



Agenda Item 2: Global and regional context

GREPECAS/23 MEETING

(Submitted by the Secretariat)

SUMMARY

This paper analyzes the main results of the GREPECAS/23 Meeting, and highlights the Conclusions and Decisions adopted by the Plenary in order to identify actions to align with regional planning and improvements for the SAM/IG of activities.

Reference

Report of the Twenty-Third Meeting of the Regional Planning and Implementation Group CAR/SAM (GREPECAS/23)

1. Background

1.1 GREPECAS/23 was held from January 19 to February 17, 2026 in virtual mode and from March 4 to 6, 2026 in Mexico City, Mexico, with the participation of States, international organizations and representatives of the aeronautical industry.

1.2 The main topics of the meeting included the outcomes of the 42nd ICAO Assembly, the Eighth Edition of the Global Air Navigation Plan (GANP), progress in regional and national planning, ATM/ATFM implementation, SWIM, FF-ICE, ATM resilience, and performance indicator-based management.

1.3 The report of the meeting is published at the following link:

<https://www.icao.int/SAM/meetingdocs?fid=24925#block-icao-page-title>

2. Analysis

GANP-related results

2.1 GREPECAS/23 noted that the Eighth Edition of the GANP incorporates priorities relating to:

- a) environmental sustainability;
- b) operational resilience;
- c) fluid and interoperable air mobility;
- d) performance-based planning; y

- e) development and implementation of National Air Navigation Plans (NANP).

2.2 The meeting highlighted the need to strengthen alignment between the GANP, the Regional Air Navigation Plan CAR/SAM (RANP) and the NANPs, promoting regional harmonization and avoiding technological fragmentation.

2.3 As a result of the deliberations, Conclusion GREPECAS/23/02 was adopted, requesting States:

- a) coordinate the preparation and approval of their NANPs aligned with the GANP and the RANP CAR/SAM;
- b) include operational improvements aimed at optimizing efficiency and reducing emissions;
- c) incorporate resilience objectives;
- d) strengthening regional and interregional integration; y
- e) promote training activities related to the Eighth Edition of the GANP.

Performance-Based Planning

2.4 GREPECAS/23 approved regional material to support the progressive implementation of the GANP's Key Performance Indicators (KPIs), including:

- a) regional KPI methodology;
- b) action plan for progressive implementation;
- c) communications plan; y
- d) terms of reference of the Ad Hoc Group GADHOC.

2.5 Likewise, through Conclusion GREPECAS/23/05, it was agreed to develop a Strategy for Air Navigation in the CAR/SAM Regions, based on a performance approach that allows:

- a) setting regional priorities;
- b) define ASBU elements and complementary solutions;
- c) strengthen monitoring through KPIs; y
- d) provide a regional governance structure.

Relevant aspects for SAMIG

2.6 The results of GREPECAS/23 have direct implications for SAMIG activities, particularly in the areas of:

- a) airspace optimization;
- b) ATFM implementation;
- c) transition to FF-ICE;
- d) SWIM capacity building;
- e) ATM resilience and contingency management;
- f) application of regional KPIs; y
- g) preparation of the NANPs of the SAM States.

2.7 The meeting also endorsed the need to advance in the definition of a "Minimum Implementation Path" that would facilitate the phased application of the priority elements of the GANP and the recommendations of the AN-Conf/14.

2.8 GREPECAS/23 reaffirmed the regional commitment to the implementation of the Eighth Edition of the GANP and to the adoption of performance-based planning, supported by regional KPIs, national air navigation plans and regional cooperation mechanisms.

2.9 The outcomes of the meeting provide the strategic framework to be considered by SAMIG in the development of its future ATM activities and initiatives in the SAM Region.

2.10 **Appendix A** presents the Conclusions/Decisions adopted by GREPECAS/23, as relevant for SAM/IG.

3. **Suggested actions**

3.1 Meeting is invited to:

- a) take note of the results of GREPECAS/23;
- b) consider the actions necessary to support the implementation of the Eighth Edition of the GANP in the SAM Region; y
- c) identify activities of the SAMIG work program that contribute to the fulfillment of the conclusions adopted by GREPECAS.

