



International Civil Aviation Organization

CAR/SAM Regional Planning and Implementation Group (GREPECAS)

**Sixteenth Meeting of the CAR/SAM Regional Planning and Implementation Group (GREPECAS/16)**

Punta Cana, Dominican Republic, 28 March – 1 April 2011

GREPECAS/16 – WP/05

08/03/11

**Agenda Item 2:**

**Aviation Safety and RASG-PA Activities**

**REGIONAL AVIATION SAFETY GROUP – PAN AMERICA (RASG-PA)  
ACTIVITIES UPDATE**

(Presented by the Secretariat)

<b>SUMMARY</b>	
RASG-PA is working on various Safety Enhancement Initiatives (SEIs) to reduce fatal accidents in Pan America.	
The success of RASG-PA depends on the participation and contribution of its members.	
<b>References:</b>	
<ul style="list-style-type: none"><li>• ICAO Global Aviation Safety Plan (GASP)</li><li>• ISSG Global Aviation Safety Roadmap (GASR)</li><li>• RASG-PA/03 Meeting Report</li><li>• RASG-PA website <a href="http://www.mexico.icao.int/RASGPA.html">http://www.mexico.icao.int/RASGPA.html</a></li></ul>	
<b>Strategic Objectives</b>	<i>This working paper is related to Strategic Objective A.1</i>

**1. Introduction**

1.1 The Regional Aviation Safety Group – Pan America (RASG-PA) was established in November 2008 as a focal point to ensure harmonization and coordination of efforts aimed at reducing aviation safety risks in the region.

1.2 RASG-PA is aligned with the ICAO Global Aviation Safety Plan (GASP) and the Industry Safety Strategy Group (ISSG) Global Aviation Safety Roadmap (GASR). In addition, it is the first multi-regional body in the world unifying government aviation agencies and industry that is established to address flight safety issues.

1.3 RASG-PA complies with the recent ICAO Council approval of Regional Aviation Safety Groups (RASGs) with the objective to address global aviation safety matters from a regional perspective.

1.4 The RASG-PA Executive Steering Committee (ESC) was reorganized and approved by decision during the RASG-PA/3 Meeting. It is composed of two Vice-Chairpersons: Jamaica, representing States, and the Latin America and Caribbean Air Transport Association (ALTA), representing international organizations and industry; four Vice-Chairpersons: Brazil, Costa Rica, Chile and the United States, representing States; ICAO NACC/SAM Regional Directors (NACC Office serves as Secretary); a representative from ICAO/ANB, representing ICAO Headquarters; NAM/CAR/SAM States/Territories; International Organizations; and NAM/CAR/SAM safety groups and manufacturers. See **Appendix A** to this working paper.

## 2. RASG-PA Activities

2.1 RASG-PA is working actively to mitigate safety risks to achieve significant improvements in the Pan American region. See **Appendix B** and **C** to this working paper.

2.2 To achieve its activities, RASG-PA has established the following working groups:

- 1) Regional Aviation Safety Team-Pan America (RAST-PA)
- 2) Flight Safety Training Team-FSTT
- 3) Annual Safety Report Team-ASRT

2.3 The ESC completed an analysis on the three key risk areas based on regional data. As a result, various short-term Safety Enhancement Initiatives (SEI's) were developed to reduce the rate of fatal accidents for the three specified risk areas, namely: Runway Excursion – RE, Controlled Flight Into Terrain – CFIT, and Loss of Control In-Flight – LOC-I. To implement the initiatives, the RAST-PA developed Detailed Implementation Plans – (DIPs) and assigned champions who will be the leads for implementation, reporting monthly progress to the ESC.

2.4 RASG-PA also developed the *2009 Annual Report on Aviation Safety* based on data provided by ICAO, the International Air Transport Association (IATA) and Boeing. The analysis of the aviation safety data was completed by experts who were provided through in-kind contributions from Argentina, Chile, Boeing and IATA, and coordinated by ICAO. This exclusive Pan American report, which has a consolidated vision of aviation safety using sources of information from regional stakeholders, is the first of its kind in the world.

