



International Civil Aviation Organization

**The 17th Meeting of the Regional Airspace Safety Monitoring Advisory Group
(RASMAG/17)**

Bangkok, Thailand, 28 – 31 August 2012

Agenda Item 5: Airspace Safety Monitoring Activities/Requirements in the Asia/Pacific Region

REGIONAL SAFETY MONITORING ASSESSMENT

(Presented by the Secretariat)

SUMMARY

This paper presents an overview of Reduced Vertical Separation Minimum (RVSM) safety assessment results from a regional perspective.

This paper relates to –

Strategic Objectives:

A: *Safety – Enhance global civil aviation safety*

Global Plan Initiatives:

GPI-2 Reduced vertical separation minima

1. INTRODUCTION

1.1 APANPIRG/22 noted the on-going work by RASMAG to meet Asia/Pacific Objective 1 (*Airspace Safety Monitoring to Achieve Regional TLS*), and were provided with an overall assessment of Asia/Pacific FIR RVSM TLS Compliance using an FIR chart.

2. DISCUSSION

2.1 The state of Asia/Pacific regional RVSM Target Level of Safety (TLS) compliance is indicated as follows:

- **Figure 1** is as reported to APANPIRG/22;
- **Figure 2** is as reported to RASMAG/16; and
- **Figure 3** is as reported to RASMAG/17.

