



INTERNATIONAL CIVIL AVIATION ORGANIZATION
REGIONAL AVIATION SAFETY GROUP – PAN AMERICA

(RASG-PA)

THIRD MEETING OF THE RASG-PA
AVIATION SAFETY TRAINING TEAM

(ASTT / 03)

SUMMARY OF DISCUSSION

MEXICO CITY, MEXICO

30 SEPTEMBER 2011

1. Historical

1.1 The third meeting of the RASG-PA Flight Safety Training Team (ASTT/03) was held at the ICAO NACC Office, Mexico City, Mexico, 30 September 2011. Mr. Eduardo Chacin, ICAO NACC, assisted by Mr. Adolfo Zavala, ICAO NACC, acted as Secretaries to the meeting. The meeting was conducted in Spanish.

1.2 The meeting was attended by eleven participants from international organizations and airports. An attendance list is provided in **Appendix A**. It is noteworthy that some participants attended the event using the internet tools.

1.3 Mr. Eduardo Chacin, on behalf of the RASG-PA Secretary, welcomed the attendees and thanked them for their support and participation in RASG-PA activities. He also mentioned the importance of support from States/Territories, international organizations and industry for the RASG-PA/ASTT through assignment of appropriate representatives to participate in its meetings and contribution of training courses and material corresponding with the top three data-driven risk areas as identified by RASG-PA Executive Steering Committee (ESC) for the Pan American Region such as:

- Runway Excursion (RE)
- Controlled Flight Into Terrain (CFIT)
- Loss of Control In-Flight (LOC-I)

2. Agenda Item 1: Review and approval of the Draft Meeting Agenda

2.1 The ASTT reviewed the draft agenda, modified and adopted it as follows:

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| Agenda Item 1: | Review and approval of the draft Meeting Agenda. |
| Agenda Item 2: | Review of RASG-PA Detailed Implementation Plans (DIPs) associated with training. |
| Agenda Item 3: | Review and assessment of available flight safety training material related to current RASG-PA Safety Enhancement Initiatives (SEIs). |
| Agenda Item 4: | RASG-PA Training Programme for 2012 |
| Agenda Item 5: | Next meeting |
| Agenda Item 6: | Other business <ul style="list-style-type: none">• ACI presentation about on-line safety training for Latin America and Caribbean |

3. Agenda Item 2: Review of RASG-PA Detailed Implementation Plans (DIPs) associated with training

3.1 Mr. Adolfo Zavala, on behalf of the RASG-PA Secretary provided a briefing about the outcome of the RASG-PA/ESC/10 regarding training activities, and also provided an overview of the latest Detailed Implementation Plans (DIPs) as developed by the Regional Aviation Safety Team – Pan America (RAST-PA) in regard to the Safety Enhancement Initiatives (SEIs) from the top three data-driven risk areas:

a) Runway Excursion (RE):

1. RAST-PA/RE/4: Promote pilot adherence to Standard Operating Procedures (SOPs) for approach procedures including the go-around decision-making process.
2. RAST-PA/RE/9: Promote specific training for pilots and air traffic controllers to avoid unstable approaches.
3. RAST-PA/RE/10: Promote specific training for aerodrome personnel regarding maintenance and operations of the runway.
4. RAST-PA/RE/11: Develop guidance material and training programmes to create action plans for runway safety teams.

b) Controlled Flight into Terrain (CFIT):

1. RAST-PA/CFIT/02: Promote specific Approach and Landing Accident Reduction (ALAR/CFIT) training for pilots.
2. RAST-PA/CFIT/04: Promote Crew Resource Management (CRM) / Situational Awareness training for pilots and air traffic controllers.

c) Loss of Control In-Flight (LOC-I):

1. RAST-PA/LOC-I/7: Promote LOC training – Advanced maneuvers.
2. RAST-PA/LOC-I/9: Promote LOC training – Pilot monitoring policies and procedures for the operator and training program for flight crews.

3.2 The ASTT overview the DIPs and focused on the training aspects of each one for pilots, air traffic controllers, airport maintenance and operations personnel.

3.3 The ASTT recalled that during the FSTT/02 ALTA presented the results of the survey conducted that showed that approximately 70% of the airlines provide training to their crews to prevent runway excursions. ALTA also agreed in the same meeting that will provide updated information at RASG-PA/04. The ASTT acknowledges that this information will be useful for the developing of the ASTT training strategy.

3.4 Aeropuertos y Servicios Auxiliares (ASA) of Mexico representative also proposed that a tailored made Runway Safety Programme would become mandatory by the regulators as recurrent training for renewal of pilot license.

