Rocket Society (ARS), Schenectady, New York, 1952 May 13
Box 11, Folder 8	Science and the Future, Richard Porter, University of Kansas, 1955 October 29
Box 11, Folder 9	Principles and Criteria, Richard Porter, University of Kansas, 1956 January 23
Box 11, Folder 10	The Earth Satellite Program of the U.S.A., Richard Porter, 1956 February
Box 11, Folder 11	Recovery of Data in Physical Form, Richard Porter, Franklin Institute Symposium, Philadelphia, PA, 1956 April 18
Box 11, Folder 12	The Earth Satellite Program and its Implications, Richard Porter, Princeton section, American Rocket Society (ARS), 1956 June 2
Box 11, Folder 13	Work on an Individual Contributor in the Engineering Function Compared With that of a manager, 1956 November 26
Box 11, Folder 14	Comments on a Continuing Program of Scientific Research Using Earth Satellite Vehicles, Richard Porter, 1957 January 7
Box 11, Folder 15	Current Status of the U.S. Earth Satellite Program for the International Geophysical Year, Richard Porter, Institute of the Aeronautical Sciences, 1957 January 28-31
Box 11, Folder 16	The First Great Discovery, Richard Porter, New York City Explorers Club, 1957 March 15
Box 11, Folder 17	Electrical Hazards in the Home, Richard Porter, Westchester Country Club, 1957 September 9-10
Box 11, Folder 18	Rocket and Satellite Programs, Richard Porter, Earth, Air and Space Symposium, Hayden Planetarium, New York, New York, 1957 September 12
Box 12, Folder 1	Summary Report on United States Satellite Program for the International Geophysical Year, Rocket and Satellite Conference, Washington, D.C., 1957 September 30
Box 12, Folder 2	Sputnik versus Private Enterprise, Richard Porter, 1957 October 18

Box 12, Folder 3	Import of the Value-Added Concept, Richard Porter, Research Laboratory Auditorium, Schenectady, New York, 1957 November 12-13
Box 12, Folder 4	Scientific Aspects of the I.G.Y. Satellite Program, Richard Porter, Rockefeller Institute, 1957 November 19
Box 12, Folder 5	Man Looks at a Small Porter, Richard Porter, National Association of Manufacturers, 1957 December 4
Box 12, Folder 6	What Does the Future Hold?, Richard Porter, Space Technology Panel Discussion, 1958 April 29
Box 12, Folder 7	Your Heritage, Richard Porter, Graduating Class of 1958, Salina High School, Salina, Kansas, 1958 May 30
Box 12, Folder 8	The Space Age, Richard Porter, Commerce and Industry Association, University Club, New York, New York, 1958 September 24
Box 12, Folder 9	Science and Industry, Richard Porter, 1958 December 4
Box 12, Folder 10	Rockets and Satellites in the IGY, Richard Porter, U.S. National Committee for IGY, 1958 December 17
Box 12, Folder 11	Introductory Remarks for Argus-Symposium, Richard Porter, U.S. National Committee for the IGY, 1959 April 29
Box 12, Folder 12	Weather Modification and Space Exploration, Richard Porter, National Rivers and Harbors Congress, Washington, D.C., 1959 May 15
Box 12, Folder 13	The Use of Rockets and Satellites as Tools for Aero-Space Research During the International Geophysical Year, American Rocket Society Meeting, Cincinnati, Ohio, 1960 April 12-13
Box 12, Folder 14	Adventures in Energy Conversion, Richard Porter, AIEE, Atlantic City, New Jersey, 1960 June 23
Box 12, Folder 15	America's Place in Space Exploration, Richard Porter, Southern Company System Combined, Point Clear, Alabama, 1963 October 10
Box 12, Folder 16	Industry and the Engineer in a Changing World, Richard Porter, Syracuse General Electric Engineers Association, 1963 November 21
Box 12, Folder 17	The U.S. Manned Space Program, Richard Porter, Institute of Electrical and Electronics Engineers (IEEE), 1964 April 7
Box 12, Folder 18	Man and His Future Environment - An Introduction, Richard Porter, New York Medical College Colloquium, 1964 November 6

Box 13, Folder 1	Science in and for Space, Richard Porter, St. Louis Bicentennial Space Symposium, 1965 May 27
Box 13, Folder 2	A Realistic Look at International Cooperation in Space, Richard Porter, Daytona Metropolitan Section of the American Institute of Aeronautics and Astronautics (AIAA), 1965 September 27
Box 13, Folder 3	Our Neighbors in Space, Richard Porter, Research and Development Symposium, General Electric, Schenectady, New York, 1966 March 15
Box 13, Folder 4	Our Neighbors in Space, Richard Porter, 1966 December 13
Box 13, Folder 5	The Big View, Richard Porter, International Joint Conference of the American Geographical Society, New York, New York, 1970
Box 13, Folder 6	A Challenge to Education, undated

