



**Agenda Item 3: RASG-PA Working Groups**  
**3.3 Aviation Safety Training Team (ASTT)**

**REPORT OF 2012 ACTIVITIES**

(Presented by the Secretariat)

**SUMMARY**

The RASG-PA/ASTT is one of three RASG-PA working groups, which was established to assess, identify and categorize available aviation safety training and make it available to all RASG-PA members and the aviation community through the RASG-PA website and to also deliver training activities.

The training material, which has been developed and compiled along with aviation safety workshops, is aligned with the three data-driven aviation risk areas as identified by RASG-PA and catalogued by regional need.

**References:**

- RASG-PA/04 Meeting Report
- RASG-PA/ASTT/03 Summary of Discussions
- RASG-PA/FSTT/2 Summary of Discussions
- 2nd RASG-PA Aviation Safety Workshop Report
- 3rd RASG-PA Aviation Safety Workshop Report
- 4rd RASG-PA Aviation Safety Workshop Report

**Strategic Objective**

*This working paper is related to Strategic Objective A – Safety*

**1. Introduction**

1.1 The RASG-PA Aviation Safety Training Team (RASG-PA/ASTT) was established during the RASG-PA/02 Meeting in Bogota, Colombia.

1.2 The ASTT is responsible for assessing, identifying and categorizing available aviation safety training, which is available to all RASG-PA members and the aviation community through the RASG-PA website. The aviation safety training is aligned with the three data-driven risk areas as recognized by the RASG-PA and catalogued by regional needs.

1.3 The top three data-driven aviation risk areas identified by RASG-PA for the Pan American Region for the 2002-2011 period are: Runway Excursion (RE), Controlled Flight Into Terrain (CFIT) and Loss of Control In-Flight (LOC-I).

1.4 As part of its work programme, the ASTT delivers Aviation Safety Workshops, collects and posts aviation safety training material on the RASG-PA website: [www.rasg-pa.org/](http://www.rasg-pa.org/) and holds meetings as required ensuring implementation of workgroup objectives.

1.5 The Aviation Safety Workshops (two days) include sharing specific RASG-PA data driven safety information on mitigating the top three risk areas for the 2002-2011 period 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 the implementation of Runway Safety Teams (RSTs), the utilization of ICAO Electronic Safety Tools, information on fatigue, pilot monitoring, etc. For information about the programme and requirements for sponsoring a workshop, refer to the **Appendix** to this working paper.

1.6 The workshops assist States with raising awareness, preparing and informing their staff and the local aviation community of up-to-date safety related issues.

## **2. RASG-PA/ASTT activities update**

2.1 According to the approved programme for 2012, the following provides the status of the RASG-PA Aviation Safety Workshops:

- Mexico: a workshop was delivered 30 to 31 January 2012, at the ICAO NACC Regional Office with over 100 participants in attendance
- Colombia: a workshop was delivered workshop in Bogota, Colombia, on 21-22 June 2012, immediately following the 3<sup>rd</sup> Pan American Aviation Safety Summit with over 140 participants in attendance.
- Cuba: reported that they will sponsor the Workshop in 2013

2.2 Aviation safety training material has been posted and is available to the aviation community for downloading on the RASG-PA website: [www.rasg-pa.org/#TrainingRefs](http://www.rasg-pa.org/#TrainingRefs)

2.3 The ASTT acknowledges the in-kind support of Flight Safety Foundation (FSF) by allowing RASG-PA to provide the free download of the ALAR Toolkit Version 5.0, in English, from the RASG-PA website. Users need to register for a free download of the Toolkit.

2.4 The RASG-PA Secretariat has requested ICAO funds from the ICAO Safety Fund (SAFE) to support 2013 RASG-PA training activities. A response should be received by the end of the year.

2.5 The next ASTT/4 Meeting is scheduled tentatively for December 2012, in Miami, United States, hosted by Airbus.

### **3. Discussion**

3.1 The ASTT considered that RASG-PA, as part of its regional safety enhancement activities and in order to increase its presence and visibility in the CAR/SAM Regions, must deliver as a minimum five free regional workshops/seminars in the year 2013 for the aviation community in different locations as determined by the ASTT.

