



# LAMINAR

Synergy In Aviation

## Module 1



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## **AIRLINE PILOT STANDARD (APS) Multi Crew Course (MCC)**

Laminar Aviation has customised the **Airline Pilot Standard (APS)** course as a regional first in **Multi-Crew Cooperation (MCC)** to prepare single seat qualified professional pilot for the stringent expectations of a multi-crew type rating.

The primary objective of the course is to enable pilots to achieve core competencies and be proficient in operating complex multi engine transport aircraft. Standard Operating Procedures (SOPs) are taught as part of the syllabus and include normal and non-normal operations in realistic conditions.

Core competencies you will achieve are:

- Learn SOPs to advance your skills to handle realistic scenarios to include normal and non-normal conditions
- Develop teamwork, self-awareness, workload management skills, interpersonal skills, non-technical skills, and decision-making skills, which are essential for becoming a pilot

At the end of this course you will obtain a certificate based around Crew resource Management (CRM) principles.

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## ABOUT THIS COURSE

The airline industry has evolved over the years. The structured program offered through the Laminar Aviation Airline Pilot Standard Multi-Crew Cooperation (APS MCC) complements your prior training for getting a type rating.

**Laminar Aviation** has designed the course to enhance the previous stages of training keeping in mind the rigorous standards that global airlines expect from prospective professional pilots who would like to join an airline.

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### WHAT IS OFFERED IN THIS COURSE



**Duration:** 3 weeks



**Ground school:** 25 hours



**Simulator:** 20 hours Fixed Based Simulator (FBS)

**Required experience:** CPL with ME/IR



**Language:** Minimum English level 4



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# GROUND SCHOOL: 25 HOURS

To gain your Airline Pilot Standards Multi Crew Cooperation certificate, you will be introduced to technical and non-technical skills as well as knowledge to be able to operate a commercial air transport aircraft.

Threat and error management and Crew Resource Management are among the other concepts and skills pilots develop during the APS MCC training.

### **Subjects covered at ground school include:**

- Aircraft Technical Knowledge
- Crew Resource Management (CRM)
- Standard Operating Procedures (SOPs)
- Introduction to Jet Flying
- Dealing with Normal / Non-Normal Procedures

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## SIMULATOR TRAINING – 5 DAYS

You will train on the **Boeing 737NG flight simulator** which include both the FBS and FMS sessions

### **Students complete 5 days (20 hours) of flight training consisting of:**

- 20 hours of Multi Crew Co-operation (MCC) Training
- Fixed / Motion simulators at a leading facility
- Operations on the B737 aircraft
- Application of technical knowledge and skills in a busy environment
- Preparation for the pilot to work under challenging conditions

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## APS MCC COURSE CONTENT

The following competencies at commercial air transport standards including principles of TEM and CRM are developed:

1. Pre-flight preparation
2. Take-off and climb
3. Cruise
4. Descent and approach
5. Landing
6. After landing and post flight procedures
7. Emergency and abnormal procedures
8. Advanced swept wing flying training
  - Take-off, approach, landing, go-around
  - Flight deck management practices
  - Complex problem-solving techniques
  - Advanced handling
  - Manual handling skills (no autopilot, no auto thrust, and where possible, no flight director).

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- Flight at different speeds, including slow flight and altitudes within the normal flight envelope
- Steep turns
- Aeroplane stability and stall awareness
- Upset prevention techniques and approach-to-stall recovery events (appropriate to FSTD limitations and capabilities)
- High-energy approach prevention
- Go-around management of approach and landing configurations

### 9. Advanced airline operations scenario training

- Check-in procedures
- Pre-flight preparation
- Normal procedures
- On time performance
- Non-normal procedures
- CRM Training

### 10. Airline oriented training

All exercises provide the student pilot with a practical understanding of airline operations. This is achieved through a visit to an airline



### WHY SHOULD YOU CHOOSE LAMINAR AVIATION?

- No visa hassles and related costs
- No travel and accommodation expenses
- All ground school and simulator sessions are conducted in an airline training facility using a Level-D Boeing 737 simulator
- Our instructional team have a wealth of Airline and MCC experience that will provide you with an international standard of training
- Our course aims to evolve with the ever changing industry to give you up-to date training that will be beneficial to your future airline career
- Maximize your employment prospects with our airline pilot standard MCC



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# UPON GRADUATION

Upon completion of the course, you will possess the major competencies that global airlines look for.

This includes flight path management with and without automation, keeping in mind regulations and procedures.

By the end of the course you will have developed your situational awareness, work load management, as well as problem solving and decision making.

Since the course is designed around the principles of CRM, you will have enhanced your communication, leadership and teamwork skills.

**Get an edge and set yourself apart to kick start your exciting career in an airline**

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