

Multi Crew Pilot License (MPL)

International Aviation Training Show - 2014

Abu Dhabi, UAE
27th February 2014



About Alpha Aviation Academy



- Launched in 2008, Alpha Aviation Academy UAE is Located at Sharjah International Airport
- Managed by Air Arabia, AAA is currently the largest Multi-crew Pilot License (MPL) facility in the Region
- Over 80 Cadets already graduated and flying the Airbus A320 with Air Arabia
- 130 Cadets currently under training



About Air Arabia

العربية للطيران
airarabia.com

- Air Arabia is the Middle East and North Africa's first and largest Low Cost Carrier
- ABY flies to more than 86 destinations across Middle East, North Africa, Asia and Europe
- Operates one Aircraft type, the Airbus A320
- Current fleet consists of 34 new Aircrafts with an existing order for 44 more



About MPL – the beginning

- Traditional route to become a Commercial Pilot was obtaining a Commercial Pilot License and Instrument Rating (CPL/IR)
- 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
- 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



About MPL – the confirmation

- 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 License (MPL)

- Fully supported and promoted by ICAO
- Increasing, being adopted and embraced by Civil Aviation Authorities and Airlines around the World
- ICAO recognize that MPL training is airline relevant, using the latest methodology, the most technically advanced aircraft simulators and experienced airline training instructors
- MPL training incorporates Threat and Error Management (TEM) into the entire training program.
- MPL is a competency based training program that ensures the students reach the required skills and behaviors before they can progress to next level of training
- **MPL course is one of the most efficient, effective and relevant methods of training future airline pilots**

