

**Twenty Third Meeting of the
Informal South Pacific ATS Co-ordinating Group (ISPACG/23)**

Santiago, Chile, 26-27 March 2009

Agenda Item 3: Review Relevant Work Conducted Since ISPACG/22

RVSM MONITORING BY AIRSERVICES AUSTRALIA

(Presented by Airservices Australia)

SUMMARY

This working paper provides a description of an RVSM monitoring programme implemented by Airservices Australia.

1. INTRODUCTION

- 1.1 WP/15 presented at ISPACG/22 highlighted a problem involving aircraft incorrectly flight planning RVSM approval. During 2007, on a number of occasions controllers in Brisbane Centre became aware that an aircraft that had indicated RVSM approval in the flight plan ("W" in Field 10) was actually not RVSM approved.
- 1.2 As increasing automation is introduced that utilises this flight planned information (e.g. automated conflict detection), there is an ever-increasing need to ensure that this data is accurate.

2. DISCUSSION

- 2.1 As a result of these occurrences Airservices Australia introduced software to monitor flight plans as they are received. This monitoring involves the comparison of Australian registered aircraft flight planning RVSM approval against the CASA RVSM approval database.
- 2.2 If a discrepancy is detected, a warning message is sent to the Flight Data Coordinator who is responsible for inserting a note into the ATS flight plan for action by the controller. In addition, the discrepancy is logged and forwarded to CASA for follow up action with the aircraft operator.
- 2.3 A recent enhancement to this software now also allows the cross-checking of the RVSM status of flight plans received for foreign registered aircraft.

- 2.5 States are reminded of the importance of the continued monitoring of RVSM approvals. In addition to providing sample flight plan to Regional Monitoring Authorities, nothing precludes a State from implementing additional checking of the flight planned RVSM status.

3. ACTION BY THE MEETING

- 3.1 The meeting is invited to:

- a) Discuss the actions taken by Airservices Australia to provide protection against the incorrect flight planning of RVSM;
- b) Consider any additional steps that may be required to ensure the integrity of flight planned RVSM information.