

## MCC-TRG

### Training information:

MCC training is a complementary training to a commercial pilot's license authorizing multi-pilots operations. It is a prerequisite for the Multi-pilot type rating.

MCC training is a prerequisite for multi-pilot type rating. Its objective is the development of technical and human skills in order to understand how crew works and human factors concepts.

The training course is divided into 3 parts:

- ➔ Theoretical;
- ➔ Practical MCC;
- ➔ Jet Orientation Course.

<b>Field:</b> Flight instruction	<b>Responsible:</b> François GARBE	<b>Seats:</b> 2
<b>Topic:</b> MCC Crew work training	<b>Educational fees:</b> MCC-TRG: 5250 € / trainee MCC-JOC*: 1100 € / trainee  VAT non applicable	<b>Duration:</b> Theoretical instruction: 25H Practical instruction: 30H JOC option: 6H Total: 55H + 6H optional
<b>Certification:</b> Yes	<b>Funding plan:</b> Yes	<b>Training session:</b> On request
<b>Modalities:</b> On site	<b>Registration contact:</b> contact@flexsim-ato.com	

\* Optional

### Relevant participants:

Pilots wishing to learn how to work as a crew.

### Access delays:

All our trainings are provided « on demand » depending on your availabilities, our instructors/simulators availabilities and administrative deadlines for certain trainings or fundings. (DGAC, CPF, pôle emploi...).

## Objectives:

MCC training includes both theoretical and practical elements. It is designed to achieve training objectives such as monitoring, cross-checking, job sharing, use of checklists, briefings, flight management, use of FMS, normal and abnormal system operations, emergency operations, situational awareness, weather and air traffic control (ATC).

### **Part 1: Theoretical instruction: (25 hours)**

Theoretical instruction provides the candidate with a thorough understanding of the skills required to fly a multi-pilot aircraft.

The purpose of theoretical teaching is to give the candidate:

- A description of the skills required to operate a multi-pilot aircraft;
- A thorough understanding of the factors affecting the knowledge, skills and attitudes required for flight;
- An overview of human factors, the TEM model and CRM principles;
- An overview of SOPs, PF and PM roles;
- An overview of aircraft systems, emergency and abnormal procedures;
- Understanding of the regulatory framework within which an airline must operate.

Module	Duration
TEM and CRM topics	6 hours
Normal Operations and SOP's	6 hours
Non-normal operations	6 hours
Mock-up training	7 hours
<b>Total</b>	<b>25 hours</b>

**Part 2: Practical instruction (30 hours) – Boeing 737NG – 800 (FBS)**

The purpose of the simulator training is to train the candidate to use the skills acquired during the theoretical part, with the aim of operating a multi-pilot aircraft, while continuing to apply the concepts of TEM and CRM, in a commercial operating environment.

Session	Duration
TRG-MCC Session 1	4 hours
TRG-MCC Session 2	4 hours
TRG-MCC Session 3	4 hours
TRG-MCC Session 4	4 hours
TRG-MCC Session 5	4 hours
<b>Total</b>	<b>20 hours</b>

All simulator sessions include 1 hour of briefing and 1 hour of debriefing.

**Part 3: Practical instruction (6 hours) – Boeing 737NG – 800 (Full Flight)**

The MCC-ADV (JOC) course complements the MCC-TRG training. This module includes 4 hours of simulator during which high performance aircraft issues are addressed (fundamentals of piloting (RAW DATA), prevention and recovery training following a loss of control (UPRT).

Session	Duration
MCC-JOC Session 1	4 hours
<b>Total</b>	<b>4 hours</b>

All simulator sessions include 1 hour of briefing and 1 hour of debriefing.

**Requirements:**

The candidate wishing to register for the training must meet the following conditions:

- ➔ have completed a minimum of 70 hours of flight experience as a PIC on aeroplanes;
- ➔ hold a multi-engine IR(A);
- ➔ have passed the theoretical examinations of the ATPL(A)

## Program and schedule:

Generally, training takes place as follows. However, it is subject to change depending on simulator availabilities.

Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7
TRG-MCC Theoretical Instruction Classroom (06:00)	TRG-MCC Theoretical Instruction Classroom (06:00)	TRG-MCC Theoretical Instruction Classroom (06:00)	TRG-MCC Mock-up Classroom (07:00)	OFF	OFF	OFF
Day 8	Day 9	Day 10	Day 11	Day 12	Day 13	Day 14
TRG-MCC SESSION 1 FSTD (04:00*)	TRG-MCC SESSION 2 FSTD (04:00*)	TRG-MCC SESSION 3 FSTD (04:00*)	TRG-MCC SESSION 4 FSTD (04:0*0)	TRG-MCC SESSION 5 FSTD (04:00*)	JOC-MCC SESSION 1 FSTD** (04:00*)	OFF

(\*) +1h briefing and + 1h debriefing

(\*\*) Optional

## Teaching, technical and other resources:

- ➔ TKI, SFI(A) or TRI(A);
- ➔ Classrooms;
- ➔ Manuals, documents and paper and/or electronic check-list;
- ➔ Video projector;
- ➔ Briefing room;
- ➔ Flight simulator;
- ➔ Debriefing room.

The classroom is located **43 Avenue Robert Schuman, 94150 Rungis, France.**

The B737NG simulator is located at **SIMAERO 26 Avenue de la Demi-Lune, 95700 Roissy-en-France, France.**

It is possible to use B737NG **Air France's** simulator located **1 Avenue du Maréchal Devaux, 91550 Paray-Vieille-Poste, France**, but this location implies additional fees (contact us).