

Barry College



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



# Part-66 Aircraft Maintenance Licence Distance Learning – B Licence

[www.part66.com](http://www.part66.com)

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## What is an EASA Part-66 'B' Licence?

From 28 September 2006, for aircraft above 5700 kg, and 28 September 2008 for all aircraft, the only Licence acceptable for use in Europe for signing an aircraft's **Certificates of Release to Service** will be the EASA Part-66 Licence.

The EASA 'B' Licence comes in several categories depending on the aircraft type and equipment fitted.

An EASA Part-66 B Licence is valid throughout the EU and those countries still affiliated with the Joint Aviation Authorities (JAA). In addition, many other countries around the world recognise the Part-66 Licence or have their own version of it.

Currently, 30% of UK Licensed Engineers work overseas, where their experience and qualifications are in great demand.

## Licence Categories

- B1.1 - Aeroplane Turbine
- B1.2 - Aeroplane Piston
- B1.3 - Helicopter Turbine
- B1.4 - Helicopter Piston
- B2 - Avionic

## More information

For detailed information about EASA go to the European Aviation Safety Agency (EASA) website at [www.easa.eu.int](http://www.easa.eu.int)

## About the course

The International Centre for Aerospace Training (Barry College, situated at Cardiff Airport) offer this innovative Part-66 B Licence through distance learning.

In order to gain a Part-66 B Licence you will need a minimum of 5 years experience within a Part-145 organisation, but this may be supplemented by a recognised apprenticeship or military service, at the discretion of EASA.

This course has been designed to be flexible and so has been broken down into three (3) stages. Once you have completed a stage you will be able to move onto the next one when you feel ready, allowing you to advance through the programme at your own pace. In addition, there is no fixed start date to your studies, allowing you to join the programme at any time. All this without breaking your work schedule.

## Who should join this course?

This course is designed for Civilian Aircraft mechanics and technicians, HM Forces personnel with 1st or 2nd line experience and less than 4 years of service left, other engineers or technicians with a recognised apprenticeship intending to move into the industry. This course is not suitable for those with no practical experience.

## What will I study?

All B licences cover the 10 core modules:

1. Maths
2. Physics
3. Electrical Fundamentals
4. Electronic Fundamentals
5. Digital Techniques/Electronic Instrument Displays
6. Materials & Hardware
7. Maintenance Practice
8. Basic Aerodynamics
9. Human Factors
10. Aviation Legislation

The remaining 2 or 3 modules will be specific to the Licence category you wish to take.

Each module has a Part-66 Multiple Choice Examination. In addition modules 7, 9 and 10 require an essay examination. More detailed information on your course is available on request or via the website. [www.part66.com](http://www.part66.com)

## Licence stages

<b>Engineer with recognised apprenticeship</b> ↓	<b>Aircraft Mechanic or Technician</b> ↙
<b>Part-66 Core 1</b> 5 Modules 5 Examinations ↓	<b>HM Forces Aircraft Technicians</b> ←
<b>Part-66 Core 2</b> 5 Modules 8 Examinations ↓	
<b>Part-66 Specialist</b> 2 Modules 2 Examinations → (3 of each for B1.1/1.2)	<b>Part-66 B Licence</b>

## How will I study?

With this groundbreaking programme you can study in your own time and at your own pace with ICAT's innovative, interactive study material. Using our material, you can study without sacrificing your work or family commitments. From the start, you will be put in touch with an allocated course tutor, as a dedicated point of contact to aid you with your studies and offer regular guidance and support.

Study modules will be provided in an online format. The specially developed interface allows you to navigate quickly and easily to any part of the module. Text is clearly displayed in the centre of the screen. Interactive diagrams can be launched from the right-hand side of the interface or using the icon included in the text. To give you regular feedback on your progress, each module contains Self Assessment Questions (SAQs). You can set your own timetable around the way you live, but it doesn't mean that you are alone.



Interactive self-assessment questions

Illustrations and animations

A range of online resources have been created to aid your examination preparation. Study Plans are available to help you plan your study in preparation for Revision Tutorials.

Expert tutors are available to answer any queries you may have regarding the material that you are studying. Practice Questions on each topic help you consolidate each area and Progress Indicators allow you to test your exam technique against the clock.

