



ICAO

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

WORKING PAPER

RASG-PA/7 — WP/06
18/08/14

Seventh Regional Aviation Safety Group – Pan America Annual Plenary Meeting (RASG-PA/7)
Willemstad, Curaçao, 11 September 2014

Agenda Item 3: RASG-PA ESC and Team Reports
3.4 Aviation Safety Training Team (ASTT)

2013-2014 ACTIVITIES REPORT

(Presented by the Secretariat)

EXECUTIVE SUMMARY

The RASG-PA/ASTT was established to assess, identify and categorize available aviation safety training and provide access to RASG-PA members and the aviation community through the RASG-PA website and deliver training activities.

The training material, along with aviation safety seminars/workshops, is aligned with the data-driven aviation risk areas as identified by RASG-PA.

Action:	Suggested action is presented in Section 5.
<i>Strategic Objective:</i>	<ul style="list-style-type: none">• Safety
<i>References:</i>	<ul style="list-style-type: none">• RASG-PA/6 Meeting Report, San Jose, Costa Rica, 27 – 28 June 2013• RASG-PA/ASTT/05 Summary of Discussions, Miami, United States, 17 to 18 December 2013• RASG-PA Website: http://www.icao.int/RASGPA/Pages/default.aspx

1. Introduction

1.1 The RASG-PA Aviation Safety Training Team (RASG-PA/ASTT) was established in November 2009 at the RASG-PA/02 Meeting in Bogota, Colombia, held from 3 to 6 November 2009.

1.2 The ASTT is responsible for assessing, identifying and categorizing available aviation safety training, which is available to RASG-PA members and the aviation community through the RASG-PA website <http://www.icao.int/RASGPA/Pages/default.aspx>. Aviation safety training is aligned with the data-driven risk areas recognized by RASG-PA. The top data-driven aviation risk areas identified by RASG-PA for the Pan American Region for the 2002-2011 period were: Runway Excursion (RE), Controlled Flight Into Terrain (CFIT), Loss of Control In-Flight (LOC-I); recently Mid-Air Collision (MAC) was added.

1.3 As part of its work programme, the ASTT also delivers aviation safety workshops/seminars, collects and posts aviation safety training material on the RASG-PA website and holds meetings, as required, to coordinate implementation of ASTT objectives.

1.4 The aviation safety workshops/seminars include sharing specific RASG-PA data-driven safety information to mitigate the identified risk areas in the Pan American Region and also provides ICAO information on improving safety oversight systems, implementing the ICAO State Safety Programme (SSP) and Safety Management Systems (SMS), promoting implementation of Runway Safety Teams (RSTs), utilization of ICAO Electronic Safety Tools, information on fatigue, pilot monitoring, Performance Based Navigation (PBN), etc.

1.5 The workshops/seminars assist States with raising awareness, preparing and informing personnel and the local aviation community on up-to-date safety related issues.

2. RASG-PA/ASTT Activities Update

2.1 According to the approved programme for 2013-2014, ASTT activities after the RASG-PA/6 Annual Plenary Meeting were conducted as follows:

- RASG-PA Aviation Safety Seminar, Mexico City, Mexico, 15 to 16 August 2013 (**Appendix A**) (*available only in Spanish*)
- RASG-PA Aviation Safety Seminar, St Johns', Antigua and Barbuda, 10 to 12 September 2013 (**Appendix B**)
- RASG-PA/ASTT/05 Meeting, Miami, United States, 17 to 18 December 2013 (**Appendix C**)
- RASG-PA Aviation Safety Seminar, ICAO NACC Regional Office,, Mexico City, Mexico, 15 to 16 January 2014 (**Appendix D**) (*available only in Spanish*)
- RASG-PA Aviation Safety Seminar, Fort Lauderdale, United States, 22 to 23 May 2014 (**Appendix E**)

2.2 Aviation safety training material is posted and is available for free downloading on the RASG-PA website.

2.3 The ASTT/6 Meeting is scheduled for 18-19 December 2014, in Miami, United States, and will be hosted by ALTA.

3. Discussion

3.1 The ASTT provides free regional seminars/workshops for the aviation community in different locations as determined by the ASTT and approved by the RASG-PA ESC.

