



ESWATINI CIVIL AVIATION AUTHORITY

Advisory Circular

CAA-AC-GEN007

April 2021

GUIDANCE FOR OPERATIONS IN SPECIAL AIRSPACES

1.0 PURPOSE

This Advisory Circular (AC) provides information to operators from which they can obtain guidance for operations in RVSM, MNPS or RNP Type airspaces.

2.0 REFERENCES

2.1 Regulation 106 of the Civil Aviation (Operation of Aircraft) Regulations.

3.0 GENERAL

3.1 There are special requirements and procedures relating to flights in the following airspaces:

3.1.1 Defined portions of airspace or on routes where RNP Type has been prescribed;

3.1.2 Defined portions of airspace where, based on Regional Air Navigation Agreement, minimum navigation performance specifications (MNPS) are prescribed;

3.1.3 Defined portions of airspace where, based on Regional Air Navigation Agreement a vertical separation minimum of 1000 feet is applied above FL 290 (RVSM)

4.0 GUIDANCE AND PROCEDURES

4.1 The following documents provide guidance for operators on the special requirements and procedures for operations in the airspaces shown:

4.1.1 RNP – Information on RNP and associated procedures and guidance concerning the approval process are contained in the Manual on Required Navigation Performance (RNP), DOC 9613. AC-033 as amended gives guidance for operations in European airspace designated for Basic Area Navigation (B-RNAV) and Precision Area Navigation (P-RNAV);

4.1.2 MNPS – The prescribed minimum navigation performance specifications and the procedures governing their application are published in the Regional Supplementary Procedures, DOC 7030 also the North Atlantic MNPSA operation manual which is primarily for the information of pilots and flight operations officers planning and conducting operations in North Atlantic (NAT) Minimum Navigation Performance (MNPS) airspaces; CAA-AC-OPS 008A July 2008 Page 2 of 2

4.1.3 RVSM - ICAO DOC 9574- Manual on Implementation of a 300 m (1000 ft) Vertical Separation Minimum between FL 290 and FL 410 inclusive is the source guidance reference for RVSM operations. The RVSM Minimum Aircraft System Performance Specification (MASPS) include specifications and procedures for the separate aspects of type approval, release from production and continued airworthiness and is included in the following documents for global application:

- a) Joint Aviation Authority (JAA) Temporary Guidance Leaflet (TGL) No.6 – Guidance Material on the Approval of Aircraft and Operators for Flight in Airspace above FL 290 where a 300 m (1000 ft) Vertical Separation Minimum is Applied – or any subsequent version thereof; or
- b) Federal Aviation Administration (FAA) Document 91-RVSM, Interim Guidance Material on the Approval of Operators/Aircraft for RVSM Operations. RVSM Manual on Implementation of a 300m (1000 ft) Vertical Separation Minimum FL290 and FL 410, Inclusive, ICAO DOC 9574 is used as the principal guidance document for the approval of ESWATINI air operators for operations in RVSM airspace.

Operators requiring RVSM approval shall submit to the Authority a duly completed form ESWACAA- CL-GEN009 together with all required documents.

5.0 OPERATIONAL PROCEDURES

Air operators may be guided by the documents referred to in paragraph 4, for meeting the requirements and procedures for operations in the applicable defined portions of airspace referred to in paragraph 3. Appendix A to this AC provides guidance and must complete column (3) of the guideline and submit together with the required documents.

**Approved by Director General
Civil Aviation Authority**

Appendix A Sample

ESWACAA-
Form-GEN007

Item (1)	Subject(2)	Operator Indication of Inclusion (√) (3)	Inspector Comments (4)
A.	Operator Application Letter Requesting RVSM Authority (see note iv)		
B.	<p>Aircraft RVSM-compliance Documents (RVSM Airworthiness Documents)</p> <p>1. For in-service aircraft: As applicable: Service Bulletin (SB), Supplemental Type Certificate (STC), Aircraft Service Change (ASC) or Service Letter (SL) (Documents normally accompanied by corresponding AFM Revision or AFM Supplement).</p>		
	<p>2. For aircraft manufactured RVSM-compliant: AFM, AFM Supplement and/or Type Certificate Data Sheet (TCDS)</p>		
C.	<p>For In-service Aircraft. Documentation of Aircraft Inspection and/or Modification: Maintenance records documenting completion of aircraft system modification and/or inspection (e.g., Major Repair and Alteration)</p>		
D.	<p>MEL (only for operators operating under an MEL): MEL or MMEL that complies with GC 059 – (MEL pages applicable to RVSM required systems) Note: Many MMELs have been revised to incorporate Global Change (GC)</p>		

E.	Maintenance Program. Stand-alone RVSM Maintenance Manual or list of RVSM maintenance elements incorporated into an existing approved program. Ref: FAA Order 8900.1, Vol. 4, Chapter 10		
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PART 2: OPERATOR EXHIBITS/DOCUMENTS (Cont.)

Item (1)	Subject (2)	Operator Indication of Inclusion (3)	Inspector Comments (4)								
F.	Operational Policy & Procedures Documents or Manuals. Stand- alone RVSM Operations Manual <u>or</u> section of operator's application documenting RVSM operational policy & procedures. Reference: AC 91-85 paragraph 12d (4) (Operations Manuals and Checklists)										
G.	Note: See Note 1 below. 1. Method of Pilot Training/Knowledge (e.g., Part 142 training center, course of instruction, in-house training; record of course Completion). 2. Pilot Training/Knowledge Syllabus: <u>if requested by the Inspector.</u> Ref: FAA Order 8900.1, Vol. 4, Section 5, paragraph 4-108G (RVSM Process and Policy); AC 91-85 paragraph 12d (4) (Operational										
H.	RVSM Monitoring: method and schedule to complete RVSM height monitoring References: FAA Order 8900.1, Vol. 4, Chapter 1, Section 5, paragraph 4-108, H (Monitoring Programs); AC 91-85										
I. NOTES	paragraph 12h i. If stand-alone maintenance and operations manuals are submitted, they may be combined into one manual. ii. Exhibits /documents may be included in a binder or submitted as a stand-alone document(s). iii. Monitoring is not required to be completed prior to the Letter of Approval being issued. iv. Submitted Application Contains: Aircraft RVSM Compliance Documentation, RVSM Maintenance										
J.	Program, Operational Policy/Procedures <p align="center">APPROVAL / REFUSAL SECTION</p>	<table border="1" style="width: 100%; height: 100%;"> <tr> <td style="width: 25%;"></td> <td style="width: 25%;"></td> <td style="width: 25%;"></td> <td style="width: 25%;"></td> </tr> <tr> <td align="center" colspan="2">ISSUED</td> <td></td> <td></td> </tr> </table>					ISSUED				If negative, give reasons under (K)
ISSUED											

