
Register of the Willy Achim Fiedler papers

Finding aid prepared by Frances Heldt

Hoover Institution Archives

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Title: Willy Achim Fiedler papers

Date (inclusive): 1933-1998

Collection Number: 95009

Contributing Institution: Hoover Institution Archives

Language of Material: English and German

Physical Description: 16 manuscript boxes, 1 oversize box, 4 oversize folders(9.2 linear feet)

Abstract: Correspondence, writings, notes, memoranda, technical reports, patent applications, clippings, other printed matter, video tape, sound recording, and photographs relating to the German missile development program during World War II, including the "V1," and to postwar American missile development programs, especially the Polaris missile and other submarine launched ballistic missiles.

Physical Location: Hoover Institution Archives

Creator: Fiedler, Willy Achim, 1908-1998.

Access

The collection is open for research; materials must be requested at least two business days in advance of intended use.

Publication Rights

For copyright status, please contact the Hoover Institution Archives.

Preferred Citation

[Identification of item], Willy Achim Fiedler papers, [Box no.], Hoover Institution Archives.

Acquisition Information

Acquired by the Hoover Institution Archives in 1995.

Accruals

Materials may have been added to the collection since this finding aid was prepared. To determine if this has occurred, find the collection in Stanford University's online catalog at <http://searchworks.stanford.edu/>. Materials have been added to the collection if the number of boxes listed in the online catalog is larger than the number of boxes listed in this finding aid.

1908

January 23 Born, Freudenstadt, Black Forest, Germany

1934 June 1 Received Diplom-Ingenieur (Master of Engineering) from the Technical University, Stuttgart

1935-1936 Designer for the British Aircraft Manufacturing Co. Ltd. in Feltham, England

1937

November Received the title of Flugbaumeister (aeronautical engineer) from the Institute for Aviation Research (Deutsche Versuchsanstalt für Luftfahrt, DVL) in Berlin

1938-1944 Designer and test pilot at the Gerhard Fieseler Aircraft Works in Kassel, Germany

1942-1944 Tester of the "V1" missile for Gerhard Fieseler in Peenemünde, Germany

1945

January-May Co-owner and technical director for the Bachem Company in Waldsee, Germany

1945

October-1949 Owner and manager of Ingenieurbureau Fiedler in Nabern, Germany

May

1948-1956 Worked at the U.S. Naval Air Missile Test Center (NAMTC) in Point Mugu, California, as part of Operation Paperclip

1954

January 27 Received the Distinguished Civilian Service Award from the U.S. Navy

1956 Began work at Lockheed Missiles and Space Company in Sunnyvale, California

1958 Became chief scientist at Lockheed Missiles and Space Company

1973 Retired from Lockheed Missiles and Space Company

1998

January 17 Died, Los Altos Hills, California

Scope and Content of Collection

Correspondence, scientific writings, experiment notes, memoranda, technical reports, patent applications, clippings, other printed matter, video tape, sound recording, and photographs relating to the German missile development program during World War II, including the "V1," and to postwar American missile development programs, especially the Polaris missile and other submarine launched ballistic missiles. The bulk of the collection relates to these and various other scientific studies

and experiments that Fiedler conducted in the decades after his immigration to the United States, organized into a Career File.

Subjects and Indexing Terms

World War, 1939-1945--Aerial operations.

World War, 1939-1945--Germany.

Polaris (Missile)

United States. Navy--Weapons systems.

Lockheed Missiles and Space Company.

Nuclear weapons.

Engineers.

Biographical File 1937-1998

- Box/Folder 1 : 1 **Identification cards 1957-1958**
- Box/Folder 1 : 2 **Drawing of Fiedler undated**
- Box/Folder 1 : 3 **Family tree undated**
 Language of Material: German
- Box/Folder 1 : 4 **"Black Forest Love Song," undated**
 Scope and Contents note
 Arranged and translated into English by Fiedler.
- Box/Folder 1 : 5 **Resumes and academic papers 1937-1995**
 Scope and Contents note
 Includes photographs of Fiedler's Diplomarbeit, an entry for "Who's Who in Science and Engineering," and his personal notes on his fleet ballistic missile development experience. In English and German.
- Box/Folder 1 : 6 **Awards 1948-1979**
- Box/Folder 1 : 7 **Legal documents 1948-1954**
 Language of Material: German
- Box/Folder 1 : 8 **Oxnard house design 1948-1956**
 Scope and Contents note
 Financial and legal materials, and notes, related to the design and construction of Fiedler's home in Oxnard, California. See also: Oversize Materials/Large blueprints.
- Box/Folder 1 : 9 **Memorial programs and obituary 1998**
- Box/Folder 1 : 10 **Newspaper clippings 1952-1986**
 Scope and Contents note
 In English and German.
- Box/Folder 1 : 11 **Miscellaneous personal notes 1956-1986**
 Scope and Contents note
 In English and German.
- Box/Folder 1 : **Appointment books 1960-1965**
12-16
- Box/Folder 2 : 1-8 **Appointment books 1966-1973**
 Correspondence 1945-1995
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Box/Folder 2 : 9	Not written to or by Fiedler 1948-1966, undated Scope and Contents note In English and German.
Box/Folder 2 : 10	Unidentified 1948-1949 Language of Material: German
Box/Folder 2 : 11-12	General 1948-1959, undated Scope and Contents note In English and German.
Box/Folder 3 : 1-2	General 1961-1995 Scope and Contents note In English and German.
Box/Folder 3 : 3	Akademische Fliederguppe Stuttgart 1982-1993 Language of Material: German
Box/Folder 3 : 4	Bachem, Erich 1948-1956, undated Language of Material: German
Box/Folder 3 : 5 Box/Folder 3 : 6 Box/Folder 3 : 7	Barker, Lawrence Jr. 1987-1989 Barker, William A. 1987-1992 Baur, Isolde 1991-1994 Language of Material: German
Box/Folder 3 : 8	Baur, Karl 1948-1955 Language of Material: German
Box/Folder 3 : 9	Behrenbeck 1948-1951, undated Language of Material: German
Box/Folder 3 : 10 Box/Folder 3 : 11 Box/Folder 3 : 12 Box/Folder 3 : 13	Billings, Anne 1977-1981 Bollay, William 1962 Brown, Robert E. 1953-1954 Bussenius-Kraft, Ruth 1949-1960 Language of Material: German
Box/Folder 3 : 14 Box/Folder 3 : 15 Box/Folder 3 : 16 Box/Folder 3 : 17	Daggett, Max 1983-1985 De Roos, Willem 1993-1994 Diehl, Walter S. 1948-1952 Ehemaligen Peenemünder 1980 Language of Material: German
Box/Folder 3 : 18	Eiss, Liselotte 1948-1951, undated Language of Material: German
Box/Folder 3 : 19	Erb, Theo 1951 Language of Material: German
Box/Folder 3 : 20	Fiedler, Gertrud 1989-1994, undated Language of Material: German

Box/Folder 3 : 21	Fiedler, Herbert and Tilly 1991-1992, undated Language of Material: German
Box/Folder 3 : 22	Fiedler, Karl 1950-1951 Language of Material: German
Box/Folder 3 : 23	Fiedler, Monika 1991-1992, undated Language of Material: German
Box/Folder 3 : 24	Fiedler, Petra 1990-1994 Language of Material: German
Box/Folder 3 : 25	Fieseler, Gerhard 1967-1977 Language of Material: German
Box/Folder 3 : 26	Flessner, Heinz 1979 Language of Material: German
Box/Folder 3 : 27 Box/Folder 3 : 28	Freitag, Robert F. 1955-1994 Griehl, Manfred 1987 Language of Material: German
Box/Folder 3 : 29	Grimm, Hans 1989-1992 Language of Material: German
Box/Folder 3 : 30	Guter, Frank undated Language of Material: German
Box/Folder 3 : 31	Helga and Ernst 1992 Language of Material: German
Box/Folder 3 : 32	Hellmold, Wilhelm 1980-1993 Language of Material: German
Box/Folder 3 : 33	Hensel, Manfred 1979-1986 Language of Material: German Scope and Contents note See also: photograph of Fiedler and Hensel in Box 16, Folder 12.
Box/Folder 3 : 34	Hirth, Wolf 1949-1951 Language of Material: German
Box/Folder 3 : 35	Hoerner, Sighard F. 1949-1969 Language of Material: German
Box/Folder 3 : 36	Hohmann, B. A. 1950 Language of Material: German
Box/Folder 3 : 37	Hutzel, Hans 1987-1988 Language of Material: German
Box/Folder 3 : 38	Ilse 1954-1955 Language of Material: German

