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National Air and Space Museum

Jet Propulsion Laboratory (JPL) Ballistic Missile Technical Report Collection

2001

National Air and Space Museum Archives
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Collection Overview

Repository:	National Air and Space Museum Archives
Title:	Jet Propulsion Laboratory (JPL) Ballistic Missile Technical Report Collection
Date:	1949-1951
Identifier:	NASM.1996.0032
Creator:	Stewart, John L.
Extent:	0.45 Cubic feet ((1 legal document box))
Language:	English .

Administrative Information

Acquisition Information

John L. Stewart, gift, 199, 1996-0032, unknown

Restrictions

No restrictions on access

Conditions Governing Use

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Biographical / Historical

John L. Stewart worked as an electrical engineer for the Army's Jet Propulsion Laboratory between 1949 and 1951. While at JPL, Stewart was directly involved with research and development, construction, and testing of ballistic missile projects, including the 'Corporal', 'Sergeant' and 'Hermes' missile projects. The 'Corporal' was the first ballistic missile developed by the United States. Controlled by a command guidance system, the surface-to-surface missile had a range of approximately 75 miles at about Mach 3. It was eventually replaced by the 'Sergeant' missile. 'Hermes' was the Army program which involved testing operations using captured V-2 rockets.

Scope and Contents

The collection consists of a set of three volumes of reports pertaining to the design and construction of guidance and related apparatus for the Army's Corporal, Sergeant, and Hermes projects. The reports contain detailed technical information accompanied by calculations, graphs, drawings, and some photographs (in volume 2). The three volumes are divided as follows: 1) October, 1949- January, 1950; 2) January, 1950 - September, 1950; 3) (?)February, 1951 - (?)May, 1951. There is a table of contents included at the beginning of each of the three volumes.

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
- V-2 rocket

Types of Materials:

- Reports

Names:

- "Corporal" missile project
- "Hermes" missile project
- "Sergeant" missile project
- Jet Propulsion Laboratory. University of California.
- Stewart, John L.