



CIVIL AVIATION AUTHORITY OF BOTSWANA
P. O. Box 250, Gaborone, Botswana Tel: +267 3688200 / 3688200 Fax +267 3930165

FLIGHT SAFETY DIRECTORATE

APPLICATION FOR RVSM APPROVAL

Use this form CAAB Form RVSM-01 to apply for approval to operate a Botswana registered aircraft in Reduced Vertical Separation Minimum (RVSM) airspace. Submit the completed form and the application package referenced in paragraph 4 of this form to: Director, Flight Safety, Civil Aviation Authority of Botswana, P. O. Box 250, Gaborone, Botswana.

INSTRUCTION: Complete all sections, unless otherwise stated.

Reference: - Regulation 18 of the Civil Aviation (Equipment and Instruments) Regulations
- General Advisory Circular (GAC) 006
- International Civil Aviation Organization (ICAO) Doc 9574.

Completion of form: Each relevant box should be completed with a tick (✓) or a (X). Items marked with an asterisk (*) should be completed only for first aeroplane of each aeroplane type/model in operator's fleet. Where form must be completed by referring to a document of applicant's documentation system, add manual reference, chapter and sub-chapter. Please ensure all applicable areas are completed.

1. GENERAL

General Information				
1.1 Applicant's Name and Address				
1.2 Aeroplane Registration		1.3 Serial Number		
1.4 Aeroplane Manufacturer				
1.5 Aeroplane Type Designation / Model Designation				
1.6 Aeroplane Address (Hexadecimal)				
Scope of Application			YES	NO
1.7 Application for AFI RVSM operations?			<input type="checkbox"/>	<input type="checkbox"/>
1.8 Other?			<input type="checkbox"/>	<input type="checkbox"/>
1.9 Initial request for RVSM approval for aeroplane type referenced in 1.5?			<input type="checkbox"/>	<input type="checkbox"/>

2. AIRWORTHINESS

Type Design Approval for referenced Aeroplane Type Designation		
2.1 The RVSM type design approval is reflected in:		
<input type="checkbox"/> AFM	<input type="checkbox"/> AFM Supplements	<input type="checkbox"/> Type Certification Data Sheet
<input type="checkbox"/> Supplemental Type Certificate	<input type="checkbox"/> Other	
2.2 Aeroplane Flight Manual (AFM) or AFM Supplement refers to the following airworthiness approval basis for RVSM system installation:		
<input type="checkbox"/> Temporary Guidance Leaflet (TGL) No. 6	<input type="checkbox"/> FAA Document 91-RVSM	
<input type="checkbox"/> Other:		
	YES	NO
2.3 Group aeroplane?	<input type="checkbox"/>	<input type="checkbox"/>
2.4 Non-group aeroplane?	<input type="checkbox"/>	<input type="checkbox"/>
2.5 Basic RVSM flight envelope?	<input type="checkbox"/>	<input type="checkbox"/>
2.6 Full RVSM envelope?	<input type="checkbox"/>	<input type="checkbox"/>

2.7 Airworthiness performance requirements in the form of a Minimum Aeroplane Systems Performance Specification (MASPS):

- (a) MASPS compliance demonstrated by:
- (b) Manufacturer:
- (c) Design organisation:
- (d) MASPS compliance data package:
- (e) Reference number:

Navigation System Eligibility for referenced Aeroplane Serial Number

2.8 Equipment for RVSM operations:

- (a) Altitude measurement systems: Make: Model:
- (b) SSR Transponder: Make: Model:
- (c) Altitude Alerting System: Make: Model:
- (d) Automatic altitude control system: Make: Model:

2.9 The approval of the RVSM systems installation is based on:

- Type Design FAA STC EASA STC Service Bulletin
- Major Modification Other:

Maintenance Program (*)

YES **NO**

Note: The applicant should have an established Maintenance Programme that contains all RVSM requirements prescribed by manufacturer or design organisation.

2.10 RVSM Maintenance Program established?

Minimum Equipment List (*)

Note: The applicant should have revised parts of the Minimum Equipment List to reflect system requirements (e.g. redundancy levels) appropriate to the intended RVSM operations.

2.11 Minimum Equipment List revised?

Maintenance Practices and Procedures (*)

Note: The applicant must institute procedures in respect of continuing airworthiness practices for RVSM. These procedures should cover the following subjects:

To be completed by applicant

RVSM Maintenance Practices and Procedures are described in (Add manual reference, chapter and sub-chapter)

2.12 Maintenance of RVSM equipment (adherence to manufacturer's maintenance instructions, modification procedures, system calibration policy, leak check policy, skin waviness checks, autopilot / automatic altitude control maintenance practices, handling on-board systems, etc.)

