



SIMNEST PILOT ACADEMY

AIRLINE
PILOT
STANDARD
MCC

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pilotacademy.simnest.com

COURSE DETAILS

PRACTICAL TRAINING DURATION

12 days

DEVICE

A320 based FNPT II MCC simulator

LOCATION

Budapest - A32 Simulator Center

PAY AS YOU PROGRESS

1.299 EUR after application

4.549 EUR before practical training

ENTRY REQUIREMENTS

- ME/IR skilltest
- PPL(A)
- ICAO English Level 4 or higher
- Minimum age of 18 years

COURSE STRUCTURE

THEORETICAL TRAINING

Distance learning, all materials accessible online, including video training.

PROGRESS CHECKS

Online tests based on each section of the material. Make sure to pass all your checks before practical training starts in the following order:

- JOC: at least 12 days before
- CRM: at least 10 days before
- MCC: at least 5 days before

ONLINE CONSULTATION

You can reach our instructors by email throughout the course and a Google Hangouts video consultation is also available 3 days before practical training starts.

HOME EXAM

Online test, make sure to pass your home exam at least 2 days before practical training.

If practical training starts more than 1 month after your successful home exam, you will need to take a refresher home exam.

RECOMMENDED PREP. TIME

15 days

PRACTICAL TRAINING

40 hours in 12 days

On each day:

- 1 hr briefing
- 4 hrs flying (2 hrs Pilot Flying
2 hrs Pilot Monitoring)
- 30 min debriefing

Day 5 and 10 are off days



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TOPICS

THEORETICAL

Jet Orientation (JOC):

- Aerodynamics, jet engines, high altitude flying
- Fly-by-wire basics, handling the inertia, how to use the sidestick
- Flap logic, thrust lever gates
- Primary Flight Display (PFD), Navigation Display (ND)
- Autopilot Approach Mode (APPR) and Instrument Landing System (ILS)
- Raw data basics and speed control in various flight modes
- 45° turns and bank protection, turn radius, preparation advice

Crew-Resource Management (CRM):

- The human element
- Communication
- Decision-making
- Situational awareness
- Teamwork
- Leadership
- Followership
- Threat and Error Management (TEM)

Multi-Crew-Cooperation (MCC):

- The operation of a multi crew aircraft
- Checklists
- System related procedures
- Briefing
- Onboard documents

Airline Pilot Standards (APS):

- Airline structures, Operation Manuals
- Performing a flight for an airline
- On time performance, economy
- Performance calculation
- Flight preparation
- WX, NOTAMs
- Communication

PRACTICAL

Day 1 - 3 (Jet Training):

- Raw data airwork
- Jet aircraft flying exercises

Day 4 (MCC familiarization):

- Aircraft familiarization
- System knowledge

Day 5: day off

Day 6 - 9 (Advanced MCC):

- Airwork exercises, briefings, call-outs
- Airwork with Operational Flight Plan (OFP)
- Failures
- Situational awareness
- Line Oriented Flight Training (LOFT) with OFP
- Complex failures
- Time pressure

Day 10: day off

Day 11 - 12:

- Advanced Airline Operation Scenario Training (AAOST)
- Examination



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