

Multi-Crew Pilot Licence

in partnership with Air Arabia



**Alpha Aviation
Academy**

UNITED ARAB EMIRATES

www.airarabia.com/en/careers



Alpha Aviation Academy

UNITED ARAB EMIRATES

Dear Candidate,

Thank you for your interest in Alpha Aviation Academy's Multi-Crew Pilot Licence (MPL) Training Programme.

Alpha Aviation Academy UAE have a joint venture with the biggest low fare carrier airline in the Middle East and North Africa, Air Arabia.

This partnership will help Air Arabia to meet its own internal needs for pilots to man its expanding aviation fleet on the Airbus A320.

Please find the enclosed information about our Multi-Crew Pilot Licence (MPL) training Programme.

Should you require any further assistance regarding the course, please do not hesitate to give us a call or send an email to our Cadet Recruitment Department.

Thank you,

[Alpha Aviation Academy.](#)



Alpha Aviation Academy

UNITED ARAB EMIRATES

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“I want to be a professional airline pilot” Show me how...

The job of an airline pilot is probably one of the most prestigious, glamorous and exciting in the world.

It is a highly rated and adventurous career choice, allowing you the opportunity to travel around the world to places most people only dream about. It is a challenging, dynamic and demanding job undoubtedly very rewarding.

You could not have picked a better time to train as a pilot. Over the past few years a surge in the aviation industry has resulted in a worldwide demand for qualified pilots. In the Middle East there has been an

unprecedented number of aircraft orders. Each aircraft needs approximately 10 pilots, resulting in a need for thousands of new pilots. We estimate that a minimum of 3,000 pilots will be required each year to meet the needs of the airlines in the Gulf region alone.

Becoming an airline pilot is a dream many young people have. For most it remains just that, but for you it could be a reality. If you are a motivated and committed individual with a dream, then come and speak to us today. You can expect to earn an attractive salary with an excellent benefit package. Now is your chance to turn your dream into reality with our MPL Programme.



About Air Arabia and Alpha Aviation Academy

Air Arabia is the Middle East and North Africa's first and largest Low Cost Carrier (LCC).

We fly you to over 88 destinations spread across the Middle East, North Africa, Asia and Europe.

We offer you comfort, reliable and value for money air travel across our network and with our value proposition "More than Just Low Fares", we help you to fly more often to more places at your own convenience!

Air Arabia is the first publicly listed airline in the region providing the carrier an independent path to growth and profitability..

Air Arabia operates one aircraft type, the Airbus A320, the world's best ever selling commercial jetliner, which is recognized as the benchmark for single-aisle aircraft.

Launched in 2008, Alpha Aviation Academy UAE is a leading aviation training provider located at the International Airport in Sharjah, United Arab Emirates.

Alpha Aviation Academy is managed by Air Arabia. AAA UAE uses state-of-the-art facilities for the training of pilots from its training facilities in Sharjah and a flight training capability in Europe.

AAA is currently the region's largest Multi-crew Pilot Licence (MPL) facility, with over 120 MPL cadets under training and over 80 Cadets already graduated and flying with Air Arabia. We offer airline quality training, starting from instilling an airline mindset at the onset of classroom lectures, to incorporating airline practices early in the basic flight training and meeting global airline standards in the Airbus A320 training phase.

The History of the MPL

Commercial Pilot Licence and Instrument Rating

The route to becoming an airline pilot meant obtaining your Commercial Pilot Licence and Instrument Rating (CPL/IR).

Not only was this a lengthy process, the format of this training, developed shortly after the Second World War, remained unchanged for over 25 years.

Technology, aircraft design, and aircraft systems advanced considerably over the same period, outdating this way of training airline pilots.

The old CPL/IR was designed in an era where newly qualified commercial pilots were most likely to spend a number

of years flying slower, turbo propeller aircraft, before they ever had the opportunity to fly jet aircraft.

Today it is recognized that the entry level for newly-qualified airline pilots is a co-pilot on the world's most modern, highly sophisticated and complex jet aircraft.

This led to the birth of the MPL.





The Multi-Crew Pilot Licence (MPL)

Fully supported and promoted by ICAO, the MPL is now increasingly being adopted and embraced by civil aviation authorities and airlines around the world.

ICAO recognise that MPL training is airline relevant, using the latest methodology, the most technically advanced aircraft simulators and experienced airline training instructors.

The use of the state of the art aircraft simulators allows cadets to experience system failures, weather phenomena and practice emergencies. These would not be possible to replicate or experience whilst training in an actual aeroplane.

For the first time.

MPL training incorporates Threat and Error Management (TEM) into the entire training programme. The MPL is a competency based training

programme that ensures you reach the required skills and behaviours before you can progress to the next level of training. On graduation, you will be fully prepared and ready to enter active airline service.

The emphasis of the MPL programme is training you to function as an integral member of an airline's multi-crew operational environment.

This develops a higher level of safety and human factors awareness, learned from aviation incidents and accidents over the years.

To summarise, the MPL course is one of the most efficient, effective and relevant methods of training future airline pilots.



Course Structure

The MPL Programme structure offered by Alpha Aviation Academy (UAE) 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 Air Arabia)

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.



The Assessment

Ensuring that you are prepared for these challenges is of utmost importance to us and you.

Piloting a commercial aircraft can be a very challenging but rewarding career and requires a high level of discipline and dedication.

Assessments take place in the UAE to determine your learning skills and to establish if you have the required level of ability and skill to successfully complete the rigorous training programme.