- Box/Folder 3 : 39 **Jones, Walter R. 1953-1956**
Box/Folder 3 : 40 **Karin 1986**
Box/Folder 3 : 41 **Kitchen, Larry O. 1986, undated**
Box/Folder 3 : 42 **Klaus 1991-1993**
 Language of Material: German
 Scope and Contents note
 Includes letter to Fiedler's wife, Grete.
- Box/Folder 3 : 43 **Klein, Gerald 1986-1988**
 Language of Material: German
- Box/Folder 3 : 44 **Knapp, Werner 1994**
 Language of Material: German
- Box/Folder 3 : 45 **Kössler, Karl 1988-1993**
 Language of Material: German
- Box/Folder 3 : 46 **Krauss, Hanns 1946-1950**
 Language of Material: German
- Box/Folder 3 : 47 **Lahde, Reinhard and Hildegard 1993, undated**
 Language of Material: German
- Box/Folder 3 : 48 **Leo 1984**
 Language of Material: German
- Box/Folder 3 : 49 **Lutz-Fiedler, Hedwig 1945-1992**
 Language of Material: German
 Scope and Contents note
 Includes letters from Fiedler's wife, Grete.
- Box/Folder 3 : 50 **Marquardt, Karen and Jana 1991-1993**
Box/Folder 3 : 51 **Mayer, Max 1995**
 Language of Material: German
- Box/Folder 3 : 52 **Middelmann-Motz, J. J. and Astrid V. 1991-1993**
 Language of Material: German
- Box/Folder 3 : 53 **Middlebrook, Martin 1980**
Box/Folder 3 : 54 **National Air and Space Museum 1974-1984**
Box/Folder 4 : 1 **Niethammer, Hellmut 1987-1991**
 Language of Material: German
- Box/Folder 4 : 2 **Northrup Aircraft, Inc. 1951-1955**
Box/Folder 4 : 3 **Petrikat, Kurt 1948-1950**
 Language of Material: German
- Box/Folder 4 : 4 **Priewe, Gerd D. 1980**
 Language of Material: German
- Box/Folder 4 : 5 **Proppe, Tasso 1948-1994**
 Scope and Contents note
 In English and German.

Box/Folder 4 : 6	Quenzler, H. H. W. 1988-1991 Language of Material: German
Box/Folder 4 : 7	Rathjen, Walter 1985 Language of Material: German
Box/Folder 4 : 8	Rees, Eberhard F. M. 1948-1952 Language of Material: German
Box/Folder 4 : 9	Riedel, Peter 1985 Language of Material: German
Box/Folder 4 : 10	Röhm, Ludwig 1948-1953 Language of Material: German
Box/Folder 4 : 11 Box/Folder 4 : 12	Root, L. E. 1959-1965 Schemp, Martin 1949-1950 Language of Material: German
Box/Folder 4 : 13	Segebrecht, Willfried 1948-1949 Language of Material: German
Box/Folder 4 : 14	Steuer, Herbert 1949-1951 Language of Material: German
Box/Folder 4 : 15	Steurer, Heike 1992, undated Language of Material: German
Box/Folder 4 : 16	Steurer, Martin 1991-1992, undated Language of Material: German
Box/Folder 4 : 17	Steurer, Rudolf 1948-1950, undated Language of Material: German
Box/Folder 4 : 18	Stüwe, Botho 1987 Language of Material: German
Box/Folder 4 : 19 Box/Folder 4 : 20	Von Köhn, Siegfried D. 1982 Walter, Wilhelm 1948-1953 Language of Material: German

Career File 1936-1994

Projects

Scope and Contents note

Notes, studies, experiments, drafts, graphs, figures, technical reports, memos, and secondary printed material related to the various construction and research projects Fiedler was involved in, grouped by place of employment.