2.13 Action for non-compliant aeroplane (downgrading reporting to CAAB, response to inquiries from AFI RMA, corrective actions, upgrading, etc.)

2.14 Maintenance Training (training of applicant's maintenance management staff, training of contractor's maintenance personnel, initial training, recurrent training, training syllabi, etc.)

2.15 Test Equipment (use of test equipment, handling, calibration, etc.)

3. OPERATIONS

Operating Practices and Procedures (*)	
<p>Note: The applicant must institute RVSM Operating Practices and Procedures. These practices and procedures should cover the following subjects:</p>	<p>To be completed by applicant</p> <p>RVSM Operating Practices and Procedures are described in (Add manual reference, chapter and sub-chapter)</p>
<p>3.1 Flight planning procedures for operations in RVSM airspace (RVSM approval of aeroplane, reported and forecast weather, use of minimum equipment list (MEL), airframe or operating restrictions, etc.)</p>	
<p>3.2 Pre-flight procedures for each flight in RVSM airspace (review of technical log, external inspection), functional check of altitude measurement & control systems, etc.).</p>	
<p>3.3 RVSM in-flight procedures (prior to RVSM in-flight entry, serviceability of required equipment, altimeter settings, adherence to ATC instructions, phraseology, changing flight levels, use of altitude control and alerting systems, altimeter cross-checks, ACAS procedures, specific regional operating procedures (MNPS, AFI RVSM, etc.), reporting of wake turbulence encounters in AFI RVSM airspace, etc.)</p>	
<p>3.4 Procedures with respect to flight crew response to abnormal situations (reporting of altitude deviations and altimetry system errors, contingency procedures after entering RVSM airspace, etc.).</p>	
<p>3.5 Post-flight procedures (technical log entries, defects description, reporting of altitude deviations and altimetry system errors, etc.).</p>	

Flight Crew Training and Qualification (*)	
<p>Note: The applicant is required to establish the following (covering subjects under 3.1 to 3.5):</p>	<p>To be completed by applicant</p> <p>Description in (Add manual reference, chapter and sub-chapter)</p>
<p>3.6 Flight crew qualification requirements.</p>	
<p>3.7 Description of initial and recurrent training, checking- and training syllabi.</p>	

4. APPLICATION PACKAGE

Documentation to be submitted to the CAAB	Submitted?	
	YES	NO
4.1 Compliance statement which shows how the criteria of JAA Temporary Guidance Leaflet No. 6 have been satisfied (*).	<input type="checkbox"/>	<input type="checkbox"/>
4.2 Sections of the AFM or AFM supplements that document RVSM airworthiness approval	<input type="checkbox"/>	<input type="checkbox"/>
4.3 MASPS compliance data package (*)	<input type="checkbox"/>	<input type="checkbox"/>
4.4 Flight crew RVSM training programmes and syllabi for initial and recurrent training (*)	<input type="checkbox"/>	<input type="checkbox"/>
4.5 Operation manuals and checklists that include RVSM operating practices and procedures (OM-A, OMB, OM-D, AOM, FCOM, Route Manuals, stand-alone RVSM manual, etc.) (*)	<input type="checkbox"/>	<input type="checkbox"/>
4.6 Minimum Equipment List (MEL) that include items pertinent to RVSM operations (*)	<input type="checkbox"/>	<input type="checkbox"/>
4.7 Maintenance program or revision thereof that include items pertinent to RVSM equipment (*).	<input type="checkbox"/>	<input type="checkbox"/>
4.8 RVSM maintenance practices & procedures (MME, maintenance program, stand-alone document) (*)	<input type="checkbox"/>	<input type="checkbox"/>
4.9 Service Bulletin, STC or Major Modification Approval documentation, if approval is based on documents as detailed in 2.9 above (except if based on approved type design)	<input type="checkbox"/>	<input type="checkbox"/>
4.10 Plan for participation in the RVSM monitoring program (*)	<input type="checkbox"/>	<input type="checkbox"/>

5. APPLICANT'S STATEMENT

The undersigned certifies the above information to be correct and true and that aeroplane system installation, continuing airworthiness of systems, minimum equipment for dispatch, operating procedures and flight crew training comply with the requirements of the Botswana Civil Aviation Regulations, JAA Temporary Guidance Leaflet No. 6 and FAA Document 91-RVSM.

Name of Post Holder Maintenance:	Signature:	Date:
Name of Post Holder Operations:	Signature:	Date:
Name of Post Holder Training:	Signature:	Date: