



*International Civil Aviation Organization*

**THE THIRD MEETING OF PERFORMANCE BASED NAVIGATION  
IMPLEMENTATION COORDINATION GROUP (PBNICG/3)**

Bangkok, Thailand, 08 – 10 March 2016

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**Agenda Item 5: States' PBN Implementation Progress**

**b) Review and adoption of PBN Implementation Progress Report results**

**PBN IMPLEMENTATION STATUS OF VIETNAM**

(Presented by Viet Nam)

**SUMMARY**

This paper presents information on the latest progress of PBN implementation in Viet Nam.

**1. Introduction**

1.1 ICAO Assembly resolution A37-11 urged all States to implement RNAV and RNP air traffic services (ATS) routes and approach procedures in accordance with the ICAO PBN concept laid down in the Performance-based Navigation (PBN) Manual (Doc 9613).

1.2 Viet Nam has considered the benefit of PBN and quickly bring up the priority of PBN flight procedure design and other activities

**2. PBN update**

- WGS-84 survey: 15 airports have been surveyed under the ICAO Doc guidance, the remaining 6 airports will be surveyed by 2016.
- eTOD area 2 project for Noi Bai and Tan Son Nhat international airport will be finished by Q. II/2016
- 5 airports have been designed by PBN (Phu Quoc, Cam Ranh, Lien Khuong, Phu Bai, Con Son with RNP1 for departure/arrival)
- Parallel RNAV 5 Routes from Hanoi to Danang and Ho Chi Minh expect to be put into operation in Q. II/2016.
- Coordination with Lao PDR, Cambodia to establish the RNAV 5 routes (4 RNAV5routes)

**3. Other issues**

3.1 Vietnam has signed contract with Aero Thai for RAIM service, which is expected to be put into operation on Q. III/2016

**4. Action required by the meeting**

4.1 The meeting is invited to:

- a) note the information contained in this paper; and
- b) discuss any relevant matters as appropriate.

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