3.2 In order to deliver the aviation safety workshops and to provide up-to-date training, the ASTT needs the support of member States and organizations.

### **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 the assignment of appropriate representatives as participants in its meetings and to receive contributions of training courses and material corresponding to the top three data-driven aviation risk areas as identified by RASG-PA for the Pan American Region, as well as sponsor RASG-PA Aviation Safety Workshops.

4.2 The ASTT wishes to acknowledge the contribution of the following States, organizations and airlines for supporting the RASG-PA Aviation Safety Workshops in 2012: ACI-LAC, Aeromexico, ALTA, Aeropuertos y Servicios Auxiliares (ASA), CANSO, IATA, IFALPA, MasAir Cargo Airline, the Civil Aviation Authorities of Colombia and Mexico, and FSF for the in-kind contribution of the ALAR Toolkit.

### **5. Suggested Action**

5.1 The RASG-PA/05 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, as appropriate;
- c) volunteer to sponsor and host training activities; and
- d) contribute with training courses and material corresponding to the top three data-driven aviation risk areas in Pan American Region for RE, CFIT and LOC-I.

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## APPENDIX



*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**

Bogota, Colombia 21 to 22 June 2012 / Bogotá, Colombia, 21 al 22 de junio de 2012

**Third Pan American Aviation Safety Summit 2012 / Tercera Cumbre Panamericana de Seguridad Operacional 2012**

**Fourth RASG-PA Aviation Safety Workshop 2012 / Cuarto Taller de Seguridad Operacional de la Aviación de RASG-PA 2012**

## PROGRAMME / PROGRAMA

DAY ONE / DÍA UNO <i>Thursday 21 June 2012 / Jueves 21 de junio de 2012</i>	
13:45 – 14:00	<b>Opening / Apertura</b> Eduardo Chacin, Regional Officer Flight Safety / Especialista Regional en Seguridad Operacional de Vuelo ICAO/OACI
14:00 – 15:00	<b>ICAO State Safety Programme (SSP) and Safety Management Systems (SMS) perspective / Perspectiva de la OACI sobre el Programa Estatal de Seguridad Operacional (SSP) y los Sistemas de Gestión de Seguridad Operacional (SMS)</b> Eduardo Chacin, Regional Officer Flight Safety / Especialista Regional en Seguridad Operacional de Vuelo ICAO / OACI
15:00 – 15:20	<b>Coffee Break / Pausa para el café</b>
15:20 – 16:00	<b>ICAO State Safety Programme (SSP) and Safety Management Systems (SMS) implementation strategy / Estrategia de implementación del Programa Estatal de Seguridad Operacional (SSP) de la OACI y los Sistemas de Gestión de Seguridad Operacional (SMS)</b> Olga Beatriz Martinez Mariño, SSP-SMS Implementation Coordinator / Coordinadora de la Implementación SMS - SSP U.A.E. Aeronáutica Civil de Colombia
16:00 – 16:30	<b>APEX Excelency in Airport Safety / APEX - Excelencia en seguridad operacional de aeropuertos</b> Javier Martinez Botacio, Regional Secretary / Secretario Regional ACI-LAC
16:30 – 17:00	<b>CANSO Initiative on Runway Safety / Iniciativas de CANSO sobre la seguridad operacional de la pista</b> Javier Vanegas, Director, Latin America and Caribbean Affairs / Director, Asuntos de Latinoamérica y Caribe CANSO
17:00	End of day one / Fin del día uno