2.5 Another area of RASG-PA activity is Project GSI/3A -*Effective Errors and Incident Reporting*, which is focused on developing and proposing a model legal framework to protect safety information. This document was distributed to all Pan American States by the RASG-PA Secretariat through a State Letter. Current activity for this project will provide a second updated and revised version of the document, which once approved by the ESC will be circulated to all member States for consideration.

2.6 RASG-PA is also working on Project RASG-PA GSI-12-*Use of Technology to Enhance Safety*, which refers to the Flight Operations Quality Assurance (FOQA) Program and is led by COCESNA/ACSA. The objective is to provide information to aircraft operators to facilitate early recognition of risks related to routine operations and how to manage and mitigate those risks. This project is currently being conducted by the DGAC of Costa Rica and a regional air carrier; it is facilitated by COCESNA/ACSA with participation of ALTA and Airbus. As a result of this campaign, no destabilized approaches were reported by the air operator at airports that were included in the program in Costa Rica during August, September and October 2010. As a consequence, it is concluded that the risk of runway excursion was reduced during this time-frame.

2.7 During the last RASG-PA meeting, COCESNA/ACSA briefed on a proposed pilot project to develop and establish an Accident/Incident Investigation Board in Central America. COCESNA requested that this project be coordinated through and supported by RASG-PA. This project is aligned with GSI-4-*Effective Incident and Accident Investigation*. The Meeting agreed that this new RASG-PA project should be presented to the Executive Steering Committee with the agreement of Central American States. If approved, the ESC would present the new RASG-PA project proposal for approval and support from the RASG-PA membership. In January 2011, during the ESC monthly teleconference, COCESNA/ACSA presented the ESC with a more detailed briefing of the pilot programme. The ESC has requested that COCESNA/ACSA provide a detailed list of equipment and required training so that RASG-PA can determine the level of available support.

2.8 The ESC has also agreed to carry out a feasibility study to determine if it would be opportune for RASG-PA to request information from the Aviation Safety Information Analysis and Sharing System (ASIAS). The FAA has developed a system that promotes the open interchange of aviation safety information; the ESC has designated a group to complete this task. The project is aligned with GSI-12-*Use of Technology to Enhance Safety*.

2.9 Based on the successful results of the First Pan American Aviation Safety Summit held in Sao Paulo, Brazil, from 19 to 23 April 2010, and in order to promote training and aviation safety RASG-PA members approved the joint sponsorship of the Second Annual Pan American Aviation Summit, which will be held in Mexico City, Mexico, from 15 to 16 June 2011. During the week of the Summit, in order to consolidate events, additional safety training is being planned at the same venue; RASG-PA will also convene a meeting during this week. Combining events is an overall objective of RASG-PA to minimize expense and assemble participants from all different aviation perspectives.

2.10 The RASG-PA meeting reports, as well as other important material related to detailed activities of the group and instruction, can be found at: [www.mexico.icao.int/RASGPA.html](http://www.mexico.icao.int/RASGPA.html)

2.11 Contact information for RASG-PA focal points are in **Appendix D** (bilingual) of this working paper.

### **3. Conclusion**

3.1 RASG-PA is fulfilling the objective of enhancing safety in the Pan American Region by eliminating duplication of efforts and reducing human and financial resource expenditure, which are extremely limited in the CAR/SAM Regions.

3.2 The success of RASG-PA is dependent on the commitment, participation and contributions of its members from States and industry alike through financial and in-kind support. Results to-date have been achieved only through the support of RASG-PA members.