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Series 7: Photographs

Box 13, Folder 7	Richard Porter, 1945
Box 13, Folder 8	V-2 rocket motors and test firings, U.S. Army Signal Corps, Near Lehesten, Germany, 1945 June 22
Box 13, Folder 9	Richard Porter and other rocketry experts, 1946
Box 13, Folder 10	Miscellaneous, 1955-1958
Box 13, Folder 11	Richard Porter at the time of the launch of the first Explorer Satellites, 1958
Box 13, Folder 12	Album, Richard Porter in Buenos Aires, Argentina, for an Aerospace symposium, 1960 November 28-December 3
Box 13, Folder 13	Lunar Orbiter and Surveyor spacecraft photographs of the moon, 1966-1967
Box 14, Folder 1	Ranger 7 and Surveyor 1 spacecraft photographs on the moon, 1966-1967
Box 14, Folder 2	Miscellaneous and some featuring Richard Porter, undated
Box 14, Folder 3	Miscellaneous and some featuring Richard Porter, undated
Box 14, Folder 4	Richard Porter, undated

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Series 8: Brochures, Pamphlets and Programs

Box 14, Folder 5	Developing Management Leadership for a Free Society, American Management Association, no. 159, 1952
Box 14, Folder 6	Problems of Management in a Large Decentralized Organization, American Management Association, no. 159, 1952
Box 14, Folder 7	Program and notes, Management Conferences, 1952 September 29-October 9
Box 14, Folder 8	Solid-State Video Camera, General Electric Company, Optoelectronic Systems Operation, 1975 November 1
Box 14, Folder 9	Oxford Books, Oxford University Press, autumn, 1976
Box 14, Folder 10	1981 50th Anniversary Honors Night Banquet, American Institute of Aeronautics and Astronautics (AIAA), 1981 May 14
Box 14, Folder 11	A Pioneer Rocket, The Daniel and Florence Guggenheim Foundation, undated
Box 14, Folder 12	American Rocket Society (ARS), 7th Annual Honors Night Dinner, New York, New York, undated

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Series 9: Magazines and Journals

Box 14, Folder 13	The Yale Scientific Magazine, vol. 21, no. 4, 1947 January
Box 14, Folder 14	Graduate Magazine, University of Kansas, vol. 47, no. 4, 1947 December
Box 14, Folder 15	The Bridge of Eta Kappa Nu, Eta Kappa Nu Association, vol. 44, no. 2, 1948 January
Box 14, Folder 16	General Electric Review, General Electric, vol. 57, no. 2, 1954 March
Box 14, Folder 17	Weltraumfahrt, vol. 4, 1955 December
Box 14, Folder 18	Weltraumfahrt, vol. 1, 1956 March
Box 14, Folder 19	Weltraumfahrt, vol. 2, 1956 May
Box 14, Folder 20	Astronautics, vol. 2, no. 5, 1957 December
Box 14, Folder 21	Foreign Affairs, vol 36, no. 2, 1958 January
Box 15, Folder 1	Challenge, General Electric Company, vol. 4, no. 1, Spring, 1965
Box 15, Folder 2	COSPAR Information Bulletin, no. 78, 1977 April

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Series 10: Newsletters

Box 15, Folder 3	Aerospace and Defense Market Topics, General Electric Company, 1978 March-April
Box 15, Folder 4	Aerospace Daily, 1980 April
Box 15, Folder 5	Aerospace Daily, 1980 May
Box 15, Folder 6	Aerospace Daily, 1980 June
Box 15, Folder 7	Aerospace Daily, 1980 July
Box 15, Folder 8	Aerospace Daily, 1980 August
Box 15, Folder 9	Aerospace Daily, 1980 September
Box 16, Folder 1	Aerospace Daily, 1980 October
Box 16, Folder 2	Aerospace Daily, 1980 November
Box 16, Folder 3	Aerospace Daily, 1980 December
Box 16, Folder 4	Air Force Policy Letter for Commanders, U.S. Air Force, 1978 January-May
Box 16, Folder 5	Global Atmospheric Research Program (GARP), 1977
Box 16, Folder 6	Post-Corporate Research and Development, 1978 February-March
Box 16, Folder 7	Valley Forge Dateline, General Electric Company, vol. 6, 9, 10 and 11, 1978 April
Box 16, Folder 8	Miscellaneous, 1978

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Series 11: Papers

Box 16, Folder 9	Analytical Expressions for Atmospheric Effects on High Altitude Photography of Desert Scenes, J. Otterman, Tel-Aviv University, Department of Geophysics and Planetary Sciences, report no. GPS-105 [includes correspondence], 1977 April
Box 16, Folder 10	Combustion Studies with a Rocket Motor Having a Full Length Observation Window, Kurt Berman and Stanley E. Logan, 1951 September
Box 16, Folder 11	Engineering and Applications of the Satellite Vehicle, R.P. Haviland, presented to the first annual symposium on space travel, Hayden Planetarium, New York, New York, 1951 October 12
Box 16, Folder 12	The Kitt Peak CID Systems, R.S. Aikens, J.W. Harvey and C.R. Lyons, circa 1976
Box 16, Folder 13	The Use of Rockets in Upper Atmospheric Research, James A. Van Allen, presented to the International Union of Geodesy and Geophysics, Association of Terrestrial Magnetism, Oslo Assembly, undated
Box 16, Folder 14	Book, AIAA at 50, American Institute of Aeronautics and Astronautics (AIAA), 1981
Box 16, Folder 15	Book, First Photographs Taken of the Far Side of the Moon [in Russian], 1959

