



Smithsonian

National Air and Space Museum

V-2 Power Plant and Rocket Engine Drawings

updated by Patti Williams, 2022

2002

National Air and Space Museum Archives
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Collection Overview

Repository:	National Air and Space Museum Archives
Title:	V-2 Power Plant and Rocket Engine Drawings
Date:	1943-1945
Identifier:	NASM.1987.0089
Extent:	1.09 Cubic feet ((1 records center box))
Language:	German .
Summary:	This collection consists of a complete set of production blueprints for the V-2 rocket powerplant and directly related accessories.

Administrative Information

Acquisition Information

NASM SS&E, Transfer, 1987, NASM.1987.0089

Processing Information

Updated by Patti Williams, 2022.

Preferred Citation

V-2 Power Plant and Rocket Engine Drawings, NASM.1987.0089, National Air and Space Museum, Smithsonian Institution

Restrictions

ITAR-controlled technical data.

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Biographical / Historical

The V-2 was a short-range ballistic missile designed by Germany for use against Southern England in 1944-45. The missile carried a 2000 lb. (910 kg) conventional warhead at supersonic speeds. The vehicle was fueled with sufficient alcohol and liquid oxygen for c.65 seconds of powered flight, giving a maximum range, including unpowered ballistic trajectory, of c.220 miles (352 km). A number of V-2s were captured intact by the Allies and used for rocketry experiments in the late 1940s. In addition, the V-2 design team, headed by Werner von Braun, was captured by the United States Army and returned to the United States, where it formed the core of the Army Ballistic Missile Agency and National Aeronautics and Space Administration launch vehicle design teams.

Scope and Contents

This collection consists of engineering drawings for the V-2. The material consists of a complete set of production blueprints for the V-2 rocket powerplant and directly related accessories. The drawings are identified as 'Engineering Records File Copy' (in English).

Arrangement

Arranged by drawing size.

General

Access note: Only eight of the drawings have been translated.

General

NASMrev

Names and Subject Terms

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

Subjects:

- Aeronautics
- Aeronautics, Military
- Ballistic missiles
- Rocketry
- Rockets (Aeronautics)
- V-2 rocket
- World War, 1939-1945

Types of Materials:

- Blueprints
- Drawings

Names:

- Von Braun, Wernher, 1912-1977

Container Listing

11x14 material

Box 1114-0001

Box 1114-0001, Folder 1	Junkers (11x14 fldr 1/1)
Box 1114-0001, Folder 2	Messerschmitt (11x14 fldr 1/2)
Box 1114-0001, Folder 3	Messerschmitt (11x14 fldr 2/2)
Box 1114-0001, Folder 4	Peenemünde (11x14 fldr 1/6)
Box 1114-0001, Folder 5	Peenemünde (11x14 fldr 2/6)
Box 1114-0001, Folder 6	Peenemünde (11x14 fldr 3/6)
Box 1114-0001, Folder 7	Peenemünde (11x14 fldr 4/6)
Box 1114-0001, Folder 8	Peenemünde (11x14 fldr 5/6)
Box 1114-0001, Folder 9	Peenemünde (11x14 fldr 6/6)
Box 1114-0001, Folder 10	V.f.K. (11x14 fldr 1/1)
Box 1114-0001, Folder 11	172 series drawings (11x14 fldr 1/1)

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14x18 material

Box 1418-0001

Box 1418-0001, Folder 1	BMW (14x18 fldr 1/1)
Box 1418-0001, Folder 2	Junkers (14x18 fldr 1/1)
Box 1418-0001, Folder 3	L'Orange (14x18 fldr 1/2)
Box 1418-0001, Folder 4	L'Orange (14x18 fldr 2/2)
Box 1418-0001, Folder 5	Messerschmitt (14x18 fldr 1/3)
Box 1418-0001, Folder 6	Messerschmitt (14x18 fldr 2/3)
Box 1418-0001, Folder 7	Messerschmitt (14x18 fldr 3/3)
Box 1418-0001, Folder 8	Peenemünde (14x18 fldr 1/4)
Box 1418-0001, Folder 9	Peenemünde (14x18 fldr 2/4)
Box 1418-0001, Folder 10	Peenemünde (14x18 fldr 3/4)
Box 1418-0001, Folder 11	Peenemünde (14x18 fldr 4/4)
Box 1418-0001, Folder 12	Steinheil (14x18 fldr 1/2)
Box 1418-0001, Folder 13	Steinheil (14x18 fldr 2/2)
Box 1418-0001, Folder 14	V.f.K (14x18 fldr 1/1)
Box 1418-0001, Folder 15	172 series drawings (14x18 fldr 1/1)

Box 1418-0001,
Folder 16

miscellaneous drawings (14x18 fldr 1/1)

