

Sample Advance AIC NOTAM for RVSM Implementation to be published not later than 17 April 2003,  
by the Air Traffic Services providers in the CAR/SAM Regions

<b>Telephone:</b> <b>Fax:</b> <b>E-mail:</b> <b>Sitatex:</b> <b>Telex:</b>	<b>STATE</b>  <b>AERONAUTICAL INFORMATION SERVICE</b>	<b>AIC</b>  <b>N°</b>  <b>DATE</b>
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## **RVSM (Reduced Vertical Separation Minimum)**

### **1. Introduction**

1.1. Reduced Vertical Separation Minimum (RVSM) is vertical separation of 1,000 ft between FL 290 and FL 410 inclusive. By 20 January 2005, operators should have received RVSM aircraft (airworthiness) and operational approval from the appropriate State authority. Operator/aircraft approval by 20 January 2005 will enable air traffic to plan for orderly RVSM implementation.

1.2. The implementation of RVSM in the CAR/SAM region will permit the use of six additional cruising levels above FL 290. The additional cruising levels will increase airspace capacity, provide more fuel efficient flight profiles, and afford greater operational flexibility to the air traffic control units that are responsible for the provision of ATC services in the CAR/SAM regions. The implementation of RVSM will also permit the establishment of a homogeneous RVSM area between the NAM, CAR, and SAM regions.

### **2. Purpose**

2.1. This (NOTAM or AIC) serves as Notice of Intent to implement RVSM in the \_\_\_\_\_ FIR on 20 January 2005.

### **3. Area of Application**

3.1. RVSM shall be applied in \_\_\_\_\_ FIR between FL 290 and FL 410.

### **4. Operations within the \_\_\_\_\_ FIR.**

4.1. Starting 20 January 2005, only RVSM approved aircraft (airworthiness and operations approval) will be cleared to operate in the \_\_\_\_\_ FIR between FL 290 and FL 410 (inclusive), with the following exceptions:

- Non-RVSM approved aircraft will be allowed to operate between FLs 290 and 410 provided they are on a domestic flight plan that will be flight planned totally within the airspace controlled by \_\_\_\_\_. Any further restrictions on such flights will be published prior to 20 January 2005.
- Non-RVSM approved State aircraft flights, ferry flights, maintenance flights, and humanitarian flights will be allowed to operate in RVSM airspace with prior coordination. Prior coordination will consist of the filing of a flight plan with the appropriate ATC facility, with the words “non-RVSM approved \_\_\_\_\_ (ferry, State, maintenance, humanitarian) flight.”

\*\*\*\*States with exclusionary airspace should modify the first exception to apply to their situation

4.2. 2000 ft vertical separation will be applied to such aircraft. \_\_\_\_\_ ATC contacts will be published on web sites and in follow-up NOTAMS.

4.3. RVSM will be implemented in the \_\_\_\_\_ FIR in accordance with ICAO regional agreements. ICAO recommends that State authorities and operators adopt either FAA Interim Guidance 91-RVSM (as amended), or Joint Airworthiness Authorities Temporary Guidance Leaflet 6 as the basis for approving aircraft and operator programs for RVSM. Current information and RVSM approval documents, including revisions, can be found on the web sites maintained by various organizations on behalf of the ICAO regional offices, GREPECAS, and its subsidiary bodies. The following is a list of some of these sites:

[www.lima.icao.int](http://www.lima.icao.int)  
[www.cgna.gov.br/carsam/espanol/index.htm](http://www.cgna.gov.br/carsam/espanol/index.htm)  
[www.cgna.gov.br/carsam/english/index.htm](http://www.cgna.gov.br/carsam/english/index.htm)  
[www.faa.gov/ats/ato/rvsm1.htm](http://www.faa.gov/ats/ato/rvsm1.htm)

4.4. The RVSM Documentation section of the FAA website contains guidance on aircraft/operator approval. Operators must begin coordination with the appropriate State authority as soon as possible to ensure that they are approved to begin RVSM operations on 20 January 2005. Additional information is available on the CAR/SAM website, which can be reached from the FAA site.

4.5. For questions on the aircraft and operator approval process, or for ATC related questions or additional information, the following contacts may be used:

- (States should put their individual ATS provider RVSM contacts here)
- ICAO Lima
- ICAO Mexico City
- FAA:  
Leslie Cary Ph 1-202-267-9601; fax 1-202-267-5120; leslie.cary@faa.gov  
Brian Throop Ph 1-202-267-3160; fax 1-202-267-5110; brian.throop@faa.gov  
Bob Miller: Ph 1-202-484-3359; fax 1-202-863-2398; rmiller@cssiinc.com
- IATA Miami

## 5. Reference Documents

ICAO: Doc.7030/4-AFI/SAM, Part 1 Rules of the Air,  
Air Traffic Services and Search and Rescue

ICAO: Doc.7030 Amendments AFI and SAM SUPPs  
WACAF AFI/SAM 003; WACAF 001 and SAM 01/01.

JAA: Temporary Guidance Leaflet on Approval of Aircraft and  
Operators For Flight in RVSM Airspace – TGL n° 6

FAA: Interim Guidance Material on the Approval of  
Operators/Aircraft for RVSM Operations. No.:91-RVSM

OACI: Doc. 9574 - “Manual on Implementation of a 300m (1000 ft)  
Vertical Separation Minimum between FL 290 and FL 410 inclusive”.

Guidance Material on the Implementation of a 300 M (1000 FT) Vertical Separation Minimum  
VERTICAL (VSM) between FL290 and FL410 inclusive for application in the airspace of the Caribbean  
and South American Regions