

Aviation Maintenance Technician Handbook - Powerplant Volume

The Aviation Maintenance Technician Handbook - Powerplant Volume is an essential resource for aircraft engine maintenance professionals. This comprehensive handbook provides detailed information on the theory, operation, and maintenance of aircraft powerplants. It is used by aviation maintenance technicians (AMTs) to prepare for the Federal Aviation Administration (FAA) powerplant certification exam and as a reference guide during their careers.



Aviation Maintenance Technician Handbook - Powerplant, Volume 1: FAA-H-8083-32A (Color Print): (AMT Aircraft Mechanic Textbook & Study Guide)

by Jill D. Snider

★★★★★ 5 out of 5

Language : English

File size : 79681 KB

Screen Reader : Supported

Print length : 74 pages

Lending : Enabled



Content

The Powerplant Volume of the Aviation Maintenance Technician Handbook is divided into five main sections:

1. **to Gas Turbine Engines:** This section provides an overview of the basic principles of gas turbine engines, including their history, design, and operation.
2. **Turbine Engine Systems:** This section covers the major systems of a gas turbine engine, including the fuel system, ignition system, lubrication system, and exhaust system.
3. **Turbine Engine Operation:** This section describes the operation of a gas turbine engine, including the starting process, engine control, and troubleshooting.
4. **Turbine Engine Maintenance:** This section provides detailed instructions on the inspection, maintenance, and repair of gas turbine engines.
5. **Turbine Engine Overhaul:** This section covers the complete overhaul of a gas turbine engine, including the disassembly, inspection, repair, and reassembly of the engine.

Features

The Aviation Maintenance Technician Handbook - Powerplant Volume is illustrated with hundreds of diagrams, charts, and photographs. It also includes a glossary of terms and an index. The handbook is written in a clear and concise style, making it easy to understand even for those with no prior knowledge of aircraft engines.

Benefits

The Aviation Maintenance Technician Handbook - Powerplant Volume offers many benefits to AMTs, including:

- **Comprehensive coverage of aircraft powerplants:** The handbook provides complete information on the theory, operation, and maintenance of gas turbine engines.
- **FAA certification exam preparation:** The handbook is an excellent resource for AMTs preparing for the FAA powerplant certification exam.
- **On-the-job reference guide:** The handbook is a valuable reference guide for AMTs working on the maintenance and repair of aircraft engines.
- **Career advancement:** The knowledge gained from studying the handbook can help AMTs advance their careers in the aviation industry.

The Aviation Maintenance Technician Handbook - Powerplant Volume is an essential resource for aircraft engine maintenance professionals. It provides comprehensive coverage of the theory, operation, and maintenance of gas turbine engines. The handbook is written in a clear and concise style, making it easy to understand even for those with no prior knowledge of aircraft engines. AMTs who study the handbook will be well-prepared for the FAA powerplant certification exam and will have a valuable reference guide for their careers.



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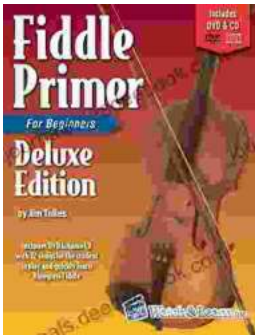
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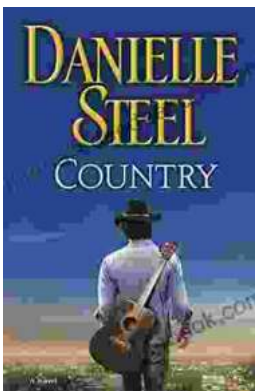
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