### **4. Action by GREPECAS**

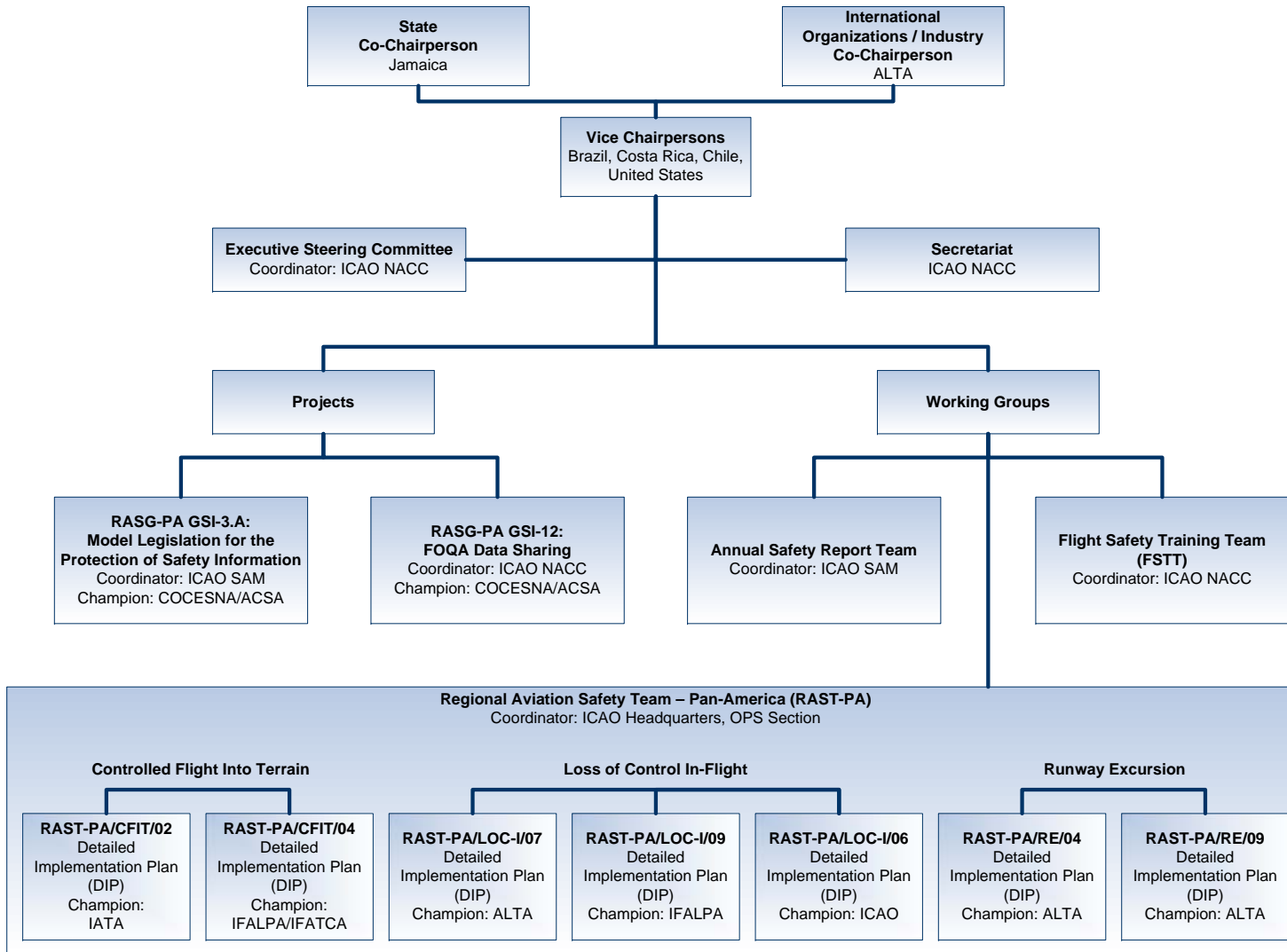
4.1. The Meeting is invited to:

- a) continue supporting RASG-PA by assigning appropriate representatives to participate in meeting and projects;
- b) provide contributions including: experts, training, hosting events, sharing of flight safety data, experiences and tools;
- c) adopt RASG-PA recommendations; and

- d) attend the Second Pan American Aviation Safety Summit and RASG-PA/04.

