



Agenda Item 4: Report on GESEA activities and deliverables and Subgroups

**REGIONAL WORKSHOP ON AIRCRAFT LONGITUDINAL
SEPARATION MATRIX OPTIMIZATION**

(Prepared by GESEA Coordinator)

SUMMARY

This Study Note proposes holding a regional workshop in Lima during 2027, with the participation of the SAM Region States and the support of the RLA/06/901 Project, to update the matrix of longitudinal separations between adjacent FIRs. The objective is to update the regional matrix of longitudinal separations between adjacent FIRs, review the minimums currently applied and identify opportunities for optimization, including the possible reduction of separations when operational conditions allow it. The outcomes of the Workshop will serve as a basis for future implementation initiatives, in accordance with the operational requirements of each State.

References:

- GESEA/9 Action 4.
- ICAO Project 30/10.
- AN-Conf/14 Recommendation 3.1/x.

1. Background

1.1 During the SAM SOUTH and SAM NORTH Workshops, the matrix of longitudinal separations between adjacent FIRs was developed and updated, serving as the regional reference for ATS coordination among States.

1.2 GESEA/9 Action 4 requests that this matrix be updated and subsequently distributed to the States to support initiatives aimed at optimizing longitudinal separations.

1.3 **GESEA/9 Action 4:** The Secretariat, in coordination with PLANESPA SG1, shall update the matrix table of longitudinal aircraft separations and disseminate it to the States to facilitate communications related to Project B1 and the 30/10 aircraft separation initiative. Present the results at SAM/IG/34.

2. Analysis

2.1 Considering the technological and operational advances achieved by the States in ATS surveillance, communications, and automation, it is timely to jointly review the separations currently established between adjacent FIRs.

2.2 It is proposed to hold, during 2027, a Regional Workshop in Lima, with the support of the RLA/06/901 Project, inviting all SAM Region States to participate in updating the matrix and assessing the

reduction of the currently applicable longitudinal separations whenever operational conditions permit, thereby contributing to the progressive implementation of the 10 NM continental longitudinal separation. The possible implementation of a continental longitudinal separation of 10 NM will be evaluated for each pair of adjacent FIRs and will depend on compliance with operational requirements, available CNS capabilities, the results of safety assessments and bilateral or multilateral agreements between the States involved.

3. **Suggested actions**

3.1 The Meeting is invited to:

- a) endorse the organization of a SAM SOUTH 2 / SAM NORTH 2 Integrated Regional Workshop in Lima during 2027 to update the matrix of longitudinal separations between adjacent FIRs;
- b) request the support of the RLA/06/901 Regional Project at RCC/21 for the organization of the event;
- c) invite the SAM Region States to actively participate in the review and updating of the matrix in order to identify opportunities to reduce longitudinal separations and support the harmonized implementation of the 10 NM continental separation; and
- d) To note that any reduction in separation minimums, including the eventual application of 10 NM, should be implemented only when operational requirements, CNS capabilities, safety assessments and agreements between the FIRs involved are met.

END