3.2 In order to deliver the aviation safety seminars/workshops the ASTT needs the support of member States and organizations that sponsor the training activities.

4. Conclusion

4.1 To ensure the success of RASG-PA activities, it is important to obtain support from States/Territories, international organizations and industry for the RASG-PA/ASTT through assignment of appropriate representatives as participants at its meetings and receive contributions of training courses and material corresponding to the top data-driven aviation risk areas as identified by RASG-PA for the Pan American Region, as well as sponsor RASG-PA aviation safety seminars/workshops.

5. Suggested Action

5.1 The Meeting is invited to:

- a) take note of the activities presented in this working paper;
- b) support the RASG-PA/ASTT through assignment of appropriate representatives as participants and speakers in its meetings and training activities;
- c) sponsor and host training activities; and
- d) contribute training courses and material corresponding to the top data-driven aviation risk areas in the Pan American Region.

ADJUNTO A



Organización de Aviación Civil Internacional

Grupo Regional de Seguridad Operacional de la Aviación – Pan América (RASG-PA) de la OACI
Seminario de Seguridad Operacional de la Aviación del Grupo Regional de Seguridad Operacional de la Aviación – Pan América (RASG-PA)



Ciudad de México, México, 15 y 16 de agosto de 2013

“El impacto de la actividad volcánica en la aviación”

PROGRAMA FINAL

DÍA UNO <i>Jueves, 15 de agosto de 2013</i>	
08:00 – 08:30	Registro
08:30 – 08:45	Apertura José Gil Jiménez, Subdirector de Área/Navegación Aérea DGAC México Mauricio Moran, Director, Aseguramiento de la Calidad y Seguridad Aérea Volaris Jorge Fernández, Subdirector, Oficina Regional NACC OACI Eduardo Chacin, Especialista Regional, Seguridad Operacional de Vuelo OACI
08:45 – 09:30	Grupo Regional de Seguridad Operacional de la Aviación – Pan América (RASG-PA) de la OACI Eduardo Chacin, Especialista Regional, Seguridad Operacional de Vuelo OACI
09:30 – 10:15	Las cenizas volcánicas y la preparación de los mensajes SIGMET Guillermo Vega, Especialista Regional, Meteorología Aeronáutica OACI
10:15 – 10:45	Receso
10:45 – 11:30	Importancia de la diseminación de información aeronáutica: Serie especial de NOTAM que notifica mediante un formato específico, cambios en la actividad de un volcán, erupciones volcánicas o nube de cenizas volcánicas que tienen importancia para las operaciones aéreas (ASHTAM) - Aviso a los Aviadores (NOTAM) Raúl Martínez, Especialista Regional, Gestión de Información Aeronáutica OACI
11:30 – 12:15	Perspectiva del Estado José Gil Jiménez, Subdirector de Área/Navegación Aérea DGAC México
12:15 – 13:15	Almuerzo
13:15 – 14:00	Perspectiva de los aeropuertos (cancelado)

14:00 – 14:45	Perspectiva de la línea aérea Marco Argüelles, Jefe de Seguridad Aérea Interjet
14:45 – 15:15	Receso
15:15 – 16:00	Perspectiva del Estado Ricardo Jiménez, Gestor Seguridad Operacional del Estado DGAC Costa Rica
16:00 – 16:30	La experiencia europea Javier Vanegas, Director, Latinoamérica y el Caribe CANSO
	Fin del primer día del Seminario

