

# Aviation Maintenance Te

Generel gennemgang af flymotorer, motorinstallation og brændstofs-systemer, herunder vedligeholdelse.

This textbook series is used as source material for FAA Knowledge Exam questions, therefore it is one of the best references for studying to pass the FAA Exams.

This handbook covers the subject areas that are common to both the Airframe and the Powerplant ratings and is the launching point for most AMT training programs. It is a

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reprint of the 2018 FAA-H-8083-30A with additional value provided because it was completely reviewed and edited to correct errors found in the original text, illustrations and photos. The general handbook covers aircraft basics, such as mathematics, physics, weight and balance, materials, corrosion, electricity, hydraulics, safety, FAA publications and regulations, and a chapter on human factors.

Faa-H-8083-30a (Black & White)

Aviation Maintenance Technician Series

Volume 1: Structures

Airframe - Systems

### **Aviation Maintenance Technician Handbook – Airframe, Volume 2**

*The Aviation Maintenance Technician Handbook-Airframe (FAA-H-8083-31A) is one of a series of three handbooks for persons preparing for certification as an airframe or powerplant mechanic. It is intended that this handbook provide the basic information on principles, fundamentals, and technical procedures in the subject matter areas relating to the airframe rating. It is designed to aid students enrolled in a formal course of instruction, as well as the*

*individual who is studying on his or her own. This volume contains information on airframe construction features, assembly and rigging, fabric covering, structural repairs, and aircraft welding. The handbook also contains an explanation of the units that make up the various airframe systems. Because there are so many different types of aircraft in use today, it is reasonable to expect that differences exist in airframe components and systems.*

*Aircraft Maintenance Technician ( AMT ) Logbook  
This AMT log book is the ultimate time keeping*

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*record book for any aviation mechanics looking to keep a strict record of their work and progress as an AMT. Record keeping is crucial, and this custom designed timesheet includes all necessary record items. Record hours, item worked on and the work carried out, Item ID's, category of aircraft, time, supervisor notes and comments and signatures. Also contained in the back of this logbook is 10 pages of notes for keeping relevant records of other necessary. Note: This is a paperback book. The leather cover design is printed (Not real leather) The logbook includes the*

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*following: Date Item Worked On Work Carried out  
Item ID Category of aircraft Time Supervisor  
Notes and comments Notes section at end of the  
book Book features: 120 Pages 8.5" x 8.11" High  
quality white paper Perfect bound Soft cover  
Logbook and notes sections*

*"The Aviation Maintenance Technician Series:  
General is the first book of Dale Crane's AMT  
Series, textbooks that were created to set the pace  
for maintenance technician training and attain a  
level of quality that surpasses all other  
maintenance textbooks on the market. The*

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*General text covers the first section of the FAA's required curriculum, incorporating an introduction to aviation along with basic lessons on mathematics, physics, and electricity. As the student progresses, specific aviation concerns are addressed, including regulations, mechanic privileges, forms, aircraft hardware and tools. Dale Crane's textbooks consist of the most complete and up-to-date material for A&P training. The curriculum meets 14 CFR Part 147 requirements and Subject Matter Knowledge Codes from the FAA mechanics knowledge tests. They are*

*designed for at-home, classroom, or university-level training. These comprehensive textbooks include full-color charts, tables and illustrations throughout, in addition to an extensive glossary, index, and additional career information. A study guide is included within each textbook in the form of study question sections, with answer keys printed at the end of each chapter. These can be used for evaluation by an instructor or for self-testing. ASA's mechanic textbooks are all-inclusive--no separate, inconvenient workbook is needed by the student or instructor."*--Provided by



*publisher.*

*Aircraft Mechanic Log Book*

*Aviation Maintenance Technician Handbook -  
Airframe, Volume 1*

*A Survey of Text Materials Used in Aviation  
Maintenance Technician Schools*

*AMT Technician Log Book for Airplane and  
Helicopter Repair, Aviation Maintenance  
Technician Log Book, with 8.5 X11 Inches\_120  
Pages*

*Aviation Maintenance Technician: Airframe*

*"Every AMT relies on facts and figures in the course of*

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*day-to-day work and continuing education; therefore, the need for a comprehensive reference handbook arises. Avotek's aircraft Maintenance Technician Reference Handbook is a thorough resource wherein an AMT may find conversion tables and other vital information required in today's aviation industry."--P. iii.*

