



ICAO

International Civil Aviation Organization
North American, Central American and Caribbean Office

INFORMATION PAPER

GTE/21 — IP/03
05/08/21

**CAR/SAM Regional Planning and Implementation Group (GREPECAS)
Twenty-First Scrutiny Working Group Meeting
(GTE/21)**

Zoom Meeting, 23 - 26 August 2021

Agenda Item 4: Other business

AUDIT OF APPROVAL STATUS OF AIRCRAFT OPERATING IN THE RELEVANT RVSM AIRSPACE

(Presented by CARSAMMA)

EXECUTIVE SUMMARY

This paper presents information related to the routine task performed by CARSAMMA to verify and, where appropriate, confirm the RVSM approval status of aircraft that, in the flight plans issued in our region, appear as approved or request RVSM flight levels.

<i>Strategic objectives:</i>	<ul style="list-style-type: none">• Air navigation capacity and efficiency• Economic development of air transport
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<i>References:</i>	<ul style="list-style-type: none">• Doc 9937• GTE/20 final report
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1. Introduction

1.1. The Caribbean and South American Monitoring Agency (CARSAMMA) periodically audits the approval status of aircraft flying in RVSM airspace, identifies unapproved operators and aircraft that use RVSM airspace, and notifies accordingly the State of registry for confirmation of RVSM approval.

1.2. The verification of the approval status of aircraft flying in RVSM airspace is the responsibility of the regional monitoring authorities - RMAs, as described in item 8 of Appendix A to ICAO Doc 9937. CARSAMMA, being an RMA, performs such task on a monthly basis in its corresponding airspace.

2. Discussion

2.1. CARSAMMA verifies the status of RVSM-approved aircraft on a monthly basis by analysing the data contained in the flight plans, particularly the "equipment" and "route" fields.

2.2. Thus, from the flight plan data provided by States, information is filtered to create a list of aircraft featured as approved for RVSM operations. Then, a list of aircraft approved in all RMAs is compiled. This data is obtained through KSN, an online platform maintained by the Federal Aviation Administration (FAA). With all the necessary data, an overall list of RVSM-approved aircraft is created.

2.3. Finally, the actual verification is performed by comparing the list of aircraft featured as RVSM-approved with the overall list of RVSM-approved aircraft. Aircraft identified as unlisted are grouped by State of registry and confirmation of approval status is requested by e-mail. In the final stage of the audit process, States are notified of the registration numbers of aircraft that made use of RVSM airspace without being RVSM-approved.

2.4. Starting in 2021, based on the GTE/20 final report, item 2.2, CARSAMMA expanded the flight plan audit process, and started to receive data from the other CAR/SAM States, as shown in the following table:

	JAN	FEB	MAR	APR	MAY	JUN
<i>ARG</i>		6,341		6,050	4,773	4,033
<i>BOL</i>	9,195	9,860	11,205	8,260	9,699	9,774
<i>BRA</i>	65,414	54,888	55,520	86,025	96,414	133,193
<i>CHL</i>	8,806		6,774	5,042	6,443	
<i>CUB</i>	17,818					
<i>HTI</i>	1,154	954	1,228	1,263	1,132	
<i>VEN</i>		264	237		270	

TOTAL	102,387	72,307	74,964	106,640	118,731	147,000
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<i>FPLs identified</i>	2,949 2.88%	2,053 2.83%	1,986 2.64%	2,541 2.38%	2,739 2.3%
<i>Records identified</i>	346	258	234	276	269

3. Suggested action

3.1. The Meeting is invited to:

- a) take note of the information contained in this information paper; and
- b) continue sending the flight plans to enhance the audit process.