

FINDING AID FOR THE RICHARD HERMLING COLLECTION, 1959-2013 (#2021-0002)

Contact Information

University of Houston-Clear Lake Archives & Special Collections
Neumann Library
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Descriptive Summary

Repository (049): University of Houston-Clear Lake Archives & Special Collections

Collection # (099): 2021-0002

Title (245): Richard Hermling Collection

Creator (100/110): Hermling, Richard

Inclusive Dates: 1959-2013

Bulk Dates: 1977-1997

Extent (300): 5.5 linear feet (11 boxes)

Language (546): English

Administrative Information

Restrictions on Access (506): None

Restrictions on Use (540): **CLOSED FOLDERS IN BOX 4 -- RESTRICTED FROM RESEARCH. SEE INVENTORY FOR DETAILS.**

Acquisition Information (541): Materials donated by Linda Hermling

Processed by (583): Bethany Cook

Preferred Citation (524): Richard Hermling Personal Papers (#2021-0002), University of Houston-Clear Lake Archives.

Biographical/Historical Note (545)

Richard Hermling was born February 2, 1943 in Highland Park, Michigan. While in high school, he worked two paper routes—one morning and one evening—while taking college prep courses and playing varsity baseball. When his father was laid off and unable to pay for him to go to college, Hermlinger enlisted in the U.S. Air Force so he could get their educational benefits. While serving in the Air Force, he began attending college and he also worked at McDonald's part-time to make ends meet.

While stationed at Ellsworth Air Force Base, Hermlinger met his future wife Linda Wegner. After his military enlistment ended, the Hermlingers moved to Houston, Texas, where Richard got a job working at the NASA Johnson Space Center. He worked long hours at NASA while attending college part-time and completing his engineering degree. Among his many accomplishments while at NASA, Hermlinger was most proud of the fact that in 1967 NASA built a prototype of the Apollo spacesuit for him, which he tested in Chamber A of Building 32 at Johnson Space Center. That spacesuit is now in the Smithsonian Air and Space Museum. After retiring from NASA, Richard and Linda Hermlinger started and built their own small fledgling company, Southwest Seminars, into a successful nationwide company.

Richard Hermlinger passed away on March 20, 2020, in Friendswood, Texas.

[Much of this biographical information was taken directly from Richard Hermlinger's online obituary on the website of James Crowder Funeral Homes at <https://www.crowderfuneralhome.com/obituaries/richard-hermling/>].

Scope and Content (520) This collection primarily includes magazines, photographs, journals and reports, directories, periodicals, personal correspondence and documentation of NASA projects, and other materials.

Arrangement

The folders are arranged chronologically and separated by 12 series into 12 boxes. Selected series include: Handbooks, Briefings, Proposals, Reports, and Workbooks, Magazines and Programs, Personal Documents, Directories, and other writings, Manuals and Data Booklets, Booklets, Publications, and Pamphlets, Photographs, Patches, Stickers, and Pins

Index Terms (6xx):

Personal Names

Hermling, Richard A.

Corporate Names

United States--National Aeronautics and Space Administration

Places

Highland Park, Mich.
Houston, Tex.

Document Types

Art Reproduction
Autobiography
Book
Conference Publication
Directory
Essay
Government Publication
Graphic
Handbook
History
Index

- Instruction
- Issue
- Loose-leaf
- Map
- Newspaper
- Periodical
- Picture
- Review
- Specification
- Statistics
- Technical Drawing
- Technical Report

Items Separated

Books and Reports

NASA SP-7 Dictionary of Technical Terms for Aerospace Use First Edition (Removed for cataloging)

Newspapers

The Houston Post clippings dated 1966-1968 (Removed for condition)
 LIFE Magazine clippings (Removed for condition)
 News of M.S.C. Vol. 5 No. 9, 12 (Removed for condition)
 Space Division Skywriter Vol. 28 No. 49 (Removed for condition and cataloging)
 Spaceland News Vol. 1 No. 11-12 (Removed for condition and cataloging)

Photographs

Group of JSC field trip photos (Removed due to condition)

Stickers

Space Shuttle Columbia- Lousma and Fullerton (Removed for condition)
 Space Shuttle Columbia- Young and Crippen (Removed for condition)
 Space Shuttle Columbia- Mattingly-Hartsfield (Removed for condition)
 Space Shuttle Columbia- Engle-Truly (Removed for condition)
 Space Shuttle Go for Pad (Removed for condition)

