

**FINDING AID FOR THE HYMAN A. STEINBERG COLLECTION,
1940s-2014 (#2018-0011)**

Contact Information

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Descriptive Summary

Repository (049): University Archives

Collection # (099): 2018-0011

Title (245): Hyman A. Steinberg Collection

Creator (100/110): Hyman A. Steinberg

Inclusive Dates: 1940s-2014

Extent (300): 1.5 linear feet (3 boxes)

Language (546): English

Administrative Information

Restrictions on Access (506): None

Restrictions on Use (540): None

Acquisition Information (541): Donated by David Steinberg, 2018 and 2019

Related Material:

Hyman A. Steinberg Papers, 1943-2014, 12/6/21, University of Illinois Archives, Urbana, Illinois, viewed online at
<https://archon.library.illinois.edu/archives/index.php?p=collections/controlcard&id=11807>

Hyman Steinberg Collection on Solar Research, MC.285, New York University Archives, New York University, viewed online at
https://dlib.nyu.edu/findingaids/html/archives/mc_285/mc_285.html

Processed by (583): UHCL Archives Staff

Preferred Citation (524): Hyman A. Steinberg Collection (#2018-0011), University of Houston-Clear Lake Archives.

Biographical/Historical Note (545)

Hyman Abraham Steinberg (who went by “Hy”) was born in New York City to a Jewish family on December 15, 1925. He served in the U.S. Navy during World War II from 1944-1946 as a Radioman 2nd Class at the U.S. Naval Mine Depot in Yorktown, Virginia. He received a Bachelor of Art and Bachelor of Architectural Engineering from Oklahoma State University in 1950 and 1951, respectively. In 1951, Steinberg worked as the junior architect for the New York City Public Works Department. Then, Steinberg worked at New York University’s Research Division as an engineering scientist from 1951-1955, where he co-developed the first engineered solar oven.

He next worked as an Assistant Professor of Architecture at the University of Illinois, Champaign-Urbana, from 1955-1958. From 1958-1960, Steinberg worked as the Public Relations Account Executive for Basford Inc. in New York City. At the same time, he served as an industrial engineering consultant between 1958-1959 with Carmer Industries in New Jersey. He worked from 1960-1963 as the editor of Family Handyman Magazine in New York City; then followed this as an building consultant editor American Home Magazine.

Steinberg worked from 1967 to 1971 as an engineering specialist for Catalytic-Dow, Saturn 5 systems at NASA Kennedy Space Center in Florida. He also worked on the Apollo 8 program. From 1955 to 1980, Steinberg received 14 U.S Patents for Solar-Thermal energy conversion. In his career, he received 20 patents for his own inventions. Some of his best-known inventions today are the solar energy grill, inner channel hearing aid, and rotary electric shaver. Steinberg then worked as a real estate investor, architectural consultant, artist, and inventor until his death on February 12, 2016.

Scope and Content (520)

This collection contains writings, invention materials, photographs, and publications related to the life and career of Hyman A. Steinberg’s career at NASA that impacted human space flight. Most of the materials date from 1967 to 1973, though there are materials from Steinberg’s later independent consultancy with NASA while not a full-time employee.

Arrangement

Items are arranged within series by chronologically and by document type. Digital items are indexed at the folder level. Please contact the UHCL Archives for complete file listings.

Index Terms (6xx):

Personal Names: Steinberg, Hyman Abraham

Corporate Names: United States. National Aeronautics and Space Administration, Dow-Catalytic

Subjects: Astronauts, Apollo 8 (Spacecraft), Skylab Program, inventions

Document Types: Paper, negatives, photographs

Collection Inventory

<u>Box</u>	<u>Folder</u>	<u>Title</u>	<u>Date</u>
Series I: Written Materials			
Includes work-related articles, press releases, presentations, and correspondence			
1	1	Hy Steinberg work history	undated
	2	Brochure – Dow Diamond #4	1967

3	Catalytic-Dow Countdown magazine	April, May, October 1968
4	Catalytic-Dow Countdown magazine – “Advice to the Shopworn” article compilation	1968
5	Catalytic-Dow Countdown magazine – “Question of the Month” article compilation	1968
6	Press release – Catalytic-Dow news – Water Dissipates Saturn V Heat	undated
7	Press release – The New Generation of Lubricants, Nu-Chem Industries	undated
8	Presentation – Altitude Simulation (2 copies)	May 10, 1968
9	Presentation – AS-504 Single Failure Point	January 22, 1969
10	Presentation charts – AS-504 Single Failure Point Potentials, Priority S	January 23, 1969
11	Presentation – Catalytic-Dow Slide Wire System	February 28, 1969
12	Article – ‘Grim Fairy Tale’ Told, by Sue Butler, aka Hy Steinberg	undated
13	Correspondence – George F. Killmer, Jr. regarding KSC open house	October 29, 1968
14	Correspondence – Maura White, regarding Apollo-Saturn5 and Mercury-Atlas launch facilities photographs	September 19, 2009
15	Correspondence – Frank Borman, regarding Steinberg’s photograph of Borman (3 exchanges)	2013
16	Correspondence – William Hicks, regarding Steinberg’s patents	April 2, 2014
17	Correspondence – Art.com, regarding Ralph Morse and Steinberg photographs	September- October 2014
18	Certificate – Cape Canaveral Pioneer, in recognition of early efforts related to Missile, Space & Range programs	1965
19	Certificate of Participation presented to H.A. Steinberg to commemorate the historic launch from the Kennedy Space Center	December 21, 1968

