



INTERNATIONAL CIVIL AVIATION ORGANIZATION

**TWENTY SIXTH MEETING OF THE ASIA/PACIFIC AIR NAVIGATION
PLANNING AND IMPLEMENTATION REGIONAL GROUP
(APANPIRG/26)**

Bangkok, Thailand, 7 – 10 September 2015

**Agenda Item 3: Performance Framework for Regional Air Navigation Planning and
Implementation**

3.6: Other Air Navigation Matters

REGIONAL WORKSHOPS

(Presented by Singapore and the United States of America)

SUMMARY

This paper presents information on regional workshops on various topics conducted by Singapore and the United States, in order to share information and improve air traffic management capabilities in the Asia-Pacific Region.

1. INTRODUCTION

1.1 On 24 September 2013, the Director-General of the Civil Aviation Administration of Singapore (CAAS) and the Administrator of the Federal Aviation Administration (FAA) signed a Memorandum of Cooperation, to increase collaboration in air traffic management. A key driver for this agreement was CAAS's efforts to develop Singapore as a Center of Excellence (CoE) for Air Traffic Management (ATM).

1.2 As a result of this agreement, CAAS and FAA conducted a Regional Workshop on ASBU Implementation in August 2014 in Singapore, as described in WP/15 at APANPIRG/25.

2. DISCUSSION

2.1 On 6-8 July 2014, CAAS, FAA and Eurocontrol met to discuss performance measurement and the benchmarking of comparable air traffic facilities. The parties agreed to benchmark two metrics, namely taxi-out delay and flight efficiency in the terminal or Arrival Sequencing and Metering Area (ASMA). All three groups see value in joint benchmarking as it provides a unique opportunity to verify operational performance against real world scenarios rather than models or tools that use theoretical inputs. It also offers the potential of reducing analysis costs by leveraging the expertise of the other groups. These discussions are expected to lead to a regional workshop on performance measurement in the future, which could in turn lead to common metrics and the ability to conduct joint benchmarking in the region.

2.2 CAAS, FAA and IATA (International Air Transport Association) are sponsoring a joint workshop on Air Traffic Flow Management (ATFM) to be held 9-10 December 2015 at the Singapore Aviation Academy. Speakers will include representatives from CAAS, FAA, ICAO, IATA, and other ANSPs including AirServices Australia, Civil Aviation Authority of China, Civil Aviation Department Hong Kong, Japan Civil Aviation Bureau, Airports Authority of India, Airways New Zealand, and Aerothai. Topics will include ATFM implementation experiences of the participating ANSPs, as well as information on cross-border ATFM initiatives in different regions.

2.3 CAAS and FAA have also started preliminary planning for a Regional Workshop on Remotely Piloted Aircraft Systems (RPAS) in 2016. The meeting date will be determined once the ICAO Asia-Pacific schedule of meetings, workshops and seminars for 2016 is posted.

3. ACTION BY THE MEETING

3.1 The Meeting is invited to:

- a) Note the information provided;
- b) Consider attending the upcoming workshops on ATFM and RPAS; and
- c) Consider supporting a workshop on common performance indicators for the region.

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