Posters **(Please see consolidated poster inventory; removed to flat file.)**

Apollo 11 20th Anniversary Poster (Removed for processing)
 Space Station Poster (Removed for processing)
 Manned Flight Awareness Poster (Removed for processing)
 NASA 25th Anniversary Poster (Removed for processing)

Inventory

<u>Box</u>	<u>Folder</u>	<u>Title</u>	<u>Date</u>
Series I: Handbooks, Briefings, Proposals, Reports, and Workbooks			
1	1-1	Technical Intern Training Program Proposal	Sep. 1977
1	1-2	Ground Systems: Advanced Training Series	Mar. 21, 1979
1	1-3	Intro to Flight Control User Tools: UT-Intro 2102 Advanced Training Series	May 1, 1979
1	1-4	Ground Systems Workbooks and Manuals	Mar.-Jul. 1979

<u>Box</u>	<u>Folder</u>	<u>Title</u>	<u>Date</u>
1	1-5	Space Shuttle Program: MMU Configuration Management and Data Req./Flight Hardware Specs/Contract Statement of Work	Oct. 1979
1	1-6	Space Operations Center: Concept Analysis Conference Manual	Nov. 29-30, 1979
1	1-7	NASA Spinoff Annual Reports	1980-1985
Series II: Handbooks, Briefings, Proposals, and Reports			
2	2-1		Jan. 25, 1980
2	2-2	Ground Systems: Basic Training Series	Jan. 1981
		EVA PLBD Contingency Tools: Orbital Flight Test Description Document	Feb. 19, 1981
2	2-3		Feb. 19, 1981
2	2-4	Solar Max Mission Satellite Repair	Jan.-Mar. 1982
2	2-5	NASA Activities: Vol. 13, No. 1-3	May-Dec. 1983
2	2-6	NASA Activities: Vol. 14, No. 5-6, 11-12	Jan.-Apr., Jun. 1984
		NASA Activities: Vol. 15, No. 1-4, 6	1985-1987
2	2-7		1985-1987
2	2-8	Symposium and Study Briefings	Jan. 1986
		ISS Advanced Food Hardware System Specs and Progress Briefing Booklets	1986
2	2-9	NASA Presidential Commission Report/Executive Summary	Jul. 1986
2	2-10	NASA Space Station Human Productivity Maintenance Study	May/Oct.-Nov. 1986
		NASA Activities: Vol. 17, No. 5, 10-11	Fall 1987
2	2-12		Jan.-Feb. 1990
2	2-13	NASA Activities: Vol. 18, No. 8-9	Aug. 1988
3	3-1	NASA Activities: Vol. 21, No. 1	May 1989
3	3-2	EVA Training Workbook	Jun. 1995
3	3-3	Missions Operations Directorate: Bailout 2102	Aug. 31, 1995
3	3-4	Crew Escapes Systems Manual	
		MRI Proposal: Orbiter Crew Escape System Suit; Vol. 1- Technical Proposal	Oct.-Nov. 1995
3	3-5		Sep. 1996
3	3-6	PBA Revisions, Failure Analyses, and End Item Specs	Oct. 1996
3	3-7	Space Shuttle Mission STS-79: Press Kit	N.D.
3	3-8	NASA Strategic Management Handbook	
		SPAR SRMS Familiarization Manual	1983-1985
4	4-1		Feb. 1997
4	4-2	Series III: Magazines and Programs	Nov. 2009
4	4-3	Aerojet Technology: Vol. 1-2, No. 1-2 (CLOSED)	Jan. 2011
4	4-4	Aerospace America: Vol. 35, No. 2 (CLOSED)	Winter 1983
4	4-5	Aerospace America: Vol. 47, No. 10	Jan. 5, 1981
4	4-6	Air & Space Smithsonian: Vol. 25, No. 6	
		Aviation Space: Vol. 1, No. 3 (CLOSED)	Feb. 18, 1991
4	4-7	Aviation Week & Space Technology: Vol. 114, No. 1 (CLOSED)	Nov. 16-23, 2009
4	4-8	Aviation Week & Space Technology: Vol. 134, No. 7 (CLOSED)	N.D.
4	4-9	Aviation Week & Space Technology: Vol. 171, No. 18-19 (CLOSED)	Jan. 28, 1991
4	4-10		Mar. 27, 1986
4	4-11	Bell & Trotti, Inc. Architectural Proposal	Aug. 1979
4	4-12	Business Week: Is Gorbachev Still in Charge?	Dec. 1983
4	4-13	Challenger 7 Jones Hall Honorary Performance Program	Sep. 1983-Mar. 1984
4	4-14	L5 News: Vol. 4, No. 7 (CLOSED)	
		L5 News: Vol. 8, No. 12 (CLOSED)	

