NACC/WG/6 — WP/05
13/08/21

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 2:	**Follow-up on Valid Conclusions and Previous Agreements of the NACC/WG, GREPECAS, NACC/DCA and Other Related Meetings**
	2.3 Follow-up to GREPECAS improvements and AN Projects (AIM, ATM, AGA, CNS, MET and SAR).

PRELIMINARY PROGRESS REPORT BY AIR TRAFFIC FLOW MANAGEMENT TASK FORCE (ATFM/TF)

(Presented by the AFTM Task Force Rapporteur)

EXECUTIVE SUMMARY	
This Working paper presents the progress achieved by the Air Traffic Flow Management Implementation Task Force (ATFM/TF) since its previous progress report. This paper includes the results for previously identified deliverables and recommendations for improving the Task Force function and coordination.	
Action:	Action Suggested described in Section 5
Strategic Objectives:	• Safety • Air Navigation Capacity and Efficiency
References:	• CAR Regional Performance-Based Air Navigation Implementation Plan (RPBANIP) • First NAM/CAR Air Navigation Implementation Working Group Meeting (ANI/WG/1), Mexico City, Mexico, 29 July to 1 August 2013 • Second NAM/CAR Air Navigation Implementation Working Group Meeting (ANI/WG/2), Puntarenas, Costa Rica, 1 to 4 June 2015 • Third NAM/CAR Air Navigation Implementation Working Group Meeting (ANI/WG/3), Mexico City, Mexico, 4 to 6 April 2016 • ATFM/TF teleconferences, webinars and e-mail correspondence

1.   Introduction

1.1   The Air Traffic Flow Management Implementation Task Force (ATFM/TF) was established during the first ICAO NACC Air Navigation Implementation Working Group Meeting (ANI/WG/1) in 2013, to reflect the importance of Traffic Flow Management (TFM) to the Region. The objective of the ATFM/TF is to work collaboratively and develop a regional and interoperable ATFM framework in the NAM/CAR Regions that is consistent with ICAO Doc 9971 — *Manual on Collaborative Air Traffic Flow Management* and other related global documents.

2.   ATFM/TF Progress and Results

2.1   The AFTM/TF holds monthly web conference meetings. The meetings have included information on the response to the global pandemic, impacts to flight operations and forecasts for future operations. These web conference meetings include briefings by the TF members and discussions on benefits of sharing traffic data for the region. January 2021 through March 2021, the TF held joint monthly web conference meetings with the Performance Based Navigation Implementation Task force (PBN/TF).

2.2   The TF held the annual meeting (on-line) May 17-19, 2021. The meeting included a detailed explanation of various metrics or key performance indicators that could be implemented for the region. The TF determined to focus on arrival and departure delay, controlled time of departure compliance or slot adherence and filed flight plan versus flown flight plan metrics. Two conclusions were agreed to at the annual meeting; Implementation of the Regional Air Traffic Management (ATM) Performance Framework and ATFM Contingency Procedures. In July 2021, the TF submitted a request to the States to start developing a database of operations for key airports and airspace in the region to help establish a baseline of operational data to measure success.

Deliverables and Results

2.3   The focus for 2020-2021 includes continued sharing of best practices, information on demand and capacity balancing methodology, and supporting the CADENA regional pre-tactical web conference for all Air Navigation Service Providers (ANSPs) and stakeholders. (See **Appendix** for specific tasking goals/dates of the updated work programme). With the increased information on demand available to ANSPs, States can better identify their constraints, implement flow management programmes and improve their arrival and departure rates and increase their capacity within their airspace and airports.

2.4   The ATFM/TF promoted several changes to the ATFM related documentation for the CAR/SAM Regions, with the elimination of the CAR/SAM ATFM Manual and amendments to the CAR/SAM ATFM Concept of Opreations (CONOPS). The amendments to the ATFM CONOPS included the regional ATFM Key Performance Indicators(KPIs) and the ATFM Training Programme.

2.5   As part of the TF, the United States Federal Aviation Administration (FAA) delivered a three-day ATFM 101 virtual course for the region from 7 to 9 June2021. 27 participants from 7 States and COCESNA participated in the course and the material included a general overview of flow management, components of traffic management systems and collaborative decision-making. It provided information and discussion on system thinking and how interactions within a system affect the quality of its overall performance as well as airport and airspace capacity and TFM job functions.

