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国际民用  
航空组织

Ref.: LT 11/43.4.11 – SA360

Lima, 19 August 2019

To: Mr. Frédéric Guignier, Regional Director of Civil Aviation Authority (DSAC)  
for French Antilles and French Guiana  
Mr. Jerome Journet, Regional Director, West Indies and French Guiana  
Lt. Col. Egbert Field, Guyana Civil Aviation Authority  
Eng. Patrick Pengel MBA, Ministry of Public Works, Transport and Communications,  
Suriname

**Subject: Invitation – CAR/SAM Planning and Implementation Regional Group (GREPECAS)  
Nineteenth Scrutiny Working Group Meeting (GTE/19)  
Barranquilla, Colombia, 18 to 22 November 2019**

**Action**

**Required:**

- 1) Transmittal by States of any additional items to the Provisional Agenda by **8 October 2019**
- 2) Submission of documentation/presentation by the deadlines provided in this letter
- 3) Register participation by **25 October 2019**

Sir,

In accordance with ICAO Doc 9574 - *Manual on a 300 m (1 000 ft) Vertical Separation Minimum Between FL 290 and FL 410, Inclusive* provisions, and GREPECAS Conclusion 17/10 - *MANUAL/GUIDE ON THE ASSESSMENT OF LARGE HEIGHT DEVIATIONS (LHDs) WITH SMS METHODOLOGY FOR THE ANALYSIS AND ASSESSMENT OF LHD REPORTS*, I wish to invite your Administration/Organization to participate in the Nineteenth Scrutiny Working Group Meeting (GTE/19) to be carried out in Barranquilla, Colombia, 18 to 22 November 2019.

The main objective of this meeting will be to perform Large Height Deviations (LHDs) risk analysis and determine their impact on the Target Level of Safety (TLS) in Reduced Vertical Separation Minimum (RVSM) airspace in order to issue the relevant risk mitigation recommendations. The mnemonic file of this meeting is attached for your information.

This event is aimed at CAR/SAM States focal points responsible for providing LHD reports before the Caribbean and South American Monitoring Agency (CARSAMMA), Air Traffic Service (ATS) inspectors, pilots, Air Traffic Control (ATC) supervisors, aircraft operation specialists of States and Territories from the ICAO CAR and SAM Regions and representatives of invited international organizations. The working languages of the meeting will be English and Spanish, and simultaneous interpretation will be provided if sufficient participants of both languages provide timely registration.

The Provisional Agenda of the meeting is at **Attachment A**. States wishing to submit proposals for the addition of items should do so by **8 October 2019**.

You are kindly requested to complete and return to this Office by e-mail ([icaosam@icao.int](mailto:icaosam@icao.int)) the Registration Form at **Attachment B** for each participant by **25 October 2019**. The list of suggested hotels and general information will be provided soon.

All meeting documentation/presentations will be placed in the Meetings Section of the following web page: <http://www.icao.int/SAM> as it becomes available. Taking into consideration the availability of documentation/presentations in electronic format, no hard copies will be distributed during the event.

Documentation that your Administration/Organization may wish to submit/present at the meeting should be forwarded to this office by e-mail as soon as practicable in Microsoft Word format using the attached templates. Working papers should be brief, action-oriented, and focused with a four-page limit excluding any appendices.

**Only** working papers **received** by this office by **16 October 2019**, submitted by States/Territories, will be translated to ensure timely processing. Working papers received in this office **after** that date will have to be submitted in both languages. Otherwise, they will become Information Papers. Information papers will only be issued in the language submitted. Papers received from international organizations will not be translated and will be issued only in the language submitted. The deadline to receive papers is **8 November 2019**. The deadlines for submission of documentation for translation will be strictly enforced. You are encouraged to submit documentation in both meeting languages (i.e., English and Spanish).

If you require any further information regarding the meeting, please contact Mr. Roberto Sosa España, Regional Officer ANS and Safety (AN&FS) ([rsosa@icao.int](mailto:rsosa@icao.int)) or Mrs. María Elizabeth Rodríguez Patrón, Assistant, ([mrodriguezp@icao.int](mailto:mrodriguezp@icao.int)).

Please accept the assurances of my highest consideration.

The image shows a handwritten signature in black ink over a blue circular logo. The logo features a globe with wings and the text 'ICAO OACI ICAO' at the top and 'ORGANISATION DE L'AVIATION INTERNATIONALE' at the bottom.