<u>Box</u>	<u>Folder</u>	<u>Title</u>	<u>Date</u>
4	4-15	L5 News: Vol. 9, No. 1-2, 9, 11 (CLOSED)	Feb. 10, 1986
4	4-16		Mar. 1991
4	4-17	Magazine of News and Human Interest: Picture Week	Feb. 11-25, 1991
4	4-18	Military History: Desert War	
4	4-18	Newsweek: The Gulf War	Feb. 4-Mar. 11, 1991
4	4-19	TIME Magazine: The Gulf War	Mar. 1991
		TIME Magazine Special Edition: "In Times of War"	
5	5-1		1967
5	5-2	Series IV: Personal Documents, Directories, and other writings	1968-1975
5	5-3	Hermling Spacesuit Test documents and photos	1982-1995
5	5-4	Richard Hermling Medical Examination Form and Tour of Duty Memorandum	1971-1997
5	5-5	Richard Hermling Personal writings, drafts, and proposals	N.D.
5	5-5	Richard Hermling personal job applications, performance reviews, and employee information	N.D.
5	5-6		M.D.
5	5-7	Commemorative Insert, Society of Satellite Professionals	1986
5	5-8	Brochure, and envelope addressed to Hermling from JSC	1985-1991
5	5-9	AIAA Program and Symposium Information	Mar. 1991
5	5-10	Space Station Assembly Study Booklet w/ Hermling notes	1976-1986
5	5-11	JSC Telephone Directory Supplements	M.D.
		Boeing Houston Telephone Directory (CLOSED)	
6	6-1	JSC Directories/NASA ISS Personnel Directory	1984
		Writings from Alan Holt, Coopers & Lybrand, and Ranftl	
6	6-2		1984
		Series V: Manuals and Data Booklets	
6	6-3	Space Transportation System Manual: Space Shuttle Program (1 of 3; pg. i-376)	1984
6	6-4	Space Transportation System Manual: Space Shuttle Program (2 of 3; pg. 377-752)	1988-1989
6	6-5	Space Transportation System Manual: Space Shuttle Program (3 of 3; pg. 753-1001)	1989-1990
		Data Change Notification for Shuttle Operational Data Book; Amendments 1-6 (1 of 2)	
7	7-1	Data Change Notification for Shuttle Operational Data Book; Amendments 7-12 (2 of 2)	Sept. 1967
7	7-2		1981
7	7-3		Nov. 1984
7	7-4	Series VI: Manuals, Reports, Course Booklets, Data Books, and Solicitations for Papers	Nov. 1984
7	7-5	LM Training Orientation Manual	Jan. 1988
7	7-6	Research + Technology Annual Report	1995
		AIAA Space Systems Technical Committee Quick Course	
		AIAA Space Systems Technical Committee Quick Course	
8	8-1	Shuttle Operational Data Book Volume IV: Orbiter	1967-1977
8	8-2	Landing Emergency Rescue	1968-1986
8	8-3	Solicitation: Invitation for Bid- Orbiter Crew Escape	1968-1972
8	8-4	System Suit Thermoelectric Cooling Units (+ Fax info)	Sept. 1977
8	8-5	Series VII: Booklets, Publications, and Pamphlets	1995-1997
8	8-6	NASA Facts Booklets	June 1997
8	8-7	NASA Announcements and Press Releases	1976-1997
8	8-8	Apollo Manned Spacecraft Series Vinyl Decal Sheet	June 2013

