

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.



AVIATION LEGISLATION

Module 10 covers Part 145 and 147 organizations, certifying staff, aircraft and parts certification, air operations and continuing airworthiness. For schools and students first exploring the EASA system from non-EASA NAAs, this is also a great way to obtain an initial overview of EASA, its structure, and its differences from more familiar regulatory systems.

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STRUCTURES & SYSTEMS

Module 11 covers turbine airplane systems for the B1 technician from environmental, electrical, fuel, gear, electrical, instrumentation, hydraulics, etc. This book is fully compliant as EASA Part 66 module 11a for the B1 license and has been given approvals by numerous EASA based civil aviation authorities.

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EASA PART 66 MODULE 14 B2 - PROPULSION

This module 14, written for the B2 avionics technician, covers the basics of turbine engines along with increased detail on the electronic controls, and monitoring systems that contribute to the exceptional efficiency and reliability which both industry and the traveling public demands. A basic understanding of each engine system and its relevant components provides the background needed to understand not just the electronic functions, but how and why each electronic system contributes to provide value to overall operations and reliability. Following completion of this module the technician should be familiar with engine starting techniques, basic operations, and the meaning and causes of both normal and abnormal indications.

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TURBINE ENGINES

Module 15 covers turbine engine performance, types, sections and systems, operation, indications, inspection, maintenance, storage, and more.

EASA Part 66 compliant Module 15 on Gas Turbine Engine Maintenance for Part 66 B1.1 and B1.3 airplane and helicopter certification.

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PROPELLERS

An EASA Part 66/147 approved manual on propellers and controls compliant as Module 17A for B-1.1 and B-1.2 students. A very in depth manual on modern propellers and propeller control systems covering from fixed pitch wood through state of the art full feathering, reversing, FADEC controlled metal and composite systems. All systems are covered including various types of pitch control, synchronization, ice control, vibration and resonance, maintenance and testing procedures and preservation and storage techniques.

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B1.1 turbine airplane license set includes above modules 1-Math, 2-Physics, 3-Electrical Fundamentals, 4-Electronic Fundamentals, 5-Digital Instrument Systems, 6-Materials and Hardware, 7-Maintenance Practices, 8-Aerodynamics for AMTs, 9-Human Factors, 10-Aviation Legislation, 11-Turbine Aircraft Structures and Systems, 15-Gas Turbine Engines, and 17-Propeller Systems.

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