Fabio Faizi Rahnemay Rabbani  
Regional Director  
ICAO South American Office  
Lima

**Enclosure:**

- A – Provisional Agenda*
- B – Registration Form*
- C – Template for Working Paper*
- D – Template for Information Paper*

cc: Mr. Patrick Pezzeta, Deputy Director, Antilles-Guyane, French Antilles  
Mr. Frédéric Danloux, Head of French Guiana Air Control Centre Cayenne-Félix Eboué Airport, Head of the Aircraft Search and Rescue RCC  
Mr. Jean-Jacques Deschamps, Directeur Adjoint, ANSP Martinique, French Antilles-Guyane  
Dr. Joyce Blokland-Wijnstein, Permanent Secretary, Directorate of Transport and Communication, Suriname  
Mr. Faizel Baarn, Director of Civil Aviation Department, Suriname  
Mr. Anjulio R. Wolf, Director, CASAS, Suriname  
Mr. Marcus Doller, Air Safety Support Intl. (ASSI), United Kingdom  
Mr. Bruce D’Ancey, Policy Specialist, Flight Ops, Air Safety Support International (ASSI), United Kingdom  
ICAORD, Mexico



## ICAO SOUTH AMERICAN OFFICE

### Mnemonic File – ANS02

<b>CAR/SAM Planning and Implementation Regional Group (GREPECAS) Nineteenth Scrutiny Working Group Meeting – GTE/19</b>	
<p><b>GREPECAS</b></p> <p><b>Nineteenth Scrutiny Working Group Meeting</b></p> <p><b>GTE/19</b></p>	<p>As part of the implementation of the reduction of vertical separation in RVSM airspace in the CAR/SAM regions, the GREPECAS – GTE Scrutiny Group was implemented in 2000 with the responsibility of analyzing and validating operational safety data RMA- CARSAMMA Regional Monitoring Agency.</p> <p>The GTE meets annually to analyze, validate and recommend on data obtained from all LHD events in CAR SAM regions. The GTE also identifies and recommends corrective and/or mitigation actions to ensure that operations in RVSM airspace will be maintained at the expected level of operational safety.</p>
<p><b>Objective of the meeting</b></p>	<p>The main objective of the GTE/19 meeting is the analysis and validation of information on significant altitude deviations as part of the monitoring of RVSM airspace in the Caribbean and South America (CAR/SAM) regions.</p> <p>The information is provided by CARSAMMA in compliance with the functions delegated to this monitoring agency, and analyzed and validated by the GTE. As part of the objectives associated with the meeting, the following are noted:</p> <ol style="list-style-type: none"> <li>a) Validation monitoring information of the acceptable level of operational safety in upper airspace.</li> <li>b) Identify hot spots in CAR/SAM regions related to LHD events.</li> <li>c) Identify mitigation or corrective measures for the reduction of LHD events in CAR/SAM regions.</li> <li>d) Promote bilateral or multilateral meetings to address LHD-related issues in CAR SAM regions</li> <li>e) Other activities related to the working group.</li> </ol>
<p><b>Activities carried out</b></p>	<p>Among the activities carried out as part of this strategy, the following are identified:</p> <ol style="list-style-type: none"> <li>1) GTE annual meetings</li> <li>2) GTE bimonthly meetings</li> <li>3) Follow up to CAR/SAM hotspots</li> <li>4) Meetings with IATA to analyze hotspots</li> </ol>
<p><b>Status in the Region</b></p>	<p>The acceptable level of safety (TLS) in the CAR/SAM Regions RVSM airspace remains within the acceptable limit defined by ICAO. However, opportunities are still being seen to improve performance in safety and airspace efficiency in the CAR/SAM regions in certain segments of airspace, the work carried out by the GTE</p>

	is essential to achieve performance improvement through the identification, analysis and implementation of measures to reduce LHDs.
<b>Nature of the event</b>	<p>Nineteenth Scrutiny Working Group Meeting – GTE/19 includes a workshop for the analysis, validation and acceptance by representatives of States of information related to important altitude deviations (LHDs) in the upper airspace of the CAR/SAM regions.</p> <p>Information analysis results allows to identify CAR/SAM regions that need point-in-time strategies to reduce LHD events. The results of the meeting serve as input for the GTE's report to GREPECAS and for the RASGPA Safety Report.</p>
<b>Competences that the event will generate</b>	<p>This meeting will allow attendees to:</p> <ol style="list-style-type: none"> <li>a) Validate the information submitted by CARSAMMA as part of the analysis of the data provided by States and ATSP's of significant altitude deviations in RVSM airspace.</li> <li>b) Identify Hot spots in CAR/SAM regions related to LHD events.</li> <li>c) Identify mitigation or corrective measures for the reduction of LHD events in CAR/SAM regions.</li> <li>d) Promote bilateral or multilateral meetings to address LHD-related issues in CAR SAM regions.</li> <li>e) other activities that take place during the working group meetings (GTE).</li> </ol>
<b>Participants' profile</b>	<ul style="list-style-type: none"> <li>✓ LHD Focal Points from CAR/SAM States</li> <li>✓ ATS inspectors from the CAR/SAM regions authorities</li> <li>✓ Personnel in charge of the safety at the ATSP</li> </ul>
<b>Next steps in the development of the strategy</b>	<p>The following activities are part of the strategy:</p> <ol style="list-style-type: none"> <li>1. Publication of the safety level (TLS) in the CAR/SAM regions airspace for the period 2018-2019.</li> <li>2. Information exchange with RASGPA in order to include in the RASGPA Safety Report the TLS of CARSAM airspace information validated by the GTE.</li> <li>3. Activities with States and ATSPs for the LHD reduction or elimination.</li> <li>4. Working in conjunction with PARAST for the analysis of IATA FDX information and LHD information to identify effective actions to reduce and eliminate TCAS and LHD.</li> </ol>
<b>Contact person in the SAM Office</b>	<p>Mr. Roberto Sosa  ANS and Safety Regional Officer  ICAO South American Regional Office  <a href="mailto:rsosa@icao.int">rsosa@icao.int</a></p>