*b>Aviation Mechanic Log Book. This book would be useful for any mechanics looking to record their work and progress as an AMT. Record keeping is crucial for any aviation mechanics looking to keep a strict record of their work and progress as an AMT . This custom designed timesheet includes all necessary record items. Book features: ◆ 8.5" x 11" ◆ Each page*

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*includes Date, Items and Items ID, Work Carried Out, Category, Time, Supervisor, Notes ♦ 110 pages ♦ Matte cover This Book would make the Perfect Gift for aircraft mechanics. Grab your copy today For more different covers click on author's name*

*Dale Crane's Aviation Maintenance Technician Series is the essential resource to pass the FAA Knowledge Exams for Aviation Maintenance Technicians. This volume of the series covers the AMT "General" section of the curriculum.*

*AMT Logbook, Aviation Maintenance Technician Log Book for Airplane, Helicopter Repairs and Mechanical Record for Mechanics*

*Aviation Maintenance Technician Handbook:*

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*Powerplant*

*Powerplant*

*Airframe - Structures*

*Aviation Maintenance Technician Reference Handbook*

FULL COLOR publication, incorporating 2011 addendum chapter on human factors . The "Aviation Maintenance Technician Handbook-General" was developed as one of a series of three handbooks for persons preparing for mechanic certification with airframe or powerplant ratings, or both. It is intended that this handbook will provide basic information on principles, fundamentals, and technical procedures in the subject matter areas common to both the airframe and powerplant ratings. Emphasis in this volume is on theory and

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methods of application. The handbook is designed to aid students enrolled in a formal course of instruction preparing for FAA certification as a maintenance technician, as well as for current technicians who wish to improve their knowledge. This volume contains information on mathematics, aircraft drawings, weight and balance, aircraft materials, processes and tools, physics, electricity, inspection, ground operations, and FAA regulations governing the certification and work of maintenance technicians. New to this volume is a section addressing how successful aviation maintenance technicians incorporate knowledge and awareness of ethics, professionalism, and human factors in the field. The report documents the results of a national survey of book

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publishing firms and aviation maintenance technician schools to (1) identify the text materials used in the training of aviation mechanics; (2) appraise the suitability and availability of identified text materials; and (3) determine the adequacy of the text materials in meeting the curricula requirements of FAR Part 147. The study surveyed 239 book publishing firms and 105 aviation maintenance technician schools. There were 4,349 students who participated in the reading experiment and 103 instructors who administered the reading experiment in 41 aviation maintenance technician schools. Both students and instructors evaluated the text materials used in the reading experimental study. (Modified author abstract).

The Aviation Maintenance Technician Series textbooks were

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created to set the pace for maintenance technician training and attain a level of quality that surpasses all other maintenance textbooks on the market. AMTS Airframe, Volume 2: Systems is the second book of the series, which is divided into 2 volumes. Airframe: Systems covers the various systems involved with the airframe, encompassing electrical, fuel, cabin atmosphere control, instruments, communications and navigation, ice and rain control, and fire protection systems, and aircraft inspections. First published in 1994, this new Third Edition features full-color throughout, and content was updated as a result of industry changes, new materials and practices, and new airplanes and cockpit systems. Written by industry expert Dale Crane, the Airframe textbooks were also

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reviewed by an editorial team consisting of Aviation Maintenance Technicians, Inspection Authorization holders, university professors, aircraft owners, and aviation maintenance journalists. Dale Crane's textbooks consist of the most complete and up-to-date material for A&P training. The curriculum meets 14 CFR Part 147 requirements and Subject Matter Knowledge Codes from the FAA mechanics knowledge tests. They are designed for at-home, classroom, or university-level training. These comprehensive textbooks include full-color charts, tables and illustrations throughout, in addition to an extensive glossary, index, and additional career information. A study guide is included within each textbook in the form of Study Question sections, with Answer keys printed



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at the end of each chapter.

