



INTERNATIONAL CIVIL AVIATION ORGANIZATION

**SEVENTH MEETING OF THE PERFORMANCE BASED NAVIGATION
TASK FORCE (PBN/TF/7)**

Bangkok, Thailand, 1 – 3 September 2010

Agenda Item 4: PBN Implementation Issues

**PERFORMANCE BASED NAVIGATION (PBN) OPERATIONAL
APPROVAL HANDBOOK**

(Presented by the COSCAPs)

SUMMARY

The Performance Based Navigation (PBN) Operational Approval Handbook has been developed by CASA Australia in coordination with ICAO and the COSCAP programmes of Asia Pacific. This Handbook has been developed in conformance with the ICAO PBN Manual DOC 9613 and provides additional guidance on PBN Operational Approval requirements.

1. INTRODUCTION

1.1 The purpose of this Handbook is to provide guidance to personnel responsible for the assessment of applications for operational approval to conduct PBN operations. Over the years, a number of regions have established local RNAV and RNP standards which led to complexity in international operations and operational approvals. ICAO has developed the concept of PBN and harmonized the concepts and requirements which are now contained in the ICAO PBN Manual (DOC 9613). The Handbook supplements the information contained in the PBN Manual related to operational approval of PBN.

1.2 Additionally PBN Model Regulations are attached which would provide the regulatory basis for approval of PBN operations.

2. DISCUSSION

2.1 Part 1 of the Handbook provides a summary of the enabling area navigation technology in order to provide operational approval inspectors with the technical background necessary for an informed and consistency management of PBN operational approvals.

2.2 Part 2 of the Handbook discusses approval of operations for each of the navigation specifications included in the PBN Manual.

2.3 Part 3 of the Handbook provides operators and inspectors with guidance on the process to be followed in order to obtain a PBN operational approval.

2.4 States could adapt the model regulations or use them as guidance to confirm that their current regulations can support PBN operational approvals.

2.5 The Performance Based Navigation (PBN) Operational Approval Handbook and the Model Regulations are available on the ICAO Asia Pacific website at http://www.bangkok.icao.int/meetings/2010/pbn_tf7/index.html

3. ACTION BY THE MEETING

3.1 The States are invited to note these documents which could form the basis on which the inspectors could provide operational approvals to the operators in their States.

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