



# ICAO

International Civil Aviation Organization  
North American, Central American and Caribbean Office

WORKING PAPER

NACC/WG/6 — WP/16  
18/08/21

## Sixth North American, Central American and Caribbean Working Group Meeting (NACC/WG/6)

On-line, 25 to 27 August 2021, 09:00 to 13:00 (UTC-5)

### Agenda Item 4: Implementation of Air Navigation Issues

#### 4.3 Progress status of the Air Navigation Plans (ANP) Vol. I and Vol. II

#### 4.4 Development of the Air Navigation Plan (ANP) Volume III

### Updates to Volumes I, II and III of the CAR / SAM Air Navigation Plan

(Presented by the Secretariat)

EXECUTIVE SUMMARY	
This working paper presents the updates to the CARSAM Air Navigation Plan and the procedures for the amendment of these plans.	
<b>Action:</b>	Suggested actions are presented in Section 3.
<i>Strategic Objectives:</i>	<ul style="list-style-type: none"><li>• Air Navigation Capacity and Efficiency</li></ul>
<i>References:</i>	<ul style="list-style-type: none"><li>• GREPECAS/PPRC/5 Meeting (16 to 18 July 2019), Conclusion 10</li><li>• GREPECAS/ePPRC/2 (30 October 2020)</li><li>• Global Air Navigation Plan (GANP)</li><li>• CAR/SAM Air Navigation Regional Plan, Doc 8733 (<a href="https://www.icao.int/NACC/Pages/namcar-eANPV1.aspx">https://www.icao.int/NACC/Pages/namcar-eANPV1.aspx</a>)</li></ul>

## 1. Introduction

1.1 At the Fourth Meeting of its 202nd Session, the ICAO Council approved (see C-DEC 202/4) the Regional Air Navigation Plan (ANP) templates for Volumes I, II and III and the associated procedures for amendments.

1.2 Volume I of the ANP contains stable plan elements, the amendment of which requires Council approval. The material to be included in Volume I should minimize the requirement for frequent amendments.

1.3 Volume II of the ANP contains dynamic elements of the plan, the modification of which does not require board approval. ANP Volume II contains material related to:

- The assignment of responsibilities to the States for the provision of aerodromes and air navigation facilities and services; and
- The mandatory regional requirements, current and in the medium term, related to aerodromes and air navigation facilities and services that must be implemented by States in accordance with regional air navigation agreements that involve the relevant PIRG.

1.4 Volume III of the ANP contains dynamic/flexible plan elements that provide guidance for planning the implementation of air navigation systems and their modernization, taking into account emerging programs, such as the ICAO Aviation System Block Upgrade. (ASBU) and associated technology roadmaps outlined in the Global Air Navigation Plan (GANP) (Doc. 9750). The Volume III amendment would not require Council approval.

1.5 The ANPs contain requirements related to facilities and services that States must implement in accordance with regional air navigation agreements. The procedural parts of the ANPs are published in the ICAO Regional Supplementary Procedures (SUPPS) (Doc. 7030).

1.6 The Sixth Edition of the GANP was approved in 2019 and endorsed by the 40th Session of the ICAO Assembly. The Thirteenth Air Navigation Conference proposed the inclusion of the performance management process, described in ICAO Doc 9883 in the Template of Vol. III of the Regional Air Navigation Plans.

1.7 The approval of Volumes I and II of ANP CAR/SAM by GREPECAS occurred on 28 September 2015 and 27 April 2017 respectively, via the express process (Fast Track Procedure).

## **2. Updates to Volumes I, II and III of the CAR / SAM Air Navigation Plan**

2.1 In response to the mandate of the ICAO Council to update and guide the CAR/SAM ANP to the 6<sup>th</sup> edition of the GANP, within GREPECAS, Conclusion CRPP/05/10 (**Appendix A**) was agreed upon, which replaced the GREPECAS/18 conclusions 4 and 7. The implementation of this conclusion was delayed due to attention to the priority issues caused by the COVID-19 pandemic during 2020, so the initial forecast to present the final version of Volume III of the CAR/SAM e-ANP to the meeting GREPECAS/19 will be postponed and a new planning will be given.