Box/Folder 4 : 21	British Aircraft Manufacturing Co. Ltd. 1936 Scope and Contents note See also: Oversize Material/Large blueprints.
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Box/Folder 4 : 22	<p>Gerhard Fieseler Werke Maps of grounds undated Language of Material: German</p>
Box/Folder 4 : 23	<p>Unknown projects 1937-1940, undated Language of Material: German</p>
Box/Folder 4 : 24	<p>Fi 156 "Storch," 1938-1994 Scope and Contents note In English and German.</p>
Box/Folder 4 : 25	<p>Fi 99 "Jung-Tiger," 1938 Language of Material: German</p>
Box/Folder 4 : 26	<p>Fi 256 "Super-Storch," 1981-1990 Language of Material: German Scope and Contents note See also: photograph in Box 16, Folder 12.</p>
Box/Folder 4 : 27	<p>Fi 103 "V-1," 1945-1994, undated Scope and Contents note In English and German.</p>
Box/Folder 4 : 28	<p>Reichenberg Project 1945-1985 Scope and Contents note See also: Oversize Material/Large diagrams. In English and German.</p>
Box/Folder 4 : 29	<p>Bachem Werke 1978-1985, undated Scope and Contents note Material about the Bachem Ba 349A "Natter." In German and Italian.</p>
Box/Folder 4 : 30	<p>Ingenieurbureau Fiedler 1947-1954 Language of Material: German Scope and Contents note Ledgers, bills, and other papers related to the running of Fiedler's furniture business and its merge with Kombi-Möbel in 1948.</p>
Box/Folder 4 : 31	<p>Naval Air Missile Test Center (NAMTC) Employment 1948-1959 Scope and Contents note Includes invitee list for NAMTC 50th anniversary reunion in 1991.</p>
Box/Folder 4 : 32	<p>Projects 1948-1955 Scope and Contents note Includes materials on Project CROW, the Loon Missile, and Regulus I. See also: photographs of the Loon and Regulus missiles in Box 16, Folder 6.</p>
Box/Folder 4 : 33	<p>Pacific Missile Range Advisory Board 1958-1959</p>
Box/Folder 4 : 34-35	<p>Printed matter 1955-1989</p>
Box/Folder 5 : 1	<p>Printed matter 1992</p>

Projects

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- Box/Folder 5 : 2 **Northrup Aircraft, Inc. 1951-1954**
 Scope and Contents note
 See also: Oversize Material/Box 17, Folder 4.
 - Box/Folder 5 : 3 **U.S. Civil Service Commission 1956**
 Lockheed Missiles and Space Company
 - Box/Folder 5 : 4 **Employment 1956-1985**
 Scope and Contents note
 Includes retirement papers. See also: Oversize Material/Box 17, Folder 6.
 - Projects**
 - Polaris**
 - Box/Folder 5 : 5 **Development 1955-1962**
 Scope and Contents note
 See also: Photographs/Box 16, Folder 10, and Oversize Material/Box 17, Folder 1.
 - Box/Folder 5 : 6 **Clippings 1960, undated**
 Histories 1961-1986
 Scope and Contents note
 In English and German.
 - Box/Folder 5 : 7
 - Box/Folder 5 : 8 **Printed matter 1960-1964**
 - Box/Folder 5 : 9 **Project Starlight**
 Development 1962-1965
 Scope and Contents note
 Includes Institute of Defense Analyses employment paperwork.
 - Box/Folder 5 : 10 **Notebook 1962**
 - Box/Folder 5 : 11 **Reference articles 1960-1966**
 - Box/Folder 5 : 12 **Sub designs and studies 1965-1971**
 Scope and Contents note
 See also: Oversize Material/Box 17, Folders 1 and 4, and Oversize Material/Large diagrams.
 - Box/Folder 5 : 13 **Poseidon 1966**
 - Box/Folder 5 : **STRAT-X**
 Development 1966-1968
 Scope and Contents note
 See also: Oversize Material/Box 17, Folder 5, and Oversize Material/Large diagrams.
 - Box/Folder 5 : 14-15
 - Box/Folder 6 : 1 **Underwater long-range missile systems (ULMS) 1966-1968**
 Scope and Contents note
 See also: Oversize Material/Large diagrams.
 - Box/Folder 6 : 2 **ULMS notebook 1967**
 - Box/Folder 6 : 3 **Power sources for propulsion 1966-1975**
 Scope and Contents note
 Includes reference articles from 1961 and 1962.
 - Box/Folder 6 : 4 **Underwater shock 1967**
 Scope and Contents note
 See also: Oversize Material/Box 17, Folder 5.
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Box/Folder 6 : 5	<p>SSBN studies/weapon systems 1967-1973</p> <p>Scope and Contents note</p> <p>Includes reference articles from 1965. See also: Oversize Material/Box 17, Folder 1.</p>
Box/Folder 6 : 6	<p>Modular multipurpose missile (MMM) 1971</p> <p>Scope and Contents note</p> <p>See also: Oversize Material/Box 17, Folders 1 and 4, and Oversize Material/Large blueprints.</p>
Box/Folder 6 : 7	<p>Underwater launch 1971</p> <p>Scope and Contents note</p> <p>See also: Oversize Material/Box 17, Folder 1.</p>
Box/Folder 6 : 8	<p>Three tube - S5G concept 1971</p> <p>Scope and Contents note</p> <p>See also: Oversize Material/Large diagrams.</p>
Box/Folder 6 : 9	<p>Shelf deployment 1971-1978</p> <p>Scope and Contents note</p> <p>See also: Oversize Material/Box 17, Folder 5.</p>
Box/Folder 6 : 10	<p>Trident I 1972</p>
Box/Folder 6 : 11-12	<p>Trident II 1972-1975</p> <p>Scope and Contents note</p> <p>See also: Oversize Material/Box 17, Folder 4.</p>
Box/Folder 7 : 1	<p>"Water Tunnel Tests of Hydrodynamic Control Devices for Trident II," 1975</p>
Box/Folder 7 : 2	<p>Alternate SLBM basing 1973</p>
Box/Folder 7 : 3	<p>Miscellaneous missile development 1967-1974</p> <p>Scope and Contents note</p> <p>See also: Oversize Material/Box 17, Folder 1.</p>
Box/Folder 7 : 4	<p>Newsletters and press releases 1956-1975</p>
Box/Folder 7 : 5-9	<p>Printed matter 1964-1994</p> <p>Scope and Contents note</p> <p>Includes <i>Lockheed Life</i> magazine, 1977-1983.</p>
	<p>Submersibles</p>
Box/Folder 7 : 10-12	<p>Development 1974-1975</p>
Box/Folder 7 : 13	<p>Noise 1968</p>
Box/Folder 7 : 14	<p>Life support and manning 1974</p>
Box/Folder 7 : 15	<p>Printed matter 1963-1966</p>
Box/Folder 8 : 1	<p>Battery barge concepts undated</p>
Box/Folder 8 : 2	<p>Missile capsules 1974-1975</p> <p>Scope and Contents note</p> <p>See also: Oversize Material/Box 17, Folder 4.</p>
	<p>R & D Associates</p>
Box/Folder 8 : 3	<p>Meeting 1974</p>
Box/Folder 8 : 4	<p>Strategic Systems Study 1974</p>
Box/Folder 8 : 5	<p>Defense Science Board 1974</p>

