

## **LIST OF POTENTIAL SOURCES OF INFORMATION TO STUDY FOR THE CAA PART66L ONLINE THEORETICAL KNOWLEDGE EXAMINATIONS** (updated July 2025)

Note – this information will be updated based on user feedback.

### **IL Basic knowledge**

#### [Aviation Maintenance Technician Handbook – General \(FAA-h-8083\)](#)

- Chapter 1, Safety
- Chapter 3, Mathematics
- Chapter 5, Physics for aviation
- Chapter 12, Fundamentals of Electricity and Electronics

#### [AC43-13-1B \(FAA\) Acceptable methods, techniques and practices – aircraft inspection and repair](#)

- Chapter 1, Section 2, Health and Safety

### **2L Human Factors**

- [Human factors module 9A \(online purchase\)](#)
- [CAP718 \(Human factors in maintenance\)](#)
- [Aviation Maintenance Technician Handbook – General \(FAA-h-8083\)](#)

### **3L Aviation Legislation**

- [Aviation Legislation Module 10](#) (Highly recommended. Buy online)
- [Continuing Airworthiness Regulations \(CAA\)](#)
- [CS-22](#)
- [CS-STAN](#)
- [CAP747 \(Mandatory requirements for airworthiness\)](#)

### **4L Airframe wooden, metal tube and fabric**

#### [Aviation Maintenance Technician Handbook—Airframe \(Volume 1\):](#)

- Chapter 3, Aircraft Fabric Covering
- Chapter 6, Aircraft Wood and Structural Repair
- Chapter 8, Aircraft Painting and Finishing

#### [AC43-13-1B \(FAA\) Acceptable methods, techniques and practices – aircraft inspection and repair](#)

- Chapter 1 Wood Structure
- Chapter 2 Fabric covering
- Chapter 4 Metal structure, welding and brazing
- Chapter 6 Corrosion Inspection and protection
- Chapter 7 Aircraft hardware, control cables and turnbuckles

[Standard repairs to gliders \(BGA\)](#)

[The BGA glue inspection is now an official source of data](#)

[Ceconite manual](#)

[Polyfiber manual](#)

## **5L Airframe composite**

[AC43-13-1B \(FAA\) Acceptable methods, techniques and practices – aircraft inspection and repair](#). Chapter 3. Fibreglass and plastics.

- Repairs
- Canopy repairs

[Aviation Maintenance Technician Handbook \(FAA-H-8031 31\)](#) —Volume 1 and Volume 2  
Chapter 7. Composites.

[Standard repairs to gliders \(BGA\)](#)

[Plastic plane patch primer \(Ursula Hanle\)](#)

[Schempp-Hirth repair manual](#)

[Slingsby repair manual](#)

[Pik30 repair manual](#)

[HPH repairing heat damage](#)

## **6L Airframe metal**

[Aviation Maintenance Technician Handbook – General \(FAA-h-8083\)](#)

Chapter 7 Aircraft Materials, Hardware, and Processes

Chapter 8 Cleaning and Corrosion Control.

Chapter 10 Inspection Concepts and Techniques

Chapter 11 Hand Tools and Measuring Devices

[Aviation Maintenance Technician Handbook—Airframe \(FAA-H-8083-31 Volumes 1 en 2\):](#)

- Chapter 4, Aircraft Metal Structural Repair
- Chapter 5, Aircraft Welding
- Chapter 13, Aircraft Landing gear systems

[AC43-13-1B \(FAA\) Acceptable methods, techniques and practices – aircraft inspection and repair](#).

