

MCC - Multi Crew Co-operation Course

GENERAL

Multi Crew Co-Operation course is essential to fly as an airline crew member in Multi Pilot Aircraft (MPA). MCC course is required (or is significant advantage) to be completed by most airlines before an interview.

The MCC course is approved by the Italian Civil Aviation Authority (ENAC) under the requirements of JAR-FCL and is conducted over a period of 12 working days, comprising 25 hours of ground studies and 40 hours of simulator training. It is a non-jeopardy course, without the pressure of examinations or a flight test, and leads to award of the MCC Certificate, subject to satisfactory attendance.

The curriculum combines classroom and simulator activity to introduce and promote the non-technical skills that contribute significantly to aviation safety.

Instruction is provided, both in the classroom and the simulator, by our team of professional, airline experienced training instructors, each with a wealth of flying experience and an urge to pass on to the next generation of pilots, the knowledge and enthusiasm accrued over many years in the aviation profession.

Those candidates who will complete the course with a proficiency above the average, upon request, will be assisted by Aeroclub Varese Management in gaining employment in the industry.

Entry Qualification

To participate in the MCC course, candidates must hold or recently Held a CPL (Commercial Pilot Licence) and IR (Instrument Rating)

Training Syllabus

The course is spread over a period of twelve days and includes 25 hours of formal ground instruction covering the JAR syllabus (1.261) and 40 hours of dual synthetic flight instruction. The synthetic flight instruction is conducted by highly experienced ex-airline training captains on a FNTP II Flight Simulator.

Course description

The aim of the course is to introduce newly qualified and relatively inexperienced pilots to become proficient in multi-crew co-operation (MCC) in order to operate safely multi-pilot multi-engine aeroplanes under IFR.

The syllabus is in excess of the minimum requirements. In fact is twice as much as required by JAR (40 hrs simulator time given v/s 20 hrs minimum required) and is dedicated to high quality training.

The extra experience may give you a helping hand if you know you may have some simulator assessment coming up as part of an interview process.

Learning objectives

The objectives of MCC training are optimum decision making, communication, division of tasks, use of checklists, mutual supervision, teamwork, and support throughout all phases of flight under normal, abnormal and emergency conditions. The training emphasises the development of non-technical skills applicable to working in a multi-crew environment.

MCC course also includes the opportunity to practice the skills that are necessary to be effective team leaders and members. This is achieved by training exercises (LOFTS – Line Oriented Flight Training) in which the applicants are crewmembers in the pilot flying (PF) and the pilot not flying (PNF) roles.

Main areas covered in the course are :

- Leadership/"followership" and authority
- Personality, attitude and motivation
- Effective and clear communication during flight
- Crew co-ordination procedures
- Use of checklists
- Mutual supervision, information and support
- Call-out procedures
- Operation of aircraft systems
- Crewmember roles and responsibilities during normal & abnormal operations

COURSE SPECIFICATIONS

Duration

12 days total : 2 days classroom plus 10 days simulator sessions

Classroom Training

During the classroom phase, trainees explore the theory of working within a group situation and the team skills that are employed on the flight deck to enhance crew performance. They examine the relationships between man, machine and the environment and how, by adopting a professional approach, individuals can interact more effectively with, and consequently influence the interface between these elements.

While still in the classroom, trainees will be instructed in flight deck management and operational issues that will arise during the simulator phase of the course, in particular the application of Standard Operating Procedures, (SOPs) during normal, non-normal and emergency flight conditions. These procedures have been adapted from actual airline procedures to provide an environment that is representative of a typical airline operation.

Simulator Training

Simulator training is conducted in 4 hour details over a 10 day period.

Trainees are rostered in pairs, flying as crewmembers in realistic, real time operational scenarios that put into practice the theory learned in the classroom. Each detail comprises 2 flight exercises and by exchanging roles between exercises, trainees gain experience in both the pilot flying and pilot non-flying roles.

The Simulator

The simulator, which is approved, is an advanced Ascent FNPTII-MCC Synthetic Flight Trainer manufactured by Mechtronix Systems Inc. a leading provider in of flight training devices worldwide. Equipped with Garmin 530 GPS, features a 180-degrees field of view panoramic cylindrical Visual System with Rediffun Simulation Inc. RASTER flite Image generator, a real time visual software offering superior resolution and providing locally generated weather, moving models and special effects .

It is modelled on the Beechcraft 200 Kingair, an 18 seater turboprop, commuter aircraft, capable of operating to a maximum altitude of 33,000 feet and True Airspeed of 260 kts.



Price

Payment terms:

€ 4.000 deposit upon course booking in addition to € 400 subscription fee.

Note: the price is based upon two pilots undertaking the course at the same time.

MCC Price Includes

- 25 hours of formal ground instruction
- Course notes
- 40 hours of dual synthetic flight instruction including 20 hours as Pilot Flying (P1) and 20 hours Pilot Non Flying (P2) on Mechtronix Ascent FNTP II Simulator
- Instructor time
- Course Completion Certificate (provided satisfactory completion).