Engine study**Scope and Contents note**

Fiedler had originally placed the papers for this study into a series of different colored folders. The list of folder titles with their corresponding colors appears at the beginning of the first folder. Not all of the folders were found, but for those that were, the original order and folder titles have been retained. The original color of each folder appears in brackets.

Box/Folder 8 : 6
 Box/Folder 8 : 7
 Box/Folder 8 : 8
 Box/Folder 8 : 9
 Box/Folder 8 : 10
 Box/Folder 8 : 11
 Box/Folder 8 : 12
 Box/Folder 8 : 13
 Box/Folder 8 : 14
 Box/Folder 8 : 15
 Box/Folder 8 : 16
 Box/Folder 8 : 17
 Box/Folder 9 : 1-2

Controller types [Green] 1976-1979
Preliminary studies I [Red] 1975-1976
Preliminary studies II [Red] 1976-1978
Stratified charge [Red] 1976
Controller A tests [Yellow] 1976
Controller B tests [Yellow] 1977
Controller C tests [Yellow] 1977-1978
Fuelmeter and vacuum drive tests [Yellow] 1976-1977
Related system studies [Beige] 1975-1980
Further notes 1975-1979
Notebook undated
Large aircraft 1979-1980
Container aircraft 1980-1981
Altran Corporation

Box/Folder 9 : 3

Employment 1989-1991**Scope and Contents note**

Includes stocks paperwork and right of first refusal agreement.

Box/Folder 9 : 4

Test methods and results 1987-1989**Scope and Contents note**

See also: Oversize Material/Box 17, Folder 5.

Box/Folder 9 : 5-6

Projects 1988-1992**Scope and Contents note**

Studies and experiments related to alpha decay. See also: Oversize Material/Box 17, Folders 2-3.

Box/Folder 9 : 7

Unidentified projects 1991, undated**Scope and Contents note**

In English and German.

Box/Folder 9 : 8

Unidentified notes undated

Patents**Scope and Contents note**

Includes patent applications, drafts, amendments, correspondence, allowances, certificates, and printed patents, arranged chronologically.

Box/Folder 9 : 9

Split Aircraft Wing 1952-1956**Scope and Contents note**

See also: Photographs/Box 16, Folder 4.

Box/Folder 9 : 10

Bettessel 1953

Language of Material: German

Box/Folder 9 : 11

Jet Direction Control Device 1955-1957

Box/Folder 9 : 12

Induced Pitch Launcher Device 1956-1958

Patents

Box/Folder 9 : 13
Box/Folder 9 : 14

Jet Deflector 1956-1959
Miscellaneous patents 1956-1965

Scope and Contents note

Patents include: Jet-Ignited Tracking Flare, Aerodynamic Optic Collector, Holdback Device for Missile Launching, Externally Mounted Jet-Ignited Tracking Flare, Self-Contained Data Recorder, and Deep Submergence Underwater Vehicle.

