

Part-66 Aircraft Maintenance Licence Distance Learning Modules

www.part66.com

Barry College



International Centre
for Aerospace Training
EASA IR Part-147
approved centre



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Study at your own pace, in your own time

Increase your career prospects

Now you can increase your career prospects and study for a Part-66 Licence without breaking your work schedule. The ICAT distance learning programme lets you study in your own time, via a series of first-class online or textbook based tutorials. These cover all the subjects that you'll need in order to prepare yourself for the European Aviation Safety Agency (EASA) examinations. Support and advice is available from ICAT tutors via email and telephone.

ICAT Training Centre

ICAT is part of Barry College based at Cardiff International Airport. ICAT is one of the UK's foremost training



organisations for aeronautical engineers and technicians. The Centre is an accredited Part-147 training centre and, as such, can set Part-66 examinations.

Part-66 syllabus

All ICAT materials comply with Part-66 syllabus and cover the requirements for A, B1 & B2 licences. Sit your examinations at ICAT or any EASA approved centre.

Textbooks

Modules are available as textbooks complete with full colour illustrations. Self-assessment questions and answers are located behind each chapter. A comprehensive contents is included which identifies knowledge levels required for each chapter. Levels A, B1 and B2 are covered.

Online modules

ICAT modules are available online, complete with interactive animations and self-assessment questions.

Visit our website

For a full list of ICAT modules currently available visit www.part66.com

Part-66

Aircraft Maintenance Licence

Distance Learning Modules

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Course features

Each module will be available online or as a printed book. Modules can be purchased individually.

- Easy to navigate interface lets you choose the sequence of study
- Interactive tutorials lead you through the subject areas
- Illustrations and animations provide visual reference
- Interactive self-assessment questions allow you to test yourself and monitor your progress
- Tutor feedback and advice can be accessed via telephone and email

Intuitive learning interface



Interactive self-assessment questions

Illustrations and animations



Modules are available online and textbooks

Getting your licence

Once you've completed each module, examinations can be taken at any EASA approved centre.

- For a Category A licence you will need between 1 and 3 years practical maintenance experience on live operating aircraft
- For Category B1 and B2 licences you will need between 2 and 5 years experience on live operating aircraft
- Detailed information about Part-66 licences is available from EASA www.easa.eu.int

Eligibility

A minimum of Grade C GCSEs in English, Maths and a Science subject is recommended. Practical maintenance experience while taking this course will be a benefit.

A minimum of 2 years recent experience on operating aircraft is a requirement before licence issue.

Course Structure

The combination of modules you'll need to study will depend on which category of licence you want to achieve.

1. Mathematics
2. Physics
3. Electrical Fundamentals
4. Electronic Fundamentals
5. Digital Techniques / Electronic Instrument Displays
6. Materials & Hardware
7. Maintenance Practices
8. Basic Aerodynamics
9. Human Factors

10. Aviation Legislation
11. Aeroplane Aerodynamics, Structures and Systems
12. Helicopter Aerodynamics, Structures and Systems
13. Aircraft Aerodynamics, Structures and Systems
14. Propulsion
15. Gas Turbine Engine
16. Piston Engine
17. Propeller

Part-66 Aircraft Maintenance Licence - module requirements

Category A Licence	Modules													
Aeroplane jet engines	1	2	3	5	6	7	8	9	10	11	15	17		
Aeroplane piston engines	1	2	3	5	6	7	8	9	10	11	16	17		
Helicopter jet engines	1	2	3	5	6	7	8	9	10	12	15			
Helicopter piston engines	1	2	3	5	6	7	8	9	10	12	16			

Category B1 Licence	Modules													
Aeroplane jet engines	1	2	3	4	5	6	7	8	9	10	11	15	17	
Aeroplane piston engines	1	2	3	4	5	6	7	8	9	10	11	16	17	
Helicopter jet engines	1	2	3	4	5	6	7	8	9	10	12	15		
Helicopter piston engines	1	2	3	4	5	6	7	8	9	10	12	16		

Category B2 Licence	Modules													
Avionics	1	2	3	4	5	6	7	8	9	10	13	14		

E-learning: IR Part-66 modules

- Available online, or textbooks with tutorial support
- Online module of each of the 17 modules and 1 for the B1 conversion
- Textbook contains all information and self-assessment questions
- Support from expert tutors based at a 147 approved centre

Barry College Business Services

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