



Agenda Item 4: Activities and tasks to report to GREPECAS

CARSAMMA BULLETIN - IDENTIFICATION OF NON-APPROVED RVSM AIRFRAMES

(Presented by the CARSAMMA)
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SUMMARY	
This paper presents the current monitoring for RVSM approved aircraft registered by the CAR/SAM Regions to meet Annex 6 requirements.	
REFERENCES:	
<ul style="list-style-type: none">• ICAO Doc 9574-AN/934, Third Edition - 2012.• ICAO Doc 9937-AN/477, First Edition - 2012.• Aircraft Movements in the RVSM airspace in 2016.• Report of Large Height Deviations (LHD) in 2016.	
ICAO strategic objectives:	<i>A – Safety</i> <i>B – Air navigation capacity and efficiency</i>

1. **Introduction**

1.1 The Caribbean and South American Regional Monitoring Agency (CARSAMMA) has been reporting on a scheduled basis to GREPECAS the RVSM airspace monitoring for each State within these regions. The data is based on a review of the current RVSM approvals data for the State airspaces that the CARSAMMA is responsible for.

2. **Discussion**

2.1 During the last Regional Monitoring Agencies Coordination Meeting (RMACG12) held in Salvador in May 2017, it was discussed and agreed as necessary to create a bulletin issued by the RMAs, which would provide information to the States of registration, of the aircraft that used the RVSM airspace, without these aircraft being certified for that purpose. This type of occurrence raises the risk of vertical collision to an unacceptable level, reason for the creation of a "Bulletin" to include these aircraft.

2.2 For this success, all RMAs shall conduct a continuous audit in the RVSM airspace of their competence to:

- a) Identify possible events of aircraft using this airspace without the necessary RVSM certification;

- b) Request information from the "RVSM status" of the aircraft identified, to the State Authorities of the aircraft's registration;
- c) If these Authorities do not respond within 30 days of notification or respond that the aircraft in question is NOT RVSM certified, RMA shall include these aircraft in its "Bulletin";
- d) All RMAs shall receive and send copies of these bulletins on a monthly basis to the other RMAs to disseminate the information contained in the bulletins.

2.3 As RVSM certification is necessary for the use of this special space, CARSAMMA requests the updating of the nominal list of States Contact Points of our Regions in the RVSM certification area, in order to reduce the audit response time and avoid incorrect inclusion in the "Bulletin" of an aircraft with a valid RVSM certificate.

2.4 The "CARSAMMA Bulletin" is already available on our restricted site, which can be accessed with the password - **carsamma2016**.

2.5 A review of the most recent RVSM approvals databases maintained by the CARSAMMA on behalf of ICAO determined that the total number of RVSM approved aircraft totaled 2668 as at end of September 2017.

3. Aircraft Population Audit

3.1 It is essential that 100% of the RVSM approved aircraft population meet RVSM requirements. However, in the safety assessment and all LHD sent during the year 2016, CARSAMMA detected some aircraft that were not in its RVSM database and which used this space.

3.2 Applying the minimum monitoring requirements (MMR) to the total of approved aircraft, results in a total of 17 Non-RVSM approved aircraft. The current outstanding comprises the following aircraft counts:

04 with Caribbean registry;
13 with South American registry.

3.3 This resulted in a research, by cross-referencing information from our database. At the end, it was found that some of these aircraft were not RVSM certified by any State, as described in **Table 1**:

State	No RVSM
Netherlands Antilles	
COCESNA	HP1714 HP1727 N747AV
Cuba	
Haiti	
Jamaica	VPCSP
Dominican Republic	

State	No RVSM
Trinidad & Tobago	
Argentina	LVGOK LVGTQ LVGWL
Bolivia	
Brazil	PRPRE PROBD PROJL PRDEA
Chile	
Colombia	00535A
Ecuador	HP1845 HP1717
Guyana	
French Guyana	
Panamá	
Paraguay	
Peru	
Surinam	
Uruguay	
Venezuela	YV3052

Table 1 – NO RVSM Aircraft in the CAR / SAM Regions

4. **Actions by the Meeting:**

4.1 The Meeting is invited to note the information contained in this paper.

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