



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 6: Review and Update RASMAG Task List

RASMAG TASK LIST

(Presented by the Secretariat)

SUMMARY

This paper presents the Task List that was updated at RASMAG/17 for the meeting's review.

This paper relates to –

Strategic Objectives:

A: Safety – Enhance global civil aviation safety

Global Plan Initiatives:

- GPI-2 Reduced vertical separation minima
- GPI-8 Collaborative airspace design and management
- GPI-9 Situational awareness
- GPI-16 Decision support systems and alerting systems
- GPI-17 Data link applications
- GPI-21 Navigation systems
- GPI-22 Communication infrastructure

1. DISCUSSION

1.1 The RASMAG Terms of Reference (TOR) were last updated by APANPIRG/18 (September 2007). A copy of the TOR is appended as **Attachment 1** to this paper.

1.2 The Task List updated by RASMAG/17 (Bangkok, 20-24 February 2012) is appended as **Attachment 2** to this paper.

2. ACTION BY THE MEETING

3.1 The meeting is invited to:

- a) review the RASMAG TOR; and
- b) review, report on and update RASMAG action items.

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REGIONAL AIRSPACE SAFETY MONITORING ADVISORY GROUP (RASMAG)**TERMS OF REFERENCE OF THE RASMAG**

The objectives of the Group are to:

- a) facilitate the safe implementation of reduced separation minima and CNS/ATM applications within the Asia and Pacific Regions in regard to airspace safety monitoring; and
- b) assist States to achieve the established levels of airspace safety for international airspace within the Asia and Pacific Regions.

To meet these objectives the Group shall:

- a) review airspace safety performance in the Asia and Pacific Regions at the regional level and within international airspace;
- b) review and develop as necessary, guidance material for airspace safety monitoring, assessment and reporting activities, including the duties, responsibilities and scope of regional monitoring entities;
- c) recommend, and facilitate as necessary, the implementation of airspace safety monitoring and performance assessment services;
- d) review and recommend on the competency and compatibility of monitoring organizations and recommend to APANPIRG specific airspace responsibility for individual regional monitoring entities;
- e) review, coordinate and harmonize regional and inter-regional airspace safety monitoring activities;
- f) review regional and global airspace planning and developments in order to anticipate requirements for airspace safety monitoring and assessment activities;
- g) address other airspace safety related issues as necessary;
- h) facilitate the distribution of safety related information to States, and
- i) provide to APANPIRG comprehensive reports on regional airspace safety and coordinate with other contributory bodies of APANPIRG as appropriate.

TASK LIST

To review the safety monitoring programmes in the Asia and Pacific Regions for implementation and operation of:

- a) reduced vertical separation minimum (RVSM);
- b) reduced horizontal (lateral and longitudinal) separation minima using PBN;
- c) aircraft separation applications using data link, e.g. ADS and CPDLC; and
- d) ATS Unit to ATS Unit operational messaging using AIDC.

(Last updated APANPIRG/18, September 2007)

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RASMAG — TASK LIST

(last updated 30 August 2012)

ACTION ITEM	DESCRIPTION	TIME FRAME	RESPONSIBLE PARTY	STATUS	REMARKS
10/2	Undertake studies to quantify the magnitude of the problem of RVSM non-approved flights operating in RVSM airspace. Identify solutions.	Ongoing	Asia/Pacific RMAs	Open	<p>Lead RMA is PARMO. RMAs to work by correspondence, present adequate information to RASMAG/11 to compile briefing for APANPIRG</p> <p>PARMO provided update report to RASMAG/11, further development required before reporting to APANPIRG</p> <p>RMAs will provide RASMAG/13 with activity reports on solutions.</p> <p>RMAs to coordinate with States involved and then to send the list of non-approved operators to Regional Office for follow up</p> <p>Draft Conclusion formulated for APANPIRG/22</p>
12/4	Provide analysis of AIDC implementation and the effect of those implementations of the level of Category E LHD reports.	Ongoing	Asia/Pacific RMAs	Open	<p>Japan captured and analysed data in relation to implementation of AIDC. RMAs will attempt to show Category E LHD performance before and after implementation of AIDC.</p> <p>RMAs were tasked at RASMAG/15 with creating a 'hot spot' chart showing CAT E errors</p>

RASMAG/16
Appendix F to the Report

ACTION ITEM	DESCRIPTION	TIME FRAME	RESPONSIBLE PARTY	STATUS	REMARKS
12/9	Continue joint research activity to explore ADS-B derived geometric height as a data source for aircraft height-keeping performance monitoring	RASMAG/15	Australia and United States	Closed	Further data analysis to be provided by Australia to SASP WG/WHL19 RASMAG/15/WP18 action completed
16/3	Produce a LHD location chart for regional planning purposes	Each RASMAG	RMAs	Open	
16/4	Update to the Asia/Pacific Regional Impact Statement - RVSM Global Long Term Height Monitoring Requirements document	RASMAG/17	Chairman and Secretary, then RMAs and IATA	Open	
16/5	Develop monitoring burden tables using the format presented in RASMAG/16/WP17	Each RASMAG	RMAs	Open	
16/6	Report on the Setouchi HMU fine-tuning results	RASMAG/17	JASMA	Open	
16/7	Assist in the development of generic educational material regarding LHD reporting that could be used in other States	RASMAG/17	All RMAs, initially China RMA and SEASMA	Open	
17/1	Develop a WP for the next ATM Sub-Group meeting for endorsement of a more interventionist approach regarding non-RVSM approved flights, which would be presented to and ultimately to APANPIRG/24. TASK	RASMAG/18	Australia (Lead), SWG	Open	
17/2	Undertake a study to identify shortcomings in the quality of meteorological data	RASMAG/18	Thailand (Lead), Australia	Open	
17/3	Re-evaluation of the vertical overlap probability to provide parameters that more accurately represent the characteristics of aircraft types employed in the airspace and reveal the effectiveness of the recently imposed ICAO LTHM requirements.	RASMAG/19?	PARMO (Lead), AAMA, JASMA, MAAR	Open	
17/4	An analysis of material and processes required from RMAs to assist airline/ATC education and responses on minimisation of operation errors, including information on hot spots and recommended operational responses.	RASMAG/18	AAMA and PARMO, IATA	Open	
17/5	Request an amendment to Annex B of Doc 9937	30 September	ICAO	Open	

ACTION ITEM	DESCRIPTION	TIME FRAME	RESPONSIBLE PARTY	STATUS	REMARKS
	regarding Brunei Darussalam and Vanuatu	2012			