



International Civil Aviation Organization  
Regional Aviation Safety Group - Pan America (RASG-PA)

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# **Twenty-Sixth Pan America — Regional Aviation Safety Team Meeting**

## **PA-RAST/26**

### **Summary of Discussions**

San Jose, Costa Rica, 30 November to 2 December 2016

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### Summary of Discussions

<b>Date</b>	30 November to 2 December 2016
<b>Location</b>	San Jose, Costa Rica
<b>Meeting Opening</b>	<p>The Meeting was attended by 15 participants from 5 States/Territories, and 4 International Organizations and industry. <b>Appendix A</b> refers. <b>Appendix B</b> shows the 15 participants from Costa Rican Industry that attended the Industry Day activity.</p> <p>The Meeting was welcomed by General Manuel Caceres, Director General of the Central American Agency for Aviation Safety (<i>“Agencia Centroamericana para la Seguridad Aeronautica”</i> - ACSA). Mr. Adriano Monteiro de Oliveira, Regulation Specialist – Flight Safety, Brazil, chaired the Meeting, representing States/Territories, and International Organizations and Industry, respectively.</p> <p>Mr. Romulo Gallegos, Regional Officer, Technical Assistance and RASG-PA Programme Manager, from the ICAO NACC Regional Office, and Secretary of the Meeting, extended appreciation to ACSA and the Director General of Civil Aviation of Costa Rica, and the Government of Costa Rica, on behalf of the RASG-PA Secretariat for hosting the meeting.</p> <p>Ms. Veronica Chavez, Regional Officer, Technical Assistance, from the ICAO South American Regional Office, and Mr. Andreas Meyer, Safety Management Officer, from ICAO Headquarters, also attended the meeting.</p>
<b>Discussion Items</b>	
<b>Agenda Item 1:</b>	<p><b>Approval of the Provisional Agenda</b></p> <p>1.1 Mr. Frazier Rodriguez, State Safety Manager, Costa Rica Director General of Civil Aviation, presented the Meeting logistics.</p> <p>1.2 The Co-Chairperson representing States/Territories presented WP/01 inviting the Meeting to review the provisional agenda. The meeting was asked to approve the Agenda with modifications, as numerous presenter’s arrivals were delayed, causing the need to reshuffle the agenda. It was noted that Mr. Gabriel Acosta, PA-RAST Industry Co-Chairperson, from IATA, would participate in the meeting via teleconference. The meeting approved the proposed agenda, with modifications, and without discussion.</p>
<b>Agenda Item 2:</b>	<p><b>Review of PA-RAST Action Items</b></p> <p>2.1 The Meeting reviewed and updated the pending PA-RAST Meetings Action Items (AIs). <b>Appendix C</b> refers.</p>

**Agenda Item 3: Information from other Regional Aviation Safety Groups (RASG) Meetings of Interest to the PA-RAST**

3.1 The Secretariat noted that during the week of 21 November 2016, the Global RASGs participated in a teleconference with the ICAO Air Navigation Commission (ANC), as part of their scheduled reporting on RASG/PIRG activity. The Secretariat, at the next PA-RAST meeting, would report the outcomes of that meeting and other items relevant to the work of the PA-RAST.

**Agenda Item 4: Flight Data Exchange (FDX)/ Aviation Safety Information Analysis and Sharing (ASIAS) Review**

4.1 As customary for all PA-RAST meetings, the appropriate non-disclosure agreements for ASIAS data were duly explained by the Secretariat and signed by the attendees present at the PA-RAST Meeting for the first time.

4.2 The Meeting heard the following presentations, whose summaries have been uploaded to the RASG-PA website:

- Work of the Commercial Aviation Safety Team (CAST), presented by the United States
- Review of the FDX Program. presented by the IATA/ALTA Safety Team
- Survey to Identify Runway Excursion (RE) Guidance based on Air Carrier Information, presented by ALTA

4.3 As part of the continuous safety trend monitoring of the Region, performed every quarter by the former Information Analysis Team (IAT) and now by the PA-RAST, United States presented to the Meeting safety information from ASIAS (46 North American airlines participating). IATA presented information through its FDX database (28 Latin American airlines participating). A review of this data allows for previewing precursors (predictive information) in the CAR and SAM Regions for RE, Loss of Control-Inflight (LOC-I), Controlled Flight Into Terrain (CFIT), and Mid-Air Collision (MAC) occurrences. It should be noted that the FDX and ASIAS datasets presented were not available for the same timeperiod. Therefore, the comparative analysis of such is impacted and may not provide the up to date results.

