AIM/TF/8 — WP/02
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Eighth North American, Central American and Caribbean Working Group (NACC/WG) Aeronautical Information Management Implementation Task Force Meeting (AIM/TF/08).
México City, Mexico, 8 to 11 July 2025

Agenda Item 2: Plan Review and update to the NACC/WG AIM TF's Work Programme, Terms of Reference (ToRs)

WORK PROGRAMME AND TERMS OF REFERENCE (ToRs) AIM 2025 - 2030

(Presented by the Secretariat)

EXECUTIVE SUMMARY	
This working paper presents important updates to the AIM/TF Work Program, related to Aeronautical Information Management (AIM) and future changes relating to AIM to be included in the 8th version of the Global Air Navigation Plan (GANP).	
Action:	Suggested actions are presented in Section 3.
Strategic Objectives:	• Strategic Objective 1 – Safety • Strategic Objective 2 – Air Navigation Capacity and Efficiency
References:	• Global Air Navigation Plan (GANP) – 7th. Edition • Basic Constituent Elements Framework /BBB), GANP Portal

1.   Introduction

1.1   According to the analyses carried out during the meeting, the group is expected to update of the Terms of Reference (ToRs) and Work Programme (see proposed changes in the **Appendix**) of the AIM/TF.

1.2   This working paper provides information on the proposed changes to the Global Air Navigation Plan (GANP, Doc. 9750, 8th Ed, Home - ICAO GANP Portal) with particular emphasis on the Basic Building Blocks (BBBs) and the proposed changes to Digital Aeronautical Information Management (DAIM) modules of the Aviation System Block Improvements (ASBU). It also refers to the need to update the AIM information in the Air Navigation Plan (ANP)

2.   Discussion

2.1   During the 42nd ICAO Assembly (23 September – 3 October 2025), the eighth edition of the Global Air Navigation Plan (GANP, Doc 9750), which contains important updates, will be submitted for consideration. In addition to the proposals submitted to the 14th Air Navigation Conference (AN-Conf/14-WP/12), updates to the seventh edition of the GANP have been proposed to align it with the ICAO Strategic Plan 2026-2050. The recommended update for the GANP portal is available at the following link: https://www4.icao.int/ganpportal/document/RecommendedGANPUpdates

2.2　　　The DAIM thread update includes delaying some elements, changes to the maturity level of some elements, and updating some enablers. Where appropriate, the applicability to new entrants and the use of automation/machine learning have also been highlighted. The proposed changes for the ASBU modules concerning AIM are as follows:

- **DAIM-B1/1 Provision of quality-assured aeronautical data and information;** Change the Maturity Level (ML) a *Ready for implementation.*
- **DAIM-B2;** Change in the version of the enabler (Information Exchange Model) for all elements; *Aeronautical Information Exchange Model (AIXM) v 5.1 o superior*. Justification: States should be made aware that previous versions of AIXM (i.e. 4.5) will be unsupported and phased out in Block 2.
- **DAIM-B2/3 Aeronautical information to support higher airspace operations;** Moved to Block 4 as by 2025 it would still have a "Concept" maturity level.
- **DAIM-B2/4 Aeronautical information requirements to support lower airspace operations;** Updated Element Name. The maturity of these operations requires this element to be moved to Block 3 by 2025 ML will be "Standardization". Main Purpose (MP): To provide low altitude airspace management information in a Unmanned Aircraft Systems (UAS) Traffic Management (UTM) service that is complementary to standard AIS. Justification: States should have started to focus on the defining provisions that are necessary to be ready for implementation next.
- **DAIM-B2/5 NOTAM replacement;** Moved to Block 3 to add the use of Artificial Intelligence and Machine Learning (AI/ML) for a more efficient NOTAM-like information exchange mechanism. Justification: The maturity of these operations requires this element to be moved to Block 3.

2.3　　　BBBs represent the identification of essential services to be provided for international civil aviation in accordance with ICAO Standards and Recommended Practices (SARPs) and for aeronautical information management as defined in Annex 15 and Annex 4. In addition, they identify the end users of essential services, as well as the assets of the Communication and Navigation infrastructure that are necessary for their provision. It also indicates as Procedures for Air Navigation Services Doc. 10066 (PANS-Aeronautical Information Management) and as guide documents Doc. 8126 (AIS Manual) and Doc. 8697 (Aeronautical Charts Manual). It is important to note that the BBBs are separate from the ASBU modules as part of the Global Technical level of the GANP and are the basis for the stable (Volume I) and dynamic (Volume II) planning elements of the Air Navigation Plan (ANP).

2.4　　　Another aspect to consider is that in the Protocol Questions (PQs) associated with the AIM as the main tool used in the Continuous Monitoring Approach (CMA) of ICAO's Universal Safety Oversight Audit Programme (USOAP), 9 PQs appear that represent the areas covered by the BBB framework with Critical Elements 6 and 7 (CE-6 Licensing obligations,　certifications, authorizations and/or approvals and CE-7 Surveillance Obligations), focusing on the surveillance that the State is ensuring that the air navigation service provider is providing the service in accordance with ICAO SARP and PANS.

2.5   The template for Volume III of the Air Navigation Plan is also in the process of being updated. Volume III should contain dynamic and flexible elements of the ANP, providing guidance for the planning of the implementation of air navigation systems and their modernisation, considering emerging programmes, such as ASBUs and the associated technology roadmaps described in the GANP. It would also include appropriate additional guidance, regarding implementation, to complement the material contained in Volumes I and II of the ANP.

2.6   It is the responsibility of States to develop their National Air Navigation Plan (NANP) aligned with Regional Air Navigation Plan (RANP) to attain a globally harmonized performance management process and support the achievement of global performance objectives and report annually on progress and effectiveness against established priorities. Volume III plays a key role in bridging the GANP with national air navigation plans and initiatives, thereby facilitating the alignment of global, regional and national efforts. The new Volume III template will provide guidance on national air navigation planning, including the link between the NANP, the RANP and the GANP, as well as with other national aviation plans, such as those related to safety, environment, security, and facilitation, within a broader, integrated National Civil Aviation Master Plan (CAMP); and even to the State's overarching national development plan

2.7   It is proposed that the meeting include in the AIM/TF Work Programme an activity to monitor compliance with the BBB, the updating of Volumes I, II and III of the ANP by the States, as well as the monitoring of the results of the deficiencies of Air Navigation and the USOAP in the field of AIM. Likewise, assess the need to include in the Terms of Reference any update considered pertinent during the working sessions.

3.   Suggested actions

3.1   The Meeting is invited to:

a)   consider the changes proposed by the Secretariat to the AIM/TF Terms of Reference and work programme;

b)   review, discuss and approve the contents of the **Appendix** to this paper; and

c)   suggest some other additional actions.

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