AMT

AIRCRAFT MAINTENANCE TECHNICIAN

ONLINE
NIGHT CLASSES

TURBINE ENGINES (B1.1)

PISTON ENGINES (B1.2)

FLEXIBLE TRAINING[1]

IN 12 MONTHS YOU WILL BE ABLE TO WORK IN THE AREA

Stand out in the aviation industry as an aircraft mechanic. With the necessary training and appropriate certifications, you can become one of the most sought-after professionals in this market.
Ensuring the safety and quality of aircraft operation is crucial work, which is why the contribution of an AMT professional is so essential in the industry.
IFA, certified by ANAC, has different types of AMT courses that allow you to obtain a professional license in category B1.

[1] This course is also available with in-person evening classes.

WHAT DOES AN AMT DO?

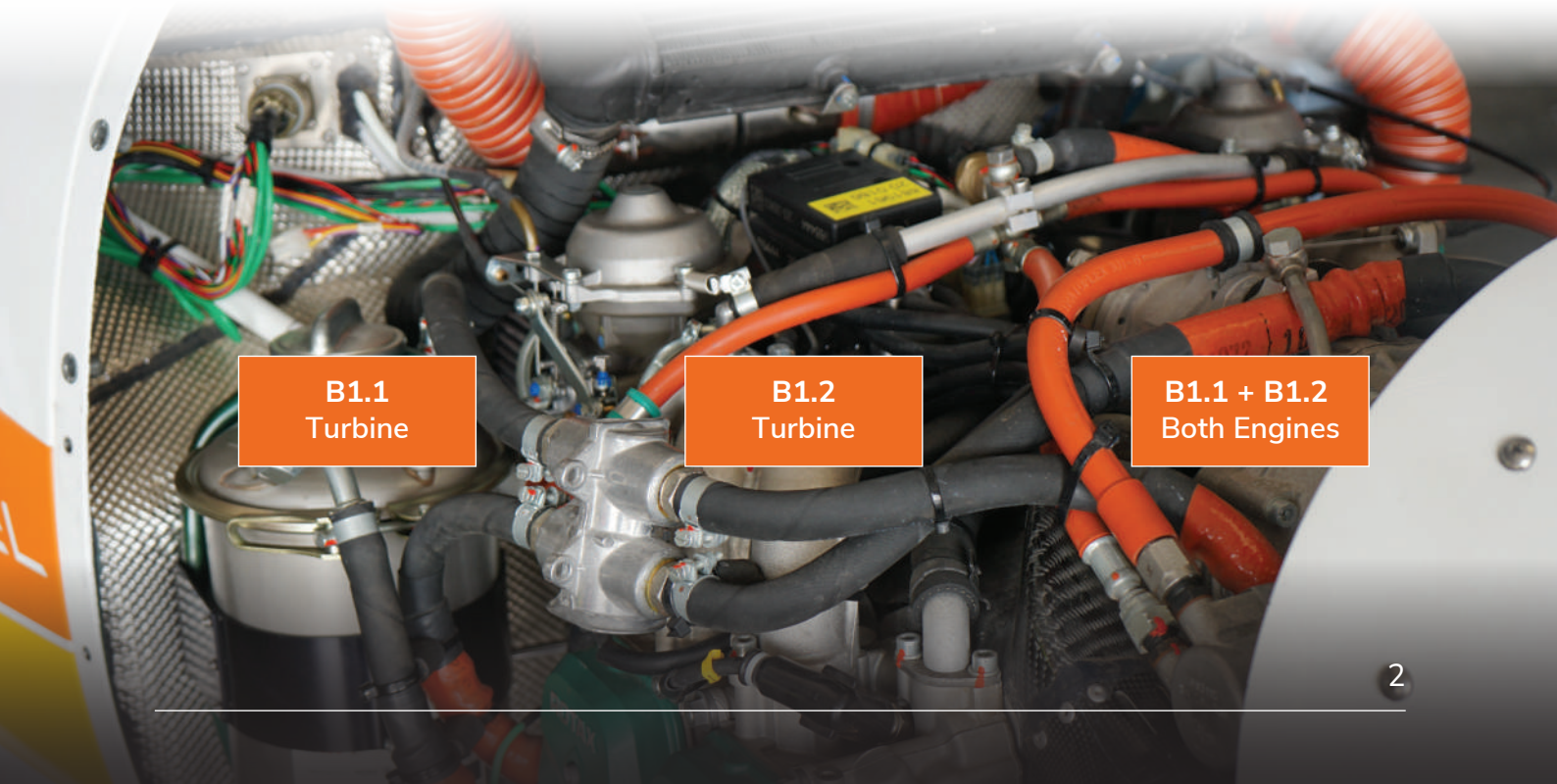
Category B1

- Carrying out and supervising maintenance work to ensure safety and airworthiness of aircraft1, with the necessary quality standards.
- Issuance of certificates validating the airworthiness of the aircraft1, after maintenance of the structure and mechanical and electrical systems.
- Execution of complex tasks.