3.   **Development of the CAR/SAM eANP Vol. III and future ATFM/TF Work Programme**

3.1   The current reference of the ATFM/TF Work Programme is the CAR Regional Performance-Based Air Navigation Implementation Plan (RPBANIP). The RPBANIP is going to be superseded by the CAR/SAM Electronic Air Navigation Plan (eANP) Vol. III.

3.2   The CAR/SAM eANP Vol. III will contain dynamic/flexible plan elements related to the application of a performance-based approach for a cost-effective and benefit-driven modernization of the air navigation system in line with the Global Air Navigation Plan (GANP).

3.3   The development of Vol. III not only will require the adjustment of the current ATFM/TF Work Programme, in order to ensure alignment of the Regional implementation initiatives and the CAR/SAM Planning and Implementation Regional Group (GREPECAS) related projects, but will also require significant contribution from the TF in order to develop the Regional Performance Framework. Accordingly, the ATFM/TF decided to give priority to the CAR/SAM eANP Vol. III activities, collaborating with its development and publication.

4.   **Recommendations for Improving the ATFM Implementation**

4.1   Since the ATFM/TF held its first monthly web-conference in March 2016, participation has increased and resulted in stronger collaboration between the States.

4.2   Discussions during the calls have expanded to include ATFM tools and meteorological products in the region and the need for ANSPs to share information on air traffic demand and capacity numbers for regional airports, sectors and airspace. Especially during the response to the global pandemic, the TF has remained committed to promoting increased efficiency of operations throughout the region.

5.   Suggested Action

5.1   The Meeting is invited to:

a)   evaluate the progress of the ATFM/TF detailed in this Paper;
b)   support the recommendations for expanding TF participation; and
c)   review and update Work Programme timelines and priorities.

— — — — — — — — — — —

APPENDIX /APÉNDICE
FOLLOW-UP ATFM TASK FORCE WORK PROGRAMME/
PROGRAMA DE TRABAJO DE SEGUIMIENTO DE GRUPO DE TAREA ATFM

Activity/ Actividad	Deliverable/ Entregable	Progress/Avance
Trainings and Workshops / Cursos y Talleres	Trainings and workshop / Cursos y Talleres	NAM/CAR ATFM/CDM Regional Training Programme ATFM Basic Training for COCESNA - Completed / Programa Regional de Instrucción NAM/CAR ATFM/CDM Formación Básica ATFM para COCESNA – completada
CAR/SAM ATFM Concept of Operation Document (CONOPS) / Documento de Concepto de Operaciones (CONOPS) ATFM CAR/SAM	CAR/SAM CONOPS doc / Doc CONOPS CAR/SAM	Proposal to update the CAR/SAM ATFM CONOPS Proposal to eliminate the CAR/SAM ATFM Manual / Propuesta de actualización de los CONOPS ATFM CAR/SAM Propuesta de eliminación del Manual ATFM CAR/SAM
Contingency Plans / Planes de Contingencia	Contingency Plans / Planes de Contingencia	In progress /en curso
ATFM regional Performance Measurement / Medición del desempeño regional ATFM	ATFM Regional KPIs -ATFM Tools minimum requirements / KPI regionales ATFM -Requisitos mínimos de las herramientas ATFM	In progress/ en curso
Support to ICAO NACC Regional Work Associated with ATFM / Apoyo al trabajo regional NACC de la OACI asociado con ATFM	Necessary inputs, letters, papers, and document / Insumos, cartas, notas y documentos necesarios /	Updated RPBANIP ATFM related RPOs ICAO ACDM/ATFM Workshop Complete in-depth analysis of 2019 NAM/CAR Survey / RPO actualizados relacionados con RPBANIP ATFM Taller OACI ACDM/ATFM Análisis completo en profundidad de la encuesta NAM/CAR 2019
Flexible Use Airspace / Espacio aéreo de uso flexible	Develop training, formalize LOAs, and pre-tactical coordination between organizations / Desarrollar capacitación, formalizar LOA y coordinación pre-táctica entre organizaciones.	Pending /Pendiente
ANI/WG Decision and ATFM/TF Organization / Decisión ANI/WG y organización ATFM/TF	Work Programme and ToRs / Programa de Trabajo y ToR	Work programme and ToRs updated / Programa de Trabajo y ToR Requires Review And Adjustment / Requiere de Revisión y ajuste

— END —