



**Eleventh Plenary Meeting of the Regional Aviation Safety Group — Pan America  
(RASG-PA/11)**

Online, October 28, 2021 and November 4 and 5, 2021

**Agenda Item 5: Status of RASG-PA Safety Improvement Projects and Initiatives (SEI)**

**ARCM 2021-2025 – PROJECT PROGRESS**  
(Presented by the ARCM)

**EXECUTIVE SUMMARY**

This information note presents to the Eleventh Plenary Meeting of the Regional Aviation Safety Group - Pan America, the progress of the activities of phase 1 and 2 of the ARCM project. These first advances and results in the ARCM activities, accompanied by the Regional SAM Office, will be the basis for the different improvement actions that must be addressed to solve the problems that are being dealt with in this project. In addition, these improvement actions will benefit the RASG-PA to achieve some of the PA-RAST objectives, which are directly related to Annex 13 "Aviation Accident and Incident Investigation" and Annex 19.

<i>Strategic Objectives</i>	<ul style="list-style-type: none"> <li>Operational Safety</li> </ul>
<i>References:</i>	<ul style="list-style-type: none"> <li>Strategic Plan of the Accident and Investigation Management 2021-2025.</li> <li>Annex 13 – Aviation Accident and Incident Investigation.</li> <li>Annex 19 – Safety Management.</li> <li>Doc. 9859 – Safety operational Management Manual.</li> </ul>

**1. Introduction**

1.1 According to the Project "Improvement of the Effective Implementation (EI) of the AIG Area of the SAM Region", prepared by the ARCM and presented to the RASG-PA at the 35th ESC meeting in 2020, in which it was expressed that some of the benefits of the realization of this project would bring an expected effect in one or more SPIs of the RASG-PA. At the beginning of 2021, the planned tasks were started, and other tasks were added, although not planned, also concurrent to the proposed objectives.

It should be noted that ARCM effectively functioned as a cooperation mechanism since the activities were and are carried out by different Working Groups made up of specialists from various ARCM member States. It should also be noted that some of them were carried out in coordination with the Regional Office.

## 1.2 Proposed Objectives

### General Objective

- ✓ Improve effective implementation (EI) in the SAM Region in the medium term 2023 and long term 2025.

### Specific Objectives

- ✓ To increase effective implementation in the AIG area of the SAM region.
- ✓ To integrate the activities of the AIG with the SSP Implementation Pilot Plan in the SAM Region.
- ✓ To reduce the percentage of non-notifications and non-formal notifications of accidents or incidents.
- ✓ To reduce the percentage of unfinished final reports of accidents and serious incidents.

## 2. Activities completed and in progress in 2021

2.1 Progress of the tasks carried out by the ARCM and others jointly with the Regional Office, in accordance with the objectives proposed in the ARCM Project as a contribution to the RASG-PA.

2.2 To increase the effective implementation in the AIG area of the SAM Region.

- Technical assistance continued to be provided to the AIG of PANAMA, virtually. One specialist from an ARCM member state (Colombia) is assisting.
- Assistance was provided to the AIG of Bolivia, in a first stage, in a virtual form of 20 sessions between June and September. And one in situ from October 16 to 22, 2021, for the review of AIG documents requested by the State. One AIG officer from the SAM RO and three AIG specialists from two ARCM member states (Chile and Argentina) participated in the virtual assistance. Two specialists from a third ARCM Member State (Brazil) participated in the on-site assistance.  
*Note: Bolivia will receive the ICVM activity in November 2021.*
- On-site assistance to Argentina's AIG is planned for the second half of November 2021 and a virtual one is planned for the first two months of 2022. The on-site assistance team consists of an AIG officer from the SAM RO and a specialist from a third ARCM member State (Brazil).

- The Peruvian AIG agency has requested technical assistance from the SAM Regional Office and is working on the planning of the assistance, which will start in December 2021.

2.3 To Integrate the activities of the AIG with the SSP Implementation Pilot Plan in the SAM Region.

- A survey was conducted to the SAM AIGs to collect information related to the SDCPS databases of the AIG that are currently articulated and in the process of articulation between the investigation agencies and the civil aviation authorities.

It is being evaluated how the activity will be coordinated with the SSP Pilot Plan implementation team for the year 2022.

2.4 To reduce the percentage of non-notifications and non-formal notifications of accidents or incidents.

- A survey was made to the AIG with the purpose of obtaining information related to the management of notifications and ADREP reports. This information is being processed and after its analysis it will be possible to determine the gap between the actual notifications made versus the occurrences investigated by the SAM States and to establish actions to reduce the existing gap.

In support of this task, the Regional Office held a workshop for the 13 AIG in the SAM region to strengthen the importance of Chapter 4 Notifications and ADREP reports in accordance with Chapter 7 of Annex 13.

Work is being carried out at the regional level on the harmonization of a template based on the ECCAIRS system for notifications, which will result in benefits such as standardization of forms and the use of the ECCAIRS system, which in turn will facilitate the data uploading of occurrences to the SDCPS of the SAM Region.

2.5 To reduce the percentage of unfinished final accident and serious incident reports.

- A survey was made to the AIGs with the purpose of obtaining information related to the number of final reports finished and published versus the investigations instituted by the AIG agencies. This information is being processed and after its analysis it will be possible to determine the existing gap between final reports completed in relation to accident and incident investigations and to establish actions that will contribute to reduce this gap.

2.6 Activities related to the general and specific objectives.

- Initial Accident Investigation Course for SAM AIGs, which was conducted online, with the participation of specialists from three ARCM States Member (Bolivia, Uruguay, and Argentina).  
The course was delivered by instructors from ARCM States Member (Colombia and Argentina).
- The first ADREP/ECCAIRS Workshop was held online in September 2021, in charge of the SAM Regional Office. Specialists from 11 States participated in the workshop.
- The first recurrent ARCM Accident Investigation course was held online from October 13 to 22, 2021. It was attended by 83 accident investigators from 9 ARCM States Member.  
The course was taught by instructors from ARCM States Member.

**3. Conclusions**

3.1 The above mentioned shows the work that the ARCM has been carrying out in collaboration with the research authorities of the SAM Region, which provide professionals and material resources to materialize this project in the long term. In this process, it is necessary to emphasize the support, collaboration, and coordination of the Regional Office, to achieve common objectives that will bring different benefits to the SAM Region, the AIG authorities, the Regional Office, the RASG-PA and the ARCM.

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