**Agenda Item 5: Update From Detailed Implementation Plans (DIPs) Champions**

5.1 This Agenda item has been incorporated into Agenda Item 7.

**Agenda Item 6: Participant Presentations (Topics of Interest to the Meeting)**

6.1 The Meeting heard the following presentations that have been uploaded to the RASG-PA website:

- Updates on the MAC Safety Enhancement Team (SET) and the Brazil Commercial Aviation Safety Team (BCAST), presented by Brazil
- Automatic Dependent Surveillance – Broadcast (ADS-B) Data as a source for Analytical Solutions for Traffic Behavior in Airspace, presented by the Secretariat/ICAO HQs
- Stabilized Approach Working Group, presented by the Secretariat (ICAO/SAM Regional Office)
- Factors Related to RE occurrences and preventative measures for its mitigation – South America Accident Investigation and Prevention (AIG) Regional Cooperation Mechanism (ARCM), presented by the Secretariat (ICAO/SAM Regional Office)

**Agenda Item 7: Break-Out Sessions: Detailed Implementation Plans (DIPs) Champions**

7.1 The Meeting met in their DIP small teams to discuss programme activities and next steps to be taken.

**Agenda Item 8: Final Update from Detailed Implementation Plans (DIP) Champions**

8.1 The CFIT Team did not meet.

8.2 The LOC-I Team recommended a review of the future status of the LOC-I DIP as many of the programme activities that have been completed. A request for discussion was agreed to for the next PA-RAST meeting.

8.3 The MAC SET team members selected two more DIPs for development, starting the activities related to DIP 4: "Incorporate AC90-48D (Pilot's Role in Collision Avoidance) content into the flight crew training programmes." It was defined a timing chart covering the next steps, including a dedicated survey that will be submitted to the airlines of the Regions CAR/SAM.

8.4 The RE Team is working in the Output 1 of RE DIP 1. The guideline is being developed based on the reference material and will be presented for approval in the next PA-RAST meeting. The guideline is based on landing distance assessment and landing technique.

**Agenda Item 9:****Topics for the Good of the PA-RAST****9.1 PA-RAST Terms of Reference (TORs)**

9.1 The Meeting was informed by the Secretariat that there are still outstanding items identified that need to be clarified for possible inclusion to the draft of the TORs. The Secretariat apologized to the meeting for the lengthy process, and the fact that per the previous meeting minutes, a meeting with the Ad Hoc group did not take place. That was due to a decision made by the Secretariat that a discussion at that level was not needed due to the changes to the initial draft were more process oriented.

9.2 The Secretariat asked participants to note that a meeting between the Secretariat and the PA-RAST Co-Chairs will be held on the margins of the RASG-PA ESC Meeting from 13 to 14 December 2016, in Mexico City, Mexico, to discuss the final language suggested by the Secretariat. Once is in final draft, it will be circulated for review to all PA-RAST members and discussed at the first meeting in 2017. The suggestion was affirmed by a voice vote of the meeting.

**ACTION ITEM 26/1:** The Meeting affirmed that the final draft of the PA-RAST TORs will be disseminated shortly after the end of the RASG-PA ESC/26 Meeting to be held from 13 to 14 December 2016, in Mexico City, Mexico. PA-RAST members will have the opportunity to provide final inputs at the first PA-RAST meeting Calendar year 2017. The final draft will be presented to the RASG-PA ESC for approval by the “fast-track” method for inclusion into the Procedural Handbook by early 2017.

**Agenda Item 10****Other Business**

10.1 Regarding the proposal to create National Safety Teams (NSTs) presented by ALTA at the PA-RAST/25, Action Item 25/2 refers – “A decision to table the proposal and further analyze, was again tabled and will be reviewed at the PA-RAST/27 meeting”.

**10.2 Discussion on the use of PA-RAST Safety Data**

10.2.1 Significant discussion began after a comment made by the delegate from Honduras, regarding the best way to implement the use of the Safety Data presented. The issue raised fundamental questions regarding how RASG-PA Member States use the data, how the RASG-PA can assist Member States with implementing projects based on the data, the effectiveness of current programmes, and political will in States to hear the safety message, and to take appropriate measures to implement safety programmes.

10.2.2 The Secretariat asked the meeting to take note of the discussion and prepare an agenda item for the PA-RAST/27 meeting to discuss the issue at length.

**ACTION ITEM 26/2:** The meeting will take up the issue of implementing safety programmes and the use of safety data by Member States at the next PA-RAST meeting.

### 10.3 *2017 PA-RAST Calendar*

10.3.1 The Meeting considered possible changes to the format, structure and dates for the 2017 PA-RAST calendar. Discussion was centered around length, location, restructuring of agenda items and content.

10.3.2 After considerable discussion, the meeting agreed that there should still be four PA-RAST meetings held each year, and further agreed that two of the meetings should be held at the ICAO NACC or SAM Regional Offices (alternatively, and as the schedule permits) and two meetings will be held at alternating ICAO NACC and SAM States (with appropriate coordination with the State and the Regional Office). The meetings held in the State should be selected through analysis of where the safety message would benefit the country.

10.3.3 An action was created to discuss the 2017 PA-RAST Calendar proposal at the next RASG-PA ESC/28 meeting:

**ACTION 26/3:** That the Secretariat will draft a Working Paper and submit it to the RASG-PA ESC/28, detailing the 2017 PA-RAST Calendar and proposal for the meeting and seek its approval.