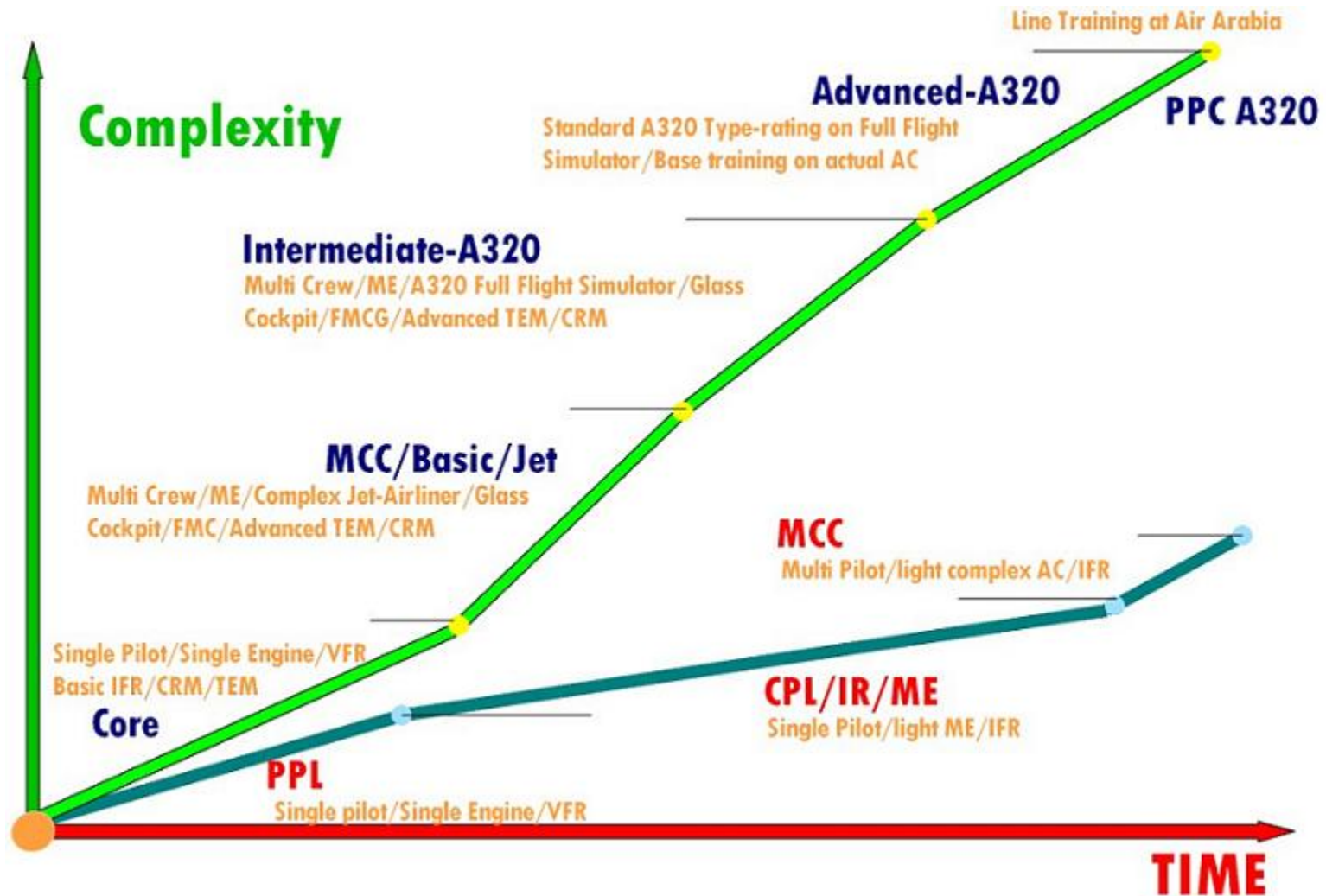


MPL - for the candidates

- Direct entry to Co-Pilot
- First Job guaranteed
- Airline Standard Training
- Airline Experienced Instructors
- Less investment than the traditional cycle CPL – Type Rating – Line Training
- But more challenging and demanding than traditional CPL



MPL - for the candidates



MPL - for the Airlines

- Tailored Pilots
- Lower investment
- Less time to have F/O trained



MPL - Program

- AAA/ABY MPL program consists on:
 - 18 Months of training
 - 845h Ground School
 - 70h real flight time
 - 219h Simulator Training
 - 1500h flying A320



MPL - Program

- **Assessment**

- Airline Level Assessment
- Phase 1 – English Language, Mathematics and Physics testing
- Phase 2 – Psychomotor evaluation. Computer-based aptitude testing
- Phase 3 – Psychometric evaluation
- Phase 4 – interview
- Phase 5 – Medical Examination (Class 1)



MPL - Program

- Ground School

- EASA ATPL Syllabus
- 845 Hours
- Mix of classrooms and CBT practice



MPL - Program

- Core Flying Phase

- Completed in Europe
- 70 Hours single engine piston
- Solo flight
- Night Flight
- Basic Instruments Flight
- Recovering from unusual attitudes
- Modern and advanced Aircrafts



MPL - Program

- Basic Flying Phase

- 72h Multi-engine jet Advanced Simulator
- Crew Resource Management (CRM)
- Threat and Error Management (TEM)
- Advanced instrument flying
- Contains Multi Crew Cooperation Course (MCC)



MPL - Program

- Intermediate Flying Phase

- 39h MFTD + 48h Full Flight Simulator
- Preparing Cadets for the Airbus A320
- Airbus A320 Systems
- FMS
- ECAM
- Airline Standard Operating Procedures (SOP)
- Ground Operations Scenarios



MPL - Program

- **Advanced Flying Phase**

- 60h on Full Flight Simulator
- Training the students to fly the Airbus A320 (Type Rating)
- Cockpit identical to Aircrafts in the Fleet
- Experience and practice full range of emergency situations
- Abnormal procedures
- Recovery maneuvers
- License Skill test at the end of the Phase



MPL - Program

- Airbus A320 Base Training

- Final Stage of the Training
- 9 Take-offs and Landings with Real Airplane



Thank you!

Questions?

