



ICAO

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North American, Central American and Caribbean Office
INFORMATION PAPER

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Fifth NAM/CAR Air Navigation Implementation Working Group Meeting (ANI/WG/5)
Mexico City, Mexico, 27 to 31 May, 2019

- Agenda Item 2: Review and Follow-up to Valid Conclusions/Decisions of the ANI/WG/04, NACC/WG/05 and GREPECAS/18 Meetings**
2.1.2 Progress report by States of Adopted Aviation System Block Upgrades (ASBU) B0 and B1 Modules

**PROGRESS IN THE IMPLEMENTATION OF BLOCK 0 OF ASBU
MODULE DATM, IN CUBA**

(Presented by Cuba)

EXECUTIVE SUMMARY	
This Information Paper describes the progress in the implementation of the DATM module of block 0 of ASBU in Cuba.	
<i>Strategic Objectives:</i>	<ul style="list-style-type: none">• Safety• Environmental Protection
<i>References:</i>	<ul style="list-style-type: none">• AN-Conf/12• National Program of the task subgroup for the implementation of the B0 DATM module• National meetings of the task subgroup

1. Introduction

1.1 The Twelfth Air Navigation Conference (AN-Conf/12) under the concept of "Single Sky", conceived a concept, worldwide, to develop the implementation plans, infrastructure and procedures required, both at the regional level as a national, adopting a new way of planning, developing standards, identifying and implementing operational improvements, using an improved long-term planning regime based on the Aviation Block Improvements.

1.2 In Cuba and based on what was agreed during the First Meeting of the NAM/CAR Regions Air Navigation Implementation Working Group (ANI/WG/01), it was agreed to activate the task subgroup format for the implementation of the DAIM module in order to make implementation activities related to air navigation more efficient.

1.3 This task subgroup meets quarterly and updates its work program, as well as notifying its progress to the ANI/WG based on the action plan for these tasks.

2. Development

2.1 Our task subgroup program for the implementation of the module 0 of Digital Aeronautical Information Management (DATM) is also based on the 5 elements of the baseline. Below the goals and progress of the implementation:

Table 1 Cuba Implementation Status (up to March 2019)	
Elements	Goals and progress in implementation (Ground and Air)
1. AIM QMS	100% de AIM Dependencies with QMS certification. Partially implemented Pending recertification by Buro Veritas under ISO 9001: 2015. Date: Dec. 2019
2. e-TOD Implementation	100% of the airports with more than 1000 operations with e-TOD implemented. Partially implemented. 50% - eTOD data of area 1 Available. - Data of the obstacles, areas 2 and 3, of the airports of Havana and Varadero. Available - Available land data, areas 2 and 3, from the Havana airport; pending the acquisition of terrain data areas 2 and 3 of the Varadero airport as well as the application to manage this data. Date: Dec. 2019-2021
3. AIXM 5.1 Implementation	100% AIXM 5.1 Implementation. Implemented
4. e-AIP Implementation	100% e-AIP Implementation. Partially implemented.. 50%. Completed GEN, ENR and AD tables, pending the acquisition of an application for the management of cartography. Date: Dec. 2020
5. digital NOTAM	100% NOTAM digital Implementation. Planned 0%. Its implementation has not yet begun Date: 2019-2024
6. WGS-84	100% Implemented

3. Conclusions.

3.1 Cuba has maintained the gradual progress in the implementation of block 0 of ASBU and will continue working to comply with the proposed goals of compliance planned in the coming years, but it is still a concern the deadlines for the implementation of the eTOD Standard and acquisition of Aerodrome Cartographic Data (AMD) that would support, among other applications, the implementation of xNOTAM. The collection and management of these data requires high budgets that, in the periods that comply with the DATM modules in blocks 0 and 1, will be difficult even in our region to lead to compliance; issue repeatedly exposed to ICAO NACC and GREPECAS, without being accepted to adapt the deadlines.