



Agenda Item 10: Available Flight Safety Training

TARGETED TRAINING PROGRAMMES

(Presented by the Secretariat)

SUMMARY	
This working paper explains the status of the RASG-PA initiative to develop a catalog of available training programs that are aligned with the Global Aviation Safety Plan - Global Safety Initiatives (GSI's) and address the main aviation safety hazards for the NAM/CAR/SAM Regions.	
REFERENCES:	
<ul style="list-style-type: none">• <i>RASG-PA/01 Meeting Report</i>• <i>RASG-PA ESC/2 Meeting Report</i>• <i>RASG-PA ESC Teleconference Minutes</i>• <i>ICAO Global Aviation Safety Plan (GASP)</i>• <i>Global Aviation Safety Roadmap (GASR)</i>	
Strategic Objectives	<i>THIS WORKING PAPER IS RELATED TO STRATEGIC OBJECTIVE A – Safety: Enhance global civil aviation safety.</i>

1. Introduction

1.1 This initiative is focused on addressing the strategies identified in both the Global Aviation Safety Plan and the Global Aviation Safety Roadmap through the “Use of Technologies to Enhance Safety.”

1.2 During the RASG-PA/01 Meeting the status of GSI/12 Project 2 – *Elimination of Gaps in the Use of Technology to Enhance Safety* was discussed. The Meeting noted that there was progress being made by IATA, GREPECAS, the ATM/CNS Subgroup and ACI-LAC on analysis of Appendices E, F and G of the GASR, which identifies technological options to enhance safety.

1.3 RASG-PA/01 also noted that further analysis was required to clearly identify goals and provide concrete results. This analysis would provide a list of technological options to achieve optimum safety benefits.

1.4 Training, procedure modifications and/or safety awareness information are specifically identified as initiatives under the use of technology as part of the best practices identified in the GASR and could accomplish much of the safety benefits at lower cost and faster/wider implementation.

1.5 During the RASG-PA ESC/2 Meeting, there was a discussion related to funding projects addressing the GSI's of the GASP. Through this discussion it was noted that there are various computer-based and live-training programs available as in-kind donations. As a result of this discussion the following conclusion was formulated during the RASG-PA ESC/2 Meeting: *Conclusion RASG-PA ESC/2/6 -Targeted Training Programmes - "That available training programmes be assessed, selected and used by RASG-PA members to address identified safety risks and then aligned with the corresponding GSIs of the Global Aviation Safety Plan (GASP)."*

1.6 During subsequent teleconferences of the ESC, the conclusion was clarified to advance the initiative as not only a product that would provide safety training for identified safety risks in the region but a product that would also provide a "one-stop shopping" of generic safety training available to states. This would, in essence, be a RASG-PA Catalog of available safety training both aligned to data driven safety risks and a listing of all available safety training.

1.7 As a result of this initiative a request was made to the members of RASG-PA to provide a list to the RASG-PA Secretariat of any available aviation safety training for assessment and alignment with corresponding GSI's of the GASP.

1.8 Several sources of available safety training by RASG-PA members are identified in the **Appendix** to this working paper. However, in the course of completing this initiative, the ESC discovered that listings of flight safety training are not readily available and therefore a much larger scope was needed to identify a comprehensive listing of all available training courses. The ESC agreed that this initiative needed to be expanded and advanced on as a living document of available safety training readily available for RASG-PA members.

2. Suggested Action

2.1 The Second Regional Aviation Safety Group - Pan American Meeting (RASG-PA/02) is urged to:

- a) take note and comment on the information being provided in this working paper; and
- b) provide additional information and or sources of targeted and generic aviation safety training that will be analyzed, assessed and compiled by RASG-PA to provide a catalog of available safety training.

APPENDIX

**REGIONAL AVIATION SAFETY GROUP – PAN AMERICA - RASG-PA
LIST OF AVAILABLE SAFETY TRAINING COURSES**

NAME	PRESENTED BY	WEBSITE
IFALPA Safety School	IFALPA	http://www.ifalpa.org/ifalpa-training/alert.html
Controlled Flight into Terrain.	ICAO	http://www.icao.int/icao/en/cd_pub_list.htm
CFIT: An encounter avoided	ICAO	http://www.icao.int/icao/en/cd_pub_list.htm
Government Safety Inspector Operations – Air Operator Certification	National Aviation University (NAU)	http://www2.icao.int/en/gsi/Pages/default.aspx
Government Safety Inspector Airworthiness – Air	Netherlands Luchtvaart College (NLC)	http://www2.icao.int/en/gsi/Pages/default.aspx
ICAO SMS Module 10 – SMS Phased Approach.	ICAO	http://www.icao.int/anb/safetymanagement/training/training.html
ICAO SMS Module 09 – SMS Operation.	ICAO	http://www.icao.int/anb/safetymanagement/training/training.html
ICAO SMS Module 08 – SMS Planning.	ICAO	http://www.icao.int/anb/safetymanagement/training/training.html
ICAO SMS Module 07 – Introduction to SMS.	ICAO	http://www.icao.int/anb/safetymanagement/training/training.html
ICAO SMS Module 06 – SMS Regulation.	ICAO	http://www.icao.int/anb/safetymanagement/training/training.html
ICAO SMS Module 05 – Risks	ICAO	http://www.icao.int/anb/safetymanagement/training/training.html
ICAO SMS Module 04 – Hazards	ICAO	http://www.icao.int/anb/safetymanagement/training/training.html
ICAO SMS Module 03 – Introduction to safety management.	ICAO	http://www.icao.int/anb/safetymanagement/training/training.html
ICAO SMS Module 02 – Basic safety concepts.	ICAO	http://www.icao.int/anb/safetymanagement/training/training.html
ICAO SMS Module 01 – SMS Course introduction.	ICAO	http://www.icao.int/anb/safetymanagement/training/training.html
Aviation Safety Management – Case Course.	EMBRY-RIDDLE	
OSHA and Aviation Ground Safety for Managers – Case Course.	EMBRY-RIDDLE	
CAST CD; contains reports, data and safety power points.	Commercial Aviation Safety Team (CAST)	
FSF Approach and Landing Accident Reduction (ALAR) Toolkit.	Flight Safety Foundation (FSF)	
Runway Safety Action Plan.	EASA/ Eurocontrol	
ICAO Runway Safety Toolkit.	ICAO	
FAA Runway Safety FAA a) Runway Incursion Prevention program b) Was that for Us c) Listen up, Readback, Fly Right d) Heads up, Hold short	FAA/CAST	
FAA Air Traffic Safety Culture Training; initial training on the Implementation of Safety Culture.	FAA/CAST	
FAA Airspace and Procedures Training Course; A&P Training for Air Traffic Specialists.	FAA/CAST	
FAA Quality Assurance Training Course; Air Traffic Training for QA Specialists.	FAA/CAST	
FAA Introduction to SMS.	FAA/CAST	
Gate to Gate; Runway Incursion prevention for pilots.	FAA/CAST	

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