DÍA DOS Viernes, 16 de agosto de 2013	
08:30 – 08:45	Reflexiones sobre el primer día del Seminario Eduardo Chacin, Especialista Regional, Seguridad Operacional de Vuelo OACI
08:45 – 09:30	Perspectiva de la línea aérea Mauricio Moran, Director, Aseguramiento de la Calidad y Seguridad Aérea Volaris
09:30 – 10:15	Perspectiva de las organizaciones internacionales Augusto Herrera, Asesor de Seguridad Operacional, Seguridad de la Aviación y Operaciones ALTA
10:15 – 10:45	Receso
10:45 – 11:30	Perspectiva del proveedor de servicios de navegación aérea Enrique Camarillo, Meteorólogo Previsor / Esp. en Meteorología SENEAM México
11:30 – 12:15	Perspectiva de las organizaciones gubernamentales Paulino Alonso Rivera, Subdirector de Instrumentación y Comunicaciones CENAPRED México
12:15 – 13:15	Almuerzo
13:15 – 14:00	Perspectiva de las organizaciones internacionales Yuri Yomel Estrada, Representante de ASPA ante el Comité ATS de IFALPA IFALPA
14:00 – 14:45	Perspectiva de los aeropuertos Juan José Pineda, Jefe de Área Análisis Aeronáuticos Aeropuertos y Servicios Auxiliares – ASA México
14:45 – 15:15	Receso
15:15 – 16:00	Perspectiva del Estado Romeo García, Inspector Meteorológico, Aeropuerto Internacional La Aurora - AILA DGAC Guatemala
16:00 – 16:15	Conclusiones del Seminario Eduardo Chacin ICAO
16:15 – 16:30	Clausura del Seminario José Gil Jiménez DGAC de México Eduardo Chacin, Especialista Regional, Seguridad Operacional de Vuelo ICAO Mauricio Moran, Director, Aseguramiento de la Calidad y Seguridad Aérea Volaris



International Civil Aviation Organization

ICAO Regional Aviation Safety Group – Pan America (RASG-PA)

Jolly Beach, Antigua and Barbuda, 10 – 12 September 2013

Regional Aviation Safety Group – Pan America (RASG-PA) Aviation Safety Seminar/Workshop

PROGRAMME

DAY ONE

DAY ONE	
08:30 – 09:00	Registration
09:00 – 09:15	Opening
09:15 – 10:45	Regional Aviation Safety Group – Pan America (RASG-PA) Activities Eduardo Chacin, Regional Officer, Flight Safety ICAO
10:45 – 11:15	Break
11:15 – 12:30	ICAO SSP and SMS Introduction Eduardo Chacin, Regional Officer, Flight Safety ICAO
12:30 – 14:00	Lunch
14:00 – 14:45	Practical exercise N° 1 Eduardo Chacin, Regional Officer, Flight Safety ICAO
14:45 – 15:00	Break
15:00 – 16:00	Practical exercise N° 2 Eduardo Chacin, Regional Officer, Flight Safety ICAO

DAY TWO

09:00 – 10:45	ICAO SSP and SMS Implementation Eduardo Chacin, Regional Officer, Flight Safety ICAO
10:45 – 11:15	Break
11:15 – 12:30	ICAO SSP and SMS Implementation cont. Eduardo Chacin, Regional Officer, Flight Safety ICAO
12:30 – 14:00	Lunch
14:00 – 14:45	Practical exercise N° 3 Eduardo Chacin, Regional Officer, Flight Safety ICAO
14:45 – 15:00	Coffee break
15:00 – 16:00	Practical exercise N° 4 Eduardo Chacin, Regional Officer, Flight Safety ICAO

DAY THREE

09:00 – 10:00	ICAO Annex 19 Introduction Eduardo Chacin, Regional Officer, Flight Safety ICAO
10:00 – 10:45	Runway Safety: The Big Picture Eduardo Chacin, Regional Officer, Flight Safety ICAO
10:45 – 11:15	Break
11:15 – 12:30	Introduction of Safety Risk Management and Regional Examples of Runway Excursions Runway Safety Teams (RSTs) Implementation Eduardo Chacin, Regional Officer, Flight Safety ICAO
12:30 – 14:00	Lunch
14:00 – 14:45	The Future of Runway Safety Teams Eduardo Chacin, Regional Officer, Flight Safety ICAO
14:45 – 15:00	Break
15:00 – 15:45	Challenges and Opportunities for Aviation Training Eduardo Chacin, Regional Officer, Flight Safety ICAO
15:45 – 16:00	Closing of the Seminar/Workshop