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# RASG-PA Organization



Note: To be ratified by RASG-PA/4

## APPENDIX B

## RASG-PA CONCLUSIONS (C) AND DECISIONS (D)

C/D No.	Area	Title	Text	Follow-up and Remarks	Responsibility	Deliverable	Target Completion Date	Status (Valid, Completed, Superseded)
D	3/1	REGIONAL AVIATION SAFETY TEAM PAN AMERICA (RAST-PA) DETAILED IMPLEMENTATION PLANS (DIPs)	RASG-PA/03 approved the DIPs and time lines contained in Appendices B and C to WP/03Rev., which are posted on the RASG-PA website.	RAST-PA will continue to implement and provide follow-up activities for approved DIPs	RASG-PA and RAST-PA Champions	Safety Enhancement Initiatives (SEI's)	Varies	Valid
C	3/2	FLIGHT SAFETY TRAINING TEAM (FSTT)	That States/Territories/International Organizations/Industry support the FSTT by assigning appropriate representatives to participate in meetings and contribute through provision/identification of flight safety training courses, material and toolkits, as well as hosting its events.		States/Territories/ International Organizations/ Industry	Broader base of information for flight training initiatives	Varies	Valid
D	3/3	RASG-PA ANNUAL SAFETY REPORT	That: a) the RASG-PA 2009 Annual Safety Report was approved as amended; b) the Secretariat publish the final version, incorporating the amendments proposed by Brazil and post the Annual Safety Report on the RASG-PA website; and c) the Annual Safety Report Team (ASRT) further evolve and improve future safety data analysis and resulting annual safety reports based on comments received.	RASG-PA Annual Safety Report 2009 was sent to the publisher	RASG-PA/ASRT	2009 Annual Safety Report	Publish prior to the Second Pan American Aviation Safety Summit 2011	Valid
C	3/4	RASG-PA POINTS-OF-CONTACT (PoCs)	That States/Territories/International Organizations/Industry inform/update ICAO of their RASG-PA Point-of-Contact details no later than <b>30 November 2010</b> , in order to complete the table attached in <b>Appendix A</b> of the RASG-PA/03 report.	Limited replies as of 06/12/2010	States, Territories, International Organizations, Industry	Updated list for distribution of information	30 November 2010	Valid
C	3/5	PROGRESS REPORT ON THE IMPLEMENTATION OF A LEGISLATIVE FRAMEWORK TO PROTECT SAFETY HAZARD INFORMATION	That States that have not yet done so, inform their respective ICAO Regional Office on their progress with implementation of a legislative framework to protect safety hazard information no later than <b>31 December 2010</b> , in order to complete the table attached in <b>Appendix B</b> to the RASG-PA/03 report.	No replies received as of 06 December 2010  Received reply from Costa Rica on 15 December 2010	States	Progress on GSI-3	31 December 2010	Valid

C/D No.	Area	Title	Text	Follow-up and Remarks	Responsibility	Deliverable	Target Completion Date	Status (Valid, Completed, Superseded)
C	3/6	<b>PROTECTION OF SAFETY INFORMATION REPORT</b>	<p>That:</p> <p>a) RASG-PA accept the “<i>Proposal for amendment to the aeronautical legislation in order to protect safety information sources</i>” document prepared under the GSI-3 Project and presented in the Appendix to WP/12;</p> <p>b) Airbus, ALTA, Boeing and IATA provide comments on the document to the RASG-PA Secretary by <b>14 January 2011</b>;</p> <p>c) the RASG-PA GSI-3 Project team review the comments received, revise and submit the final document to the RASG-PA Secretary by <b>31 January 2011</b>; and</p> <p>d) the RASG-PA Secretary send the final document to States and International Organizations by <b>14 February 2011</b>, and recommend that States use the guidance material in their efforts to create legal protection for sources of safety hazard information.</p>	<p>Follow-up action to be monitored by RASG-PA/ESC</p> <p>During January 2011 ESC teleconference, ESC agreed to extend comment period until 28 February 2011</p>	RASG-PA/ESC	GSI-3 Implementation	Varies	Valid
D	3/7	<b>RASG-PA PROCEDURAL HANDBOOK</b>	<p>That:</p> <p>a) RASG-PA approved the RASG-PA Procedural Handbook;</p> <p>b) the Secretariat publishes the final version, incorporating the amendment to retain regional Vice-Chairpersons, and post the handbook on the RASG-PA web site; and</p> <p>c) the ESC periodically review and revise the handbook based on proposed changes submitted to the Secretariat for approval by the RASG-PA.</p>	Updated RASG-PA Procedural Handbook, English and Spanish version, is completed	RASG-PA ESC	Updated RASG-PA Procedural Handbook (English and Spanish )	Available at the RASG-PA website	Valid
C	3/8	<b>SECOND PAN AMERICAN AVIATION SAFETY SUMMIT IN 2011</b>	<p>That:</p> <p>a) ICAO, ALTA and ACI organize the Second Pan American Aviation Safety Summit in June 2011; and</p> <p>b) RASG-PA members provide financial and in-kind support for and participate in the Second Pan American Aviation Safety Summit 2011.</p>	ALTA in coordination with ICAO NACC is leading efforts in organizing and logistics for the event in Mexico City, Mexico	RASG-PA ALTA	Harmonization of regional safety efforts	15-17 June 2011	Valid

