



ICAO

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

AO/TF/5/ATFM/TF/7/CIIFRA/9 — WP/06

24/01/25

**Fifth Meeting of the North American, Central American and Caribbean Working Group (NACC/WG)
Airspace Optimization Task Force, Seventh Meeting of the Air Traffic Flow Management
Implementation Task Force and Ninth Meeting of the CANSO IATA ICAO Free Route Airspace Team
(AO/TF/5/ATFM/TF/7/CIIFRA/9)**

Orlando, United States, 03 to 07 March 2025

**Agenda Item 3: ICAO NACC/WG Air Traffic Flow Management Implementation Task Force
(ATFM/TF) Updates**

and

Agenda Item 4: ICAO NACC/WG Airspace Optimization (AO/TF) Updates

FIVE-YEAR ROADMAP FOR AO/ATFM TASK FORCES: GOALS, CHALLENGES, AND MILESTONES

(Presented by the AO/TF and ATFM/TF Rapporteurs)

EXECUTIVE SUMMARY	
This roadmap outlines the creation, goals, key milestones, and challenges for achieving airspace optimization and ATFM implementation over the next five years. It establishes a structured and strategic framework, ensuring a phased progression towards enhanced efficiency, capacity, and interoperability within the region.	
Action:	Endorse the roadmap and ensure commitment from States for its implementation.
<i>Strategic Objectives:</i>	<ul style="list-style-type: none">• Safety• Air Navigation Capacity and Efficiency
<i>References:</i>	<ul style="list-style-type: none">• ICAO GANP: ASBU Framework Implementation for ATM and AO• Previous Meeting Summary of Discussions: AO/TF and ATFM/TF Work Programmes.• GREPECAS Recommendations on Regional Planning and KPIs Alignment.

1. Introduction

1.1 The Airspace Optimization (AO)/Task Force (TF) and ATFM/TF have developed a comprehensive five-year roadmap to guide efforts in airspace optimization and Air Traffic Flow Management (ATFM) implementation. This roadmap sets clear goals, milestones, and strategies to address challenges while fostering regional collaboration and alignment with ICAO's strategic objectives.

1.2 The roadmap is designed to enhance efficiency, safety, and capacity in the NAM/CAR Regions, supporting the implementation of the Global Air Navigation Plan (GANP) and aligning with the Aviation System Block Upgrade (ASBU) framework for Air Traffic Management (ATM) and AO.

1.3 This document emphasizes the need for a harmonized approach to regional airspace management, highlighting the importance of State commitment to achieving the outlined objectives.

2. Analysis

2.1 Goals and Objectives

2.1.1 The roadmap outlines the following primary goals:

- achieve seamless cross-border operations through enhanced collaboration and data sharing.
- implement performance-based navigation (PBN) and free route airspace (FRA) in key areas.
- strengthen ATFM systems to improve predictability and reduce delays during peak traffic.

2.1.2 These goals are aligned with ICAO's Safety and Air Navigation Capacity and Efficiency objectives, ensuring global consistency and regional relevance.

2.2 Milestones

2.2.1 Key milestones identified in the roadmap include:

- Year 1: Develop detailed implementation plans and secure State commitments.
- Year 2: Conduct regional workshops to address technical challenges and foster collaboration.
- Year 3: Launch initial implementation of FRA and enhanced ATFM systems.
- Year 4: Conduct mid-term reviews to assess progress and adjust strategies as needed.
- Year 5: Achieve full operational capability for key roadmap components.

2.2.2 These milestones provide a clear framework for tracking progress and ensuring accountability.

2.3 *Challenges*

2.3.1 The roadmap acknowledges the following challenges:

- Variability in State resources and technical capabilities.
- Regulatory and operational differences across FIR boundaries.
- Ensuring consistent stakeholder engagement and collaboration.

2.3.2 Addressing these challenges requires targeted capacity-building initiatives and sustained commitment from all stakeholders.

2.4 Alignment with Strategic Objectives

2.4.1 The roadmap supports ICAO's Safety and Air Navigation Capacity and Efficiency objectives by:

- Enhancing regional ATFM capabilities to improve traffic flow predictability.
- Facilitating airspace optimization to accommodate future traffic growth.
- Supporting GANP ASBU Blocks 0 and 1 implementation targets.

2.4.2 Alignment with GREPECAS recommendations ensures consistency with regional planning and KPI frameworks.

3. **Conclusions and Recommendations**

3.1 The Secretariat recommends the following actions:

- a) creation of a five-year roadmap and encourage States to commit to its implementation;
- b) through the funds of a project or through State's input, facilitate workshops and training sessions to address capacity-building needs that align with the NACC/WG and GREPECAS;
- c) establish mechanisms for regular progress monitoring and reporting to NACC/WG and GREPECAS; and
- d) strengthen regional collaboration to overcome regulatory and technical challenges.

3.2 These actions will ensure the successful implementation of the roadmap, fostering a seamless and efficient airspace structure within the NAM/CAR Regions.

4. Suggested Actions

4.1 The Meeting is invited to:

- a) review and adopt the five-year roadmap yearly goals and create a detailed roadmap to share for the AO/TF/6/ATFM/TF/8/CIIFRA/10 meeting;
- b) endorse the recommendations outlined in Section 3; and
- c) suggest any additional actions necessary to advance the roadmap's goals and milestones.

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