International Civil Aviation Organization
 North American, Central American and Caribbean Office (NACC)
ICAO Regional Aviation Safety Group – Pan America (RASG-PA)
 IATA Regional Office, Miami, United States, 24 May 2013

**RASG-PA SAFETY SEMINAR
 PROGRAMME**

DAY ONE
Friday 24 May 2013

08:00 – 08:30	Registration
08:30 – 08:45	Opening
08:45 – 10:45	Regional Aviation Safety Group – Pan America (RASG-PA) Introduction Eduardo Chacin ICAO
10:45 – 11:15	<i>Coffee break</i>
11:15 – 12:00	Implementing and monitoring effectiveness of Reactive, Proactive and Predictive measurements Augusto Herrera ALTA
12:00 – 13:30	SSP and SMS Implementation Status in Colombia Miguel Camacho Aerocivil Colombia
13:00 – 14:00	<i>Lunch</i>
14:00 – 14:45	ACARS and ATS Services Status and Deployment Plan Michael Ramirez ARINC
14:45 – 15:00	<i>Coffee break</i>
15:00 – 15:45	Pilot Monitoring German Diaz Barriga IFALPA
15:45 – 16:30	IATA IOSA & ISAGO Update Gabriel Acosta IATA
16:30 – 17:00	ICAO Annex 19 Introduction Eduardo Chacin ICAO



International Civil Aviation Organization / Organización de Aviación Civil Internacional

ICAO Regional Aviation Safety Group – Pan America (RASG-PA)

Grupo Regional de Seguridad Operacional de la Aviación – Pan América (RASG-PA) de la OACI

Aeromexico Training Center , Mexico City, Mexico, 15 to 16 January 2014

Centro de Capacitación de Aeromexico, Ciudad de México, México, 15 al 16 de enero de 2014

RASG-PA Aviation Safety Seminar 2014 / Seminario de Seguridad Operacional de la Aviación RASG-PA 2014

PROGRAMME / PROGRAMA

DAY ONE / DÍA UNO <i>15 January 2014 / 15 de enero de 2014</i>	
08:00 – 08:30	Registry / Registro
08:30 – 08:45	Opening / Apertura Mexico DGAC, Aeromexico, ICAO
08:45 – 09:30	RASG-PA Activities / Actividades de RASG-PA Eduardo Chacin Regional Officer, Flight Safety / Especialista Regional, Seguridad Operacional de Vuelo ICAO / OACI
09:30 – 10:15	Runway Excursion (RE) / Excursión de Pista (RE) Miguel Pelaez, Director of Safety / Director de Seguridad Operacional DGAC Mexico / México
10:15 – 10:45	Break / Receso
10:45 – 11:30	Runway Excursion (RE) / Excursión de Pista (RE) Juan Hurtado, SVP of Safety / Director de Seguridad Operacional Grupo Aeromexico
11:30 – 12:30	Runway Excursion (RE) / Excursión de Pista (RE) Michael A.P. Meyers, Civil Airport Engineer / Ingeniero Civil de Aeropuertos Federal Aviation Administration United States / Estados Unidos
12:30 – 13:15	Mid Air Collision (MAC) / Colisión en el aire Victor Hernandez, Regional Officer, ATM/SAR / Especialista Regional ATM/SAR ICAO / OACI
13:15 – 14:00	Break / Receso
14:00 – 14:45	Mid Air Collision (MAC) / Colisión en el aire Ana Arenas, Operations Safety and Quality Manager / Gerente de Seguridad Operacional y Calidad COPA Airlines Colombia
14:45 – 15:30	Runway Excursion (RE) / Excursión de Pista (RE) German Diaz Barriga, EVP / Vicepresidente Ejecutivo IFALPA
15:30 – 16:15	Runway Excursion (RE) / Excursión de Pista (RE) Dan Ramírez Air Safety, North America Embraer Aircraft Holding, Inc.

