



International Civil Aviation Organization

**The Sixth Meeting of the APANPIRG ATM Sub-Group
(ATM/SG/6)**

Hong Kong, China, 30 July – 03 August 2018

Agenda Item 4: ATM Systems (Modernization, Seamless ATM, CNS, ATFM)

PERFORMANCE BASED COMMUNICATIONS AND SURVEILLANCE (PBCS)

(Presented by the United States of America, Federal Aviation Administration / Japan, Japan Civil Aviation Bureau / International Air Transport Association)

SUMMARY

This paper requests Asia/Pacific Region's readiness/updates for implementation of Performance-Based Communications and Surveillance supporting performance-based separations and State readiness to issue operational approval for PBCS aircraft.

1. INTRODUCTION

1.1 Requirements for the development of PBCS policies and objectives supporting safety oversight of aircraft operator and aircraft system PBCS operations apply to ALL States of Registry.

2. DISCUSSION

2.1 The Asia Pacific Region agreed to implement PBCS not later than 29 March 2018. This implementation was supported by APANPIRG/27 conclusions 7, 8 and 9:

- *Conclusion APANPIRG/27-7 PBCS Operator Requirements* urges states to ensure policies procedures are established and promulgated to enable airlines to operate in airspace where PBCS has been implemented;
- *Conclusion APANPIRG/27-8 State Implementation of ICAO provisions for PBCS* urges states that plan to apply separations using PBCS ensure capabilities to process the ICAO FPL indicators and have a common implementation date; and
- *Conclusion APANPIRG/27-9 Asia Pacific Region PBCS Transition Strategy* endorses the region's transition strategy (which included the target date of not later than 29 March 2018).

3. ACTION BY THE MEETING

3.1 The meeting is invited to:

- a) discuss any relevant matters as appropriate, and
- b) provide updates on State readiness to issue operator approval.

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