



Smithsonian

National Air and Space Museum

Wright Model B Modified Flyer

2002

National Air and Space Museum Archives
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Collection Overview

Repository:	National Air and Space Museum Archives
Title:	Wright Model B Modified Flyer
Identifier:	NASM.XXXX.0460
Date:	1976
Creator:	Fairmont East High School, Kettering, Ohio Fairmont West High School, Kettering, Ohio
Extent:	0.22 Cubic feet ((1 flatbox))
Language:	English .

Administrative Information

Acquisition Information

No donor information, Gift, unknown, XXXX-0460, unknown

Restrictions

No restrictions on access

Conditions Governing Use

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Biographical / Historical

The Wright Model B was a one-man machine built by Wilbur and Orville Wright to be used for exhibition work. With a maximum length of 31 feet, maximum breadth of 39 feet and supporting surface of 500 square feet, its total weight was 1250 lbs. including aviator and passenger. The Model B's motor was a 30-35 h.p. 4 cylinder one. This set of drawings was a bicentennial project done in 1976 by members of the drafting departments of Fairmont East and Fairmont West High Schools in Kettering, Ohio.

Scope and Contents

There are 73 drawings including a 3 view assembly, front view, side view, top view and tail section as well as 22 drawings of wing details (including engine mounts, seats, etc.); 6 drawings of tail details; 7 drawings of horizontal stabilizer and bellcrank details; 5 drawings of rudder details; 8 drawings of landing gear, 2 drawings of front skid assembly; 13 drawings of control assembly; 4 drawings of radiator details and one drawing of the fuel tank.

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 -- 1903-1916
- Aeronautics -- Exhibitions
- Airplanes
- Airplanes -- Design and construction
- Wright (Co) Model B

Types of Materials:

- Drawings

Names:

- Wright, Orville, 1871-1948
- Wright, Wilbur, 1867-1912