**ATTACHMENT A**

**CAR/SAM PLANNING AND IMPLEMENTATION REGIONAL GROUP (GREPECAS)  
NINETEENTH SCRUTINY WORKING GROUP MEETING (GTE/19)**

**DRAFT AGENDA**

**Agenda Item 1: Review of the previous CARSAMMA and Scrutiny Group Meetings Conclusions and Recommendations**

- a) Review of previous conclusions.
- b) Review of previous recommendations.

**Agenda Item 2: Review of proposals for the extension of the functions of the GTE and CARSAMMA for airspace in the CAR and SAM Regions**

- a) Proposal for the extension of the GTE terms of reference as a mechanism for measuring safety performance in CAR/SAM regions.
- b) Proposal for the analysis of horizontal deviations in airspace RVSM CAR/SAM/ADHOC group result.

**Agenda Item 3: Review of the results of Large Height Deviation (LHD) analysis**

- a) Indicator data on points of greatest occurrence of LHD events.
- b) Actions taken for the enhancement of LHD event data capture and for the improvement of RVSM status capture by Registration States or Operator.
- c) Results of the assessment project for safety in Reduced Vertical Separation Minimum (RVSM) airspace for the CAR and SAM Regions.
- d) Identify trends.
- e) Lessons learned by CAR/SAM States to reduce the number of LHDs.
- f) GTE recommendations.
- g) Report on the progress made by States on LHD management

**Agenda Item 4: Activities and tasks to be reported to GREPECAS**

- a) Review of tasks to be reported to GREPECAS 2020.

**Agenda Item 5: Other business**

- a) Workshop for LHD' focal points in CAR/SAM regions.

— END —

APPENDIX B / APÉNDICE B



ICAO

International Civil Aviation Organization  
South American Office

**CAR/SAM Planning and Implementation Regional Group (GREPECAS) Nineteenth Scrutiny Working Group Meeting**  
**Décimo novena Reunión del Grupo de Trabajo de Escrutinio del Grupo Regional de Planificación y Ejecución CAR/SAM**  
**(GREPECAS)**  
**(GTE/19)**

Barranquilla, Colombia, 18 to 22 November 2019 / Barranquilla, Colombia, 18 al 22 de noviembre de 2019

REGISTRATION FORM / FORMULARIO DE REGISTRO

1.	<b>Position in your Delegation:</b> <i>(Please select one option)</i>	<b>Chief Delegate /</b> <b>Jefe de la Delegación</b>		<b>Delegate / Delegado</b>		
	<b>Posición dentro de su Delegación:</b> <i>(Por favor seleccione una opción)</i>	<b>Adviser / Asesor</b>		<b>Observer / Observador</b>		
		<b>Speaker / Conferencista</b>		<b>Moderator / Moderador</b>		
2.	<b>Country / Organization</b> <b>País / Organización</b>					
3.	<b>Salutation / Encabezamiento</b>	<b>Mr. /</b> <b>Sr.</b>		<b>Mrs. /</b> <b>Sra.</b>		<b>Miss /</b> <b>Srta.</b>
4.	<b>Name / Nombre</b>					
5.	<b>Official Position or Title /</b> <b>Cargo o Título Oficial</b>					
6.	<b>Official Telephone / Teléfono oficial</b>					
7.	<b>Mobile (to contact you in case of an emergency)</b> <b>Celular (para contactarle en caso de emergencia)</b>					
8.	<b>Official E-mail / Correo-e oficial</b>					
9.	<b>Hotel and address where you will be staying during the event / Hotel y dirección donde se estará hospedando durante el evento</b>					
10.	<b>Please indicate if accompanied by your family</b> <b>Por favor indique si lo acompaña su familia</b>	Yes / Sí		#		
11.	<b>Dates of total stay in the venue Country</b> <b>Fechas de estancia total en el País del evento</b>					
12.	<b>Please indicate if you have any medical condition or allergies / Por favor indique si usted tiene alguna condición médica o alergias</b>					
13.	<b>Emergency contact information in your country of origin /</b> <b>Información de contacto para emergencias en su país de origen</b>		<b>Name</b> <b>Nombre</b>			
			<b>Relationship</b> <b>Relación</b>			
			<b>Telephone</b> <b>Teléfono</b>			

Please send this form to: / Por favor envíe este formulario a:  
E-mail: [icaosam@icao.int](mailto:icaosam@icao.int)