



*International Civil Aviation Organization*

**Middle East Regional Monitoring Agency Board**

**Seventeenth Meeting (MIDRMA Board/17)**

*(Virtual, 18 – 19 January 2022)*

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**Agenda Item 4: RVSM Monitoring and related Technical Issues**

DEVELOPMENT OF MID RVSM SMR 2022

*(Presented by the MIDRMA)*

**SUMMARY**

This working paper details the requirements needed for the development of the MID RVSM Safety Monitoring Report (SMR) 2022 and MIDRMA proposal to measure the ICAO Technical and the Overall TLS during the FWC 2022 event which will take place in Doha – Qatar.

Action by the meeting is at paragraph 3.

**REFERENCES**

- MID RVSM SMR 2021

**1. INTRODUCTION**

1.1 The periodic review and updating of the safety assessment for the RVSM airspace is an essential part of RVSM operations. Pursuant to the provisions of ICAO Annex 11 – Chapter 3 - Air Traffic Control Service, in relation to height monitoring programmes for RVSM operations, a regional programme must be instituted for monitoring of RVSM operations to ensure that safety objectives continue to be met. Accordingly, the regular provision of Traffic Sample Data in accordance with the requirements of approved global Regional Monitoring Agencies, including the MIDRAM, is essential in order to accurately determine technical and operational errors that impact RVSM safety. The absence or incompleteness of such data will denigrate the integrity of the safety assessment results, potentially leading to the withdrawal of RVSM operations.

1.2 The MID RVSM Safety Monitoring Report demonstrate to MIDANPIRG that safety results of the RVSM operations within the ICAO Middle East Region meet the established target level of safety and its objectives, the MIDRMA must undertake data collection as required to investigate the height-keeping performance of aircraft in the core of the distribution and monitor the level of risk of collision as a consequence of operational errors and inflight contingencies also assess the overall risk in the system against the overall safety objectives and initiate remedial action as required.

1.3 In preparation for the development of the next year MID RVSM Safety Monitoring Report 2022 (SMR 2022) and in order to achieve the provision of the data required to be submitted by all Member States on time, this working paper details the requirements for the development of the next SMR.

## 2. DISCUSSION

2.1 The meeting may wish to note the reporting cycle for the development of the MID RVSM SMR 2022 will be from 01<sup>st</sup> January until 31<sup>st</sup> December 2022, the Traffic Data Sample (TDS) must be submitted in the right format using the excel sheet designed for the MIDRMA Risk Analysis Software (MIDRAS), all members are invited to download the formulated excel sheet available on the MIDRMA website ([www.midrma.com](http://www.midrma.com)). This sheet has been prepared in order to collect all necessary actual/current flight plan data of traffic operating between FL 290 and FL 410 inclusive.

2.2 MIDRMA would like to propose to measure the ICAO TLS for RVSM implementation in the ICAO Middle East Region (technical and the overall risk) for three separate months, as the region is expected to be very busy and take the opportunity to ensure the RVSM implementation is always safe during these busy periods and address any trend which might affect the RVSM operations in the future.

2.3 MIDRMA Proposal for Collecting RVSM TDS from all MIDRMA Member States:

- a) Collect the actual Traffic Data Sample (TDS) for the period 01<sup>st</sup> June until 30<sup>th</sup> June 2022 (during Haj season), for the development of SMR 2022.
- b) Collect the actual Traffic Data Sample (TDS) on voluntary basis for November and December 2022 to measure and monitor the trend of RVSM implementation during the FWC 2022 event in Doha, Qatar.

2.4 Based on the above, the MIDRMA proposes the following Draft Conclusion to the meeting:

**DRAFT CONCLUSION 17/X: MID RVSM SMR 2022**

*That,*

- a) *the FPL/traffic data for the period 15 June to 15 July 2022 and LHD data for the period 1 January to 31 December 2022 to be used for the development of the MID RVSM Safety Monitoring Report (SMR 2022); data be submitted to MIDRMA before 1 August 2022;*
- b) *the FPL/traffic data for the period 1 – 30 November and 1 – 31 December 2022 to be collected for measuring the ICAO RVSM TLS (Technical and Overall) during FWC 2022 event, on voluntary basis, data be submitted to MIDRMA before 15 January 2023;*
- c) *only the appropriate Flight Data form, available on the MIDRMA website ([www.midrma.com](http://www.midrma.com)), should be used for the provision of FPL/traffic data to the MIDRMA; and*
- d) *the final version of the MID RVSM SMR 2022 be ready for presentation to and endorsement by MIDANPIRG/20 (February 2023).*

## 3. ACTION BY THE MEETING

3.1 The meeting is invited to review and agree on the Draft Conclusion in para 2.4 above.