

Course Duration: **5 days**
40 classroom hours

Proficiency Requirements - Flight Dispatch Personnel (ICAO)

Proficiency requirements for flight dispatch personnel, as well as acceptable methods of training of Flight Operations Officer/Flight Dispatcher are described in ICAO Doc 7192 Part D-3.

EU OPS Requirements

ORO.AOC 135 (previously OPS 1.205) – Adequacy and Competency of Personnel

"An operator shall ensure that all personnel assigned to, or directly involved in, ground and flight operations are properly instructed, have demonstrated their abilities in their particular duties and are aware of their responsibilities and the relationship of such duties to the operation as a whole."

GM1 ORO.GEN.110 (c) Operator responsibilities

OPERATIONAL CONTROL

"(b) If the operator employs flight operations officers in conjunction with a method of operational control, training for these personnel should be based on relevant parts of ICAO Doc 7192 Training Manual, Part D-3. This training should be described in the operations manual"

Advanced Flight Dispatch Training Programme by Alpha One

Advanced Flight Dispatch Techniques training is a logical step forward once the candidate acquires initial Flight Operations Officer qualification and gains certain experience in operations environment.

Programme consists of 40 instruction/training hours and is focused on theoretical knowledge and practical skills related to more complex flight dispatch tasks typically performed by experienced, senior Flight Operations Officers. A recommended entry level criterion for students in Advanced Flight Dispatch Techniques Course is successfully completed initial FOO training or at least 3 years of active practical experience in flight dispatch/operations control department.

Advanced Flight Dispatch Techniques Course will expose the students to the most complex flight dispatch cases and situations (DPP/Re-clearance planning, isolated destinations, optimisations), provide in-depth understanding of international operations, ETOPS flight planning and flight monitoring/inflight assistance, as well as latest industry standards in CNS/ATM and flight economy management. Students will also have a chance to familiarise with pilot view and perspective related to the same subjects.

Advanced Flight Dispatch Introduction

2 hours

- Advanced flight dispatch topics and disciplines overview
- Review of foundation knowledge

International Flight Planning

6 hours

- International operations – introduction and standards
- Understanding the area/country requirements and specifics
- Asia/Pacific briefing
- Canada/USA briefing
- Caribbean and South America briefing
- Africa briefing
- Europe, Russia, CIS briefing
- Middle East briefing
- Security, no-fly zones, airspace risks

Flight Optimisation Scenarios (DPP/RCR Planning)

4 hours

- Flight optimisation scenarios
- Fuel enroute alternate
- Decision Point Planning / Re-clearance
- Operations to isolated airports
- Use of various cruise schedules

**Oceanic and Polar
Operations****4 hours**

- Operating requirements, conditions, rules and regulations
- Organised Track Structure and procedures
- North Atlantic (NAT/MNPS)
- North Pacific
- South Pacific
- Indian Ocean
- Polar operations

**ETOPS (and EROPS)
Operations****10 hours**

- Regulatory requirements
- Aircraft systems, maintenance and certification requirements
- Airport considerations, suitability, planning and operating minima
- Flight planning requirements and practices, critical fuel scenarios, effect of alternate selection on ETOPS planning, ETOPS dispatch check list
- ETOPS flight dispatch concepts and practical guidelines
- Flight monitoring and inflight assistance
- Occurrences and emergencies in ETOPS operations
- Practical ETOPS exercises

CNS/ATM**4 hours**

- FANS – Future Air Navigation Systems
- PBN – Performance Based Navigation and RNP/RNAV approaches
- ADS-B, ADS-C Surveillance

**Drift-Down /
Operations Over High
Terrain****2 hours**

- Regulatory requirements
- High terrain areas worldwide
- Drift-down and escape routes
- Area Navigation (RNAV, RNP)
- Flight planning considerations and operating practices in high terrain areas
- Operations at high elevation airports

Flight Economy**2 hours**

- Introduction / Airline Cost Structure
- Eco Fuel tankering
- Route economy
- Speed and profile economics
- Crew economics
- Cost Index

**Advanced Aviation
Weather for Flight
Dispatch****4 hours**

- All-Weather operations
- Meteo charts and satellite weather maps – practical flight dispatch application
- Weather hazards – regional specifics

**Assessment and
Closing****2 hours**