2.2 In October 2020, during the GREPECAS/eCPRRC/2 Meeting, a follow-up was given to the implementation of Conclusion CRPP/05/10, highlighting that an interregional Working Group was formed to introduce changes to the standardized template of Volume III of the Regional Air Navigation Plans (RNAP), in accordance with GANP 6<sup>th</sup> Ed. The proposed template is still a draft version. Among the activities undertaken for Volume III of the CAR/SAM ANP, detailed in **Attachment B** to this note, the following stand out:

<b>Volumen III CAR/SAM</b>
<b>CAR Region:</b>
Workshop on the fundamentals and tools of the GANP 6 <sup>th</sup> Ed. To support the formulation of the ANS implementation strategy of the CAR Region; Mexico City, Mexico, from 27-31 January 2020;
ICAO Workshop on the new version of the Global Air Navigation Plan (GANP) Mexico City, Mexico, 17-21 February 2020;
Gradual review of the work plans of the ANI/WG task forces to align them with the 6th. Ed. of the GANP and consider the modifications to the e-ANP.
<b>SAM Region</b>
Workshop on the identification and implementation of key performance indicators (KPI) of air navigation systems in the SAM Region from 5 to 9 August 2019;
Technical assistance to the Panama from 25 to 28 November 2019
Technical assistance to Peru from 21 to 23 January 2020
Workshop on the application and development of the Template of Vol. II of the CAR/SAM e-ANP including formulation of KPIs for the SAM Region.

2.3 To date, the NACC and SAM Regional Offices have been reviewing and updating Volumes I, II and III, in order to facilitate the planning and implementation of air navigation systems within specific technical areas, in accordance with the agreed global and regional planning framework.

- ✓ The development of the update activities of Volumes I and II of the e-ANP
- ✓ The development of a new eANP volume that will replace the RANIP and will serve as base for future regional implementations

2.4 Likewise, the revision and update proposal will satisfy the needs of the specific areas not covered in the global provisions. ICAO PIRGs are responsible for the development and maintenance of ANPs with the assistance of the ICAO Secretariat.

2.5 In preparation to support the tasks related to the development of the air navigation performance framework that would feed the indicators required by Vol. III of the eANP, the PBN and ATFM implementation support task groups of the ANI/WG decided stop the activities of their respective work programs. Additionally, the ATFM implementation support Task Group developed a survey to gather information to identify the aerodromes and air traffic control areas where the implementation and operation of air traffic flow management will be considered as a basic level service for air navigation:

<b>Required information</b>	<b>Reference Letter</b>	<b>Management group</b>	<b>Deadline</b>
Classification of aerodromes and air traffic control zones in the CAR Region	NACC86192	ANI/WG/ ATFM TF	By 30 August 2021

**3. Suggested actions**

**3.1** The Meeting is invited to:

- a) Take note of the progress in the development of Vol III of the CAR / SAM ANP and the current planning in force; and
- b) have an accurate and updated air navigation plan; the Meeting is invited to review the ANP and send change proposals, if any, anticipating the necessary information according to Section 3 and active participation in this development.

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## APPENDIX A

<b>CONCLUSION</b>	
<b>PPRC/5/10</b>	<b>DEVELOPMENT OF VOLUME III OF THE CAR/SAM GANP IN PREPARATION OF NATIONAL AIR NAVIGATION PLANS</b>
<p><b>What:</b></p> <p>That, in Coordination with the NACC and SAM Regional Offices,</p> <p>a) the States support the Secretariat in the preparation of Vol. III of the CAR/SAM e-ANP and the revision of Vols. I and II of the aforementioned document to align it to the GANP - Sixth Edition, considering the catalogue of KPI contained in the GANP;</p> <p>b) the States, in coordination with the NACC and SAM Regional Offices, after completing the preparation and revision of the three CAR/SAM e-ANP Volumes, elaborate or, if applicable, update their NANP, in order to align them to the GANP initiatives, including the requirements of all the areas that involve air navigation services;</p> <p>c) the States forward the developed or updated NANP to the ICAO NACC and SAM Regional Offices by the second semester of 2021;</p> <p>d) ICAO process the approval of Vol. III of the CAR/SAM e-ANP by the third quarter of 2020;</p> <p>e) ICAO, once Vol. III is approved, replace the Regional Air Navigation Plans based on performance by Vol. III of the CAR/SAM e-ANP, and present it to the PPRC/6; and</p> <p>f) ICAO provide technical support to the States that request it for the development of their NANP and supervise the delivery of said plans to the ICAO NACC and SAM Regional Offices.</p>	<p><b>Expected impact:</b></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>
<b>Why:</b> In order to align the Regional Air Navigation Plan (e-ANP CAR/SAM) to the GANP and support the preparation and updating of the National Air Navigation Plans.	
<b>When:</b> By 2021	<b>Status:</b> <input checked="" type="checkbox"/> Valid / <input type="checkbox"/> Superseded / <input type="checkbox"/> Completed
<b>Who:</b> <input checked="" type="checkbox"/> States <input checked="" type="checkbox"/> ICAO <input type="checkbox"/> Other:	