Aviation Maintenance Technician Log Book for Airplane and Helicopter Repairs

Aviation Maintenance Technician Handbook General FAA 8083-30

General

Introduction to Aircraft Maintenance

Aviation Maintenance Technician - General

*Hardcover + PDF eBook version: Hardcover textbook comes with code to download the eBook from ASA's website. The Aviation Maintenance Technician Series textbooks were created to set the pace for maintenance a level of quality that surpasses all*

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*other maintenance textbooks on the market. AMTS Airframe, Volume book of the series, which is divided into 2 volumes. Airframe: Systems covers the various systems involved encompassing electrical, fuel, cabin atmosphere control, instruments, communications and navigation, protection systems, and aircraft inspections. First published in 1994, this new Third Edition features full-content was updated as a result of industry changes, new materials and practices, and new airplanes by industry expert Dale Crane, the Airframe textbooks were also reviewed by an editorial team consisting Technicians, Inspection Authorization holders, university professors, aircraft owners, and aviation maintenance Crane's textbooks*

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*consist of the most complete and up-to-date material for A&P training. The curriculum requirements and Subject Matter Knowledge Codes from the FAA mechanics knowledge tests. They classroom, or university-level training. These comprehensive textbooks include full-color charts, tables in addition to an extensive glossary, index, and additional career information. A study guide is included form of Study Question sections, with Answer keys printed at the end of each chapter.*

*"This is the complete set of 13 modules required for [EASA] B1.1 Airplane/Turbine certification."--Publisher*

*The nation's airfields and airports fulfill a crucial*

*role, helping people and products alike get to their destinations. Behind the thousands of flights successfully carried out daily are key employees, such as mechanics and service technicians. Young readers will benefit from this book's methodical approach to finding a job in this invaluable and rewarding career sector. The sky is the limit, as it guides eager novices from the necessary STEM subjects they should expect to encounter, through the ins and outs of picking technical schools, as well as the expected trajectory they will take from entry-level positions through to the higher echelons of these skilled trades.*

*Aviation Maintenance Technician Handbook General*

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*Aviation Maintenance Technician Certification  
Series: Module 6 : Materials and hardware  
General (2008 Revision, Incorporating 2011  
Addendum)*

*Aviation Maintenance Technician Log Book  
Aviation Maintenance Technician Oral and Practical  
Exam Guide*

**This essential reference provides a thorough overview of aircraft-support systems as well as their maintenance and inspection - knowledge necessary to pass the second half of the middle section of the FAA's required curriculum for Aviation Maintenance Technicians (AMTs). Containing up-to-date**

**information that meets 14 CFR Part 147 requirements and Subject Matter Knowledge Codes from the FAA mechanics knowledge tests, this comprehensive textbook covers specific systems involved in the airframe, such as electrical, fuel, cabin-atmosphere control, communications, navigation, and fire-protection systems. Complete with updated full-color graphics, study questions and answer keys, an extensive glossary, and additional career information, this revised edition is ideal for at-home, classroom, or university-level training. Trade Paperback + PDF eBook version: Trade paperback book comes with code to download the**

**eBook from ASA's website. Originally written in 1970 as an Advisory Circular and last updated in 1999, this new FAA-H-8083-30 handbook replaces AC 65-9A and reflects current operating procedures, regulations, and equipment. This book was developed as the first 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. This edition contains information on mathematics, aircraft drawings, weight and balance, aircraft materials, processes and tools, physics, electricity, inspection, ground operations, and FAA regulations governing the certification and work of maintenance technicians. New to this edition is a section addressing how successful AMTs incorporate knowledge and awareness of ethics, professionalism, and human factors in the field. The text is a cooperative effort of the FAA and ASA, written by industry experts experienced in AMT education and practice. Includes colored charts, tables, full-color illustrations and photographs**



throughout, and an extensive glossary and index. Detailing the technical maintenance of turbine and reciprocating engines, this book covers the final section of the FAA's required curriculum. Theory and construction of these engines are discussed, along with propellers, development of aircraft powerplants, and powerplant auxiliary systems. Includes more than 700 full color illustrations.