**RASG-PA EXECUTIVE STEERING COMMITTEE DECISIONS (D)**

C/D No	Area	Title	Text	Follow-up and Remarks	Responsibility	Deliverable	Target Completion Date	Status (Valid, Completed Superseded)
D	4/2	<b>ISSG FUNDING REQUEST FOR RASG-PA PROJECTS</b>	It was decided that once the outcomes of RASG-PA/02 are clearly defined by the ESC and activities more clearly defined, then the ISSG could be informed about the needs for funds to implement RASG-PA projects	Now that funding account is established ESC can move forward with this decision. Hdqtrs will forward to ISSG	RASG-PA/ESC and ICAO	Soliciting funds for RASG-PA initiatives	On-Going	Valid
D	7/2	<b>RASG-PA PROJECT TO SUPPORT COCESNA/ACSA REGIONAL ACCIDENT AND INCIDENT INVESTIGATION BOARD</b>	COCESNA/ACSA will provide a detailed implementation plan to RASG-PA ESC outlining next steps and support requested from RASG-PA to assist in creating a regional accident and incident investigation board	COCESNA/ACSA briefed ESC during 09 December 2010 teleconference. They will provide additional details on January 2011 ESC teleconference  During 13 January 2011 ESC teleconference, COCESNA/ACSA agreed to provide more specific information regarding training needs to support regional go-team	COCESNA/ACSA	Regional support for Accident and Incident Investigation Board	TBD	Valid
D	7/3	<b>RASG-PA WILL PUBLISH THE ANNUAL SAFETY REPORT IN HARD COPY PRIOR TO THE SECOND PAN AMERICAN AVIATION SAFETY SUMMIT 2011</b>	RASG-PA will publish the RASG-PA Annual Safety Report in hard copy with support from Boeing and distribute to stakeholders prior to the Second Pan American Aviation Safety Summit 2011	RASG-PA Secretariat will coordinate support from Boeing to publish the Annual Safety Report 2009  Safety report final design was approved and is being published, will be ready by end of February. 250 copies will be distributed in English and Spanish. PDF copy will also be available in RASG-PA website	RASG-PA/ESC	First published RASG-PA Annual Safety Report 2009	Prior to the Second Pan American Aviation Safety Summit 2011	Valid