(1) according to subcategories of professional certification

WHY IS IT WORTH IT?

- Affordable price
- Allows you to initiate your professional career in only 12 months
- Flexible training hours (online night classes)
- Two locations options for the exams: Cascais or Viseu
- 100% employment guaranteed
- First step to request an EASA license and work anywhere in the Europe Union!



TURBINE ENGINES (B1.1)

What are turbine engines?
Gas Turbine Engines, also called jet engines or combustion turbines, are rotary engines that extract energy like an internal combustion engine, with the intake being carried out upstream of the compressor, where the fluid is subsequently compressed, then passing to a combustion chamber, before being expelled downstream of the turbine.
Turbine aircraft can be propeller or jet propelled.

COURSE STRUCTURE

THEORETICAL TRAINING + EXAMINATION

- 420h
- 13 modules
- Examination per modules

TIMELINE

- **Duration:** max. 12 months
- **Hours:** Monday to Friday from 7:00 pm to 10:00 pm
- **Examination:** starts at 6:00 pm

LOCATION

- Theory phase: online
- Exams: Cascais or Viseu

COURSE SUBJECTS

MODULE 01	Mathematics
MODULE 02	Physics
MODULE 03	Principles of Electrotechnics
MODULE 04	Electronics Fundamentals
MODULE 05	Digital Techniques / Electronic Instrumentation Systems
MODULE 06	Materials and hardware
MODULE 07	Maintenance Practices
MODULE 08	Basics of Aerodynamics
MODULE 09	Human Factors
MODULE 10	Aeronautical Regulation
MODULE 11	Aerodynamics, Structures and Systems of Turbine Engine Aircraft
MODULE 15	Gas Turbine Engines
MODULE 17	Propellers

PISTON ENGINES (B1.2)

What are piston engines?

Piston engines or reciprocating engines use technology fundamentally similar to that used by cars and motorcycles, with an internal combustion engine, where pistons in the cylinders are used to transform motive force into propulsion, creating pressure in rotary movements.

Piston engine aircraft always drive a propeller.

COURSE STRUCTURE

THEORETICAL TRAINING + EXAMINATION

- 400h
- 13 modules
- Examination per modules

TIMELINE

- **Duration:** max. 12 months
- **Hours:** Monday to Friday from 7:00 pm to 10:00 pm
- **Examination:** starts at 6:00 pm

LOCATION

- Theory phase: online
- Exams: Cascais or Viseu

COURSE SUBJECTS

MODULE 01	Mathematics
MODULE 02	Physics
MODULE 03	Principles of Electrotechnics
MODULE 04	Electronics Fundamentals
MODULE 05	Digital Techniques / Electronic Instrumentation Systems
MODULE 06	Materials and hardware
MODULE 07	Maintenance Practices
MODULE 08	Basics of Aerodynamics
MODULE 09	Human Factors
MODULE 10	Aeronautical Regulation
MODULE 11B	Aerodynamics, Structures and Systems of Piston Engine Aircraft
MODULE 16	Piston Engines
MODULE 17	Propellers

PROGRAM B1.1 + B1.2

IFA also offers the opportunity to obtain integrated training in both types of engines.

COURSE STRUCTURE

THEORETICAL TRAINING + EXAMINATION

- 464h
- 14 modules
- Examination per modules

TIMELINE

- **Duration:** max. 12 months
- **Hours:** Monday to Friday from 7:00 pm to 10:00 pm
- **Examination:** starts at 6:00 pm

LOCATION

- Theory phase: online
- Exams: Cascais or Viseu

REGISTRATION REQUIREMENTS

- Age: minimum 17 years old
- Education: 12th grade or official equivalent
- Proficiency in English: reading, writing and speaking
- Clean criminal record for access to reserved areas
- Basic knowledge of mathematics and physics

COURSE INVESTMENT

Subcategory	Enrollment fee	Remaining Payable Amount	Total Value	or 10 installments	Considerations
B1.1	1.000€	3.200€	**4.200€**	320€	10 Installments: the first payment before the start of the examination
B1.2	1.000€	3.000€	**4.000€**	300€	
B1.1 + B1.2	1.000€	3.600€	**4.600€**	360€	

INCLUDED

- First attempt at exams
- Tablet
- Digital module manuals

NOT INCLUDED

- Obtaining a VISA[2]
- Repetition of theoretical exams

([2])If a visa is required to live in Portugal, the student will receive a declaration of registration that will serve to begin the visa process at the local embassy or consulate. The process is handled directly by the student and is not related to the school. In case of visa refusal, providing due proof of refusal, the amounts paid will be refunded, removing possible amounts already consumed, such as the delivery of the materials and online classes.