**Aviation Maintenance Technician: Airframe, Volume 2 EBundle**

**A Career as an Aircraft Mechanic and Service Technician**

**Aviation Maintenance Technician: Airframe, Volume**

## 1 EBundle

### General Ebundle

#### Aircraft Mechanic Logbook

#### *The Aviation Maintenance Technician*

*Handbook–Airframe (FAA-H-8083-31) is one of a series of three handbooks for persons preparing for certification as an airframe or powerplant mechanic. It is intended that this handbook provide the basic information on principles, fundamentals, and technical procedures in the subject matter areas relating to the airframe rating. It is designed to aid students enrolled in a*

***formal course of instruction, as well as the individual who is studying on his or her own. Since the knowledge requirements for the airframe and powerplant ratings closely parallel each other in some subject areas, the chapters which discuss fire protection systems and electrical systems contain some material which is also duplicated in the Aviation Maintenance Technician Handbook–Powerplant (FAA-H-8083-32). This volume contains information on airframe construction features, assembly and rigging, fabric covering, structural repairs, and***

***aircraft welding. The handbook also contains an explanation of the units that make up the various airframe systems. Because there are so many different types of aircraft in use today, it is reasonable to expect that differences exist in airframe components and systems. To avoid undue repetition, the practice of using representative systems and units is carried out throughout the handbook. Subject matter treatment is from a generalized point of view and should be supplemented by reference to manufacturer's manuals or other textbooks if***

***more detail is desired. This handbook is not intended to replace, substitute for, or supersede official regulations or the manufacturer's instructions.***

***This Log book perfect for record your all aviation mechanics and track vital record of their work and progress. Details Included: \_Date \_Item Worked On \_Work Carried out \_Item ID \_Category of aircraft \_Time \_Supervisor \_Notes Features: \_120 Pages \_Size: 8.5 inches x 11 inches \_High-Quality Matte finish softcover \_Designed in the USA***

***The Aviation Maintenance Technician Handbook-General (FAA-H-8083-30A) was developed as one of a series of three handbooks for persons preparing for mechanic certification with airframe or powerplant ratings, or both. It is intended that this handbook will provide basic information on principles, fundamentals, and technical procedures in the subject matter areas common to both the airframe and powerplant ratings. Emphasis in this volume is on theory and methods of application. The handbook is designed to aid students enrolled in a formal***

***course of instruction preparing for FAA certification as a maintenance technician as well as for current technicians who wish to improve their knowledge. This volume contains information on mathematics, aircraft drawings, weight and balance, aircraft materials, processes and tools, physics, electricity, inspection, ground operations, and FAA regulations governing the certification and work of maintenance technicians. New to this volume is a section addressing how successful aviation maintenance technicians incorporate knowledge***

***and awareness of ethics, professionalism and human factors in the field***

***Aviation Maintenance Technician Handbook-  
Powerplant***

***Aviation Maintenance Technician Handbook -  
Powerplant. Volume 2 (FAA-H-8083-32)***

***Aviation Maintenance Technician Handbook-  
Airframe - Volume 2 (FAA-H-8083-31)***

***AMT Aircraft Mechanic Logbook for Aircraft  
Repairs and Mechanical Work - Red Leather Print  
Design***

***AMT Aircraft Maintenance Logbook for***



***Technicians Operations and Mechanics - Purple  
Leather Print Design***

***This new FAA AMT Handbook--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 -- 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.***

***This AMT log book is the ultimate time-keeping record book for any aviation mechanics looking to keep a strict record of their work and progress as an AMT. Record keeping is crucial, and this custom designed timesheet includes all necessary record items.***

***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.***

***Airframe***

***Faa-H-8083-31a (Black & White)***

***Aviation Maintenance Technician Awards Program***

***Aviation Maintenance Technician Handbook -***

***General***

***Aviation Mechanic Handbook, Aviation Maintenance Technician Log Book, AMT Technician Log Book for Airplane and Helicopter Repairs and Maintenance***

**The FAA Aviation Maintenance Technician**

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Handbook--Powerplant (Volumes 1 and 2) is designed for use by instructors and applicants preparing for the FAA Knowledge Exam and Oral & Practical (O&P) Exams required for obtaining an Aviation Maintenance Technician (AMT) certificate with Airframe or Powerplant rating or both (also called an A&P license). Developed as one in a series of handbooks for this purpose, this is an effective text for both students and instructors, and will also serve as an invaluable reference guide for current technicians who wish to improve their knowledge. Newly updated for 2018, this new edition reflects current technologies, equipment and procedures. These handbooks are for both students and instructors, and

also serve as invaluable reference guides for current technicians who wish to improve their knowledge. This Powerplant edition provides the basic information on principles, fundamentals, and technical procedures in the subject matter areas relating to the powerplant rating including: Aircraft Engines, Engine Fuel and Fuel Metering Systems, Induction and Exhaust Systems, Engine Ignition and Electrical Systems, Engine Starting Systems, Lubrication and Cooling Systems, Propellers, Engine Removal and Replacement, Engine Fire Protection Systems, Engine Maintenance and Operation, Light-Sport Aircraft Engines. Illustrated throughout with detailed, full-color drawings and photographs, with a

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comprehensive glossary and index.