Box/Folder 9 : 15
Box/Folder 9 : 16
Box/Folder 10 : 1
Box/Folder 10 : 2
Box/Folder 10 : 3
Box/Folder 10 : 4
Box/Folder 10 : 5
Box/Folder 10 : 6

Fuel Control of Internal Combustion Engines**Original application 1975 December****First examiner response 1976 September****First amendment 1976 December****Second examiner response 1977 April****Second amendment 1977 July****Allowance 1977-1978****Awarded patent 1978 January****Fluidynamic Control of Otto-Cycle Engines 1978-1981****Fuel Distribution in Internal Combustion Engines****Applications 1977****Examiner and amendment 1977-1979****Awarded patent 1979**

Box/Folder 10 : 7
Box/Folder 10 : 8
Box/Folder 10 : 9

Fuel Control and Injection System for Internal Combustion Engines**Applications 1979-1981****Awarded patent, industry contacts 1981**

Box/Folder 10 : 10
Box/Folder 10 : 11
Box/Folder 10 : 12
Box/Folder 10 : 13

Aerodynamically Controlled Fuel Injection 1979-1981**Increasing Alpha Decay Rates Through the Use of Static and Time Varying Electric Fields and Magnetic Fields 1988-1990****Speeches and Writings 1958-1992**

Box/Folder 10 : 14
Box/Folder 10 : 15

"The Launching of Large Missiles," 1958 October 6**"Alternatives for Sea-Based Missile Forces," 1974 April 1****Scope and Contents note**

Co-authored by G. Aubert, J. Ericson, R. Could, J. Hurley, N. Kfoury, J. Mullin, F. Parry, and B. Werle.

Box/Folder 10 : 16
Box/Folder 10 : 17

"Fluidynamic Fuel Control," 1975 September 23**Rough drafts****Final drafts****"Aerodynamic Computation of Air Fuel Ratios"****Proposals and drafts 1978****Final drafts undated****Conference paper 1980 February 25-29**

Box/Folder 11 : 1
Box/Folder 11 : 2
Box/Folder 11 : 3

Scope and Contents note

Society of Automotive Engineers Congress and Exposition in Detroit. Includes some correspondence from 1981.

Box/Folder 11 : 4

"Altering Natural Alpha Decay Rates," 1990**Scope and Contents note**

Abstract, drafts, and data. Co-authored by William A. Barker.

Box/Folder 11 : 5

"Alpha and Fusion Power Generation," 1992 January 13**Scope and Contents note**

Co-authored by William A. Barker.

Writings by Others 1933-1993**General**

Box/Folder 11 : 6	Unidentified undated Language of Material: German
Box/Folder 11 : 7	A-F 1954-1988
Box/Folder 11 : 8	G-K 1944-1980 Scope and Contents note In English and German.
Box/Folder 11 : 9	L-W 1958-1969 Scope and Contents note In English and German.
Box/Folder 11 : 10	Aerojet-General Corporation, "Capsule Feasibility Study," 1963 June
Box/Folder 11 : 11	American Institute of Aeronautics and Astronautics (AIAA) annual meeting papers 1964-1978
Box/Folder 11 : 12	Arentzen, E. S. and Philip Mandel, "Naval Architectural Aspects of Submarine Design," 1960
Box/Folder 12 : 1	Gates, David M., "Nuclear Power," <i>Energy and Ecology</i> 1985
Box/Folder 12 : 2	Greil, Karl, "The Development of the Guided Anti Aircraft Rocket 'Oerlikon' in Switzerland," 1951 Scope and Contents note In English and German.
Box/Folder 12 : 3	Jacobs, Eastman N. 1933-1937 Scope and Contents note "The Characteristics of 78 Related Airfoil Sections from Tests in the Variable-Density Wind Tunnel," 1933, and "Airfoil Section Characteristics as Affected by Variations of the Reynolds Number," 1937.
Box/Folder 12 : 4	Members of Congress for Peace through Law, "Report on ULMS," 1972 April 10
Box/Folder 12 : 5	Office of Naval Research papers 1975
Box/Folder 12 : 6	Proppe, Tasso 1975-1993 Scope and Contents note In English and German.
Box/Folder 12 : 7	Schneider, M. H. and E. E. Cook, "Study of a Deep Submergence Missile Capsule - Titanium (U)," 1963 June
Box/Folder 12 : 8	Surface Effect Ships for Ocean Commerce (SESOC) Advisory Committee, "Final Report on a Study of the Technological Problems," 1966 February
Box/Folder 12 : 9	Wormeer, E. M., "Launching the A4 (V2) Rocket Missile at Sea," 1946 August 7
Box/Folder 12 : 10	Ziegler, et. al., "Hochleistungssegelflugzeug FS 18," 1938 Language of Material: German Scope and Contents note Co-authored by Bälz, Körber, Läßle, and Söhne.
	Subject File 1943-1992
	Alte Rechliner Language of Material: German
Box/Folder 12 : 11	Membership and newsletters 1964-1992
Box/Folder 12 : 12-13	"Rechliner Briefe," volumes 1 and 2 undated
Box/Folder 13 : 1-2	"Rechliner Briefe," volumes 3 and 4 1978 September - 1982 August

