

e-mail to epowell.fj@gmail.com; ilaitia@caafi.org.fj; standards@caaf.org.fj;

Ref: AP-ATM0145
To: Chief Executive
Civil Aviation Authority of the Fiji Islands
From: ICAORD, Bangkok
Subject: **PBN Plan Update**

The Asia Pacific PBN Task Force continues to review all State PBN implementation plans submitted to the ICAO Asia Pacific Regional Office. The intent of the review is to assess the quality and readiness of State plans, and to identify regional implementation challenges and harmonization issues.

Part of the review and follow-up process includes individual plan assessment letters issued to each State, providing confidential feedback and recommended improvements.

Plan review criteria were developed using the Asia Pacific PBN Regional plan. 10 Basic Plan Elements (BPEs) identified in the Regional plan are considered the minimum areas required to be adequately addressed in a State plan. A summary list of the BPEs is **attached** for reference.

The PBN plan submitted by Fiji is considered a **robust** plan with only two areas identified as needing improvement:

With regard to BPE 2 (Assessment of CNS Infrastructure), while the plan references Fiji's historical use of ground-based navigation aids, and the need to transition to a GNSS based infrastructure, no mention is given as to the overall status of Communications, Navigation and Surveillance capabilities or what existing capabilities will be leveraged to support PBN implementation.

With regard to BPE 10 (Description of the tangible benefits), it is noted that Fiji's PBN plan lists the generic benefits of PBN. A clear description of specific benefits to be achieved through each implementation can help provide a rationale and justification for further investment, provide a benchmark to substantiate further improvements, and demonstrate Fiji's commitment to safety and the environment.

Recommended Actions:

Reference the following documents to revise the PBN Implementation Plan:

- The PBN State Plan Harmonization Report;
- The Asia Pacific Regional PBN Implementation Plan;
- The ICAO PBN Manual.

Report your challenges and shortfalls with PBN planning and implementation and identify any assistance you might require.

Your efforts to achieve early implementation are applauded. We urge that you continue on the path of harmonization and allowing access to the greatest number of users possible.

Regards, Mokhtar A. Awan
File: T3/8.30
Date: 16/04/12

ATTACHMENT

Basic Plan Elements	Regional Plan References
1. Policy and Implementation Planning Formation of a key working group Standards & Requirements in accordance with ICAO Communication with Stakeholders	4.0
2. Assessment of CNS infrastructure	6.11-6.16
3. Assessment for PBN fleet readiness Based on actual operator traffic	6.4-6.7
4. Selection of appropriate PBN navigation specification	7.3-7.18
5. Strategies for en-route implementation Key Traffic flows and city pairs identified Domestic International Harmonization in en-route, across FIR	5.4-5.9
6. Strategies for terminal area implementation, including timeline Specify terminal areas selected for implementation by 2010	5.10- 5.11
7. Strategies for Instrument approach implementation, including timeline Specify procedures selected for implementation by 2010 APV (Baron-VNAV and/or augmented GNSS) Designate RNP APCH (LNAV or LNAV/VNAV) Designate RNP AR APCH (with operational justification)	4.16(b) / 5.12-5.13 / 7.8-7.10 / 7.16- 7.18
8. Transition strategy Include decommissioning plan	4.17(b) / 8.0
9. Safety Assessment Pre- and post- implementation safety assessments conducted in accordance with ICAO provisions Seek guidance and technical assistance from RASMAG Periodic safety reviews undertaken by the State or group of States where required	4.17(a) / 9.0
10. Description of the tangible benefits Benefits to operations derived from PBN implementation	4.10 / Appendix D