



British Aviation Center

Course Structure

The MPL Programme structure is as follows:

Phase 1

Theoretical Knowledge Ground School (ATPL EASA)

Phase 2

Core Flying Skills (Single-engine aircraft training on Garmin 1000)

Phase 3

Basic Flying Skills (FNPTII fixed-base generic simulator)

Phase 4

Intermediate Flying Skills (Airbus A320 MFTD, Level-D full flight simulator)

Phase 5

Advanced Flying Skills (Airbus A320 FFS & Aircraft base training and 1,500 line hours training with Airlines)

This will prepare you to enter into the world of commercial aviation subject to satisfactory progress. If you think you have what it takes to become a commercial airline pilot then keep reading and see how you can accomplish your goal and start your career.

Ground School Phase

The ground school training follows the European Aviation Safety Agency (EASA) ATPL syllabus and is divided into three modules during which cadets will be taught the theoretical knowledge required for the MPL.

Module 1

Air Law
Aircraft General Knowledge (Part 1)
Mass and balance
Human Performance and Limitations
Principles of Flight
Communications

Module 2

Aircraft General Knowledge (Part 2)
Flight Instruments
Meteorology
General Navigation

Module 3

Aircraft Performance
Operational Procedures
Flight Planning
Radio Navigation

The training programme features a mix of classroom lessons and Computer Based Training (CBT)

The programme also contains continuous progress testing to ensure you have achieved a thorough understanding of each subject before you move on to the next level. You will need to demonstrate that you have the necessary knowledge level, equivalent to that required for the issue of an Airline Transport Pilot Licence (ATPL) Level. Examinations are held at the end of each Module.

Core Flying Phase

During this phase of the training you will experience, the thrill of flight, for possibly the first time. You will be required to complete 70 hours in a single-engine aircraft and will be taught:

- Aircraft Familiarisation
- Aircraft Handling
- Climbing and Descending
- Turns
- Circuits
- Threat and Error Management
- Navigation
- Basic Instrument Flying
- Precautionary Landings
- Emergency Drills
- Solo Flight
- Night Flying

Training will take place with flying academy.



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Basic Flying Phase

This phase of the training will consolidate the skills learnt during the core flying phase and introduces you to the multi-crew cockpit environment. Our simulator represents a twin-engine turbine-powered aircraft. The Multi-Crew Co-operation (MCC) theory part of the phase will take approximately one week, followed by 68 hours in the simulator.

This will further develop your instrument flying skills and covers:

- Crew Resource Management (CRM)
- Threat and Error Management (TEM)
- Handling a multi-engine jet
- Advanced instrument flying
- Approaches and “go-arounds”
- Loss of communication
- Evaluation



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Intermediate Flying Phase

Preparing you for the Airbus A320

This phase of the training consolidates all the flying skills learnt to date and introduces Line Oriented Flight Training (LOFT), which simulates normal and non-normal airline line operations in the Airbus A320 flight simulator.

Prior to the simulator instruction you will complete the ground school for the Airbus A320 type conversion programme using Computer Based Training (CBT), and training on the Airbus A320's Flight management System (FMS) and the Electronic Centralised Aircraft Monitor (ECAM). The main objective of this phase of the training is to instruct you in the management and operation of normal, non-normal, and emergency situations. You will be taught and assessed how to process available information and then manage situations to ensure a safe landing of the aircraft. Areas that will be covered are:

- Introduction to Airbus A320 Operations
- Airbus A320 systems
- FMS
- ECAM
- Airline Standard Operating Procedures (SOP)
- Departure, Approach and landing
- Consolidation Scenarios
- Route Change Scenarios
- Ground Operations Scenarios

Advanced Flying Phase

The advanced stage will train you to operate the Airbus A320 aircraft in an airline environment.

The flight simulation module comprises 15 four hour sessions in the Airbus A320 Level D full flight simulator. The simulator cockpit is identical to that of an Airbus A320 aircraft and features the most advanced visual systems available.

The simulator sessions allow you to experience and practice a full range of emergency situations and weather phenomena in a safe training environment.

- Threat and Error Management
- (TEM) Take-off from contaminated runway
- Rejected take-off procedures
- Non-precision approaches
- Landing gear malfunctions
- Recovery manoeuvres
- Engine failures, fire and severe damage
- Abnormal procedures, cautions and malfunctions
- Flying in the vicinity of thunderstorms, wind shear and other adverse meteorological conditions

On completion of this phase you will be well-prepared for the Licence Skill Test (LST).

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Airbus A320 Base Training

The final stage of training is completed with a series of take-off s and landings in the Airbus A320 aircraft itself.

The total cost of the course includes the Multi-Crew Co-operation (MCC) course and the Airbus A320 type rating, as well as all the training manuals, exam fees, and equipment necessary to complete the training programme.

The course fee does not, however, include your accommodation and living costs. Course places are allocated strictly on a first come, first served basis. We will be able to assist you in finding suitable accommodation locally, either in Airlines apartments or elsewhere in the area. To be accepted for the MPL training programme, all applicants must:

- Be between 17 and 32 years of age (join prior to 32nd birthday)
- Minimum height requirement of 160 centimeters
- Have at least a high-school (or equivalent) level of education
- Have successfully passed the cadet assessment and interview.