Appendix A

Conclusions/Decisions

Conclusion GREPECAS/23/02		ACTIONS RELATED TO THE EIGHTH EDITION OF THE GLOBAL AIR NAVIGATION PLAN (GANP)	
What: That: States, under a collaborative approach, with the assistance of the Secretariat, and in consultation with organizations and industry: a) Coordinate the elaboration and approval of NANPs in all CAR/SAM States, aligned to the GANP and the RANP CAR/SAM; b) Include, in the national and regional planning, operational improvements to optimize efficiency and reduce emissions; c) Incorporate resilience objectives stipulated in the GANP; d) Strengthen regional and interregional integration, avoiding technological fragmentation and ensuring operational continuity; and e) Promote technical training at national and regional levels for the dissemination and understanding of the Eighth Edition of the GANP and supporting the elaboration of the NANPs.		Expected impact: ☒ Political / Global ☒ Inter-regional ☐ Economic ☒ Environmental ☒ Technical/Operational	
Why: a) For alignment to Resolution A42.6 and LTAG 2050, to implement operational improvements as part of their national strategy to reduce the environmental impact and CO2 emissions b) promote the preparation of the CAR/SAM RANP and NANPs to ensure harmonization and interoperability. c) To guide and assist States in the development of NANPs, in line with the Strategic Goal of "No country left behind".			
When: Report progress in GREPECAS/24		Status: ☒ Valid / ☐ Superseded / ☐ Completed	
Who: ☒ States ☒ ICAO ☒ Others: Industry and air navigation service providers			

DECISION	
GREPECAS/23/04	REGIONAL GUIDANCE MATERIAL FOR THE DEVELOPMENT OF KPIs
What: The meeting approves the following documents: a) GADHOC Terms of Reference (Appendix 6A to this report). b) CAR/SAM Regional guidance material on the methodology for implementation of GANP KPIs (Appendix 6B of this report). c) CAR/SAM Action Plan for the progressive implementation of GANP KPIs (Appendix 6C to this report). d) Communications Plan detailing the adequate means of dissemination of the KPIs (Appendix 6D to this report).	Expected impact: ☐ Political / Global ☒ Inter-regional ☒ Economic ☒ Environmental ☒ Operational/Technical
Why: a) To provide guidance material to states committed to developing its NANP under performance-based approach and to comply with the GREPECAS Decision 22/19 to further strengthen the implementation of Volume III of the CAR/SAM Regional Air Navigation Plan (RANP). b) To facilitate the definition of a "minimum implementation path" for the CAR/SAM Regions.	
When: Immediate	Status: ☒ Valid / ☐ Superseded / ☐ Completed
Who: ☒ States ☒ ICAO ☐ Other:	

Conclusion GREPECAS/23/05	
DEVELOPMENT OF THE "STRATEGY FOR AIR NAVIGATION IN THE CAR/SAM REGIONS"	
What: That: States, Industry and International Organizations- members of the SAM /IG and NACC/WG, assisted by the Secretariat, to develop the document "Strategy for Air Navigation in the CAR/SAM Regions", based on the content and objectives of MID Doc 002, as well as other similar references in ICAO Regions, and aligned with the principles of Resolution A42-6 and other related ICAO provisions	Expected impact: ☒ Political / Global ☒ Interregional ☐ Economics ☐ Environment ☒ Operational / Technical
Why: To establish regional air navigation priorities. Define and prioritize ASBU Elements and NO-ASBU solutions. Strengthen the performance monitoring framework (KPIs) and establish a harmonized framework for monitoring the status of ASBU implementation. Provide the regional governance structure.	
When: GREPECAS/24	Status: ☒ Valid/ ☐ Superseded / ☐ Completed
Who: ☒ States ☒ ICAO ☒ Others: Organisations and Industry	

DRAFT CONCLUSION GREPECAS/23/07		SWIM IMPLEMENTATION FOR THE CAR/SAM REGIONS	
What:		Expected impact:	
That: a) The NACC and SAM Regional Offices establish a CAR/SAM regional SWIM working group, including all relevant stakeholders, to: i Plan the deployment of “CAR/SAM SWIM” under a common governance structure; ii Implement an interoperable regional SWIM Registry, considering feasibility of applying a Federable* architecture; iii Define Service Definitions/Descriptions (AIM/MET/ATFM/FF-ICE) and AIXM/FIXM/IWXXM, among other models. iv Integrate Security by Design measures, including authentication/authorization, encryption, network segregation, access control, and vulnerability management. b) States and industry stakeholders support and actively contribute to the progress of the regional SWIM working group, in accordance with their respective roles and capabilities c) The expanded SWIM implementation checklist be made available as a voluntary reference tool for States, as appropriate; and d) That the NACC and SAM regional offices establish coordination to avoid duplication of efforts and ensure regional coherence in planning and implementation related to SWIM		☒ Political / Global ☒ Inter-regional ☐ Economic ☐ Environmental ☒ Operational/Technical	
Why:			
Establish a dedicated regional task force to define regional roadmaps, architecture models, and SWIM service definitions; and b) To strengthen integration among States and acknowledging the complementary roles of industry and international organizations—as industry representatives, technical facilitators, and promoters of interoperability— in ensuring the effective and harmonized implementation of System Wide Information Management (SWIM) in the CAR/SAM Regions as a platform for several enablers such as FF ICE.			
When:	GREPECAS/24	Status:	☒ Valid / ☐ Superseded / ☐ Completed
Who:	☒ States ☒ ICAO ☒ Others:	States, Industry and international organizations	