


 5 days

 40 hours

 Delivered by an approved ICAO PBN coach



Performance-Based Navigation Operational Approvals Workshop

This live workshop addresses the **step-by-step PBN operational approvals process** and provides a **practical assessment exercise**.

State regulators will learn how to guide the air operator through the operational approval process. Air operators will learn how to efficiently submit compliant applications to obtain the PBN operations approval, reducing both time and resource requirements.



This workshop is recommended for personnel carrying out operational approvals assessment for PBN and for operator personnel preparing application for PBN approvals:

- State officials responsible for PBN approvals and for drafting national regulatory material
- Flight operations and airworthiness directors, managers and inspectors
- Airline fleet managers and chief pilots
- Airline regulations and compliance managers
- Airline systems, flight planning and navigation process managers
- Aircraft engineers



ICAO



Workshop schedule

Day 1

- Introduction and workshop overview
- Introduction to PBN:
 - GANP & ASBYs
 - PBN manual
- PBN basics:
 - NAC specs
 - Ops approvals
 - Airspace fundamentals
- PBN theory:
 - PBN concept
 - Aircraft requirements
 - NAV databases

Day 2

- PBN theory (cont.)
- Approaches
- Ops Approvals background and technical considerations
- Ops Approvals – Airworthiness
- Ops Approvals – Continuing Airworthiness
- Ops Approvals – Flight Operations

Day 3

- Ops Approvals Process and steps
 - “How to Guide”
 - Worksheets
 - Process steps

Day 4

- Required Navigation Performance (RNP) Authorization Required (AR) Ops Approvals
- Ops Approval Assessment exercise

Day 5

- Ops Approval Assessment exercise
- Ops Approval Assessment exercise de-brief
- Wrap-up & de-brief
- Certificate

The workshop also includes the learnings and findings from the States that early adopted PBN.

The recommended level of language proficiency is ICAO Operational Level 4 in English.

Attendees will gain access to the PBN Reference Centre, which includes the new ICAO publication “How to Develop PBN Operational Approvals” and an online interactive PBN assessment tool.

This workshop can be offered on demand and tailored to your needs.

For more information, please contact crojas@icao.int