4. Agenda Item 3: Review and assessment the available flight safety training material related to current RASG-PA Safety Enhancement Initiatives (SEIs)

4.1 The Secretary informed that the First RASG-PA Safety Workshop with simultaneous translation English and Spanish was conducted preceding the Second Pan American Aviation Safety Summit. It was held in the ICAO NACC Regional Office in 13 June 2011. The Workshop was attended by 75 participants and included presentations from ALTA, IATA, IFALPA, ICAO, Mexico DGAC, COCESNA/ACSA, ASA, SENEAM, Aeromexico, MasAir and Volaris. Presentations are available at: www.mexico.icao.int/Meetings/RASGPAPWKSP.html. The workshop focused on the top three aviation risk areas in the Pan American region and included a presentation on Pilot Monitoring Toolkit provided by IFALPA who is championing RASG-PA/LOC-I/9 DIP. The programme is presented in the **Appendix B**.

4.2 In regard to the Runway Excursion Risk Reduction (RERR) 2nd Edition Toolkit developed by ICAO and IATA and another safety material the Secretariat mentioned that is available in the ICAO Runway Safety website: <http://www2.icao.int/en/RunwaySafety/default.aspx>. Additional Runway Safety Training is available in the RASG-PA website: www.mexico.icao.int/RASGPANonICAOTraining.html

4.3 The Secretary informed the participants on the current status of aviation safety training that had been posted and is available to the public for downloading on the RASG-PA website: www.mexico.icao.int/RASGPANonICAOTraining.html and also in the ICAO Integrated Safety Trend Analysis and Reporting System – iSTARS website: <http://www2.icao.int/en/ism/istars/pages2/homepage.aspx>

4.4 Airbus informed to the Secretariat that they delivered the four days Operator SMS Training Course intended to Operators and Authorities in Bogota, Colombia early this year. The second course is scheduled in Miami, Unites States, from 15-18 November this year. These courses are free and are part of Airbus commitment to support RASG-PA training activity.

4.5 The Secretary informed that the next RASG-PA Safety Workshop will be held in Caracas, Venezuela on the first week of December this year and it will be sponsored by Venezuelan INAC.

4.6 The Secretary also informed that is in coordination with CASSOS to deliver a RASG-PA Safety Workshop in the Caribbean Region by the end of the year.

5. RASG-PA Training Programme for 2012

5.1 The ASTT considered that RASG-PA, as part of its regional safety activities and in order to increase its presence in the CAR/SAM Regions, must deliver as a minimum four free regional workshops/seminars in the year 2012 for the aviation community. It is suggest one every quarter in different locations.

5.2 In order to determine the criteria to follow the ASTT decided to review the RASG-PA Annual Safety Report 2011 containing data from 2010.

5.3 The ASTT applied the data-driven criteria of attending those States that shows the highest rates of fatal accidents involving aircraft with a maximum takeoff mass above 5,700 kg according to the RASG-PA Annual Safety Report 2011 excluding the United States. Those States are: Colombia, Cuba, Mexico, Suriname and Venezuela. See **Appendix C**.

5.4 The ASTT considered that two or three days Safety Workshops/Seminars will be useful depending on the availability of the RASG-PA stakeholders to provide training addressing the major aviation safety risk areas as identified by RASG-PA.

5.5 The ASTT considered that the topics covered by the Safety Workshos/Seminars would be: Pilot Monitoring, ALAR II, Threat and Error Management (TEM), Performance Based Navigation (PBN), Safety Management Systems (SMS) and State Safety Programme (SSP), and the protection of safety information and the legislative framework.

5.6 The ASTT also reviewed the results of the ICAO Universal Safety Oversight Audit Programme (USOAP) presented in the RASG-PA Annual Safety Report that shows that in the CAR/SAM Region the highest level of lack of effective implementation (LEI) is related to the technical personnel, qualification and training (Critical Element 4 – CE 4). The ASTT agreed that it would be useful to determine these States with the highest LEI in the CE 4 and to offer them training, as a mitigation to enhance safety.

5.7 The Team acknowledges the usefulness of the RASG-PA Annual Safety Report as a tool for data-driven decision making process.

5.8 The Team also discussed the possibility of delivering safety training during the meetings that RASG-PA will held throughout the Region in 2012, considering that many of the experts of different States/Organizations would be present and that the RASG-PA Safety Workshop will be an added value and an incentive for the State to host any RASG-PA event.

5.9 Aeropuertos y Servicios Auxiliares (ASA) of Mexico representative offered the facilities of Centro Internacional de Instrucción de Aeropuertos y Servicios Auxiliares (CIASA), which is an ICAO TRAINAIR Plus certified center for any RASG-PA training activity.

5.8 The Secretary also offered the facilities of the ICAO NACC Regional Office as well as Regional Officers expertise for any RASG-PA activity.