Box/Folder 13 : 3	Altherrenschaft 1951 Language of Material: German
Box/Folder 13 : 4-5	Barker, William A. Writings 1987-1992 Scope and Contents note Includes biographical note.
Box/Folder 13 : 6-7	Theories 1982 Scope and Contents note Contains two lists of original folder titles related to William Barker's scientific projects. Not all folders were found, but those that were have retained their original titles and order. See also: Oversize Material/Box 17, Folder 5.
Box/Folder 13 : 8	Proposals undated
Box/Folder 13 : 9	Patents
Box/Folder 14 : 1	Electrostatic Voltage Excitation Process and Apparatus 1990
Box/Folder 14 : 2	Electrostatic Voltage Excitation Process and Apparatus 1990
Box/Folder 14 : 3	Method for Enhancing Alpha Decay in Radioactive Materials 1991
Box/Folder 14 : 4	Equipment/symbols 1987, undated
Box/Folder 14 : 5	Guidance computers 1961-1966
	Motorsegler 1978-1992 Scope and Contents note Includes materials on the European Motorsegler Championships. In English and German.
Box/Folder 14 : 6	Nucell battery 1988
Box/Folder 14 : 7	Reitsch, Hanna 1954-1992 Scope and Contents note In English and German.
Box/Folder 14 : 8	Sailplanes 1951-1985 Scope and Contents note See also: Oversize Material/Box 17, Folders 4 and 6.
Box/Folder 14 : 9	Schempp-Hirth Kirchheim-Teck 1943-1954 Language of Material: German
Box/Folder 14 : 10	Society of Automotive Engineers 1980 Scope and Contents note Notes, correspondence, brochure, and conference paper for the Aerospace Congress and Exposition, 1980.
	Printed Matter 1933-1994
	Instructional material Language of Material: German
Box/Folder 14 : 11	"Bauvorschriften für Flugzeuge," 1933 April
Box/Folder 14 : 12-13	"Bauvorschriften für Segelflugzeuge," 1939 August - 1940 February
Box/Folder 14 : 14-15	"Vorlesungen über Flugzeugbau," 1941 October - 1942 January

