



# LAMINAR

Synergy In Aviation

## Module 2



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### Jet Orientation Course (JOC)

This course aims to bridge the gap between pilot competencies and the handling skills needed for a straight-wing propeller-driven aircraft as well as the handling techniques needed for Jet Transport aircraft prior to the start of type rating.

A pre-requisite to any airline selection board is the completion of JOC course. To successfully complete a transport jet Type Rating, you also need to understand the handling qualities of a modern jet airliner and be proficient in the flying skills needed to operate a heavy, high performance Aeroplane.

Our Jet Orientation Course has been designed by experienced Airline Training professionals and uses state-of-the-art B737NG simulation technology to develop the additional competencies required before any meaningful attempt can be made at a jet Type Rating.

Our Jet Orientation Course focuses on:

- Flight path management competency, including energy management, as Pilot Flying (PF), and associated active monitoring skills as Pilot Monitoring (PM).
- Manufacturer and airline procedures which are used to develop understanding of the aeroplane flight envelope, inertia and the relationship between thrust and attitude.
- An introduction to upset prevention and recovery (UPRT), which builds confidence, skill, and resilience

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### **ABOUT THIS COURSE**

The airline industry has evolved over the years. The structured program offered through the Laminar Aviation Jet Orientation Course (JOC) complements your prior training for getting a type rating on jet airplanes.

**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



**Simulator:** 8 hours Fixed Based Simulator (FBS) / 8 hours Full Flight Simulator (FFS)

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



**Language:** Minimum English level 4



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# SIMULATOR TRAINING – 4 DAYS

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

**Students complete 4 days (16 hours) of flight training consisting of:**

- 8 hours of Jet Orientation Course (JOC) Training
- 8 hours of Advanced Swept-Wing Jet Aircraft Operations
  - Advanced Airline Operations Scenario Training
  - Final Assessment (including 2 hours Advanced Airline Operations)
- 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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## JOC COURSE CONTENT

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The Jet Orientation Course provides the newly qualified CPL/IR license holders with the airline operation and handling knowledge and brings them to a standard airline entry level. The program content includes:

- Jet aircraft characteristics
- Propulsion and flight handling
- High altitude operations
- Aerodynamics
- Takeoff
- Noise abatement procedures
- Enroute and landing
- Jet flying technique
- Introduction to upset prevention and recovery
- General information

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

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### 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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