The Aviation Maintenance Technician Handbook-Airframe (FAA-H-8083-31) is one of a series of three handbooks for persons preparing for certification as an airframe or powerplant mechanic. It is intended that this handbook provide the basic information on principles, fundamentals, and technical procedures in the subject matter areas relating to the airframe rating. It is designed to aid students enrolled in a formal course of instruction, as well as the individual who is studying on his or her own. Since the knowledge requirements for the airframe and powerplant ratings closely parallel each other in some subject areas, the chapters which discuss fire



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treatment is from a generalized point of view and should be supplemented by reference to manufacturer's manuals or other textbooks if more detail is desired. This handbook is not intended to replace, substitute for, or supersede official regulations or the manufacturer's instructions.

This textbook covers the middle section of the FAA's required curriculum for Aviation Maintenance Technicians overview of airframe construction theory, maintenance, and inspection. Containing up-to-date information 147 requirements and Subject Matter Knowledge Codes from the FAA mechanics knowledge tests, this covers specific concerns such as metallic and

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nonmetallic aircraft structures, hydraulic and pneumatic landing-gear systems. Complete with updated full-color graphics, an extensive glossary, and additional revised edition is ideal for at-home, classroom, or university-level training.

Volume 2: Systems

Faa-H-8083-32a

Aviation Maintenance Technician Handbook

Aviation Maintenance Technician Handbook-Airframe -

Volume 1 (FAA-H-8083-31)

Aviation Maintenance Technician Handbook -

Powerplant

***The oral and practical exams are the last***

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*steps for certification of an Aviation Maintenance Technician (AMT). The AMT Oral & Practical Exam Guide by industry expert Dale Crane (edited by Raymond E. Thompson) will prepare the reader for the General, Airframe, and Powerplant exams. This book includes information on the certification process, typical projects and required skill levels, and practical knowledge requirements in a question-and-answer format, with references defined for further study. When taking an FAA Knowledge Exam, you merely verify your*

*knowledge of facts--you interface with a computer and there is no personal involvement. The AMT oral and practical tests are different: you work one-on-one with an experienced mechanic evaluator who is able to not only judge your mechanical skills, but observe how you think and see the way you solve problems. The examiner determines whether or not you possess the knowledge and skill level needed as an entry-level technician, as defined by the FAA Practical Test Standards (PTS). The AMT Oral & Practical Exam Guide will help*

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*you prepare for this significant step towards your new career as an AMT.*

*Aircraft Maintenance Technician ( AMT ) Logbook. If you are an aviation Mechanic? then you've come to the right place! This AMT log book is the ultimate time-keeping record book for any aviation mechanics looking to keep a strict record of their work and progress as an AMT. Record keeping is crucial, and this custom designed timesheet includes all necessary record items. -With this Aviation Maintenance Technician log book you can*

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*keep a detailed record of maintenance procedures: Date Item Worked On Item ID Category of aircraft Time Supervisor Notes and comments (Notes section at end of the book) This book is a perfect gift for aircraft mechanics to keep a record of tasks performed and skills developed. Interior details: Dimensions: 6" x 9" perfect size and enough space to keep records Pages: 120 PaperColor: White Inside Page Color: Black & White GET YOUR COPY TODAY!! You can also view a sample of this logbook by clicking on the "look*

*inside" feature.*

*Covering the first section of the FAA's required curriculum, this volume incorporates an introduction to aviation along with basic lessons on mathematics, physics, and electricity. As the student progresses, specific aviation concerns are addressed, including regulations, mechanic privileges, forms, and tools.*

*Aviation Maintenance Technician Handbook-  
Airframe*