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Series 12: Articles

Box 16, Folder 16	"High Altitude Research with V-2 Rockets", Ernst H. Krause, Proceedings of the American Philosophical Society, vol. 91, no. 5, 1947 December
Box 16, Folder 17	"Missile Off - On Money!", General Electric Review, 1954
Box 17, Folder 1	"Recovery of Data in Physical Form", Richard Porter, monograph no. 2, Franklin Institute of Pennsylvania, 1956 June
Box 17, Folder 2	Article and photographs, regarding electric energy, 1960
Box 17, Folder 3	"The Thermal Simulation of Space", Richard Porter and M.W. Mitchell, Le Vide, no. 115, 1965 January-February
Box 17, Folder 4	"Charge Injection Imaging: Operating Techniques and Performances Characteristics", H.K. Burke and G.J. Michon, IEEE Journal of Solid-State Circuits, vol. SC-11, no. 1 (reprint 7858 By General Electric Company), 1976 February
Box 17, Folder 5	Articles and papers, written and/or presented by Sheldon B. Akers, 1978

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Series 13: Newspaper Clippings

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Box 17, Folder 9	Newspaper clippings, rocketry and space exploration-related, 1957-1957
Box 17, Folder 10	Newspaper clippings, 1957 October
Box 18, Folder 1	Newspaper clippings, 1957 October
Box 18, Folder 2	Newspaper clippings, 1957 October
Box 18, Folder 3	Newspaper clippings, 1957 November
Box 18, Folder 4	Newspaper clippings, 1957 November
Box 18, Folder 5	Newspaper clippings, 1957 December
Box 19, Folder 1	Newspaper clippings, 1957 December
Box 19, Folder 2	Newspaper clippings, 1958 January
Box 19, Folder 3	Newspaper clippings, 1958 February
Box 19, Folder 4	Newspaper clippings, 1958 March
Box 19, Folder 5	Newspaper clippings, 1958 April
Box 20, Folder 1	Newspaper clippings, 1958 May
Box 20, Folder 2	Newspaper clippings, 1958 June
Box 20, Folder 3	Newspaper clippings, 1976 January

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Series 14: Miscellaneous Materials

Box 20, Folder 4	Identification papers, Richard Porter, General Electric Company, 1942
Box 20, Folder 5	Certificates, Porter, 1944-1957
Box 20, Folder 6	Badge, Porter, West Point Sesquicentennial, 1952
Box 20, Folder 7	Medallion, Russian exploration, circa 1959
Box 20, Folder 8	Directory, Vandenberg Air Force Base Directory 1967-1968, Santa Maria Publishing Company, Santa Maria, California, 1967
Box 20, Folder 9	Transcript, NASA News Conference, Preliminary Scientific Results from Surveyor V, 1967 September 29
Box 20, Folder 10	Citation, Gerald L. Phillippe Award, General Electric Foundation for Distinguished Public Service, January 23, 1970. Also includes photographs of the moon taken by crew of Apollo 8 and the delegates from COSPAR meeting, 1968-1970
Box 20, Folder 11	Directory, General Electric Company, circa 1975
Box 20, Folder 12	NASA Applications Notice, 1977
Box 20, Folder 13	Information packet, U.S. Air Force-Scientific Advisory Board (SAB), spring general meeting, Wright-Patterson Air Force Base, OH, 1978 April 20-21
Box 20, Folder 14	Directory, Advanced Development Council - Roster of the Council, Technical Area Subcouncils, and Technical Area Panels, General Electric Company, 1978 April
Box 20, Folder 15	Mailing list, circa 1978
Box 20, Folder 16	Drawings, likeness of Porter, undated

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Series 15: Scrapbook

Box 21

Scrapbook, 1937-1964

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Series 16: Damaged Photographs

Restrictions: Photographs found in this box are severely damaged due to fire and water. For conservation purposes, they have been separated from the rest of the photographs in this collection and are currently unavailable to researchers.

Box 22, Folder 1	Lunar Orbiter 3, 1967
Box 22, Folder 2	Taken by Lunar Orbiter 4, 1967
Box 22, Folder 3	Taken by Lunar Orbiter 5, 1967
Box 22, Folder 4	Taken by Surveyor 3, 1967
Box 22, Folder 5	Taken by Surveyor 5, 1967
Box 22, Folder 6	Taken by Surveyor 6, 1968
Box 22, Folder 7	Taken by Surveyor 7, 1968

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