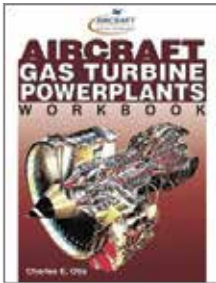


# ATB AIRCRAFT MAINTENANCE

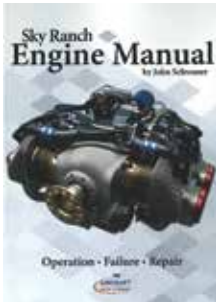
## EASA AMT TRAINING

Fully compliant textbooks for the international B1 (Aircraft Mechanic) and B2 (Avionics Technician) licenses with approvals in over 30 countries.



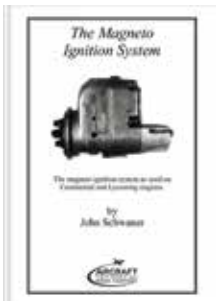
### GAS TURBINE POWERPLANTS

Exceeding A&P standards, this textbook is the most up-to-date, in-depth, book available on the design, theory, maintenance, and operation of aircraft turbine engines. Each system is explained showing design, function, operation, inspection, maintenance, and troubleshooting procedures. It's companion workbook, gives questions, answers, and explanations helping you understanding each section of the text.  
textbook book.....P/N 13-19842  
textbook e-book...P/N 13-23200  
workbook e-book.P/N 13-05865



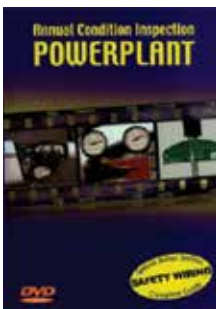
### SKYRANCH ENGINE MANUAL

Sky Ranch Engine Manual thoroughly covers the operation, inspection, and maintenance of the Lycoming and Continental piston aircraft engine, including a very comprehensive troubleshooting guide. This book goes beyond the basic theory and construction of aircraft reciprocating engines, but instead focuses on the practical aspects for mechanics and operators of why things go bad, how to repair them, and most important; how to keep them from failing in the first place.  
book .....P/N 13-09912  
e-book .....P/N 13-05971



### THE MAGNETO IGNITION SYSTEM

A treasure trove of information about the Bendix and Slick magnetos used on virtually all piston aircraft engines. This book covers everything you want to know about how your aircraft ignition system works. It is highly illustrated with photographs, drawings, graphs, and tables. You'll want to add this book to your maintenance library.  
book .....P/N 13-13086  
e-book .....P/N 13-05972



### THE ANNUAL CONDITION INSPECTION - POWERPLANT DVD

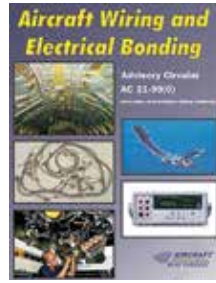
A&P instructors from Redstone College give a step by step demonstration of an annual inspection of a Lycoming O-360 engine from AD search through compression, ignition, induction, exhaust, cooling, electrical systems, oil and filters, propeller through the test flight and log entries; along with many hints and tips from the professionals. Spartan College instructors Tim Guerrero and Vaughn Dowell take you through a step by step demonstration of a 100 hour inspection of the powerplant section of a Lycoming O-360 powered Piper Archer.  
DVD.....P/N 13-23184



### AMT LOG BOOK

This logbook is the most important document you will own for your career in aircraft maintenance. The data within will serve as a vital record each time you seek a new rating or an advancement or change in your job. We urge you to carefully record each task you complete. The more detailed your entries, the more they will help you to prove your qualifications when you need to do so.

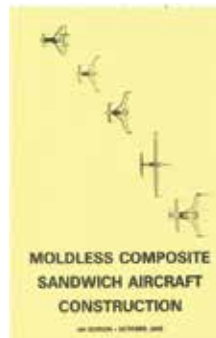
From your first day in school and throughout your career, get in the habit of writing it down. Did you help change a tire on a Cessna 150? Did inspect and replace a blade on a CF-6? Document it. These records will show not just what you are qualified to do, but that you are disciplined enough to keep the record. For EASA students and apprentices, these entries will prove your on-the-job experience and thus eligibility for your final license application. Contains 226 pages and over 2000 entries. Columns on each page include: date, equipment type, registration number description of work performed, and supervisor or instructor's name.....P/N 13-23230



### AIRCRAFT WIRING AND ELECTRICAL BONDING

This is a highly detailed manual published by Aircraft Technical Book Company under license by the Australian Civil Aviation Safety Authority (CASA) presenting indepth instructions for aircraft electrical work covering topics from aged wiring inspection to modern fiber optic installation, inspection and repair. Material selection, circuit design, harness building, connectors, circuit protection, soldering, lacing, sealing, electrical bonding, grounding, repairs, and all other related skills are covered in a practical, no nonsense manner offering complete guidance to the A&P technician working with small and large aircraft electrical systems to commercial and military standards.

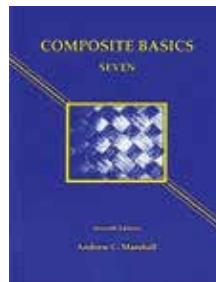
Book .....P/N 13-11205  
E-Book.....P/N 13-11236



### MOLDLESS COMPOSITE SANDWICH CONSTRUCTION

4th edition by Burt Rutan, This is a step-by-step manual for the beginner working on composite aircraft designs including templates for the practice construction of several parts. If the steps are studied and followed carefully, a first time builder can work confidently with these materials.

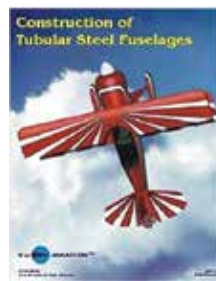
book .....P/N 13-11600



### COMPOSITE BASICS

This manual explains the theory, working techniques, and details of various types of glass, carbon and kevlar fibers, resins, adhesives, foams, and honeycombs for light airplane construction and repair. Further sections include the basics of manufacturing and design methods and are extremely relevant for those employed by component manufacturers and those involved in aircraft design projects. Tooling and manufacturing methods, designing, stress, loads and load testing, vacuum bagging, autoclaves, and more are discussed in a technical, yet understandable manner.

book .....P/N 13-18000  
ebook .....P/N 13-09023



### CONSTRUCTION OF TUBULAR STEEL FUSELAGES BOOK

Step by step instructions on how to construct a perfect tubular steel fuselage. It is the result of hundreds of hours of development in the shop doing rapid prototyping of perfectly symmetrical and dimensionally accurate fuselages and assemblies without special jigs.

book .....P/N 13-03707  
e-book .....P/N 13-05970



### AIRCRAFT RIGGING

Rigging has a large influence on performance and is often the most easily changed. This book continues on where most instructions leave off and provides answers to the many questions that arise when building or rigging an airplane. Factors driving various rigging geometries are discussed, and methods and tools for measurement are illustrated for many different configurations.

Book .....P/N 13-09032  
e-Book.....P/N 13-05955