

MS-178, John J. Rose Papers

Collection Number: MS-178

Title: John J. Rose Papers

Dates: 1914-1983

Creator: Rose, John J., 1892-1988

Summary/Abstract: Rose was a self-educated engineer and inventor who worked primarily on aviation engine developments leading to a total of 17 patents of his own invention. During his career with the Air Force, he was associated with aviation propulsion systems at McCook Field's Experimental Test Center from 1917 until his retirement in 1962. His papers cover both personal and technical subjects, however, the bulk of the collection is devoted to work-related materials including blueprints, patents, working notes, photographs, and patents of his inventions. There are also materials that concern his family life, his involvement with his church, and his religious thought and his personal interests.

Quantity/Physical Description: 1.5 linear feet

Language(s): English

Repository:

Special Collections and Archives, Paul Laurence Dunbar Library, Wright State University, Dayton, OH 45435-0001, (937) 775-2092

Restrictions on Access: There are no restrictions on accessing material in this collection.

Restrictions on Use:

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Preferred Citation:

MS-178, John J. Rose Collection, Special Collections and Archives, University Libraries, Wright State University, Dayton, Ohio

Acquisition: The John J. Rose Collection was received from his estate in the fall of 1985.

Other Finding Aid: The finding aid is also available on Special Collections & Archives, Wright State University Libraries web site at

http://www.libraries.wright.edu/special/collection_guides/guide_files/ms178.pdf.

Related Material:

[MS-241 Frank Whittle Papers](#)

[MS-264 Herbert C. Osborne Papers](#)

[MS-297 Christopher J. Lake Aviation Collection](#)
[MS-304 Institute of Aeronautical Engineers Collection](#)
[MS-345 John William Miller Papers](#)
[MS-347 Richard Joseph Framme](#)
[MS-356 Curtiss Wright Engine Drawings](#)
[MS-370 Hugh Lippman Papers](#)

Processing Information: Finding aid reformatted and revised by Toni Vanden Bos, 2014.

Processed by: Stephen Kahn, circa 1988

Arrangement:

The collection is arranged into 3 series:

Series I: Personal Papers

Series II: Work Papers

Series III: Miscellaneous

Biographical Note:

John J. Rose was born in 1892, of Dutch parents. He completed school through the eighth grade. He served in World War I, training personnel in maintenance and operation of aviation engines, at the U.S. School of Military Aeronautics at Princeton University. He was associated with aviation propulsion systems in the Air Force from 1917 until his retirement in 1962. Joining the Air Force at McCook's Experimental Test Center as a Technician in the Power Plant Laboratory in 1919, he worked on aviation engine developments, leading to a total of 17 patents on his own inventions. He was awarded the Exceptional Citation, the highest Civil Service Award, in 1945, for his contributions to better aviation engines. He also received many other awards, one of which was the \$2,000 Special Act Award for making the rapid relight of flameouts in gas turbine engines possible. On his retirement in 1962, he held the post of Engineering Technician – ASNPPF, Propulsion Equipment Branch in the Flight Vehicle division under the Directorate of Operational Support Engineering. He died in 1988.

Scope and Content

The John J. Rose papers fall into two main categories: personal interests and work related subjects. The files cover the period of time between 1914 until a few years before his death in 1988. The personal series include his family history, biographic materials, his correspondence related to his religious interests, various newspaper articles and the outline for his book. The larger part of the collection is devoted to the series on his work. These files detail his accomplishments in the field of aviation. They contain work related correspondence from 1914 to 1962. They contain work agreements and assignments from 1928 until 1965. These files also contain detailed notes, photographs and reports on the various projects that Rose was involved in from 1927 through 1959. The final series, Miscellaneous, consists of pamphlets, an address book and two audio tapes of Rose speaking.

Subject Terms:

Persons/Families

Rose, John J., 1892-1988

Places

McCook Field (Ohio)

Subjects (General)

Aeronautics – Research

Material Types

Blueprints

Patents

Photographs

Audiotapes

Occupations

Engineer

Inventor

Collection Inventory

Series I: Personal			
Sub-series A: Biography			
<u>Box</u>	<u>File</u>	<u>Description</u>	<u>Date</u>
1	1	Biography and Family History	1917-1988
	2	Biographical Photographs	Circa 1900-1983
	3	Awards: Organizations and Special Awards	1942-1980
	4	Newspaper Articles	1960-1988
Sub-series B: Interests			
<u>Box</u>	<u>File</u>	<u>Description</u>	<u>Date</u>
1	5	Personal Correspondence	1928-1983
	6	Tornado Attacks and other Inventions	1974-1981
	7	Personal Religious Thoughts	1978-1981
	8	Western Theological Seminary	1976-1981
	9	South Park United Methodist Church	1962-1981
Sub-series C: Book			
<u>Box</u>	<u>File</u>	<u>Description</u>	<u>Date</u>
1	10	Various Outlines for Future Book on John J. Rose	Circa 1980

Series II: Work			
Sub-series A: Projects			
<u>Box</u>	<u>File</u>	<u>Description</u>	<u>Date</u>
2	11	McCook Field Reports	1927-1956
	12	Ignition Distributor Improvement	1940
	13	Engine Analyzer	1946
	14	Interrupter Igniter Plug	1950
	15	High Tension Ignition Harness for R 4360-41 Engines	1947-1951
	16	High Tension Ignition Harness for R 4360-41 Engines	1952-1961
	17	Ultra Violet Radiation Detector	1952
	18	Moisture Elimination in B-50 Magnetos	1954
	19	Ignition Improvements for R-3300 Engines	1954
	20	Boeing Ignition Tests	1954
	21	Flight Tests High Altitude Ignition	1952
	22	Torch Ignition Studies	1956
	23	Rapid Relight J-57 Project	1959
	24	Continuous Ignition	1961
	25	Various Projects Blueprints & Photographs	
Sub-series B: Patents			
<u>Box</u>	<u>File</u>	<u>Description</u>	<u>Date</u>
3	26	Assignments & Agreements	1923-1939
	27	Assignments & Agreements	1940-1942
	28	Assignments & Agreements	1943-1947
	29	Assignments & Agreements	1948-1955
	30	Assignments & Agreements	1956-1960
	31	Assignments & Agreements	1961-1973
	32	Radial Engine Compensation	
Sub-series C: Work Related Documents			
<u>Box</u>	<u>File</u>	<u>Description</u>	<u>Date</u>
4	33	Miscellaneous Correspondence Reports Technical Photograph Bulletins Memoranda Diagrams Charts	1914-1941

4	34	Miscellaneous	1942
	35	Miscellaneous	1943-1952
	36	Miscellaneous	1953-1966
	37	Letters of Patent	1932-1942
	38	Letters of Patent	1943-1946
Series III: Miscellaneous Items			
<u>Box</u>	<u>File</u>	<u>Description</u>	<u>Date</u>
4	39	Pamphlets & Address Book	1972, 1976, 1981
	40	2 Audio Tapes of John Rose(one is labeled at South Park United Methodist Church)	1979