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## APPENDIX B

### Recent activities for the development of the ANP CAR/SAM Vol III

PPRC/5, through Conclusion PPRC/05-10, instructed the Secretariat to process the approval of Vol. III of the CAR/SAM e-ANP no later than the third quarter of 2020.

ICAO established an interregional Working Group in order to introduce the necessary changes to the standardized template for Volume III of the RNAPs, in accordance with the GANP's 6th Ed. The template proposal is presented in **Appendix** (available only in English) of this information paper. This template is a draft version, so it is subject to amendments and opportunities of improvement.

The Secretariat developed the following activities within the framework of the implementation strategy to fulfill the mandate of PPRC/05:

#### **CAR Region**

Workshop on the fundamentals and tools of the 6th Ed. GANP to support the formulation of the ANS implementation strategy for the CAR Region; Mexico City, Mexico, January 27-31, 2020.

ICAO Workshop on the new version of the Global Air Navigation Plan (GANP) Mexico City, Mexico, February 17-21, 2020.

<https://www.icao.int/NACC/Pages/meetings-2020-ganp.aspx>

The ANS implementation strategy of the CAR Region included the gradual review of the work plans of the ANIWG task groups to align them with the 6th Ed. of the GANP and consider the modifications to the e-ANP, to date the following meetings have been held:

- a) Third Meeting of the Task Group for the Implementation of Aeronautical Information Management (AIM/TF/3) of the Working Group on the implementation of Air Navigation for the NAM/CAR Regions (ANI/WG).  
<https://www.icao.int/NACC/Pages/meetings-2020-aimtf3.aspx>
- b) Meeting on follow-up to AIDC implementation (Data Communications between ATS facilities), Mexico City, Mexico, February 25-28, 2020.  
<https://www.icao.int/NACC/Pages/meetings-2020-aidc.aspx>
- c) Airspace Optimization Meeting of the CAR Region - Performance-Based Navigation Concept (PBN) Task Group of the Working Group on Air Navigation Implementation for the NAM/CAR Regions (ANI/WG/PBN/TF/OPT). Zoom platform Meeting, to be held between October 20 and 23, 2020.  
<https://www.icao.int/NACC/Pages/meetings-2020-pbntfopt.aspx>

#### **SAM Region**

The list of face-to-face activities carried out is:

- a) Workshop on the identification and implementation of performance indicators (KPI) of air navigation systems in the SAM Region: August 5 to 9, 2019
- b) Technical assistance to Panama: November 25 to 28, 2019
- c) Technical assistance to Peru: January 21-23, 2020

For 2020, in the initial planning, the delivery of three face-to-face workshops was scheduled, but with the situation of the pandemic, it has been rethought. The re-planning was focused on virtual workshops, delivered as follows:

**Workshop on the implementation and development of VOL III of the CAR/SAM e-ANP template including KPI formulation for the SAM Region**

<b>Dates</b>	<b>States</b>	<b>Number of delegates</b>
August, 10 to 11	Brasil, Chile and Colombia	27
August, 17 to 19	Argentina, Bolivia, Ecuador, Perú and Venezuela	36
August, 24 to 26	Panamá, Paraguay and Perú	19
September, 15 to 17	Guyana and Suriname	15

**Future Planning**

The Secretariat has proposed a new planning for 2021, which contemplates the delivery of the planned activities in virtual format and it is expected to present the progress of this planning of Volume III of the CAR/SAM e-ANP to the GREPECAS plenary meeting in October 2021.