Series II: Photographs and Negative

20	Includes reproductions of Steinberg’s photographs Photographs – Steinberg and Apollo 8 Rollout	December 1968
21	Photograph collage – The First Journey to the Moon, Apollo 8	1968
22	Apollo 10 and 11 4” x 5” negatives (some missing, sleeves present)	1969
23	Photographs – NASA – Borman, Lovell, Anders by Steinberg	undated
24	Photograph – Catalytic-Dow crew at LC 29 – launch escape system	undated
25	Photograph – emergency escape system under LC 39 pad	undated
26	Photographs – Steinberg with astronauts Rusty Schweikart and Ron Evans	undated
27	Photographs and collages – Steinberg, Apollo 8, astronauts	undated

Series III: Apollo Documents

	28	Apollo 9 Press Kit	February 14, 1969
	29	Apollo 10 Press Kit	May 6, 1969
	30-31	Apollo 11 Lunar Landing Mission Press Kit (2 copies)	June 26, 1969
2	1-5	Apollo 11 Mission Commentary	July 20-24, 1969
	6	Apollo 11 Principal Investigators' Briefing	July 23, 1969
	7	Lunar Receiving Laboratory Press Conference	July 23, 1969

Series IV: Skylab Documents

	8	Skylab Experiments, Volume 1: Physical Science, Solar Astronomy – Information for Teachers Including Suggestions on Relevance to School Curricula	May 1973
	9	Skylab Experiments, Volume 2: Remote Sensing of Earth Resources – Information for Teachers...	May 1973
	10	Skylab Experiments, Volume 3: Materials Science – Information for Teachers...	May 1973
	11	Skylab Experiments, Volume 4: Life Sciences – Information for Teachers...	May 1973
	12	Skylab Experiments, Volume 5: Astronomy and Space Physics – Information for Teachers...	May 1973
	13	Skylab Experiments, Volume 6: Mechanics – Information for Teachers...	May 1973
	14	Skylab Experiments, Volume 7: Living and Working in Space – Information for Teachers...	May 1973

Series V: General NASA and Space Publications

3	1	NASA Fact Sheet – Propulsion Fundamentals	June 1975
	2	NASA Fact Sheet – Notes for Educators	September 1977
	3	NASA Fact Sheet – Notes for Educators	January 1978
	4	NASA Facts – Space Shuttle	1977
	5	NASA Facts – The Spectrum: There's More Than Meets the Eye (poster)	1977
	6	NASA Facts – Voyager	1977
	7	NASA Facts – The Planet Venus	1978
	8	KSC Historical Report No. 1A – Major NASA Launchings, October 1, 1958-December 31, 1977	undated
	9	NASA Report – High Energy Astronomy Observatory (HEAO)	1977
	10	New Horizons	1975
	11	Atoms and Astronomy	September 1976
	12	Chemistry Between the Stars	September 1976
	13	Extragalactic Astronomy	September 1976
	14	The Supernova	September 1976
	15	Space: A Resource for Earth, an AIAA Review	April 1977
	16	Mars: The Viking Discoveries	October 1977

Series VI: Digital Items

These items are available only as PDFs, and contain Steinberg's letters, writings, inventions, and other materials in various publications and subjects. Each publication/subject is listed alphabetically and some contain several documents. NASA items are duplicated in the physical collection.

1	American Home magazine	1962, 1964, 1970s
2	American Iron and Steel Institute	1966-1967
3	Art	1958, undated
4	Edison Electric	1969
5	Education	circa 1940s- 1960s
6	Handyman Magazine	1960-1961
7	Hearing Aid – sketches	1988-1989
8	NASA	1968-1970s,, 2009, undated
9	Navy	circa 1940s
10	New York University	circa 1950s
11	Other	1995, undated
12	Solar Grill	circa 1960s
13	Spin Shaver	circa 2000s
14	University of Illinois	circa 1950s
15	Various articles	1969, 1972, undated