



New Version 4.0 of the CAR Regional Performance-Based Air Navigation Implementation Plan (RPBANIP)

Presented by the Secretariat

Workshop for the preparation/update of national air navigation plans in accordance to the Aviation System Block Upgrade (ASBU), the CAR Regional Performance-Based Air Navigation Implementation Plan (RPBANIP) and the Global Air Navigation Plan (GANP).

Bridgetown, Barbados, 6 to 9 November 2018





CAR REGIONAL PERFORMANCE-BASED AIR NAVIGATION IMPLEMENTATION PLAN (RPBANIP)

WHY IS RPBANIP IMPORTANT?

- The RPBANIP is the Regional Plan that establishes the Regional Air Navigation Implementation Agreements
- The RPBANIP reflects regional priorities in air navigation
- The current plan is applicable for 2016-2018 and the new version will be applicable for 2019-2021



Background

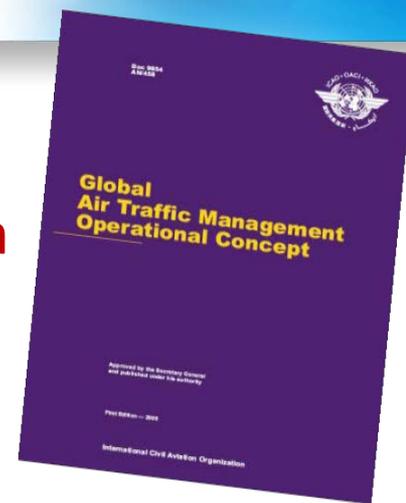
✈ DECISION NACC WG 5/24 **UPDATE OF RPBANIP**

- ✈ That, in order to update the RPBANIP with the 5th Edition of the GANP, the introduction of ASBU B1 modules and several improvements defined by the States, the ASBU Task Force, in coordination with the ICAO NACC Regional Office draft an update of the RPBANIP by **30 August 2017**.
- ✈ ASBU TF rapporteur drafted the revised RBPANIP, which will be available at ICAO website for the RPBANIP ver. 4.0
- ✈ The final draft of the RPBANIP ver. 4.0 updated will be presented to the ANI/WG/4 Meeting



Implementation of Air Navigation Systems

- Global ATM Operational (Doc 9854) ——— Global vision
- GANP (Doc 9750) ————— Global Strategic Planning
- CAR/SAM eANP (Doc 8733)/RPBANIP ——— Regional action
- National Planning ————— National action







NAM/CAR RPBANIP v3.1

NAM/CAR Regional Performance-Based Air Navigation Implementation Plan (RPBANIP)

v3.1 — April 2014
International Civil Aviation Organization

Previous Version

- ✈ **Foreword**
- ✈ **Chapter 1** Growth and Distribution of Air Traffic in the NAM/CAR Regions
- ✈ **Chapter 2** Regional Performance Objectives (RPOs)
- ✈ **Chapter 3** Aviation System Block Upgrade (ASBU) Air Navigation Reporting Forms (ANRFs)
 - ✈ **Appendix A** Aviation System Block Upgrades
 - ✈ **Appendix B** Categorization of ASBU Block 0 Modules for the NAM/CAR Regions
 - ✈ **Appendix C** Terms and Definitions



CAR Regional Performance Based Air Navigation Implementation Plan (RPBANIP)

Official Plan that contains all Air Navigation Areas of implementation
(AIM, AGA, ATM, CNS, MET, SAR)

New Version 4.0

2018



The new version 4.0 will be :

- **applicable for the CAR Region**
- **aligned with 6th edition of GANP**
- **transitional until CAR/SAM eANP Vol III is approved**

Note: **NAM** Region is preparing their own NAM eANP Vol. III instead of the RPBANIP



CAR RPBANIP v4.0



NAM/CAR Regional Performance-Based Air Navigation Implementation Plan (RPBANIP)

Draft version 4.0 – July 2018
International Civil Aviation Organization

✈ PART I – Introduction

- ✈ 1. Background
- ✈ 2. Regional performance framework and aviation system block upgrades (ASBUS)
- ✈ 3. Objectives and purpose of CAR Regional Air Navigation Plan (RPBANIP)
- ✈ 4. The Caribbean (CAR) Region



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CAR RPBANIP v4.0

✈ PART II – GENERAL PLANNING ASPECTS (GEN)

NAM/CAR Regional Performance-Based Air Navigation Implementation Plan (RPBANIP)

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1. Regional Collaboration
2. Regional Priorities
3. Planning Principles
4. Planning Methodology
5. Review and Evaluation of Air Navigation Planning
6. Metrics and Targets for State ANPs, RASI ANRFs, and ASBU
7. Regional Performance Objectives (RPOs)
8. Reporting and monitoring results
 - ✈ Appendix A - CAR Regional Performance Objectives (RPOs) and Completion Instructions
 - ✈ Appendix B - CAR ASBU ANRF Template and Completion Instructions
 - ✈ Appendix C - CAR RASI ANRF Template and Completion Instructions



Regional Performance Objectives (RPOs)

1. Implementation of Performance Based Navigation (PBN)
2. Implementation of Flexible Use Airspace (FUA)
3. Improve Demand and Capacity Balancing (DCB)
4. Improve **SITUATIONAL AWARENESS**
5. Capacity And Efficiency of **AERODROME OPERATIONS** in the CAR Region
6. Optimization and Modernization of Communication Infrastructure (COM)
7. Implementation of Aeronautical Information Management (AIM)
8. Improve Availability of Meteorological Information (MET)
9. Improve Search and Rescue (SAR)