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## APPENDIX C

## RASG-PA 2011 ACTIVITY SCHEDULE (TENTATIVE)

RASG-PA EVENTS 2011	DATES	LOCATION	PARTICIPANTS
<ul style="list-style-type: none"> <li>Second RASG-PA Flight Safety Training Team (FSTT/2)</li> </ul>	22-23 February	Mexico City, Mexico	FSTT Members
<ul style="list-style-type: none"> <li>Eighth Regional Aviation Safety Group – Pan America Executive Steering Committee (RASG-PA/ESC/8) Meeting</li> <li>Fourth RASG-PA Regional Aviation Safety Team – Pan America (RAST-PA/4) Meeting</li> </ul>	15-17 March	Lima, Peru	ESC Members  RAST-PA Members
<ul style="list-style-type: none"> <li>Annual Safety Report Team (ASRT) Meeting</li> </ul>	April-June* *Safety data is normally available after March	Lima, Peru	ASRT Members
<ul style="list-style-type: none"> <li>Fifth Regional Aviation Safety Team – Pan America (RAST-PA/5) Meeting</li> <li>Ninth Regional Aviation Safety Group – Pan America Executive Steering Committee (RASG-PA/ESC/9) Meeting</li> <li>Second Pan American Aviation Safety Summit 2011</li> </ul>	13-17 June	Mexico City, Mexico	RAST-PA and ESC Members  NAM/CAR/SAM States  Aviation community
<ul style="list-style-type: none"> <li>Tenth Regional Aviation Safety Group – Pan America Executive Steering Committee (RASG-PA/ESC/10)</li> <li>Sixth Regional Aviation Safety Team – Pan America (RAST-PA/6) Meeting</li> </ul>	22-26 August	TBD	ESC Members  RAST-PA Members
<ul style="list-style-type: none"> <li>Seventh Regional Aviation Safety Team – Pan America (RAST-PA/7) Meeting</li> <li>Fourth Regional Aviation Safety Group – Pan America (RASG-PA/4) Meeting</li> <li>Eleventh Regional Aviation Safety Group – Pan America Executive Steering Committee (RASG-PA/ESC/11) Meeting</li> </ul>	17-21 October	Miami, United States	RAST-PA Members  RASG-PA Members  ESC Members

## APÉNDICE D / APPENDIX D

## PUNTOS FOCALES DE RASG-PA / RASG-PA FOCAL POINTS

Estado / Territorio / Organización Internacional / Industria State/Territory/International Organization / Industry	Nombre, Puesto / Name, Position	Dirección de correo electrónico / Electronic Mail address
<b>Anguilla</b>	Captain Margaret Wilson Manager Caribbean, Air Safety Support International <i>DCA Anguilla; British Virgin Islands; Montserrat</i>	Margaret.wilson@caribairsafety.aero
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<b>Aruba</b>		
<b>Bahamas</b>		
<b>Barbados</b>		
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<b>Bermuda</b>		
<b>Bolivia</b>		
<b>Brasil</b>	Carlos Eduardo M. S. Pellegrino Director ANAC	rasgpa@anac.gov.br
<b>Islas Vírgenes Británicas</b>	Captain Margaret Wilson Manager Caribbean, Air Safety Support International <i>DCA Anguilla; British Virgin Islands; Montserrat</i>	Margaret.wilson@caribairsafety.aero
<b>Canadá</b>	Shelly Chambers Director, International Operations, Civil Aviation, Transport Canada	shelly.chambers@tc.gc.ca
<b>Islas Caimanes</b>		
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Estado / Territorio / Organización Internacional / Industria State/Territory/International Organization / Industry	Nombre, Puesto / Name, Position	Dirección de correo electrónico / Electronic Mail address
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	Nari Williams-Singh Director Flight Safety Jamaica Civil Aviation Authority (JCAA)	nwilliams-singh@jcaa.gov.jm
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Estado / Territorio / Organización Internacional / Industria State/Territory/International Organization / Industry	Nombre, Puesto / Name, Position	Dirección de correo electrónico / Electronic Mail address
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<b>Paraguay</b>		
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<b>Islas Turcas y Caicos</b>		
<b>Reino Unido</b>	Captain Margaret Wilson Manager Caribbean, Air Safety Support International <i>DCA Anguilla; British Virgin Islands; Montserrat</i>	Margaret.wilson@caribairsafety.aero
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<b>Uruguay</b>		
<b>Venezuela</b>		

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<b>GEASSA</b>		
<b>ICCAIA</b>		
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