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20x24 material

Box 2024-0001

Box 2024-0001, Folder 1	Junkers (20x24 fldr 1/1)
Box 2024-0001, Folder 2	L'Orange (20x24 fldr 1/2)
Box 2024-0001, Folder 3	L'Orange (20x24 fldr 2/2)
Box 2024-0001, Folder 4	Messerschmitt (20x24 fldr 1/2)
Box 2024-0001, Folder 5	Messerschmitt (20x24 fldr 2/2)
Box 2024-0001, Folder 6	Peenemünde (20x24 fldr 1/5)
Box 2024-0001, Folder 7	Peenemünde (20x24 fldr 2/5)
Box 2024-0001, Folder 8	Peenemünde (20x24 fldr 3/5)
Box 2024-0001, Folder 9	Peenemünde (20x24 fldr 4/5)
Box 2024-0001, Folder 10	Peenemünde (20x24 fldr 5/5)
Box 2024-0001, Folder 11	Rheinmetall-Borsig (20x24 fldr 1/1)
Box 2024-0001, Folder 12	V.f.K (20x24 fldr 1/1)

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24x36 material

Drawer 2436-0001

Drawer 2436-0001, Folder 1	BMW (24x36 fldr 1/1)
Drawer 2436-0001, Folder 2	Horten (24x36 fldr 1/1)
Drawer 2436-0001, Folder 3	Junkers (24x36 fldr 1/1)
Drawer 2436-0001, Folder 4	L'Orange (24x36 fldr 1/5)
Drawer 2436-0001, Folder 5	L'Orange (24x36 fldr 2/5)
Drawer 2436-0001, Folder 6	L'Orange (24x36 fldr 3/5)
Drawer 2436-0001, Folder 7	L'Orange (24x36 fldr 4/5)
Drawer 2436-0001, Folder 8	L'Orange (24x36 fldr 5/5)
Drawer 2436-0001, Folder 9	Messerschmitt (24x36 fldr 1/3)
Drawer 2436-0001, Folder 10	Messerschmitt (24x36 fldr 2/3)
Drawer 2436-0001, Folder 11	Messerschmitt (24x36 fldr 3/3)
Drawer 2436-0001, Folder 12	Peenemünde (24x36 fldr 1/8)
Drawer 2436-0001, Folder 13	Peenemünde (24x36 fldr 2/8)
Drawer 2436-0001, Folder 14	Peenemünde (24x36 fldr 3/8)
Drawer 2436-0001, Folder 15	Peenemünde (24x36 fldr 4/8)

Drawer 2436-0001,
Folder 16

Peenemünde (24x36 fldr 5/8)

Drawer 2436-0001,
Folder 17

Peenemünde (24x36 fldr 6/8)

Drawer 2436-0001,
Folder 18

Peenemünde (24x36 fldr 7/8)

Drawer 2436-0001,
Folder 19

Peenemünde (24x36 fldr 8/8)

Drawer 2436-0001,
Folder 20

Steinheil (24x36 fldr 1/1)

Drawer 2436-0001,
Folder 21

V.f.K. (24x36 fldr 1/1)

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36x48 material

Drawer 3648-0001

Drawer 3648-0001, Folder 1	BMW (36x48 fldr 1/1)
Drawer 3648-0001, Folder 2	Horten (36x48 fldr 1/1)
Drawer 3648-0001, Folder 3	Junkers (36x48 fldr 1/1)
Drawer 3648-0001, Folder 4	L'Orange (36x48 fldr 1/3)
Drawer 3648-0001, Folder 5	L'Orange (36x48 fldr 2/3)
Drawer 3648-0001, Folder 6	L'Orange (36x48 fldr 3/3)
Drawer 3648-0001, Folder 7	Messerschmitt (36x48 fldr 1/1)
Drawer 3648-0001, Folder 8	Peenemünde (36x48 fldr 1/8)
Drawer 3648-0001, Folder 9	Peenemünde (36x48 fldr 2/8)
Drawer 3648-0001, Folder 10	Peenemünde (36x48 fldr 3/8)
Drawer 3648-0001, Folder 11	Peenemünde (36x48 fldr 4/8)
Drawer 3648-0001, Folder 12	Peenemünde (36x48 fldr 5/8)
Drawer 3648-0001, Folder 13	Peenemünde (36x48 fldr 6/8)
Drawer 3648-0001, Folder 14	Peenemünde (36x48 fldr 7/8)
Drawer 3648-0001, Folder 15	Peenemünde (36x48 fldr 8/8)

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24x72 material

Drawer 2472-0001

Drawer 2472-0001,
Folder 1 Messerschmitt (36x48 fldr 1/1)

Drawer 2472-0001,
Folder 2 Peenemünde (36x48 fldr 1/4)

Drawer 2472-0001,
Folder 3 Peenemünde (36x48 fldr 2/4)

Drawer 2472-0001,
Folder 4 Peenemünde (36x48 fldr 3/4)

Drawer 2472-0001,
Folder 5 Peenemünde (36x48 fldr 4/4)

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