Box/Folder 14 : 16	<p>Informational material 1949-1968</p> <p>Scope and Contents note</p> <p>Informational brochures for a camera store owned by Fiedler's family in Freudenstadt, the U.S. Navy's fleet ballistic missile program, WWII suicide bombs, and fallout shelters. In English and German.</p>
Box/Folder 15 : 1	<p>Informational material 1975-1994</p> <p>Scope and Contents note</p> <p>Informational brochures for the U.S. Navy's fleet ballistic missile program and the Naval Air Weapons Station in Point Mugu, California, and catalogues for experiment equipment.</p>
Box/Folder 15 : 2 Box/Folder 15 : 3 Box/Folder 15 : 4 Box/Folder 15 : 5 Box/Folder 15 : 6	<p>Newsletters and journals</p> <p><i>Ultra-Lite Aircraft Journal</i> 1978-1980</p> <p><i>Foreign Affairs</i> 1968 July - 1969 October</p> <p><i>Scientific American</i> 1969 August - 1970 January</p> <p><i>High Frontier</i> 1991 October - 1992 August</p> <p><i>Die Rakete</i> 1981-1984</p> <p style="padding-left: 40px;">Language of Material: German</p>
Box/Folder 15 : 7 Box/Folder 15 : 8	<p>Miscellaneous newsletters 1973-1993</p> <p>Conference program 1988 August 29 - September 2</p> <p style="padding-left: 40px;">Language of Material: German</p> <p>Scope and Contents note</p> <p>Militärgeschichtliches Forschungsamt conference in Freiburg, titled "Der Internationalen Wissenschaftlichen Tagung," with the subject: "Luftkriegführung im Zweiten Weltkrieg. Ein Internationaler Vergleich."</p>
Box/Folder 15 : 9	<p>Newspaper clippings 1960-1992</p> <p>Scope and Contents note</p> <p>In English and German.</p>
Box/Folder 15 : 10-11	<p>Magazine articles 1938-1994</p> <p>Scope and Contents note</p> <p>In English and German.</p>
Box/Folder 15 : 12 Box 15	<p>Magazines 1963-1989</p> <p>Sound Recording undated</p> <p>Scope and Contents note</p> <p>One untitled compact sound cassette.</p>
Box 15	<p>Videorecording 1993 September 10</p> <p>Access</p> <p>DVD access copy of this video is available in the Archives reading room. Use copy reference number: 95009_0001_r2015</p> <p>Scope and Contents note</p> <p>"A Conversation with Willie Fiedler," VHS videocassette.</p>
	<p>Photographs 1953-1959, undated</p>
Box/Folder 16 : 1 Box/Folder 16 : 2 Box/Folder 16 : 3	<p>Naval Air Missile Test Center (NAMTC)</p> <p>Miscellaneous award ceremonies 1953-1956</p> <p>Distinguished Civilian Service Award ceremony 1954 February 23</p> <p>U.S. citizenship ceremony 1954 December 10</p>

Box/Folder 16 : 4

Split Aircraft Wing patent 1956 April 19

Scope and Contents note

See also: Career File/Patents/Split Aircraft Wing.

Box/Folder 16 : 5

Navy's Superior Accomplishment Award ceremony 1957 April 29

Box/Folder 16 : 6

Missiles 1954-1957

Scope and Contents note

Includes Loon and Regulus missiles.

Box/Folder 16 : 7

Hunter's Point undated

Lockheed Missiles and Space Company

Box/Folder 16 : 8

Experiments undated

Box/Folder 16 : 9

Equipment 1959 June 9-July 20, undated

Box/Folder 16 : 10

Missiles undated

Scope and Contents note

Includes the Polaris Missile.

Box/Folder 16 : 11

Miscellaneous undated

Scope and Contents note

Includes portraits of Fiedler and photographs of the Lockheed grounds.

Box/Folder 16 :

Miscellaneous undated

12-13

Scope and Contents note

Folder 12 includes photos of the Fi 256 plane, a group of WWII German officers, the John J. Montgomery award ceremony, and Fiedler with Manfred Hensel. Folder 13 includes photos of various unidentified planes and missiles.

Oversize Material 1936-1988, undated

Box/Folder 17 : 1,
Map case

Blueprints 1956-1970, undated

Scope and Contents note

Related to the development of Polaris, Modular Multipurpose Missiles, underwater launch, weapons systems, and sub designs. See also: Career File/Projects/Lockheed Missiles and Space Company.

Box/Folder 17 :
2-3

Experiment charts 1988

Scope and Contents note

Data charts on alpha decay for projects conducted with William Barker of Altran Corporation. See also: Career File/Projects/Altran Corporation.

Box/Folder 17 : 4

Diagrams 1980, undated

Scope and Contents note

Related to the development of missile capsules, sub designs, Trident II, and Modular Multipurpose Missiles. See also: Career File/Projects/Northrup Aircraft Inc., Lockheed Missiles and Space Company, and Missile Capsules.

Box/Folder 17 : 5

Graphs and charts 1987-1988, undated

Scope and Contents note

Related to projects on shelf deployment, STRAT-X, and alpha decay. See also: Career File/Projects/Lockheed Missiles and Space Company and Altran Corporation, and Subject File/William A. Barker.

Box/Folder 17 : 6

Miscellaneous 1962-1974

Scope and Contents note

Includes a periodic table of elements, organizational charts of Lockheed's leadership, and a historical map titled, "Segelflug auf der Wasserkuppe." In English and German.

Map case

Large blueprints 1936-1950s

Scope and Contents note

See also: Biographical File/Oxnard House Design, and Career File/Projects/British Aircraft Manufacturing Co. Ltd.

Map case

Large diagrams 1960s-1980s

Scope and Contents note

See also: Career File/Projects/Gerhard Fieseler Werke and Lockheed Missiles and Space Company. In English and German.