



**Course**

**Course Description**

**Course Topics**

**Course Duration**

# Long Range Navigation

for Flight Dispatcher (NAT, MNPS, ETOPS)

The object of this **MNPS** training course is to give the students a good general knowledge of the regulations and requirements for Flight in **NAT MNPS airspace** as well as the requirements for **ETOPS operation**.

According to the **North Atlantic Operations Manual** provided by **ICAO**, (European and North Atlantic Office) pilots **MUST NOT** fly across the North Atlantic within MNPS airspace, nor at flight levels 290 to 410 inclusive, anywhere within the NAT Region, unless they are in possession of the appropriate approval (s) issued by the State of Registry or the State of the Operator.

In commercial air transport operations, two-engined aeroplanes shall only be operated beyond the threshold distance if the operator has been granted an **ETOPS operational** approval by the competent authority. **The course fulfills the requirements of EASA regulations Part SPA.**

**Flight management NAT:**

- Definitions
- Threshold time
- Requirements and approvals
- Flight planning requirements and concepts
- Aerodromes
- Rule Distance and Alternate Airports
- Organised Track System

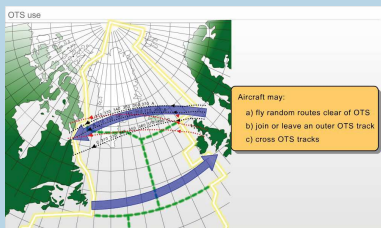
**MNPS airspace:**

- Definitions
- Aircraft system requirements
- Route structure
- Flight Planning
- Clearances and Flight Procedures
- Communications
- Mach Number Technique
- System degradation or failure
- In-flight contingencies

**ETOPS:**

- Definitions
- Approvals
- Distances and aerodromes
- One engine inoperative
- ETOPS MEL/CDL
- Fuel loading

3 hours



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PRODUCT INFORMATION