<u>Box</u>	<u>Folder</u>	<u>Title</u>	<u>Date</u>
8	8-9	Educational Publications- Mission to Jupiter + Saturn/Space Shuttle Food System	N.D.
9	9-1	Space Shuttle Information Pamphlets	N.D.
9	9-2	NASA Mixed Fleet Payload Flight Assignments Booklet	1960s
9	9-3	Plans, Logs, Notebooks, and Equipment Lists	1961
9	9-4	Neil Armstrong Memorial and Tree Dedication Ceremony	1963
9	9-5	Programs	1964
9	9-6	UHCL Campus and Building Guide	Nov. 1964
9	9-7		May 1966
9	9-8	Series VIII: Photographs	Dec. 1966
9	9-9	NASA Space Science Demonstration	1964-1966
9	9-10	NASA Boeing Photos	N.D.
9	9-11	Mercury-Redstone 3/Freedom 7 Photo	1966
9	9-12	Apollo 12 Astronaut Photo	Aug. 1967
9	9-13	Space Science Lecturers for the Space-Mobile	1959-1967
9	9-14	Governor Tours MSC	1967
9	9-15	Apollo/Saturn V Moon Rocket	Oct. 1968
9	9-16	Apollo Block II Stowage Review	1968
9	9-17	Gemini Missions	Mar. 1968
9	9-18	Manned Spacecraft Center	1968
9	9-19	Group of science lecturers	Nov. 1968
9	9-20	Desert Survival Training	1969
9	9-21	Astronaut Portraits	Dec. 1969
9	9-22	USAF Jungle Survival Training: Panama	1969
9	9-23	Apollo 7 Launch	1970
9	9-24	Apollo 8 Mission	Apr. 1970
9	9-25	Lunar Lab Interior/Equipment	1970
9	9-26	Control Panel Presentation/Training	1970
9	9-27	Apollo 9 Water Egress Training	1971
9	9-28	Apollo 10 Crew Photo/Recovery Mission	1971
9	9-29	AAP Saturn Workshop	1971
9	9-30	NASA Apollo 11 Lunar Landing	1972
9	9-31	Apollo 13 Prime Crew	1972
9	9-32	Apollo 13 MCC	1972
9	9-33	Poindexter Student Demonstration	1973-1974
9	9-34	Student Model Rocket Launch	1975
9	9-35	Pluto + Goofy Giving Presentation	1965-1975
9	9-36	Apollo 14	1975
9	9-37	NASA Apollo 15	1976
9	9-38	Apollo 16 Touchdown	1977
9	9-39	Apollo 17	1977
9	9-40	Earth Observations Aircraft Artist's Concepts	1977
9	9-41	Skylab Orbit Photos	1979
9	9-42	Apollo-Soyuz Launch	1979
9	9-43	Manned Spacecraft Center Portraits	1975-1980
9	9-44	Apollo 11 Moon Rocks Sample	1983
9	9-45	Lunar Communications Relay Unit Demonstration at UH	1959-1984
10	10-1	1 st and 2 nd Crew for Space Shuttle ALT w/ autographs	1984
10	10-2	Cosponsored Teacher Workshops	1984-1994
10	10-3	NASA Space Science Demonstration	Apr. 1984
10	10-4	Dept. of Defense Teacher Workshop.	1990
10	10-5	Space Shuttle Orbiter	1990
10	10-6	Space Shuttle Orbiter Artistic Concepts	1991
10	10-7	Space Shuttle Challenger	1973-1991
10	10-8	Astronaut Selections	1992

