

ELEVENTH AIR NAVIGATION CONFERENCE

Montreal, 22 September to 3 October 2003

Agenda Item 6: Aeronautical navigation issues

**6.2 Navigation policy issues in the light of present and envisaged GNSS services
: and architectures, integration and back-up options**

ASIA/PACIFIC REGIONAL STRATEGIES FOR NAVIGATION SERVICES

(Presented by Australia)

SUMMARY

The development of navigation policy requires the consideration of operational, environmental and economic factors to achieve global harmonisation and interpretability. Strategies developed within the Asia/Pacific Region for provision of precision approach and landing guidance systems and the implementation of GNSS navigation capability are an examples of this consideration.

Action by the conference is in paragraph 3.

1. INTRODUCTION

1.1 The Asia and Pacific Regions through the Asia Pacific Air Navigation Planning and Implementation Regional Group (APANPIRG) have maintained two strategy papers to address provision of precision approach and landing guidance systems and the implementation of global navigation satellite system (GNSS) navigation capability. The strategies were first developed prior to the Special Communications/Operations Divisional Meeting (1995) (SP COM/OPS/95).

1.2 Australia together with the other members of APANPIRG have regularly revised the strategies at APANPIRG meetings as new information has become available.

2. DISCUSSION

2.1 The two strategies; “Strategy for the Provision of Precision Approach and Landing Guidance Systems” and “Strategy for the Implementation of GNSS Navigation Capability in the Asia/Pacific Region”; adopted by the fourteenth meeting of APANPIRG held in August 2003 are presented as attachments to this paper.

2.2 Australia believes that the strategies represent a considered review of current and future technology and building on this understanding propose a sound direction for the guidance of the Asia/Pacific States. The development of both strategies has taken into account operational (traffic type, flows and density), environmental (weather) and economic condition experienced in the region.

3. ACTION BY THE CONFERENCE

3.1 The conference is invited to note these strategies of the Asia/Pacific Region and taken into account operational, environmental and economic conditions in developing navigation policy to ensure global harmonisation and interoperability.

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