



# Smithsonian

*National Air and Space Museum*

Hans von Ohain Collection

2002

National Air and Space Museum Archives  
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<https://airandspace.si.edu/archives>

# Table of Contents

Collection Overview .....	1
Administrative Information .....	1
Scope and Contents.....	1
Biographical / Historical.....	1
General.....	2
Names and Subjects .....	2
Container Listing .....	

## Collection Overview

<b>Repository:</b>	National Air and Space Museum Archives
<b>Title:</b>	Hans von Ohain Collection
<b>Date:</b>	[ca. 1930s-1980s]
<b>Identifier:</b>	NASM.1995.0059
<b>Creator:</b>	von Ohain, Hans
<b>Extent:</b>	20.03 Cubic feet ((17 records center boxes) (1 flatbox) (3 tubes))
<b>Language:</b>	English .

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## Administrative Information

### Acquisition Information

Hans von Ohain, Gift, 1995, 1995-0059, NASM

### Restrictions

No restrictions on access

### Conditions Governing Use

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## Biographical / Historical

Hans von Ohain is the developer of the first turbojet engine used in flight and is a renowned expert in the field of propulsion and energy conversion. Von Ohain received a doctorate in Physics and Allied Mechanics in 1935 at the University of Goettingen, Germany, and was employed by Ernst Heinkel during the 1930s. In 1939 the first turbojet flight took place with the flight of the Heinkel He 178, which had the He S 3B engine. Two years later, von Ohain developed the He S 8A, which was the first jet fighter aircraft. In 1947 von Ohain came to the United States and became a research scientist at Wright-Patterson Air Force Base in Ohio. In 1963 he became chief scientist of the Aerospace Research Laboratory and in 1975, chief scientist of the Aero Propulsion Laboratory. After retiring in 1979, von Ohain served as Professor of Mechanical Engineering at the University of Dayton and as a consultant to both government and industry. Von Ohain has published more than 30 technical papers and has registered 19 United States patents.

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## Scope and Contents

This collection documents Hans von Ohain's professional career in propulsion. While there is documentation on both his work in Germany and the United States, the majority of the collection covers his career in the latter -- especially his positions at Wright-Patterson Air Force Base. The following types of material are included: magazine articles written by, or about, von Ohain; engine manufacturing brochures; awards and

recommendations for von Ohain; books; drawings of the He S 3B turbojet engine; photographs; flow charts; correspondence; and historical papers.

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## General

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## Names and Subject Terms

This collection is indexed in the online catalog of the Smithsonian Institution under the following terms:

### Subjects:

- Aeronautics
- Aeronautics -- Research
- Aeronautics, Commercial
- Aeronautics, Military
- Airplanes
- Airplanes -- Jet propulsion
- Heinkel He 178
- Heinkel He S3B Turbojet (engine)
- Heinkel He S8 (109-011) Turbojet (engine)
- Jet propulsion

### Types of Materials:

- Awards
- Brochures
- Clippings
- Correspondence
- Drawings
- Photographs
- Publications

### Names:

- Aerospace Research Laboratories (U.S.)
- Wright-Patterson Air Force Base (Ohio)
- von Ohain, Hans