



*International Civil Aviation Organization*

**The Third Meeting of the Regional Airspace Safety Monitoring Advisory Group  
(RASMAG/3)**

Bangkok, Thailand, 6 – 7 June 2005

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- Agenda Item 4:**           **Review the airspace safety monitoring arrangements in the Asia/Pacific Region and the activities of regional airspace safety monitoring agencies**
- Agenda Item 6:**           **Airspace safety monitoring documentation and regional guidance material**

**PROPOSED TEMPLATE FOR REPORTING THE OUTCOME OF  
AIRSPACE SAFETY MONITORING ACTIVITIES BY SAFETY MONITORING AGENCIES**

(Presented by the United States of America)

**SUMMARY**

RASMAG/1 agreed that a standard reporting format would be useful for safety monitoring agencies to use in reporting the results of their work. Accordingly, the meeting recommended that all safety monitoring groups in the Asia/Pacific Region should adopt a standard report style. This paper presents a template for consideration by the meeting.

**1. INTRODUCTION**

1.1           The First Meeting of the Regional Airspace Safety Monitoring Advisory Group (RASMAG/1) reviewed the reporting procedures adopted by the various groups in the region, and agreed that all reports by the authorized groups related to safety management activities carried out for the international airspace of the Asia/Pacific Region should be made available to the RASMAG. RASMAG would review the reports and present a consolidated annual report to APANPIRG on the state of the safety of the international airspace in the region.

1.2           The meeting agreed that regional monitoring agencies (RMAs) should provide quarterly reports covering traffic sampling and operational errors with an annual assessment report of the achieved level of safety and results of monitoring activity for reduced vertical separation minimum (RVSM).

1.3           Reporting for organizations involved in required navigation performance (RNP) monitoring should be on a six monthly basis. Reporting from organizations such as central reporting agencies (CRAs) should be in accordance with their current reporting schedules to their coordinating groups.

## **2. DISCUSSION**

2.1 RASMAG/1 reviewed the content of airspace safety monitoring reports presented by regional agencies, which were comprehensive and provided essential information in a well laid out and readable format. The meeting agreed that such a report format would be a suitable model for other safety monitoring groups to use in reporting the results of their work. Accordingly, the meeting recommended that all safety monitoring groups in the Asia/Pacific Region should adopt a standard report style. Based on discussions during that meeting, the United States agreed to prepare a model format for use in the Asia/Pacific Region.

## **3. RECOMMENDATION**

3.1 The meeting is invited to review the format and instructions provided at **Attachment 1** and offer recommendations for changes with a view to formalizing and disseminating a reporting format.

Report on the Outcome of Airspace Safety Monitoring Activities  
to the Regional Airspace Safety Monitoring Advisory Group

Instructions for Completion

- Line 1: Name of reporting agency/State
- Line 2: Specific monitoring function provided, i.e. “RVSM”, 50/50, CPDLC, etc
- Line 3: List specific traffic flows, flight information regions or sub-regions
- Line 4: Dates of reporting period
- Line 5: Sources of data collected, i.e. reports from ATS providers, incident reports, traffic data collection data bases, etc
- Line 6: List types of data collected
- Line 7: Specify the agreed target level of safety or performance requirement that is to be met
- Line 8: Provide a summary of the analysis performed, including the outcome.
- Line 9: Explain any operational issues, or steps taken to mitigate the risk identified during the analysis
- Line 10: State the estimated target level of safety or assessment of performance of the system based on the analysis
- Line 11: Provide conclusions based on the analysis and the comparison of the target level of safety or performance standard to the standard/requirements

**Attachment 1**Report on the Outcome of Airspace Safety Monitoring Activities  
to the Regional Airspace Safety Monitoring Advisory Group

1	Reporting Agency	
2	Monitoring Function (vertical/horizontal separation, ATS data link, etc.)	
3	Geographic Area(s) of Responsibility	
4	Period of Report	
5	Data Sources	
6	Data Collection Summary (Large height deviations, gross/lateral navigational deviations, problem reports, etc.)	
7	Target Level of Safety/Performance Requirements	
8	Summary of Analysis	
9	Operational Issues/Mitigating Factors	
10	Collision Risk Estimate/Observed Performance	
11	Conclusions/Recommendations	
12	Supporting Documentation (Appendices)	