- Chapter 3 Section 2 Metallic sandwich secondary structure repairs
- Chapter 4 Metal structure, welding and brazing

- Chapter 5 Non-destructive inspection
- Chapter 6 Corrosion Inspection and protection
- Chapter 7 Aircraft hardware, control cables and turnbuckles
- Chapter 9 Aircraft systems and components

#### [Standard repairs to gliders \(BGA\)](#)

### **7L Airframe general**

#### [Aviation Maintenance Technician Handbook—General:](#)

- Chapter 6, Weight & Balance
- Chapter 7, Materials
- Chapter 9, Fluid lines
- Chapter 10, Inspection concepts and techniques
- Chapter 12, Fundamentals of Electricity & Electronics, 12-81, 12-89-94

#### [Aviation Maintenance Technician Handbook \(FAA-H-8031 31\)](#)

- Chapter 1, Aircraft structures
- Chapter 7, Composites, 7-15 Non destructive inspection
- Chapter 10, Aircraft Instruments
- Chapter 11, Communication and Navigation
- Chapter 12, Hydraulic and pneumatic systems
- Chapter 13 Landing gear
- Chapter 14 Aircraft Fuel Systems

#### [AC43-13-1B \(FAA\) Acceptable methods, techniques and practices – aircraft inspection and repair.](#)

- Chapter 5, Non Destructive testing
- Chapter 7, Aircraft hardware
- Chapter 8, Engines, Fuel, Exhaust, propellers, Section 1, 8-8 & 9, Section 2, 4, 5, 6
- Chapter 9 Aircraft Systems and components; section 1 Landing gear, section 2 Hydraulics, section 3 Emergency equipment, section 4 Cabin interior
- Chapter 10 Weight & Balance
- Chapter 11 Aircraft Electrical Systems
- Chapter 12 Aircraft avionics

#### [Standard repairs to gliders \(BGA\)](#)

### **8L Powerplant**

#### [Aviation Maintenance Technician Handbook— Power Plant Volume 1 and Volume 2.](#)

- Chapter 9, propellers
- Chapter 10, Aircraft Instruments and systems, page 3-11
- Chapter 14 Aircraft Fuel Systems

#### [AC43-13-1B \(FAA\) Acceptable methods, techniques and practices – aircraft inspection and repair.](#)

- Chapter 8, Engines, Fuel, Exhaust, propellers, Section 1, 2, 3, 4, 5, 6

[Rotax 912 maintenance manual](#)

[PA25 owners manual](#)

[HPH jet system maintenance](#)

[FES manual](#)

## **12L Radio, Com, ELT, transponder, instruments**

[AC43-13-1B \(FAA\) Acceptable methods, techniques and practices – aircraft inspection and repair.](#)

- Chapter 11 Aircraft Electrical Systems

[Aviation Maintenance Technician Handbook—Airframe](#)

- Volume 1 Chapter 9 Aircraft Electrical System

[Aviation Maintenance Technician Handbook—Airframe](#)

- Volume 2 Chapter 11 Aircraft Electrical System

[Batteries](#)

Transponders and radios:

- [Trig info](#)
- [Mode S info](#)
- [Wiki info](#)

## **Other study resources**

- Aviation Mechanic Handbook by Dale Crane ISBN 978-1-64425-227-7 (buy online)
- Airframe Test Guide 2012 by Dale Crane ISBN 10 1560278560 (buy online)
- [AC65-9a \(FAA\) A&P Mechanic General Handbook](#)
- [AC65-12a \(FAA\) A&P Mechanic Powerplant Handbook](#)
- [AC65-15a \(FAA\) A&P Mechanic Airframe Handbook](#)
- [BGA airworthiness and maintenance webpages](#)
- [CAA airworthiness code](#)
- [CAA CAIP Part 1 – Basic – legacy \(unamended\)](#)
- [CAA CAIP Part 2 – Aircraft – legacy \(unamended\)](#)
- [CAA CAP 562 Civil Aircraft Airworthiness Information and Procedures](#)
- [CAA Part-66 information webpage](#)
- [CAP393 \(The ANO\)](#)
- Jeppesen manuals (buy online). There appears to be a good second market for these. The BGA CTO managed to buy them all for less than £25 total from <https://www.wob.com/en-gb> : A&P Technician Airframe textbook. ISBN 0-89100-

395-9, A&P Technician Powerplant text book. ISBN 0-88487-207-6, A&P Technician General text book. ISBN 0-88487-559-8