

EASA PART 66

Category B1.1 Aeroplanes Turbine

TUTORIAL BASIC COURSE FOR CATEGORY B1.1 AEROPLANES TURBINE



Course Outline

This course is in compliance with EASA Part- 66, Appendix II "Basic Examination Tutorial". The participant will acquire the basic technical knowledge and principles necessary to fulfill the requirements for the application of an aircraft maintenance license and conditions of its validity and use, for maintaining turbine powered aeroplanes.

The participant will also acquire the tutorial technical knowledge and principles necessary perform maintenance tasks permitted to be carried out as certifying staff category B1.1.

Course Duration

304 hours plus (960* **practical hours optional**).

7 months (Monday, Wednesday & Friday, 4 hours per day).

Target Group

Applicants wishing to obtain an EASA Part-66 category B1.1 Aeroplanes Turbine mechanic license.

Number of Participants

Recommended 17.

Objectives

EASA Part 66 license is a common and mutually acceptable standard for the certification of aircraft maintenance mechanics worldwide. Part 66 License basic main aspects are the demonstration of strengthening knowledge and competence. This combination is offered and gained in our course, according to EASA license category and subcategory relevant to this course:

- **Category B:** Category B is the main license qualification for aircraft maintenance staff under EASA approval. Category B Licenses are available in both mechanical and avionics disciplines:
 - **Subcategory B1.1** – mechanical (aircraft structure, jet engine, mechanical and electrical systems) for turbine powered aeroplanes.

By obtaining the Category B1.1 License the privileges and function of an avionics technician in defect troubleshooting / rectification and aircraft electrical and electronics system inspection and maintenance, require detailed description, operation, component location, removal / installation and testing procedures in order to maintain the aircraft airworthy.

Examination Module examination, closed book, multiple-choice and/or essay questions examination type.

Pass mark per module examination is 75%.

The synoptic duration of each module taught for B1.1 category is presented below:

EASA PART 66

Category B1.1 Aeroplanes Turbine

MODULES	B1.1		
	THEORY	PRACTICAL	TOTAL
	HOURS		
MODULE 1. MATHEMATICS	8		
MODULE 2. PHYSICS	16		
MODULE 3. ELECTRICAL FUNDAMENTALS	16		
MODULE 4. ELECTRONIC FUNDAMENTALS	16		
MODULE 5. DIGITAL TECHNIQUES ELECTRONIC INSTRUMENT SYSTEMS	24		
MODULE 6. MATERIALS AND HARDWARE	32		
MODULE 7A MAINTENANCE PRACTICES	48	300*	348
MODULE 8. BASIC AERODYNAMICS	8		
MODULE 9A HUMAN FACTORS	8		
MODULE 10. AVIATION LEGISLATION	16		
MODULE 11A. TURBINE AEROPLANE AERODYNAMICS,STRUCTURES AND SYSTEMS	72	330*	402
MODULE 15. GAS TURBINE ENGINE	24	240*	264
MODULE 17A. PROPELLER	16	90*	106
TOTAL HOURS	304	960*	1264*

**Optional the practical hours against availability on request the price is NOT including of tutorial course*

And after that what?

Once a student has successfully completed this course, he/she will need to undergo a five years' maintenance experience by working in a maintenance organization before applying to an EASA member state CAA for obtaining the B1.1 License. Our customer satisfaction department will arrange for this in our partner maintenance company Dedalus Tech.

Once the B1.1 License has been obtained, after a total of five years plus seven months, then the holder has many options to select:

1. Attend type rating courses for Boeing, Airbus or other type of aircraft, and thus increasing the opportunities of getting a jib worldwide;
2. Attend other additional specialized courses, and strengthen his/hers professional status in the aviation market worldwide;
3. Enroll to a foundation for a Master degree which will provide the holder with additional advantages of getting a managerial position in the aviation industry worldwide.

Aerospace engineering never ends. The technological progress is so fast that the aviation industry is continuously seeking for the best professionals.

CLASSROOM COURSES

- Athens : PART66 B1.1 TUTORIAL (EUR 5,500.00)
 Thessaloniki : PART66 B1.1 TUTORIAL (EUR 5,500.00)

E-LEARNING COURSES

- PART66 B1.1 TUTORIAL (EUR 5,500.00)

Family Name: _____ First Name: _____ Mr. Mrs. Ms.

Mailing/Shipping Address: _____

City/State: _____ Country: _____ Postal Code: _____

Telephone Number **(Mandatory)**

Fax Number

Country Code: _____ City Code: _____ No.: _____

City Code: _____ No.: _____

E-mail **(please print)**: _____

Mobile phone: _____

Course Code		METHODS OF PAYMENT:	
		<input type="radio"/> EUROCARD/MASTERCARD	<input type="radio"/> VISA
Course Fee:		Cardholder's name:	
Taxes:		Card no.: _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _	
(Canadian residents only) Please include applicable GST and PST.		Expiry date:	MONTH: _____ YEAR: _____
		Signature/date:	
Total:			

Date :

Signature :

approved by TQAS