



Eighth Regional Aviation Safety Group — Pan America Annual Plenary Meeting (RASG-PA/8)
Medellin, Colombia, 25 June 2015

Agenda Item 5: Safety Initiatives
5.3 Other Safety Initiatives

**ESTABLISHMENT AND MANAGEMENT OF THE SOUTH AMERICAN
AIG REGIONAL COOPERATION MECHANISM (ARCM)**

(Presented by the Secretariat)

EXECUTIVE SUMMARY	
This information paper presents to the Eighth Regional Aviation Safety Group — Pan America Annual Plenary Meeting (RASG-PA/8), the establishment and management of the South American AIG Regional Cooperation Mechanism (ARCM).	
<i>Strategic Objectives:</i>	<ul style="list-style-type: none"> • Safety • Air Navigation Capacity and Efficiency • Economic Development of Air Transport
<i>References:</i>	<ul style="list-style-type: none"> • Report of the First Meeting of SAM Region AIG Authorities (AIG-SAM/01), Lima, Peru, 18 - 20 March 2014. • Report of the Second virtual meeting of AIG authorities – Assessment on AIG on the SAM region and first steps of the AIG SAM authorities for the creation of the AIR regional cooperation mechanism (ARCM), Lima, Peru, 27 November 2014. • Annex 13 – Investigation of aviation accidents and incidents. • Doc 9946 – Manual on regional accidents and incidents investigation organizations (RAIO).

1. Introduction

1.1 To analyse the AIG situation in the SAM region and agree on a strategic plan intended to facilitate the first steps towards the constitution of the regional accidents and incidents investigation organization (RAIO) in one of its forms, South American States held the First meeting of AIG authorities of the SAM region (AIG-SAM/01) in Lima, Peru, from 18 to 20 March 2014.

1.2 In this meeting discussions were held regarding the concept of a RAIO, and the various forms this RAIO could be implemented, from the simplest regional investigators group to a more complex entity as a fully implemented, independent and institutionalized organization. In this regard, the Meeting was invited to assess regional needs in order to determine what form of a RAIO could be applied in the SAM region.

1.3 Additionally, the AIG-SAM/01 Meeting analysed three strategic plans for the constitution of a RAIO and noted that, previous to the implementation of a RAIO in one of its forms, it was necessary to show with clear data the benefits of its implementation. In this sense, the Meeting agreed on go forward through a phased implementation process, and defined the following activities for the first phase of the project:

- Appointment of a General Coordinator, preferentially a representative of the ICAO South American Regional Office
- Appointment of Focal Points in each State of the SAM Region; and
- Development of the vision, mission, objectives, activities, results and performance indicators

1.4 In order to show the benefits of a RAIO in one of its forms, and to develop the first phase activities, the ICAO SAM Office counted with the participation of a specialist from the *Junta de Investigación de Accidentes de Aviación Civil* (JIAAC) from Argentina, who, during the month of November 2014, conducted a detailed assessment on the SAM region AIG situation and of the benefits to be achieved through the creation of a RAIO in one of its forms.

1.5 The work of the specialist from the JIAAC was presented during the Second virtual meeting of AIG (27 November 2014), in which participants were informed that the AIG area was one showing the lowest effective implementation (EI) rate, and that it was necessary to start the first steps towards the creation of a RAIO in one of its forms through a mechanism of integration. Hence, the creation of the South American AIG Regional Cooperation Mechanism (ARCM).

1.6 During this virtual meeting, the proposal for the development of five areas to be presented to the Second AIG authorities meeting (Buenos Aires, Argentina, 09 - 11 June 2015) was proposed for the ARCM establishment and management.

2. Assessment of the AIG situation in South American

2.1 The AIG area, jointly with ANS and AGA, are the areas presently the lowest effective implementation (EI) rates in the SAM region. Therefore, it is necessary to address this area in order to improve EI and be able to achieve the goal of 80% indicated in the *Declaration of Bogota*.

2.2 Though the South American region has made efforts to decrease the accidents rate during the last years, this has slightly increased in 2015 when compared with 2013 rate. In this regard, the Region needs to know precursors or deviations that caused the accidents in order to mitigate them.

2.3 The AIG survey applied in SAM States in 2013 and the last results shown by USOAP audits indicate that some of the States do not count with the necessary resources to investigate all the range of aviation accidents and incidents nor to conduct an exhaustive assessment of the available information on accidents and incidents. Therefore, the establishment of an AIG Regional Cooperation Mechanism (ARCM) may constitute the only solution for these States to implement an effective system for the accidents and incidents investigation.

3. The need to establish and manage an ARCM in South America

3.1 The secure and organised development of international civil aviation demands States to collaborate the utmost to attain standardization and harmonization of regulations, requirements, procedures, methods and better practices of the industry. The AIG area and South American States require of a joint effort to improve the effective implementation (EI) rate, and to be able to contribute significantly to the decrease of accidents at regional level.

3.2 The ARCM creation in South America will made possible to achieve the following principal objectives:

- Standardization and implementation of requirements, procedures, methods and bests practices of the industry regarding the AIG area;
- Achieve the *Declaration of Bogota* goals, which aims the following regional goals:
 - *To achieve 80% effective implementation (EI) in the SAM Region;*
 - *To reduce the accidents rate in the SAM Region in 50% in relation to the global accidents rate, and*
 - *To reduce in 20% the runway excursions rate in relation to the average rate of the Region (2007 – 2012).*
- Initiate AIG cooperation activities among States, which will benefit the States having more difficulty to establish and effective and efficient AIG system, and
- Support SAM States in the solution of the findings of the global system approach (CSA) and the new USOAP continuous monitoring approach (CMA).

4. Creation of the South American AIG Regional Cooperation Mechanism (ARCM)

4.1 During the Second Meeting of AIG Authorities of South American (AIG-SAM/02), held in Buenos Aires, Argentina, from 09 to 11 June 2015, the following States: Argentina, Bolivia, Brazil, Colombia, Ecuador, Guyana, Panama, Paraguay, Suriname, Uruguay and Venezuela unanimously adopted Conclusion AIG-SAM/02-01, through which the **South American AIR Regional Cooperation Mechanism (ARCM)** was established, with the principal mission of providing support to the States in improving AIG effective implementation (EI) and contributing to the decrease of aviation accidents and incidents in the SAM Region.

4.2 In this meeting Ms. Ana Pamela Suárez, Chairperson of the Junta de Investigación de Accidentes de Aviación Civil (JIAAC) of Argentina, was appointed as Chairperson of the ARCM Executive Committee, for a period of three years, with the possibility of renewing her appointment by additional mandates of three years and with the functions established in the ARCM organization and functions manual.