



*International Civil Aviation Organization*

**NINETEENTH MEETING OF THE METEOROLOGY SUB-GROUP  
(MET SG/19) OF APANPIRG**

Bangkok, Thailand, 3 – 6 August 2015

---

**Agenda Item 5: Air navigation deficiencies in MET field**

**WMO REGIONAL FORUM ON MET FOR AVIATION SAFETY IN SE-ASIA**

(Presented by the Secretariat)

**SUMMARY**

This paper presents a summary of outcomes from the WMO Regional Forum on Meteorological Services for Aviation Safety in Southeast Asia.

**1. Introduction**

1.1 The World Meteorological Organization (WMO) Regional Forum on Meteorological Services for Aviation Safety in Southeast Asia was held in Jakarta, Indonesia, from 29 to 30 April 2015.

**2. Discussion**

2.1 The Forum adopted a set of Recommendations on Regional Cooperation for Enhancing Meteorological Services for International Air Navigation by the WMO Member States in Southeast Asia for aviation safety in Southeast Asia.

2.2 The ICAO Secretariat recommended that the outcomes from the WMO forum should be coordinated with the existing work programme of APANPIRG and that the MET Sub-group would be the appropriate body for coordination on issues to be considered by ICAO, noting that priority should be put on resolution of deficiencies, e.g., those related to information and services for volcanic ash.

2.3 A copy of the executive summary from the forum is provided at the **Attachment** to this paper. The full report will be available at the following website: <https://www.wmo.int/pages/prog/dra/rap/meetingsRAV.php>, along with the related meeting documentation.

**3. Action by the Meeting**

3.1 The meeting is invited to note the information contained in this paper.

-----

**The Regional Forum on Meteorological Services  
for Aviation Safety in Southeast Asia  
(Jakarta, Indonesia, 29–30 April 2015)**

**EXECUTIVE SUMMARY**

The Regional Forum on Meteorological Services for Aviation Safety in Southeast Asia was held in Jakarta, Indonesia, at the Headquarters of the Agency for Meteorology, Climatology and Geophysics of the Republic of Indonesia (BMKG) from 29 to 30 April 2015 with the participation of Directors and/or senior officials from nine National Meteorological and Hydrological Services (NMHSs) providing aviation meteorological services in Southeast Asia, representatives of international organizations and regional partners, airlines, air traffic services, and the volcanological institute.

The objective of the Regional Forum was to discuss the current status of provision of meteorological services to aviation stakeholders with focus on:

- Institutional arrangements for aviation meteorological services – roles and responsibilities of stakeholders;
- Compliance with ICAO and WMO requirements on the Quality Management System (QMS) and competency;
- Technological level to support MET services for aviation; and
- Deficiencies (as per the ICAO regional List of air navigation deficiencies).

The Forum adopted “Jakarta Recommendations on Regional Cooperation for Enhancing Meteorological Services for International Air Navigation by the WMO Member States in Southeast Asia” for the aviation safety in Southeast Asia, which includes the needs of:

- Compliance with ICAO and WMO requirements on the provision of requisite services, METAR, TAF, SIGMET, information on volcanoes’ pre-eruptive activities, Quality Management System (QMS), Competency and Qualifications of the Aeronautical Meteorological Personnel;
- Improved communication and cooperation with the aviation stakeholders including MET Authority and Civil Aviation Authority (CAA), Air Traffic Services, Airline operators, Airports, and VA institutions;
- Alignment of national and regional development planning with the ICAO Global Air Navigation Plan (GANP) and its Aviation Systems Block Upgrades (ASBU) methodology; and
- Coordination between WMO and ICAO in the region.