**DAY TWO / DÍA DOS**  
**Friday 22 June 2012 / Viernes 22 de junio de 2012**

08:30 – 08:40	<p><b>Reflections of previous day / Reflexiones del día anterior</b>  Eduardo Chacin, Regional Officer Flight Safety / Especialista Regional en Seguridad Operacional de Vuelo  ICAO / OACI</p>
08:40 – 10:00	<p><b>Pilot Monitoring / Piloto monitoreando</b>  Juan Carlos Gonzales Curzio, Regional Representative / Representante Regional  IFALPA</p>
10:00 – 10:20	<p><b>Coffee break / Pausa para el café</b></p>
10:20 – 12:00	<p><b>Approach and Landing Accident Reduction (ALAR) / Reducción de accidentes durante la aproximación y aterrizaje (ALAR)</b>  Javier Velasco, Flight Safety Coordinator / Coordinador de Seguridad Aérea  MasAir Cargo</p>
12:00 – 13:30	<p><b>Lunch / Almuerzo</b></p>
13:30 – 14:30	<p><b>IATA Runway Excursion Risk Reduction Toolkit (RERR) / Herramienta de reducción de riesgo de excursión de pista de la IATA (RERR)</b>  Gabriel Acosta, Manager Safety, Operations &amp; Infrastructure / Gerente de Seguridad Operacional, Operaciones e Infraestructura  IATA</p>
14:30 – 15:00	<p><b>Runway Safety Team (RST) / Equipo de seguridad operacional de pista (RST)</b>  Eduardo Chacin, Regional Officer Flight Safety / Especialista Regional en Seguridad Operacional de Vuelo  ICAO / OACI</p>
15:00 – 15:20	<p><b>Coffee break / Pausa para el café</b></p>
15:20 – 16:00	<p><b>Regional Safety Strategy / Estrategia Regional de Seguridad Operacional</b>  Augusto Herrera, Flight Operations, Safety &amp; Security Advisor / Consejero de Operaciones de Vuelo, Seguridad Operacional y Seguridad de la Aviación  ALTA</p>
16:00 – 16:30	<p><b>ICAO Electronic Safety Tools / Herramientas electrónicas de seguridad operacional de la OACI</b>  Eduardo Chacin, Regional Officer Flight Safety / Especialista Regional en Seguridad Operacional de Vuelo  ICAO / OACI</p>
16:30 – 16:45	<p><b>Conclusions of the Fourth RASG-PA Workshop 2012 / Conclusiones del Cuarto Taller de RASG-PA 2012</b>  Eduardo Chacin Regional Officer Flight Safety / Especialista Regional en Seguridad Operacional de Vuelo  ICAO / OACI</p>

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16:45 – 17:00	<b>Closing Ceremony / Ceremonia de clausura</b> German García Aveledo, Secretario de Seguridad Aérea U.A.E. Aeronáutica Civil de Colombia Eduardo Chacín, Regional Officer Flight Safety / Especialista Regional en Seguridad Operacional de Vuelo ICAO / OACI
17:00	End of day two / Fin del día dos

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Organización de Aviación Civil Internacional



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

**Tercer Taller de Seguridad Operacional de la Aviación del Grupo Regional de Seguridad Operacional de la Aviación – Pan América (RASG-PA)**

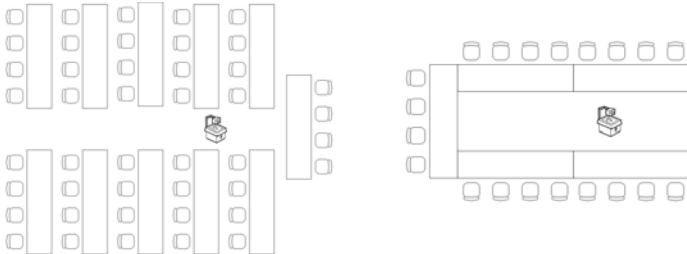
Ciudad de México, México, 30 y 31 de enero de 2012

