

MS-433, Reinhold Gross Collection

Collection Number: MS-433

Title: Reinhold Gross Collection

Dates: 1952-1972

Creator: Reinhold Gross

Summary/Abstract: Reinhold Gross was a mechanical engineer who specialized in parachutes and related equipment. Researchers studying his collection of papers can gain insight into aviation engineering during the middle of the 20th century, particularly in Dayton (Ohio). His papers include patents, blueprints, certificates, photographs, correspondence, technical reports, and newspaper clippings.

Quantity/Physical Description: .5 Linear Feet

Language(s): English

Repository:

Special Collections and Archives, Paul Laurence Dunbar Library, Wright State University, Dayton, OH 45435-001, (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:

(Box Number, Folder Number), MS-433, Reinhold Gross Collection, Special Collections and Archives, University Libraries, Wright State University, Dayton, Ohio.

Acquisition: The collection was donated to Special Collections & Archives by Reinhold Gross's daughter, Reinhilde Gross Loomis, on October 27, 2010.

Related Material: MS-310, Dave Gold Parachute Collection

Processed by: Jeremy Katz, June 2011

Arrangement: The Reinhold Gross Collection is arranged into twelve folders according to topic and format.

Biographical/Historical Note

Reinhold Gross was born in Stuttgart, Germany, on March 5, 1911. He was educated in Stuttgart and received the equivalent to a B.S. in Mechanical Engineering in 1942. After working on parachutes and related equipment during World War II, Gross immigrated to the United States and worked for over thirty years in the Dayton, Ohio, area as an engineer.

During his more than thirty year career as an engineer, Gross authored or co-authored a number of technical reports and gave presentations at various symposiums. He was also inventor or co-inventor of a number of patents related to aviation, particularly parachutes and safety lowering devices. Much more about Gross' career can be found by reading his resume, which is located in the collection.

Scope and Content

The collection is arranged into files by type of material.

Subject Terms

Persons/Families

Reinhold Gross

Places

Dayton (Ohio)

Wright-Patterson Air Force Base (Ohio)

Subjects (General)

Parachutes--Materials--Testing

Aviation

Engineering

Material Types

Patents

Blueprints

Certificates

Photographs

Correspondence

Technical Reports

Newspaper Clippings

Occupations

Engineer

Collection Inventory

<u>Box</u>	<u>File</u>	<u>Description</u>	<u>Date</u>
1	1	Resume	Circa 1970
	2	Patents	Aug. 23, 1952
	3	Packing Instructions 32 ft. Diameter Vortex Ring Parachute (Pioneer Parachute Co.)	Sep. 15, 1959
	4	Packing Instructions 4 ft. Diameter Guide Surface Canopy (Standard Coil Production Co.)	Sep. 22, 1955
	5	Layout of Gemini and Apollo Earth Landing Systems	July 6, 1965
	6	Photographs of Gross	Oct. 1960, Undated
	7	Awards and Certificates	1959-1971, Undated
	8	Correspondence	1954, 1956
	9	Newspaper Clippings	1970, 1971, Undated
	10	Photograph Album	1956, Undated
	11	Photograph Album	1954, Undated
	12	Memory Roll invention description and blueprints (See Location 47, File 10)	June 1, 1955