

The Terms of Reference of the RVSM Implementation Task Force Work Group are as follows:

Safety & Airspace Monitoring Work Group (SAM/WG)

The SAM/WG is responsible for mathematical and statistical analysis to assist with the maintenance and on-going monitoring of safety through the assessment of collision risk for Asia/Pacific Region RVSM and other tasks as agreed with the RVSM Task Force. The main tasks of the SAM/WG are:

- To develop a monitoring program to ensure that the quantity and quality of data are collected to allow an assessment of vertical collision risk;
- To review existing mathematical and statistical techniques to assure their appropriateness for Asia/Pacific Region RVSM;
- To ensure the transferability of aircraft data collected from other airspace regions;
- To support the assessment of the safety of RVSM prior to and during the Verification and Operational Trials by the production of collision risk assessments based on altitude deviation incidents and altitude monitoring data to determine whether the TLS is being met;
- To devise suitable methodologies for incorporating the effects of projected traffic increases and system changes on occupancy and collision risk in the future environment;
- To identify those elements which are critical in the assessment of collision risk and suggest areas where improvements might be effective in reducing risk;
- To establish a policy for investigating those errors that may jeopardise satisfaction of the Target Level of Safety (TLS);
- To estimate periodically the vertical occupancies (traffic densities, passing frequencies, etc.) in the Asia/Pacific Region; and
- To perform periodically other data collections (e.g. ASE stability) in order to ensure that the parameter values used in the mathematical collision risk models remain current.

ATC Operations Work Group (ATC/WG)

The ATC/WG is responsible for addressing all matters relating to air traffic services within the RVSM and transition airspace, to include the following:

- To identify airspace in which RVSM will be applied based on statement of application and develop a regional operational concept, ensuring inter-regional harmonization;
- To develop procedures to mitigate wake turbulence;
- To establish transition areas and develop transition procedures;
- To develop contingency procedures; and
- To consider workload issues and identify the need for controller simulations.

Aircraft Operations & Airworthiness Work Group (OPS/AIR/WG)

The OPS/AIR/WG is responsible for addressing pilot operations, airworthiness, and aircraft approval issues, and:

- To harmonize policy on operations and airworthiness issues related to RVSM;
- To develop and harmonize guidance related to the implementation of RVSM and co-ordinate on issues which may arise in the application of the RVSM Minimum Aircraft System Performance Specifications (MASPS);
- To initiate necessary action to amend aeronautical charts to reflect navigational requirements related to RVSM;
- To develop policy for use of Airborne Collision Avoidance Systems (ACAS) as it relates to RVSM; and
- To review monitoring data prior to implementation and after implementation.

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