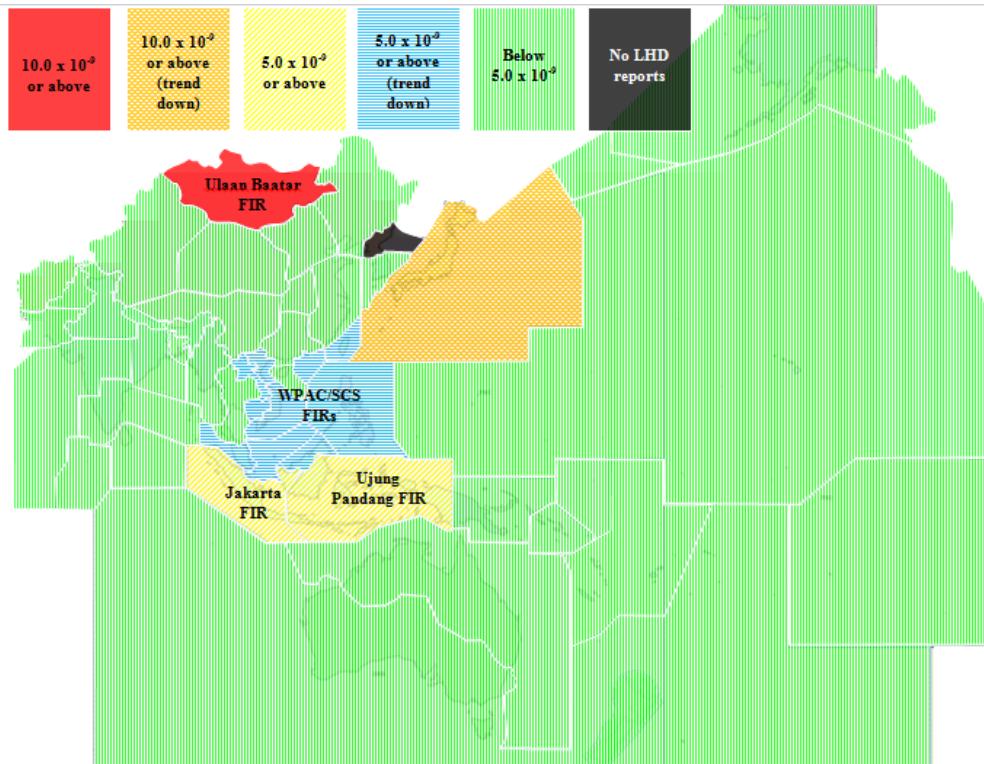


Figure 1: Asia/Pacific TLS compliance reported to APANPIRG/22

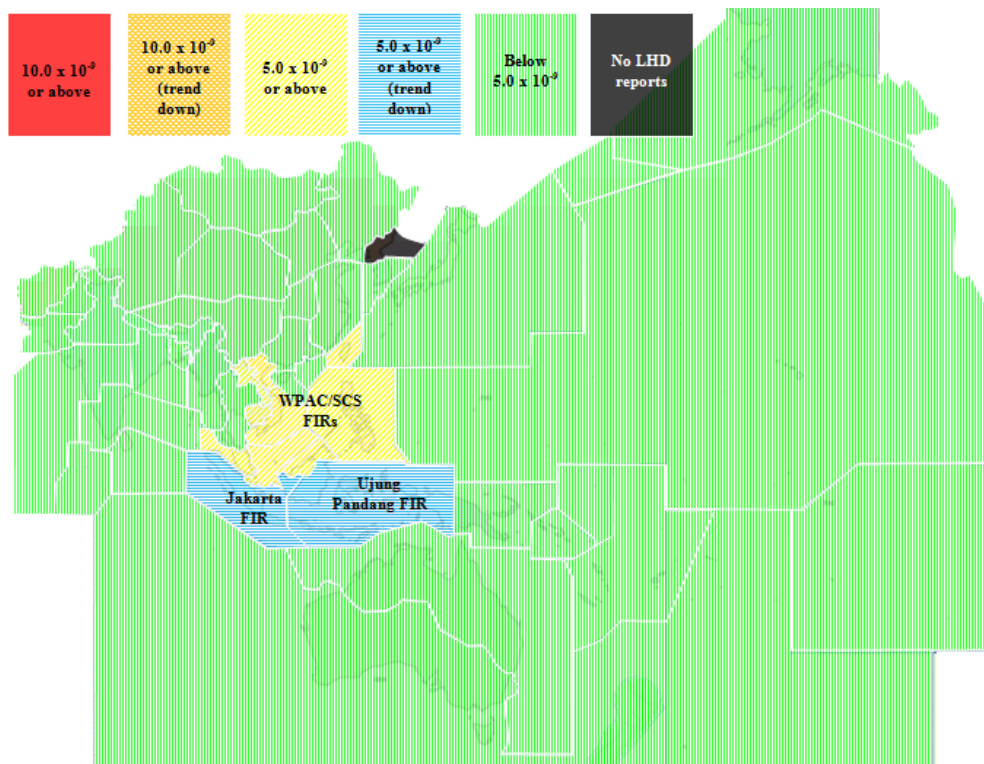


Figure 2: Asia/Pacific TLS compliance reported to RASMAG/16

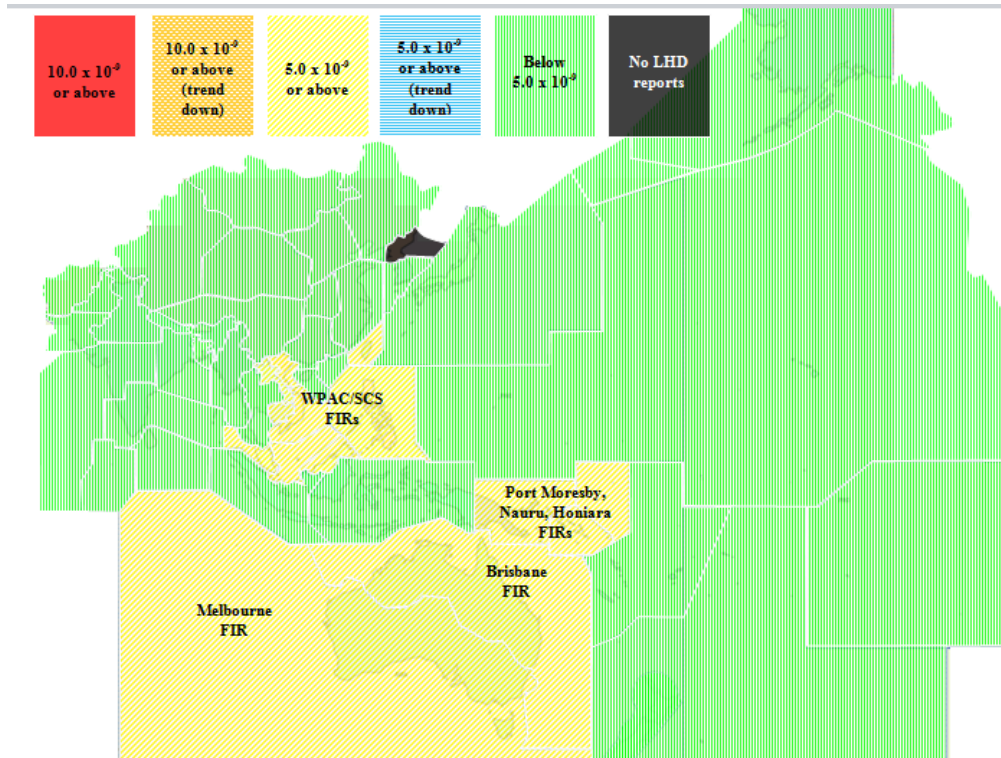


Figure 3: Asia/Pacific TLS compliance reported to RASMAG/17

2.2 The Figures indicate the following sub-regional regional trends.

- **South Asia** continued to operate below the TLS, although there were concerns regarding the interface between Indian and Malaysian airspace. India has previously noted potential lack of reporting of safety issues by ATC.
- **Southeast Asia** had been persistently above the TLS, indicating that the corrective and preventive actions taken had either not been effective or were taking time to have some effect.
- **East Asia** (particularly Mongolia and Japan) had made major improvements, probably as a result of concerted action by the agencies involved such as the Japan Civil Aviation Bureau, and the implementation of AIDC between Japan and the Republic of Korea, as well as the implementation of ATS surveillance in Mongolia. However, the continued lack of reporting from the Pyongyang FIR was a concern.
- **Southwest Pacific** had exhibited a recent upwards trend above the TLS. This airspace had previously been above TLS in in 2010.
- **South Pacific** had been consistently below TLS.
- **North Pacific** had been consistently below TLS, although there were some temporary short duration periods when the TLS had been breached.

3. ACTION BY THE MEETING

3.1 The meeting is invited to:

- a) note the information contained in this paper; and
- b) discuss any relevant matters as appropriate.

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