



ICAO

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

WORKING PAPER

IAIM — WP/09

24/10/18

Integrated Aeronautical Information Management Transition Planning Meeting (IAIM) (AIM Strategy)
Mexico City, Mexico, 29 to 31 October 2018

Agenda Item 6: AIM measuring and monitoring

AIM MEASURING AND MONITORING

(Presented by Secretariat)

EXECUTIVE SUMMARY	
This working paper tries to make a reminder of the need to know the metrics for AIM already established, and also to emphasize the importance of reporting the status and progress through the ANRF, for ICAO monitoring.	
Action:	Described in Section 4
Strategic Objectives:	<ul style="list-style-type: none">• Safety• Air Navigation Capacity and Efficiency
References:	<ul style="list-style-type: none">• Roadmap for the transition from AIS to AIM-2009• Doc 9750 GANP• RPBANIP V4• Port of Spain-2014 Declaration

1. Introduction

1.1 Version 4.0 of the RPBANIP, whose applicability covers the period 2019-2021, replacing the previous version, defines the planning and implementation of air navigation systems for the CAR Region, in accordance with the agreed global and regional planning framework.

1.2 The RPBANIP contains the provisions that the States can follow in the programming of the provision of their air navigation services and facilities, with the guarantee that the facilities and services provided in accordance with the plan will be consistent with that of the other States. a system suitable for the foreseeable future.

2. Regional Performance Objectives (RPO)

2.1 The establishment of collaborative decision making processes (CDM) ensures that all stakeholders agree with the requirements, tasks and deadlines. The implementation of the RPO should address the air navigation requirements, based on appropriate evaluations and technical studies.

2.2 The RPOs will provide the elements that define the high-level tasks for the implementation of regional priorities, establishing the metrics for all measurements of progress, benefits and progress of implementation.

2.3 The RPOs should be designed with the main objective of achieving the highest degree of interoperability at the highest level. And the results, deliverables and deadlines to be reported must be measured in numerical terms that represent the progress made to the ICAO Air Navigation Council and Commission. The RPOs for AIM were also included in **Appendix** of the WP 06, of this Meeting.

3. AIM Metrics and Monitoring

3.1 The Declaration of Port of Spain, as one of the results of the NACC / DAC / 5 Meeting, held in Trinidad and Tobago in April 2014, established as regional metrics for the transition to Aeronautical Information Management (AIM):

"100% of the required elements of the Roadmap - Phase 1 of the Aeronautical Information Services (AIS) to the AIM implemented by the States no later than December 2016."

3.2 On the other hand, the RPBANIP indicates that the first knowledge that the ICAO NACC OR needs is the status of each State, or in terms of improvement of the regional aviation system (RASI) and elements of the system of improvements per block of aviation (ASBU), with need for analysis and implementation. This communication will be made through the Air Navigation Plans (ANPs) and the air navigation report formats (ANRFs) that are indicated in Appendix of this working paper.

3.3 It is convenient to remember that the ICAO AIS to AIM transition roadmap published in 2008, defined 3 phases and 21 steps for the measurement of this transition, establishing the estimated start cycles for each phase:

1st	Consolidation Phase	December 2008
2nd.	Phase Step to the digital environment	December 2009
3rd.	Phase Information management	October 2011

4. Suggested action

4.1 The Meeting is invited to study the content of this note and the necessary references in order to determine the most appropriate deadlines, the necessary metrics for the fulfillment of the three phases of transition from AIS to AIM, and regional performance objectives of AIM.

APPENDIX
Air Navigation Report Format (ASBU ANRF)

The ANRFs should be reviewed at least once a year and updated if required. When updated, they should be sent to the ICAO NACC OR

The way in which the ANRFs should be completed is indicated in Appendix B of the RPBANIP version 4.0.

ASBU Air Navigation Reporting Form (ASBU ANRF)			
PIA	Block - Module	Date	
Module Description			
Element Implementation Status			
1	Element Description	Date Planned/Implemented	Status
	Status Details		
2	Element Description	Date Planned/Implemented	Status
	Status Details		
3	Element Description	Date Planned/Implemented	Status
	Status Details		
etc.	Element Description	Date Planned/Implemented	Status
	Status Details		
Achieved Benefits			
<i>Access and Equity</i>			
<i>Capacity</i>			
<i>Efficiency</i>			
<i>Environment</i>			
<i>Safety</i>			
Implementation Challenges			
<i>Ground system Implementation</i>			
<i>Avionics Implementation</i>			
<i>Procedures Availability</i>			
<i>Operational Approvals</i>			
Notes			