



Agenda Item 1: ANS context (ATM/CNS) Global and Regional level.

a) Global Air Navigation Plan and Elaboration of Vol. III of the ANP CAR/SAM

**APPROVAL OF THE CAR/SAM AIR NAVIGATION PLAN
VOL. III – INITIAL VERSION**

(Prepared by the Secretariat)

SUMMARY

This information paper highlights the importance of performance-based Air Navigation Planning (PBA) supported by ICAO Global Air Navigation Plan (GANP) tools, deployed in Volume III of the CAR/SAM RANP, simplifying cost-efficient decision making to implement solutions that optimize system performance.

Initial Version (version 0) from CAR/SAM RANP Volume III, approved in November 2022 by GREPECAS/20 is presented. According to this Conclusion, States are urged to implement work teams to develop data collection activities and management of GANP KPIs as a basis for populating the data from the Planning Tables of Vol. III, with the assistance of the Secretariat.

References:

- ICAO Global Air Navigation Plan (GANP)
- Report of GREPECAS/20 Meeting (Salvador, Bahía, Brazil, 15 to 18 November 2022)

ICAO Strategic Objectives:

- *Capacity and Efficiency*
- *Safety*
- *Economic development*
- *Environmental Protection*

1. Introduction

1.1 The Global Air Navigation Plan (GANP) contains methods and tools for developing performance-based planning. Gaps and opportunities for optimizing system performance are identified and possible solutions to be implemented are identified. Performance improvement must be measured through indicators (KPI) and according to defined deadlines, which permanently evaluates the status of the implementation and generates an iterative process.

1.2 The second layer (level) of the GANP is deployed in Volume III of the Regional Air Navigation Plan (RANP CAR/SAM), which is designed to support decision-making for planning, allocation of economic resources and implementation of basic services and operational improvements, in a scalable and cost-efficient manner, to meet identified performance ambitions. At the same time, interoperability of systems and harmonization of procedures at regional and interregional level are ensured.

1.3 During GREPECAS/20 Meeting (Salvador, Bahía, Brazil, 15 to 18 November 2022) it was informed that ICAO created an interregional Working Group for the implementation of a standardized template for Volume III of the RANP CAR SAM, with a performance-based approach. As a result of this Working Group, a pilot project was established in the CAR/SAM regions, with the aim of facilitating the implementation of this document in all ICAO Regions.

2. Discussion

2.1 The Secretariat of GREPECAS in the period 2019 – 2022, carried out activities with the States/Territories and Organizations to disseminate the Template proposed by ICAO and reinforce the concepts of performance-based planning, in order to build Volume III of the CAR/SAM Regional Air Navigation Plan.

2.2 As part of the activities for the elaboration of Vol. III, the Secretariat noted the need to strengthen, first, Volumes I and II of the PRNR and then work on the formulation of Vol. III of the CAR/SAM PRN.

2.3 Once the process of revision and updating of Vol. I and II was completed, the Secretariat, worked on the formulation of Vol. III of the RANP, based on a template formulated by ICAO, complying with Recommendation 4.5/1 letter d) of AN-Conf 13.

2.4 In this process, through workshops and teleconferences, opportunities for improvement were identified for the template and planning tables, including proposals for new columns and explanatory texts, so as to associate them with the concepts of the GANP, as well as facilitate the interaction of the planners with the tools (tutorials, catalogues, dashboards, AN-SPA, etc.), provided on the GANP website.

2.5 GREPECAS/20 took note that, after three years of work between States and the Secretariat, the initial version of Vol. III of the RANP CAR/SAM had been formulated. After reviewing the contents of the version, GREPECAS/20 decided to approve it through Conclusion GREPECAS/02/07 shown in the **Appendix A** to this information paper. Vol. III is included in the report of the aforementioned meeting, available at the following link:

<https://www.icao.int/NACC/Pages/meetings-2022-grepecas20.aspx>

2.6 It is extremely important to review paragraph (c) of the Conclusion, which urges States to implement task forces to develop data collection activities and management of GANP KPIs as a basis for populating the data from the Planning Tables of Vol. III, with the assistance of the Secretariat.

2.7 In January 2023 the Secretariat, initiated duties with two administrations to implement the six-step approach for performance-based planning in CAR/SAM Regions and complete the State/Territory data population process and thus Volume III Management.

2.8 Indeed, the Secretariat is available to program activities with all States this year, being a progressive work that requires strengthening the capacities of administrations to manage KPI data and indicators, while requiring resources allocated by Administrations for their multidisciplinary work teams.

3. **Suggested action**

3.1 The meeting is invited to take note of the information provided.

APPENDIX A

Conclusion GREPECAS/20/07

CONCLUSION	
GREPECAS/20/07 APPROVAL OF THE INITIAL VERSION (VERSION 0) OF VOLUME III OF THE CAR/SAM ANP, AND FOLLOWING ACTIONS FOR THE MANAGEMENT AND DEVELOPMENT OF PERFORMANCE-BASED PLANNING	
<p>That,</p> <p>GREPECAS;</p> <p>a) Approve the initial version (version 0) of Volume III of the CAR/SAM ANP (Appendix B of the report), formulated based on the ICAO Council Template, and aligned with Recommendation 4.3/1, d), of the AN-Conf 13; and</p> <p>b) Approve the Program for the management of Volume III of the CAR/SAM ANP (Appendix B of the report), which allows the sustainable implementation of performance based planning.</p> <p>STATES;</p> <p>c) Implement work teams to develop data collection activities and management of GANP KPIs as a basis for populating the data of the Planning Tables of Vol. III, with the assistance of the Secretariat.</p>	<p>Expected impact:</p> <p><input type="checkbox"/> Political / Global</p> <p><input checked="" type="checkbox"/> Inter-regional</p> <p><input type="checkbox"/> Economic</p> <p><input type="checkbox"/> Environmental</p> <p><input checked="" type="checkbox"/> Operational/Technical</p>
<p>Why:</p> <p>To implement the six-step method for performance-based planning in the CAR/SAM Regions and complete the data population process of the States/Territories and, therefore, Volume III Management.</p>	
<p>When:</p> <p>a) immediately</p> <p>b) report for CRPP/05</p> <p>c) report in GREPECAS/21</p>	<p>Status: <input checked="" type="checkbox"/> Valid / <input type="checkbox"/> Superseded / <input type="checkbox"/> Completed</p>
<p>Who: <input checked="" type="checkbox"/> States <input checked="" type="checkbox"/> ICAO <input type="checkbox"/> Other:</p>	

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