DAY TWO / DÍA DOS <i>16 January 2014 / 16 de enero de 2014</i>	
08:30 – 08:45	Reflexion from previous day / Reflexión del día anterior Julio Garriga, Regional Officer, Technical Assistance / Especialista Regional, Asistencia Técnica ICAO / OACI
08:45 – 09:30	Runway Excursion (RE) / Excursión de Pista (RE) Jaime Calderon, Regional Officer, Aerodromes and Ground Aids / Especialista Regional, Aeródromos y Ayudas Terrestres ICAO / OACI
09:30 – 10:15	Runway Excursion (RE) / Excursión de Pista (RE) Rigoberto Ochoa Almaguer, Subdirector DOSA IACC Cuba
10:15 – 10:45	Break / Receso
10:45 – 11:15	Controlled Flight Into Terrain (CFIT) / Vuelo controlado contra el terreno (CFIT) Gabriel Acosta, Assistant Director, S&O / Sub-director, S&O IATA
11:15 – 12:00	Runway Excursion (RE) / Excursión de Pista (RE) Susana Gonzalez Miranda, Aeropuertos y Servicios Auxiliares – ASA Mexico / México
12:00 – 12:45	Runway Excursion (RE) / Excursión de Pista (RE) Heriberto Salazar, IFALPA
12:45 – 13:30	Break / Receso
13:30 – 14:15	Controlled Flight Into Terrain (CFIT) / Vuelo controlado contra el terreno (CFIT) Javier Velasco, Safety Coordinator / Coordinador de Seguridad Operacional MasAir Cargo
14:15 – 15:00	Loss of Control In-flight / Pérdida de control en vuelo Francisco Gómez Ortigoza, Asociación Sindical de Pilotos Aviadores de México - ASPA
15:00 – 15:30	Conclusions of RASG-PA Aviation Safety Seminar / Conclusiones del Seminario de Seguridad Operacional de la Aviación de RASG-PA Eduardo Chacin Regional Officer, Flight Safety / Especialista Regional, Seguridad Operacional de Vuelo ICAO / OACI

Preliminary Agenda Day 1

Preliminary Agenda Aviation Safety Seminar RASG-PA

Day 1

1- Section 1(Welcome to Event and RASG-PA Introduction) 09:30-10:30

Speaker: Eduardo Chacin

Title: ICAO North American Safety Officer

Company: International Civil Aviation Organization

Coffee Break



10:30-10:45

2- Section 2 (Risk Management – Air Traffic Control) 10:45-11:30

Speaker: Mark Rios

Title: Air Traffic Manager Miami Center

Company: Federal Aviation Administration USA

Preliminary Agenda Day 1

3- Section 3 (Safety Culture)

11:30-12:00

Speaker: Dan Ramirez

Title: Embraer Safety Specialist – Flight Operations

Company: Embraer Aircraft

Lunch Break



12:00-13:00

4- Section 4 (High Altitude Risk Management LOC-I)

13:00-13:30

Speaker: Dan Ramirez

Title: Embraer Safety Specialist – Flight Operations

Company: Embraer Aircraft

Preliminary Agenda Day 1

5- Section 5 (Safety Management Systems)

13:30-14:00

Speaker: Miguel Camacho

Title: Director of Operational Safety

Company: Colombia's Aeronautical Civil

Coffee Break



14:00-14:15

6- Section 6 (Runway Excursions)


14:15 -15:00

Speaker: Paulo Marcelo Ribeiro

Title: Manager Air Safety North America

Company: Embraer

Preliminary Agenda Day 1

Coffee Break		15:15 -15:30
7- Questions and Answer Panel		15:30 -16:00
8- Closing Day 1		16:00- 16:15

Preliminary Agenda Day 2

1- Section 1(Recap of Presentations from Day 1) 09:30-10:00

Speaker: Eduardo Chacin

Title: ICAO North American Safety Officer

Company: International Civil Aviation Organization

2- Section 2 (CFIT) 10:00-11:00

Speaker: David Zwegers

Title: Regional Safety Director, Latin America and Caribbean

Company: Airbus EADS

Coffee Break



11:00-11:15

3- Section 3 (Round Table and Closing) 11:15 –12:00