### 10.4 *RASG-PA Presentations for Costa Rican Aviation Stakeholders*

10.4.1 During the PA-RAST Meeting, an Industry Day was held with Costa Rican Aviation representatives, to discuss safety initiatives and the work conducted of RASG-PA.

10.4.2 Members of the “*Agencia Centroamericana para la Seguridad Aeronautica*” (ACSA), as well as other local and regional aviation Industry stakeholders were in attendance.

10.4.3 The following presentations were provided to the group:

- Historical Overview of the RASG-PA
- Work of the PA-RAST
- Overview of ASIAS/FDX Data Analysis
- BCAST
- BCAST-MAC Team

10.4.4 ACSA provided to the meeting a presentation on “The ACSA Experience”. The presentation covered the genesis/organization of ACSA, lessons learned during the implementation of their Regional Safety Program (RSP), implementation of a Central American Safety Management System, approaches to Risk Management, and aviation safety data collection and analysis. The presentation will be available on the PA-RAST/26 Meeting website.

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APPENDIX A


LIST OF PARTICIPANTS

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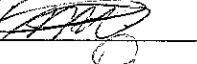

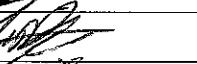





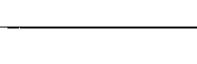
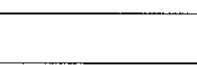

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	<b>FORMATO</b>		<b>LISTA DE PARTICIPACIÓN</b>
	Código	GPC-FMTO-12/16-DG	
	Edición	002	

**LISTA DE PARTICIPACIÓN**

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<b>LUGAR:</b>	Auditorio - ACSA	<b>FECHA:</b>	
		<b>HORA:</b>	

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No.	NOMBRE	UNIDAD	FIRMA
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3	Eugenio Cordero Estrada	Caribbean	
4	Rodrigo Umgña Elizondo	Volaris Costa Rica	
5	Enrique Sohm Gutiérrez	Avianca	
6	Cesar Miranda Quesada	LACSA/Avianca	
7	Edwardo Elevarria Cabrera	Nature Air/WC	
8	Sho Suvri	Nature Air/OPS	
9	Karol Chacón Porras	Aerobell Air charter	
10	Carlos Zambrana Araya	Aerobell Air charter	
11	Ricardo Mantealegre Escobar	Aerobell Air charter	
12	Luis Tomes Núñez	SMS/Aeris	
13	Adriana Bejarano Carrillo	SMS/Aeris	
14	Edgar Vindas Valeria	Sansa	
15	Arturo Zamora Vargas	AERIS	
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**CIERRE DE LISTA DE PARTICIPACIÓN**

<b>LUGAR:</b>		<b>FECHA Y HORA:</b>		<b>NOMBRE:</b>	
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**APPENDIX C**  
**PA-RAST VALID ACTIONS ITEMS (AIs)**

Action Item #	Description	Action Owner	Remarks	Status
PA-RAST/15/A14	Include LHDs in the work of SET 4 that will deal with MAC	SET 4	<ul style="list-style-type: none"> <li>SET 4 was activated in PA-RAST/24</li> </ul>	Valid
PA-RAST/17/A1	Boeing to provide crew members and flight simulator use to assist ALTA in simulator video.	Boeing	<ul style="list-style-type: none"> <li>Boeing will not support due to financial constrains</li> </ul>	Completed
PA-RAST/19/A1	Programme session with the assistance of a facilitator between pilots and air traffic controllers, in order to discuss the simulated flight execution presented in the RASG-PA Runway Excursion (RE) Prevention Video (RREPV)	ALTA	<ul style="list-style-type: none"> <li>The Secretariat will coordinate the activity under the RASG-PA Aviation Safety Training Team (ASTT) programme</li> <li>Seminar to be held at the ICAO NACC Regional Office, sponsored by Mexico, SENEAM, ALTA, IFALPA, CPAM, etc.</li> <li>Webinars conducted by ALTA and IATA</li> </ul>	Valid  Webinars conducted by ALTA and IATA completed.
PA-RAST/20/A1	Conduct LOC-I workshops, initially with one State (Chile) and two operators (LATAM and Sky Airlines)	IATA	<ul style="list-style-type: none"> <li>In preparation for the Workshop, set up a teleconference with Chile, IATA LATAM and Sky Airlines to introduce the team, the LOC-I DIPs and a possible workshop date(s)</li> </ul>	Valid  Workshop on hold
PA-RAST/23/A1	IFALPA to translate into Spanish LOC-I survey	IFALPA		Valid

Action Item #	Description	Action Owner	Remarks	Status
PA-RAST/23/A2	Creation of an Ad hoc Team to work on the ToRs of the PA-RAST	Brazil and IATA	<ul style="list-style-type: none"><li>On-going</li></ul> Work of Ad hoc team completed. Action Item to complete this created action	Valid

— END —