



# Smithsonian

*National Air and Space Museum*

## Weber Project 90 Test Footage

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2018

National Air and Space Museum Archives  
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# Table of Contents

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

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## Collection Overview

<b>Repository:</b>	National Air and Space Museum Archives
<b>Title:</b>	Weber Project 90 Test Footage
<b>Date:</b>	1965-1966
<b>Identifier:</b>	NASM.2018.0073
<b>Creator:</b>	Weber Aircraft Company
<b>Extent:</b>	0.2 Cubic feet (3 reels)
<b>Language:</b>	English .
<b>Summary:</b>	The Zero-Zero (zero altitude and zero air speed) ejection seat was developed by Weber Aircraft Company for Project Gemini spacecraft and was adapted for the Convair F-106A and F-106B Delta Dart. This collection consists of three reels of 16mm film pertaining to Weber Aircraft's Project 90 test flight and the Zero-Zero ejection seat.

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## Administrative Information

### Acquisition Information

Martha J. James, Gift, 2018, NASM.2018.0073

### Processing Information

Arranged and described (2018) and encoded (2020) by Jessamyn Lloyd.

### Preferred Citation

Weber Project 90 Test Footage, NASM.2018.0073, National Air and Space Museum, Smithsonian Institution.

### Restrictions

No restrictions on access

### Conditions Governing Use

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## Biographical / Historical

The Zero-Zero (zero altitude and zero air speed) ejection seat was developed by Weber Aircraft Company for Project Gemini spacecraft and was adapted for the Convair F-106A and F-106B Delta Dart. The main design team responsible for the seat consisted of Ed James, John Tuner, and Wally Ziegler. In 1965, Weber decided to do to a live test of the seat, a program dubbed Project 90, with Major Jim Hall acting as the subject. Hall reached an altitude of approximately 400 feet before landing safely in a lake.

## Scope and Contents

This collection consists of three reels of 16mm film pertaining to Weber Aircraft's Project 90 test flight and the Zero-Zero ejection seat. The first film, dated 1965 with a runtime of approximately 21 minutes, is a promotional documentary about the seat showing various tests of the Zero-Zero and other Weber ejection seats. The second film, also from 1965 with a runtime of almost 16 minutes, is a promotional documentary about the first live test by Major Jim Hall of the Zero-Zero ejection seat showing preparation for the test as well as an interview with Hall afterwards. The third film, dated June 15, 1966 with a runtime of just over seven minutes, shows air drop tests of the Zero-Zero ejection seat.

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## Arrangement

Collection is in original order.

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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
- Pilot ejection seats

Types of Materials:

- Moving images