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National Air and Space Museum

Aviation Technical Manuals [Wilbur]

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Collection Overview

Repository:	National Air and Space Museum Archives
Title:	Aviation Technical Manuals [Wilbur]
Date:	1940–1944
Identifier:	NASM.2006.0003
Extent:	.39 Cubic feet (One letter document box.)
Language:	English .
Summary:	This donation consists of the following manuals and related training materials for Airplanes Army Models C-47, C-47A, C-47B, Navy Models R4D-1, R4D-5, R4D-6, R4D-7, British Models, Dakota I, III, IV, 1940-1943.

Administrative Information

Acquisition Information

Jay Wilbur, Gift, 2005, NASM.2006.0003

Processing Information

Arranged, described, and encoded by Patti Williams, 2023.

Preferred Citation

Aviation Technical Manuals [Wilbur], NASM.2006.0003, National Air and Space Museum, Smithsonian Institution.

Restrictions

No restrictions on access

Conditions Governing Use

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Biographical / Historical

Manufacturers and operators of aircraft and equipment produce large numbers of manuals for their air and ground crews. These manuals generally cover all phases of operation, from assembling the newly-purchased aircraft, operation and maintenance of the equipment, to storage of the equipment. Manuals are updated (revised) as new procedures are developed or modifications are made to existing models. New subtypes generally receive new manuals, although subtypes with the same procedures are generally grouped into the same manual, with new models being added in revisions.

Scope and Contents

This donation consists of the following manuals and related training materials: Erection and Maintenance Instructions for Airplanes Army Models C-47, C-47A, C-47B, Navy Models R4D-1, R4D-5, R4D-6, R4D-7, British Models, Dakota I, III, IV, 15 October 1944, revised September 1945; Airplane Structures, Nov. 1940, TM 1-410; Maintenance Inspection Record, Army Air forces Form, No. 41-B, for a Boeing B-29A; Aircraft Welding Specialist Information Guide, Technical Order 30-30A-1, March 25, 1943; Pilot's Radio Manual, Civil Aeronautics Bulletin No. 29, September 1940; Aerodynamics for Pilots, by Bradley Jones, Civil Aeronautics Bulletin No. 26, September 1940; Aircraft Sheet Metal Surface Repair Training Guide, TO. no. 30-20A-1, October 15, 1943; The Visual Inspection System,"Technical Order, NO. 00-20A; and notes and training material from the Superfortress School at Boeing Aircraft Company, 30 April, 1945.

Arrangement

No arrangement.

Names and Subject Terms

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

Subjects:

Aeronautics

Types of Materials:

Technical manuals -- 20th century

Container Listing

Training Manuals

Aerodynamics for Pilots, 9/1/1940

Notes: CAB 26

Aircraft Sheet Metal Surface Repair Training Guide, 10/15/1943

Image(s): [\[NASM.2006.0003\] NASM-Manual-000076236](#)

Notes: T.O. No. 30-20A-1

Aircraft Welding Specialist: Handbook Information Guide, 3/25/1943

Image(s): [NASM.2006.0003\] NASM-Manual-000076237](#)

Notes: TO 30-30A-1

Pilot's Radio Manual, 9/1/1940

Notes: CAB 29

Airplane Structures, 10/29/1941

Notes: TM 1-410

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Erection and Maintenance Manuals

Erection and Maintenance Instructions for Airplanes Army Models [Douglas] C-47, C-47A, C-47B; Navy Models R4D-1, R4D-5, R4D-6, R4D-7; British Models Dakota I, Dakota III, Dakota IV, 9/20/1945

Image(s): [\[NASM.2006.0003\] NASM-Manual-000076211](#)

Notes: AN 01-40NC-2

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Inspection Manual

Visual Inspection System for Airplanes, 6/29/1937

Digital Content: [\[NASM.2006.0003\] NASM-Manual-000076241](#)

Notes: TO 00-20A-1

Army Air Forces Visual Inspection System for Airplanes, 11/1/1940

Image(s): [\[NASM.2006.0003\] NASM-Manual-000076240](#)

Notes: TO 00-20A

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