<u>Box</u>	<u>Folder</u>	<u>Title</u>	<u>Date</u>
10	10-9	41-C Onboard Scenes	1967
10	10-10	NASA Space Shuttle Discovery Missions/Spacewalks	1968
10	10-11	41-C Onboard Scene	1969
10	10-12	Astronaut Candidate Crew	1971
10	10-13	Hubble Space Telescope's Observing Instruments	1972
10	10-14	Space Shuttle Endeavor Photos	1972
10	10-15	Space Shuttle/Skylab Crew Photos (Multiple Autographs)	1977
10	10-16	Space Shuttle Columbia	1970-1977
10	10-17	Unidentified Tubing System	1977
10	10-18	Portraits from unknown presentation (scanned film)	1978
10	10-19	Unidentified modular device	1979
10	10-20	Space science demonstration at unknown location	1979
10	10-21	Unidentified group	1979
10	10-22	Meeting of 3 unidentified men	1981
10	10-23	Unidentified astronaut equipment for display	1982
10	10-24	Student demonstrators at unknown locations	1982
10	10-25	Unidentified field trip outing	N.D.
10	10-26	Unidentified student field trip	N.D.
10	10-27	Unidentified student awards	N.D.
10	10-28	Unidentified teacher field viewing	N.D.
10	10-29	Unidentified female astronaut fitting	N.D.
10	10-30	Unidentified student field viewing	N.D.
10	10-31	Unidentified teacher presentation	N.D.
10	10-32	Unidentified meeting	N.D.
10	10-33	George Marshall Space Flight Center Demonstration	N.D.
10	10-34	Unidentified staff portrait	N.D.
10	10-35	Unidentified group at a meeting	N.D.
10	10-36	Western State College Student Involvement	N.D.
10	10-37	Student Presentations at unknown location	N.D.
10	10-38	Unidentified artistic interpretations	N.D.
10	10-39	Unidentified photo of astronaut	N.D.
10	10-40	Unidentified material testing	1967
10	10-41	Unidentified Capsule Recovery Photos	M.D.
10	10-42	Unidentified MCC	N.D.
		Unidentified presentation materials	
11	11-1	Unidentified flight profile materials	M.D.
11	11-2	Unidentified educational programs presentation	M.D.
11	11-3	Unidentified Lunar Module Orbit	M.D.
11	11-4	Unidentified Misc. Space Flight	M.D.
11	11-5	Richard Hermling Space Suit Photo w/ insert	M.D.
11	11-6	Large Print Misc. Photos	M.D.
		Boeing Aluminum Panel Photo and Description	
12	12-1		Apr. 1967
		Series IX: Patches, Stickers, and Pins	
12	12-2	Spacelab Flight Stickers	Dec. 1981
		Space Shuttle Mission Stickers	
12	12-3	Specialty Miscellaneous NASA Stickers	Mar.-Dec. 1982
		Spacelab Life Sciences Stickers	
12	12-4	NASA Space Shuttle Pins	Jan.-Nov. 1983
		Space Shuttle Mission Patches	
12	12-5		Jan.-Nov. 1984
12	12-6	Series X: Newspapers	Mar.-Jun. 1986
12	12-7	NASA Manned Spacecraft Center Roundup Vol. 6 No. 13-14	Jan. 1988
FF	1/3	NASA Space News Roundup Vol. 20 No. 23-24	1989/1994

<u>Box</u>	<u>Folder</u>	<u>Title</u>	<u>Date</u>
FF	2/3	NASA Space News Roundup Vol. 21 No. 6-7, 12-13, 18,	N.D.
FF	3/3	22	M.D.
Book	InProc.	NASA Space News Roundup Vol. 22 No. 1, 5, 11, 15-16, 18, 19	1985
Book	InProc.	NASA Space News Roundup Vol. 23 No. 1-6, 8-13, 20-21	
		NASA Space News Roundup Vol. 25 No. 5, 7-8, 9-11	1992
		NASA Space News Roundup Vol. 27 No. 2	
Book	InProc.	Series XI: Posters, Charts, and Maps	2018
Book	InProc.	Apollo 20 th /25 th Anniversary Posters	Jul. 1963
Book	InProc.	NASA Promotional Posters	1983
		Oversized Charts and Maps	
Book	InProc.		Jan. 1987
		Series XII: Books	
Book	InProc.	NASA SP-483 LIVING ALOFT: Human Requirements for Extended Spaceflight	Aug. 1992
Book	InProc.	David M. Clark "The E.J Baldes I Knew" (Anti-G Suit Development) "The Harry Schroeder I Knew" "The Development of the Partial Pressure Suit"	Dec. 1986
		Apollo's Brothers by Tom Wilks	
		NAVSHIPS 250-538 U.S. Navy Diving Manual Part 1	
		System Engineering Management Guide- Defense Systems Management College	
		NASA Contractor Report 4027 Space Station Architectural Elements Model Study	
		Standards of Ethical Conduct for Employees of the Executive Branch Including: Part I of Executive Order 12674 and 5 C.F.R Part 2635 Regulation	
		NASA Conference Publication 2426 Space Station Human Factors Research Review Vol. III- Space Station Habitability and Function: Architectural Research	