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# Aviation Maintenance Technician Handbook—Airframe: FAA-H-8083-31 Volume 1 (FAA Handbooks Series)



## Synopsis

This new FAA AMT Handbook&#151;Airframe Volume 1 is one of two volumes that replace and supersede Advisory Circular (AC) 65-15A. Completely revised and updated, this handbook reflects current operating procedures, regulations, and equipment. This book was developed as part of a series of handbooks for persons preparing for mechanic certification with airframe or powerplant ratings, or both &#151; those seeking an Aviation Maintenance Technician (AMT) Certificate, also called an A&P license. An effective text for both students and instructors, this handbook will also serve as an invaluable reference guide for current technicians who wish to improve their knowledge. Airframe Volume 1 contains: Aircraft Structures, Aerodynamics, Aircraft Assembly and Rigging, Aircraft Fabric Covering, Aircraft Metal Structural Repair, Aircraft Welding, Aircraft Wood and Structural Repair, Advanced Composite Materials, Aircraft Painting and Finishing, Aircraft Electrical System. Includes colored charts, tables, full-color illustrations and photographs throughout, and an extensive glossary and index.

## Book Information

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Average Customer Review: 4.5 out of 5 starsÂ Â See all reviewsÂ (33 customer reviews)

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## Customer Reviews

Great information. I bought the series to gain more knowledge about planes. This book is geared to future mechanics and goes into much detail. I enjoyed learning of the little details that go into pane design. Good series of books!

This is the First Book of two for Airframe. It is pretty much everything you need to know about doing a multitude of maintenance procedures. This is the reference to basic Aviation standards that the FAA requires for getting licensed.

As I reviewed for volume two, these books are great for studying for the A&P exams. All of them are well illustrated with color pictures and great information. I purchased the three books in this series and the Advisory circular AC43.13 . Now I am well prepared for the exams. The great thing about these books is that they are put out by the FAA so all the questions will come from these books and they are VERY reasonably priced.

Excellent overview of language used with definitions and examples. I used it to help create an Aviation English curriculum. For someone without a grasp of basic principles and in need of introduction to the subject, this book does the trick.

This book has great pictures in color. I bought these as a reference to learn about different components that are on an aircraft. I am a design engineer and books like these are of great interest to me.

This books is very well presented. Whilst you can get it free of charge from the FAA I like having the book to read from, and it would cost more to print the whole thing in color. I look forward to working my way through the book as my training progresses.

I've read this manual directly off the FAA.gov website.... Not sure why it's for sale in digital format, it's available online for free from: [...]That said, it's not EVERYTHING you'll need for your A&P but it's a great start!

I am a instructor at a community college and I teach aircraft maintenance. These books are available as E books but I like the printed version to use as a teaching tool. The pictures and print are very crisp and sharp easy to read and use.

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FAA-H-8083-32 Volume 1 / Volume 2 (FAA Handbooks series) Aviation Maintenance Technician Handbook; General: FAA-H-8083-30 (FAA Handbooks) Aviation Maintenance Technician: Airframe: Volume 1: Structures (Aviation Maintenance Technician series) Aviation Maintenance Technician Handbook &#150; General: FAA-H-8083-30 (FAA Handbooks series) Aviation Maintenance Technician Handbook-Airframe - Volume 2 (FAA-H-8083-31) Aviation Maintenance Technician Handbook-Powerplant - Volume 2 (FAA-H-8083-32) Aviation Maintenance Technician Handbook-Powerplant - Volume 1 (FAA-H-8083-32) Aviation Maintenance Technician: General (Aviation Maintenance Technician series) Aviation Maintenance Technician: Powerplant (Aviation Maintenance Technician series) Aviation Maintenance Technician Series: Airframe: Volume 2: Systems Airframe: Volume 1: Structures (Aviation Maintenance Technician) Pilot's Handbook of Aeronautical Knowledge: FAA-H-8083-25B (FAA Handbooks series) Instrument Procedures Handbook: ASA FAA-H-8083-16A (FAA Handbooks series) Advanced Avionics Handbook: FAA-H-8083-6 (FAA Handbooks series) Seaplane, Skiplane, and Float/Ski-Equipped Helicopter Operations Handbook: FAA-H-8083-23 (FAA Handbooks series) Airplane Flying Handbook: ASA FAA-H-8083-3A (FAA Handbooks series) Aircraft Weight and Balance Handbook: FAA-H-8083-1B (FAA Handbooks series) Airframe Test Guide 2015: The "Fast-Track" to Study for and Pass the Aviation Maintenance Technician Knowledge Exam (Fast-Track Test Guides)

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