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Aviation Maintenance Technician Handbook—Powerplant: FAA-H-8083-32 Volume 1 / Volume 2 (FAA Handbooks Series)



Synopsis

This new FAA AMT Handbook—Powerplant (Volume 1 and 2) replaces and supersedes Advisory Circular (AC) 65-12A. 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 — 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. Powerplant Volume 1: Aircraft Engines, Engine Fuel and Fuel Metering Systems, Induction and Exhaust Systems, Engine Ignition and Electrical Systems, Engine Starting Systems Powerplant Volume 2: Lubrication and Cooling Systems, Propellers, Engine Removal and Replacement, Engine Fire Protection Systems, Engine Maintenance and Operation, Light-Sport Aircraft Engines Includes colored charts, tables, full-color illustrations and photographs throughout, and an extensive glossary and index.

Book Information

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Customer Reviews

Yes, this is easily the BEST book for Aircraft Mechanic students focusing on the powerplant portion of their education. I have also purchased the Jepersen, and Glencoe books, each selling for over a hundred bucks, and found them to be poorly written and outdated. This book is the handbook

written by the F.A.A. and it's by far the BEST book available. Beautiful colored illustrations and simple explanations help make a difficult subject a breeze while containing much of the most up to date information. Here is the kicker... it's 100% free. You can download this and all the other books directly from the FAA website. Yes, you can also pick up the General, and Airframe handbook there as well. Don't waste your money on any books. Pick this one up for free.

It's an FAA/ASA publication and very affordable. I'm not a technician by trade, I'm an office manager and an electronics enthusiast. I bought this book because I had a 15 hour flight overseas and to ease the transition of time change needed light reading material to stay awake. This book ended up being the second best of three I carried on board. (the best being Jeppesen Transport Category Aircraft Systems, and the other being Weiner's Human Factors in Aviation). The detailed drawings made comprehension a breeze and the info on how the characteristics of air changes with temperature, anti-ice, etc, really gets me thinking. There's something about sitting so close to the port side GE90 on the last flight while reading about its guts that made it memorable. Am I now eligible for the exam? I think not. I may have to retake college physics.

I am an 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.

I bought this book to see just how different it is now from when I was licensed way back in 1958. The book has great visuals and broader coverage due to all of the advanced materials and computers that these flying machines have built into them. Ben.

As I reviewed for volume one and two of the airframe handbook, 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.

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 plane design. Good series of books!

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.

Great Book! It showed up exactly as advertised. Delivered in 6 days, free super shipping saver eligibility. The book is free from the FAA website in electronic format but I needed a hard copy to go with my "General" & "Airframe" hard copy section.

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