

International Flight Planning

Course Description

International Flight Planning provides dispatchers, flight crews and operational managers with the fundamentals of international flight operations, track systems, FANS, oceanic and polar flight planning, international aviation law and ICAO rules and regulations, and contingency planning essentials.

Become familiar with the procedures and equipment necessary to operate in different types of airspace, and how to plan and complete a successful flight through international airspace. This course is applicable to all aircraft and equipment types.

Course Content

You can select from a wide array of topics, including:

General Operations

- Operational Manual
- Flight Preparation
- Dangerous Goods and Weapons
- Security
- Operational Procedures
- Minimum Altitudes
- Meteorological Information
- NOTAMs
- ATS and ICAO Flight Plan Filing
- RVSM
- MNPS
- ETOPS/EDTO
- Driftdown
- Communication Failure (ICAO)
- Radio/CPDLC Phraseology
- Volcanic Ash
- Restricted Airspace
- Air Traffic Flow Management
- Position Reporting
- Future Navigation Systems
 - ADS-B/ADS-C
 - CPDLC
 - ACARS
 - Required Communication Performance (RCP)
- FMS Databases
- TCAS/ACAS

Fuel Conservation Strategies

- Reclear
- Cost Index
- Fuel Tankering
- Wind/Altitude Trade Considerations
- Off-Optimum Fuel Burn Penalty
- Flap Settings and Holding Considerations
- De-rate and Assumed Temperature
- Route and Altitude Selection
- Overflight Charges

North Atlantic Operations

- Organized Track System
- RLatSM/RLongSM Spacing
- NAR and European Transition Routes/FABs
- HLA Operations (*previously known as MNPS*)
- Flight Planning
- Weather
- Operational Procedures
- Oceanic Clearances
- Emergency and Contingency Procedures

European Operations

- European Commission
- ECAC
- JAA/EASA
- EUROCONTROL
- European Navigation Procedures
- CFMU Internet Application
- Route Availability Document
- German Standard Routes

Pacific Operations

- Flight Planning
- CEPAC Operations
- NOPAC Operations
- OTS/Other Routes
- Regulations, Emergencies and Contingencies
- Weather

SE Asia – Middle East Operations

- Flight Planning
- Preflight Actions
- Communications
- Airspace Control
- Enroute and Terminal Navigation
- Weather and Hazards

South America Operations

- Flight Planning
- Preflight Actions
- Communications
- Europe and North America Routes
- Andes Crossing
- Airspace Control
- Enroute and Terminal Navigation
- Weather and Hazards

CIS and PRC Operations

- AMU and Polar Operations
- Operator Approval and Training Requirements
- AMU Operations
- Polar Routes
- Cold Fuel Management
- Communications
- Navigation

African Operations

- General Considerations
- Weather
- Bird Strike Avoidance
- Airport Ramp and Runway Debris Control
- Rules and Procedures
- Accident Statistics
- CIS and PRC Operations

High Latitude and Polar Operations

- Operator Approval
- Training Requirements
- AMU Operations and North Pole
 - Navigation and ATS Routes
 - Alternate Requirements
 - Airspace Requirements
- Cold Fuel Management
- Communications
- Navigation
- Space Weather
 - Radiation
 - Impact to Communications
 - Impact to Navigation
 - Regulations
- Operations Management

Who Should Attend

Designed for experienced domestic flight crews and dispatchers who are transitioning to international flight operations, or internationally experienced operators looking for a refresher course. Attendees will review the core areas associated with how to plan and complete a successful flight through international airspace.

Course Length and Pricing

The IFO course is delivered in a 1, 2 or 3-day format, depending on modules included. Customers can also customize training to include other recurrent topics, such as PBN, advanced aeronautical charting and advanced aircraft performance. Pricing is based on training location and course duration. Contact us for more information.

Groups of eight (8) or more can schedule custom class dates at Jeppesen or Boeing worldwide training facilities, or at any customers training facility.

Contact Us

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