

Home Page

The screenshot shows the FAA website's 'Aviation Handbooks & Manuals' page. At the top, there is a navigation bar with links for 'FAA Home', 'Jobs', 'News', 'About FAA', 'A-Z Index', and a 'FAA for You ...' button. A search bar is also present. Below the navigation bar, a breadcrumb trail reads 'FAA Home > Regulations & Policies > Handbooks & Manuals > Aviation'. The main content area features a table titled 'Aviation Handbooks & Manuals' with columns for 'Title', 'Publication Date', and 'Change/Add. Date'. The table lists several documents, including the 'Advanced Avionics Handbook' (2009), 'Advanced Avionics Handbook Errata Sheet (PDF)' (2009), 'Aerodynamics for Navy Aviators (PDF)' (Jan 1965), 'Aeronautical Information Manual', 'Aeronautical Information Manual (PDF)', 'Air Quality Handbook', and 'Airplane Flying Handbook (FAA-H-8083-3B)' (2016). To the right of the table, there is a 'Top Tasks' section with links to read or download various manuals and search FSIMS. A disclaimer states: 'Any reproduction or modification of this material from original FAA source material is solely the responsibility of the publisher.'

Title	Publication Date	Change/Add. Date
Advanced Avionics Handbook	2009	
Advanced Avionics Handbook Errata Sheet (PDF)	2009	11/17/2014
Aerodynamics for Navy Aviators (PDF)	Jan 1965	
Aeronautical Information Manual		
Aeronautical Information Manual (PDF)		
Air Quality Handbook		
Airplane Flying Handbook (FAA-H-8083-3B)	2016	

Logo



URL

https://www.faa.gov/regulations_policies/handbooks_manuals/aviation/

Subject

Aviation—United States--Handbooks, manuals etc.

Accessibility

Free

Language

English

Publisher

Federal Aviation Administration, Department of Transportation, U.S Government.

Brief History

The Federal Aviation Administration (FAA) has the mission is to provide the safest, most efficient aerospace system in the world. To provide important knowledge on the aerospace system, FAA issued a flight standards handbook bulletin in 1999. After this work the FAA also created some other related handbooks and manuals which specify the technical knowledge regarding the subject. In 2014 FAA issued an updated version of its AIP Program Handbook and all other handbooks and accommodated all those under the FAA website. All those handbooks and manuals are in the pdf form.

Scope and Coverage

The Aviation Handbooks & Manuals covers lots of handbooks and manuals on the subjects namely “Aircraft”, “Aviation”, and “Examiners and Inspector”. Aircraft handbooks and manuals are the following:

- IR-M 8040-1C, Airworthiness Directives Manual
- Amateur-built Aircraft & Ultra light Flight Testing Handbook
- Aviation Maintenance Technician Handbook – General
- Aviation Maintenance Technician Handbook-Airframe
- FAA-H-8083-32, Aviation Maintenance Technician Handbook-Power plant Volume 1
- FAA-H-8083-32, Aviation Maintenance Technician Handbook-Power plant Volume 2
- Balloon Flying Handbook
- Balloon Flying Handbook Addendum
- Glider Flying Handbook
- Glider Flying Handbook Errata Sheet
- FAA-H-8083-21, Rotorcraft Flying Handbook

Aviation Handbooks & Manuals are:

- Advanced Avionics Handbook
- Aerodynamics for Navy Aviators
- Aeronautical Information Manual
- Aeronautical Information Manual
- Air Quality Handbook
- Airplane Flying Handbook (FAA-H-8083-3B)
- Airship Pilot Manual
- Airship Aerodynamics Technical Manual
- Aviation Instructor's Handbook
- Aviation Instructor's Handbook Errata Sheet
- Helicopter Flying Handbook
- Flight Navigator Handbook
- Instrument Flying Handbook
- Instrument Procedures Handbook
- Risk Management Handbook

Examiner & Inspector Handbooks & Manuals are:

- Flight Standards Information Management System (FSIMS)
- Designee Management Handbook
- General Aviation Airman Designee Handbook
- Guide for Aviation Medical Examiners

Kind of Information

This site under Federal Aviation Administration, U.S. Department of Transportation contains above 30 handbooks and manuals all of which contain variety of information on the topics related to aircrafts, aviations and others. The following two examples show how the mentioned handbooks provide different kinds of information on a given topic.

The Aviation Maintenance Technician Handbook, vol. 1 provides information on aircraft structures, aerodynamics, aircraft assembly, and rigging, aircraft fabric covering, aircraft metal structural repair, aircraft welding, aircraft wood and structural repair, advanced composite material, aircraft painting and finishing, aircraft electrical system and finally the glossary & index. The **vol. 2** of this handbook provides information on the topics like: Aircraft Instrument Systems, communication and navigation, Hydraulic and Pneumatic Power Systems, Aircraft Landing Gear Systems Aircraft Fuel System, Ice and Rain Protection, Cabin Environmental Control Systems, Fire Protection Systems Glossary & Index.

The Advanced Avionics Handbook contains introduction to advanced avionics, and then provides information on electronic flight instruments, navigation, automated flight control, information systems, and finally provides an essential skills checklist for each previously mentioned chapters and the glossary of aviation related terms.

Like the above handbooks, all other handbooks and manuals are also enriched with lots of information regarding the topics.

Special Features

- Many of the handbooks in this website contain indexes and glossaries.
- The handbooks contain many drawings, charts, etc. appropriate for the given topics.
- Along with this handbook collection, the site provides answers of many frequently asked questions generally arise about the topic like aviation, aircrafts etc.
- There are some important links to US government sites like: Transportation.gov, USA.gov, Plainlanguage.gov, Regulations.gov, and Data.gov.

Arrangement Pattern

The handbook and manuals are categorically arranged. The categories are Aircraft, Aviation and Examiner & Inspector. Under each of these categories the handbooks and manuals are arranged topic wise.

Remarks

This handbook collections provides basic and ready-to-use information on the aerospace system and the FAA creates a compendium of knowledge which helps a lot the aerospace professionals and new comers in that field.

Comparable Tools

- Handbook of Business Aviation
(http://www.handbook.aero/hb_front.html)
- Airport Handbook

(<https://www.nbaa.org/business-aviation/airports-handbook/>)

- Aviation Training Handbooks
(<http://avstop.com/AC/Index.html>)
- Australian Government Civil Aviation Safety Authority Manuals and Handbooks
(<https://www.casa.gov.au/publications-and-resources/landing-page/manuals-and-handbooks>)

Date of Access

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