



Agenda Item 5 Other RASG-PA Activities Reports
**5.1: Cost Benefit Analysis of On-Board Technology to Mitigate Runway
Excursions (REs)**

COST/BENEFIT STUDY TO MITIGATE RUNWAY EXCURSIONS
(Presented by ALTA)

SUMMARY	
This information paper presents the results of feedback provided by ALTA member airlines from the cost/benefit study for the <i>Implementation of Aircraft on-board Technology to Mitigate Runway Excursions</i> .	
References:	
<ul style="list-style-type: none">• ICAO Global Aviation Safety Plan (GASP)• ISSG Global Aviation Safety Roadmap (GASR)	
Strategic Objective	<i>This working paper is related to Strategic Objective: A – Safety</i>

1. Introduction

1.1 During the fifth annual Regional Aviation Safety Group - Pan America (RASG-PA/05) Meeting on October 24th 2012, the Secretariat presented a working paper regarding the *Cost Benefit Analysis for On-Board Technology to Mitigate Runway Excursions (REs)*.

1.2 As a result of the working paper, the Latin American and Caribbean Airline Association (ALTA) was appointed to review, with its member airlines, the report results and collect feedback in order to confirm if it is viable to implement the recommended technology.

1.3 The technology involves Airbus’s innovative program: *Runway Overrun Prevention System (ROPS)*. The study includes a cost analysis, which includes a time-frame, cost of implementation and return on investment.

1.4 Such technology is currently not available as a retrofit for 100% of the fleet that operates in Latin America and the Caribbean.

2 Discussion

2.1 During the meeting, there was some discussion if the technology, which is currently available by Airbus, could be implemented by other manufacturers such as Boeing and Embraer. In addition, another point of view was discussed reference whether the cost of implementing this technology would become a barrier for airlines in the region.

3 Outcome

3.1 The SRVSOP Technical Committee shared the report with ALTA and the initial outcomes are as follows:

- It was identified that certain Airbus operators are in the process of acquiring its new fleet already equipped with the ROP's technology. In addition, an installation schedule is being prepared for its current fleet.
- There are other airlines that are currently analysing the installation of this technology.
- Considering that ALTA has not had a complete year since the last RASG-PA Plenary Meeting to investigate, ALTA will continue to coordinate with member airlines to determine the viability of this program.