**PROGRAMA FINAL**

<b>DÍA UNO</b> <i>Lunes, 30 de enero de 2012</i>	
08:00 – 08:30	<b>Registro</b>
08:30 – 08:45	<b>Apertura</b> Víctor Hernandez Eduardo Chacin OACI
08:45 – 09:30	<b>Grupo Regional de Seguridad Operacional de la Aviación – Pan América (RASG-PA) de la OACI</b> Eduardo Chacin OACI
09:30 – 10:00	<b>Perspectiva de la OACI sobre el Programa Estatal de Seguridad Operacional (SSP) y los Sistemas de Gestión de Seguridad Operacional (SMS)</b> Eduardo Chacin OACI
10:00 – 10:30	<b>Receso</b>
10:30 – 12:00	<b>Perspectiva de la OACI sobre el Programa Estatal de Seguridad Operacional (SSP) y los Sistemas de Gestión de Seguridad Operacional (SMS) continuación</b> Eduardo Chacin OACI
12:00 – 13:00	<b>Almuerzo</b>
13:00 – 13:45	<b>Experiencias en la implementación del Programa Estatal de Seguridad Operacional (SSP) de la OACI</b> Enrique Herrera DGAC de México
13:45 – 14:30	<b>Experiencias en la implementación de los Sistemas de Gestión Seguridad Operacional (SMS)</b> Eric Mayett Aeromexico
14:30 – 15:00	<b>Receso</b>
15:00 – 15:45	<b>Fatiga en las tripulaciones de vuelo</b> German Diaz Barriga IFALPA
15:45 – 16:30	<b>Mantenimiento de la pista y su repercusión en la seguridad operacional</b> Susana Gonzalez Miranda ASA

<b>DÍA DOS</b> <i>Martes, 31 de enero de 2012</i>	
08:30 – 08:35	<b>Reflexiones del primer día</b> Eduardo Chacin OACI
08:35 – 10:00	<b>Piloto monitoreando</b> Juan Carlos Gonzales Curzio IFALPA
10:00 – 10:30	<b>Receso</b>
10:30 – 12:00	<b>Reducción de accidentes durante la aproximación y aterrizaje (ALAR)</b> Javier Velasco MasAir Cargo
12:00 – 13:00	<b>Almuerzo</b>
13:00 – 13:45	<b>Iniciativas de CANSO sobre la seguridad operacional en la pista</b> Javier Vanegas CANSO
13:45 – 14:30	<b>APEX - Excelencia en seguridad operacional de aeropuertos</b> Javier Martinez Botacio ACI-LAC
14:30 – 15:00	<b>Receso</b>
15:00 – 15:30	<b>Equipo de seguridad operacional de pista (Runway Safety Team - RST)</b> Eduardo Chacin OACI
15:30 – 16:00	<b>Evaluación de la seguridad operacional en el espacio aéreo ATS</b> Víctor Hernandez OACI
16:00 – 16:15	<b>Herramientas electrónicas de seguridad operacional de la OACI</b> Eduardo Chacin OACI
16:15 – 16:30	<b>Conclusiones del Taller</b> Eduardo Chacin OACI
16:30 – 16:45	<b>Ceremonia de clausura</b> Víctor Hernandez Eduardo Chacin OACI

**List of Requirements for a  
RASG-PA Safety Workshop**

<b>1.</b>	<p><b>Meeting room for 100 persons</b>, in classroom, auditorium or amphitheatre layout, with head table (4 persons), podium, drinking water, two flag poles for the ICAO and host State flags.</p> 
<b>2.</b>	<p><b>Audiovisual equipment</b> – Notebook/Laptop computer, multimedia projector, screen, wireless mouse, laser pointer (depending on the size of the room, more than one screen should be installed for full visibility).</p>
<b>3.</b>	<p><b>Sound equipment</b> - wireless receptors for each participant and fixed microphones, etc. Regarding the number of microphones, fixed or wireless microphones should be installed including two for the head table.</p>
<b>4.</b>	<p><b>Availability of electric power points</b> to plug-in computers in the head table.</p>
<b>5.</b>	<p><b>Coffee and snack service</b> for two daily breaks.</p>
<b>6.</b>	<p><b>Support staff</b> to assist the ICAO Secretariat during participant registration to the event, Support staff should be available beyond normal working hours, when necessary. Support staff will work under the supervision of the ICAO Secretariat staff.</p>
<b>7.</b>	<p><b>Identification badges</b> for the participants.</p>
<b>8.</b>	<p><b>A coordination meeting</b> should be held on the day prior to the beginning of the meeting to review logistical and administrative details. The participants of the coordination meeting should be the coordinator of the event from the host Administration, the staff who will be supporting the event, the ICAO staff and someone representing hotel/convention centre management who is responsible for the meeting conference room.</p>
<b>9.</b>	<p><b>Preferential hotel rates</b> for meeting participants.</p>