5.10 The Team shared a concern on how to reach the pilots of the corporate/executive sector and other aviation professionals with the RASG-PA safety initiatives and suggested the issue of a RASG-PA Safety Directive to promote the availability of training material to this group in the RASG-PA website.

6. Agenda Item 5: Next meeting

6.1 The ASTT agreed to have the ASTT/4 Meeting at the end of 2011 in order to adjust the work programme for 2012 based on the outcome of the ESC/11 and the RASG-PA/04.

6.2 In order to monitor the RASG-PA Safety training and associated ASTT activities, the ASTT agreed to use periodical virtual meetings to review and update the ASTT work programme as required.

7. Agenda Item 6: Other business

7.1 The Secretary informed that there is an on-going coordination with ACI to deliver training in 2012.

7.2 ACI representative joined the meeting on line and expressed that they are currently putting a lot of effort into promoting safety through our Online Training Tools and getting as much awareness and as many people taking safety training as possible.

7.3 ACI created an account for the ICAO NACC Regional Office so that the specialists can preview three of the Safety Awareness courses: Airside Safety, SMS and Human Factors (currently in English, but will be translated to Spanish in Q1 2012). They are available at the following website: www.olc.aero

7.4 The ASTT considered that it is an interesting option for training in the region, especially in Spanish language. Therefore, the Secretary invited ACI to present a working paper and to deliver a presentation in the RASG-PA/04 Meeting.

8. Summary of recommended actions to be considered by the RASG-PA Executive Steering Committee (RASG-PA/ESC)

8.1 The RASG-PA/ESC is invited to note the progress of the ASTT activities as detailed in the summary of discussion and to:

1. Request the updated ALAR Toolkit version II from Flight Safety Foundation (FSF) to be uploaded in the RASG-PA website for free downloading by the aviation community.
2. Request to ASPA and Colegio de Pilotos Aviadores de Mexico the available training courses in Spanish that may be delivered under the RASG-PA umbrella such as ALAR II, Threat and Error Management (TEM), etc.
3. Consider the proposal of that a tailor made Runway Safety Training Programme should become mandatory by regulators as recurrent training required for the renewal of pilot licenses and as part of the initial and recurrent training for the appropriate aerodrome and ATC personnel.
4. Consider the issuance of a RASG-PA Safety Directive to encourage CAAs the promotion of RASG-PA safety initiatives, including training programmes to the aviation community, especially to those professionals that are not part of large organizations, associations or groups.
5. Acknowledge the in-kind support offered by ASA and ICAO NACC RO of their facilities for conducting RASG-PA activities.
6. Acknowledge the SMS training provided by Airbus in the Region.
7. Approve the proposed RASG-PA training activity planned for 2012.

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8. Approve the use of virtual meetings to review and update as required the ASTT work programme.
9. Approve the ASTT/4 Meeting in December 2012.
10. Request ALTA updated information in RASG-PA/04 about the survey conducted regarding airlines' provision of training to their crews to prevent runway excursions.
11. Consider the on-line training programme from ACI.
12. Commission the ASTT to make an analysis of the training needs of those States with the highest LEI in the CE 4 and to offer training, as a mitigation to enhance safety.
13. Consider to look for funding for the RASG-PA regional safety training activities and initiatives from the ICAO SAFE fund.
14. Encourage the use by the Group of the RASG-PA Annual Safety Report as a data-driven decision making tool.

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LIST OF PARTICIPANTS

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APPENDIX B

REGIONAL AVIATION SAFETY GROUP-PAN AMERICA AVIATION SAFETY TRAINING TEAM (RASG-PA/ASTT) ACTIVITIES TENTATIVE SCHEDULE – 2012	

ACTIVITY	DATES	LOCATION	PARTICIPANTS
RASG-PA Aviation Safety Workshop I	January	Mexico	RASG-PA Members and aviation community
Aviation Safety Training Team (ASTT/05) Meeting	February	Mexico	ASTT Members
RASG-PA Aviation Safety Workshop II	March	Suriname	RASG-PA Members and aviation community
RASG-PA Aviation Safety Workshop III	June	Colombia	RASG-PA Members and aviation community
RASG-PA Aviation Safety Workshop IV	August	Cuba	RASG-PA Members and aviation community
Aviation Safety Training Team (ASTT/06) Meeting	September	Mexico	ASTT Members
RASG-PA Aviation Safety Workshop V	November	Venezuela	RASG-PA Members and aviation community
Aviation Safety Training Team (ASTT) Virtual Meetings	As required	Mexico and virtual	ASTT Members
Aviation Safety Training Team (ASTT/07) Meeting	December	Mexico	ASTT Members

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