RPOs contain the basic elements to be implemented for the different ASBU B0 Modules



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✈ PART III – Aviation System Block Upgrades ✈ Implementation (ASBU)

✈ 1. Introduction

✈ 2. CAR ASBU Block 0 Implementation Targets and Status

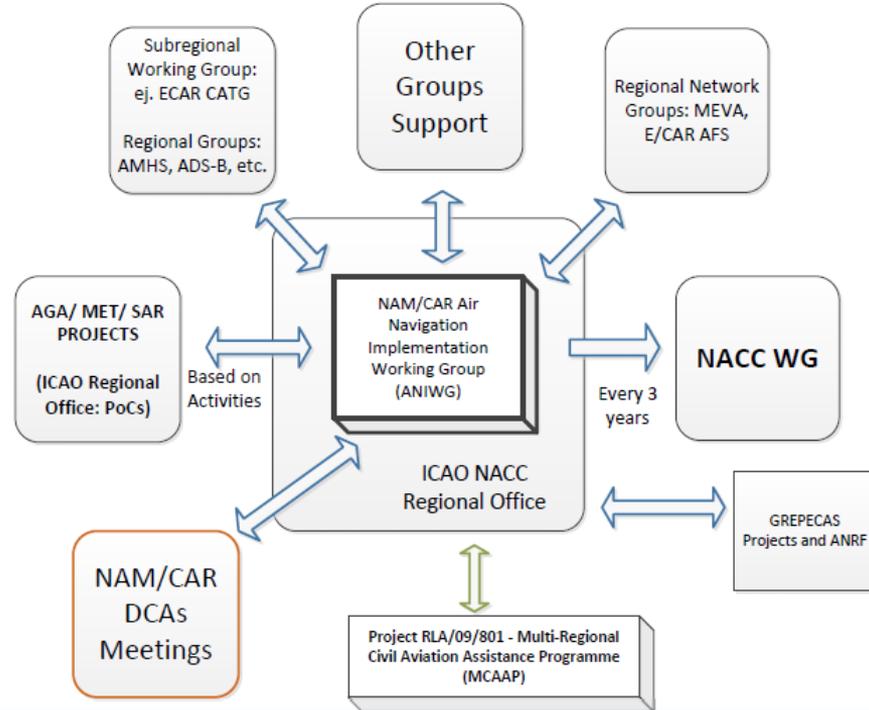
✈ Appendix A - CAR ASBU Handbook

✈ Table CAR ASBU -1 – CAR Metrics and Targets for ASBU Block 0 Elements

✈ Table CAR ASBU -2 – CAR Implementation Status of ASBU Block 0 Elements



NAM/CAR Air Navigation Implementation Working Group (ANI/WG)



**CAR Regional Performance-Based Air Navigation Implementation Plan (RPBANIP)
AVIATION SYSTEM BLOCK UPGRADE (ASBU)**



CAR RPBANIP v4.0



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✈ PART IV – Regional Aviation System Improvement Implementation (RASI)

✈ 1. Introduction

- Appendix A:– CAR RASI-1 ANRF
- Appendix B: - CAR RASI-2 ANRF
- Appendix C: - CAR RASI-3 ANRF
- Appendix D: - CAR RASI-4 ANRF



New concept:

✈ Regional Aviation System Improvement Implementation (RASI)

✈ The CAR Regional specific Elements not part of ASBU will be reported using the RASI ANRF. These Elements are:

✈ **Aerodrome Certification** – aerodrome-centric element

✈ **Aerodrome Bird/Wildlife Organization and Control Program** – aerodrome-centric element

Elements	Metrics	Targets	Progress & Remarks
1. Aerodrome Certification	Number of aerodromes to be considered: 72	B0-ACER-1. Target 1:	
	a. How many States have assessed the need? 21	Assess by date a. 2025 b. 2018-2021	
	b. How many aerodromes need this capability? 72	B0-ACER-1. Target 2:	
	c. How many aerodromes have implemented this capability? 36 implemented	Assess by date c. other 36 by 2025	



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CAR/SAM eANP Vol III- Current Status

GREPECAS Decision PPRC/4-3

POSTPOSTMENT OF APPROVAL OF CAR/SAM eANP VOLUME III

Considering the upcoming GANP update, 6th. Edition (2019) by ICAO and the importance of aligning the Volume III to these requirements:

- a) The Secretariat will circulate Vol III until the Sixth Version of the GANP is available
- b) States to continue using their Regional Performance-based Air Navigation Plans (SAM-PBIP y RPBANIP) for the development of their National Air Navigation Plans



The management of CAR/SAM ANP Volume III is the responsibility of the GREPECAS



Planning: objectives set, priorities and targets planned at regional or sub-regional levels



Implementation monitoring and reporting: monitoring of the progress of implementation towards targets planned



Guidance: providing regional guidance material for the implementation of specific system procedures in a harmonized manner.





eANP Vol. III- CAR/SAM – Regional follow-up

ASBU
Implementation



Performance-
based
Regional
Plan (RPBANIP)



New eANP – Volume III

Volume III contains dynamic/flexible plan elements related to the implementation of the air navigation system and its modernization in line with the ICAO Aviation System Block Upgrades (ASBUs) and associated technology roadmaps described in the Global Air Navigation Plan (GANP)



THANK YOU!