The programme provides the opportunity to visit our modern facilities for Revision Tutorials before sitting your Part-66 examinations. The classroom based revision tutorials held at ICAT are designed to boost your knowledge in the days prior to an examination. Expert tutors reinforce your learning, resolve any problems and to help you prepare for the exam. Planning your studies and attending the revision tutorials will maximise your chances of success in each module, whilst keeping stresses of studying and examinations to a minimum.

Examination fees are not included in the cost of this course.

As ICAT has Part-147 Approval, examinations are set and marked in house, but you can sit examinations at any Part-147 centre. Part-66 Examinations have a 75% pass mark. The number of questions will vary from module to module, but each examination will consist of a multiple choice paper where each question has three possible answers. Three modules will also have additional essay papers. Certificates are issued on successful completion of each examination.

Experience has shown us that student support is essential for you to succeed. On our innovative programme that includes all the support you need, with **our** help and **your** effort we can put you onto the proven pathway to success.

## At a glance

- Barry College is a Part-147 Approved Organisation
- The Course has been exclusively designed for Aircraft Maintenance Engineers
- There is no fixed start date
- Study at your own pace
- All modules are classified at NQF Level 4 and above
- Detailed course notes are supplied as online based learning material
- Tutor feedback and advice can be accessed via e-mail and telephone
- Online resources help you study
- Revision tutorials provide exam preparation
- Each block should take 6 to 8 months to complete

### For more information and advice, or to enrol:

Barry College Business Services  
International Centre for Aerospace Training,  
Cardiff Airport Business Park,  
Port Road, Rhoose, Vale of Glamorgan  
CF62 3DP Wales, UK  
Tel +44(0)1446 719 821  
or +44(0)1446 711 447  
info@part66.com

[www.part66.com](http://www.part66.com)

Barry College



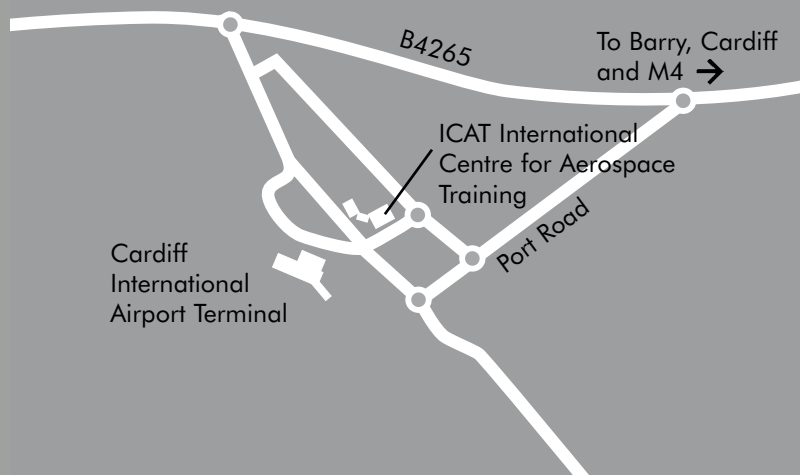
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## About ICAT

ICAT is based at Cardiff Airport and is an approved EASA IR Part-147 training centre and as such produces its own training material and sets and marks its own examinations. ICAT has a team of dedicated and experienced staff on hand to help you throughout your studies ICAT has developed new course materials in textbook and online based learning material specifically to support the study of Part-66 modules.

## The location

Based at the heart of the aerospace industry in South Wales, ICAT is ideally located to serve the education, training and consultancy needs of the local industry. Adjacent to Cardiff International Airport and just a few miles from key players in the industry such as British Airways Maintenance Centre (BAMC), DARA and MoD St Athan, ICAT offers a central multi-functional base of excellence, utilised by the industry for a variety of purposes.



### Barry College Business Services

International Centre for Aerospace Training,  
Cardiff Airport Business Park, Port Road, Rhoose,  
Vale of Glamorgan CF62 3DP Wales, UK

T: +44 (0)1446 719 821

+44 (0)1446 711 447

F: +44 (0)1446 711 527

E: [info@part66.com](mailto:info@part66.com)

[www.part66.com](http://www.part66.com)

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