Whilst previous experience is not a requirement, you must demonstrate a keen determination to become an airline pilot. We specifically look for these qualities through a series of exercises, tests and interviews.

The assessment consists of five main phases:

Phase 1 - English Language, Mathematics and Physics Testing.

English is the international language of aviation. It is a regulatory requirement that all key aviation personnel must demonstrate ICAO Level 4 competency in English before licence issue.

You will therefore be tested on your comprehension of the English language as well as your fundamental understanding of Mathematics and Physics.



**To schedule an assessment, please email us your CV to mpl@aag.aero.
Our Cadet Recruitment Officers shall be able to assist you further.**

Phase 2 - Computer-Based Aptitude Testing

You will be further assessed by a computer-based programme, that analyses your memory, co-ordination, orientation skills, learning aptitude, and ability to extract relevant information in a multi-functional environment.

This is to determine if you possess the fundamental personality traits and determination considered a prerequisite to becoming an airline pilot.

The interview also forms part of your English language assessment.

Phase 3 - Psychometric Evaluation

You will be required to sit a basic test that checks and deciphers your personality. It will reveal your strong points as well as any potential weaknesses.

Successful cadets at this stage will be invited to attend a final interview with our training department

Phase 5 - Medical Examination

Medical fitness is a key requirement for a career as a commercial pilot.

Phase 4 - Interview

The final, and most important stage will be an interview with a panel of experienced aviation professionals.

Cadets will be required to undergo a UAE Class 1 Medical Examination to complete the selection process.

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 our partner flying academy.





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



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 a 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).



Airbus A320 Base Training

The final stage of training is completed with a series of take-offs 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 Air Arabia's apartments or elsewhere in the area.

To be accepted for the MPL training programme, all applicants must:

- ▶ Be between 17 and 33 years of age (join prior to 33rd birthday)
- ▶ Be able to pass a UAE GCAA Class 1 Medical examination
- ▶ Minimum height requirement of 160 centimetres
- ▶ Have at least a high-school (or equivalent) level of education
- ▶ Have successfully passed the cadet assessment and interview.

If you are not a citizen of the GCC, (UAE, Saudi Arabia, Bahrain, Kuwait, Sultanate of Oman, and Qatar) you will require a visa for the duration of the course.

Our HR department will be able to advise you further.





Why consider a career as an airline pilot?

There is no better time to become an airline pilot and enjoy the rewards it brings. Presently the industry is experiencing an acute and worsening worldwide shortage of qualified pilots. Market analysis forecast a huge increase in the number of new pilots required by airlines worldwide.

What is the MPL?

The MPL was developed by a panel of experts from 25 different ICAO member states following an ICAO review in 2001. The benefit of the MPL is that pilots are trained from day one to be airline pilots in a multi-crew environment.

Do I need previous flying experience?

No.

What if I already have a pilot licence or flying experience?

As per regulations by ICAO, no credit shall be provided for any licences, ratings or hours logged towards MPL training. However, the total number of flying hours logged, if certified, shall be carried forward towards the total on appropriate approval from our training department.

What type of equipment is used?

The advantage of the MPL programme is that it is designed around the use of the most advanced training equipment in the aviation industry. In addition to the computer based training during the ground school phase, a variety of flight simulators are used. The Airbus A320 Level D Full Flight Simulator is identical to the flight deck of an Airbus A320 aircraft and others totally realistic training.

How long is the course?

The MPL programme is designed to be completed within 18 months as per GCAA regulations.



What language is used?

The course is taught in English, and all course materials are English. As required by ICAO, you will need to achieve the required level 4 of proficiency in the English language before your licence can be issued.

Will I need additional training before I can start working for an airline?

No. The advantage of the MPL programme at Alpha Aviation Academy (UAE) is that when you graduate you are fully qualified and prepared to commence active airline duties as a co-pilot and will be placed directly with our partner airline to complete your line training.

What type of Licence will I have?

When you successfully complete the course, you will be awarded a Multi-Crew Pilot Licence (MPL) issued by the General Civil Aviation Authority UAE (GCAA).

This can then be converted into a Worldwide recognized ATPL licence once you have acquired 1,500 hours of flying experience, no additional exams are required once the experience requirements of minimum 1,500 flying hours is met.

What type of Aircraft will I be able to fly?

You will be trained and licenced to fly the Airbus A320 series of aircraft. The Airbus A320 type rating, which is included as part of the course, is valid for A318, A319, A320 and A321 series aircraft.

What if I wear glasses?

You may fly with glasses or contact lenses, subject to medical criteria being met.

Multi-Crew Pilot Licence

in partnership with Air Arabia

Reaching for the skies...

...has never been easier with Alpha Aviation Academy's Multi-Crew Pilot Licence (MPL) Programme in partnership with Air Arabia.

- ▶ We provide a route to becoming a professional airline pilot with our MPL programme and a great career
- ▶ 1,500 hours of flight experience on the Airbus A320 with Air Arabia on successful completion of MPL training
- ▶ Approved by the U.A.E. General Civil Aviation Authority (GCAA)
- ▶ 100 MPL graduated First Officers currently flying with Air Arabia, and have started their flying career

MPL (Multi-crew Pilot Licence), is the latest cutting edge programme designed by ICAO (International Civil Aviation Organisation), to get the maximum benefit from advanced full flight simulation, to improve the quality of training, thus improving the safety standards in flight deck operations, as opposed to the traditional commercial pilot's licence/instrument rating (CPL/IR). The MPL offers a competency-based method, ensuring you reach the required level of skill in each phase, as you progress towards becoming an airline pilot.



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