



INTERNATIONAL CIVIL AVIATION ORGANIZATION

Ninth Meeting of the AASPG Infrastructure and Information Management Sub-Group (IIM/SG9)

Dakar, Senegal, from 3 to 7 August 2026

Agenda Item 3: *Achievements in Infrastructure and Information Management*

3.3 Status of implementation of ASBU elements in AIM, CNS and MET areas

WP3.3A Status of implementation of ASBU elements in AIM, CNS and MET areas

(Presented by the Secretariat)

SUMMARY
This working paper presents an analysis of the implementation of ICAO Aviation System Block Upgrades (ASBUs) in AIM, CNS and MET domains in the AFI Region. It highlights key challenges affecting a reporting-based approach and the ASBU implementation. Action by the meeting in paragraph 3
REFERENCE(S): ▪ Global Air Navigation Plan GANP (Doc. 9750 6th Edition) ▪ AFI Regional Air Navigation Plan Doc .7474 and AFI e-ANP
This working document relates to ICAO Strategic Goals: Every Flight is Safe and Secure, Aviation Delivers Seamless, Accessible, and Reliable Mobility for All,

1. INTRODUCTION

- 1.1 The meeting may recall that APIRG endorsed the implementation of selected ASBU elements aligned with regional priorities and ICAO SARPs (APIRG/25 Decision 25/10).
- 1.2 To support monitoring on ASBU planning and implementation, in line with APIRG/27 Conclusion 27/16 (b), the Secretariat developed reporting tools, including dashboards and the online ASBU tool on the AANDD platform, aimed at improving data collection and visibility of implementation progress.
- 1.3 Despite these efforts, experience from previous meetings indicates that progress in ASBU implementation remains limited across the AFI Region and expresses concerns regarding the accuracy of data due to limited ANSPs involvement and encouraged States to strengthen

coordination with service providers in line with APIRG Conclusion 27/17. Furthermore, recurring discussions have highlighted the need to move beyond reporting challenges towards more effective implementation support.

2. DISCUSSIONS

- 2.1 The assessment of ASBU implementation at the regional level continues to be influenced by varying levels of reporting from States, which may affect the completeness of the overall picture.
- 2.2 Notwithstanding this, progress has been observed since IIM/SG8. A number of States, including Namibia and Nigeria, with the support of the ICAO Regional Offices (ESAF and WACAF), have organized national workshops and activities on ASBU implementation. These initiatives have contributed to improved stakeholder involvement and more structured reporting processes. Additional initiatives, including those coordinated by regional organizations such as ASECNA, are planned before the end of 2026 and are expected to further enhance both implementation and reporting efforts across the Region.
- 2.3 Analysis of available data and input from States indicates that:
 - Implementation of ASBU elements remains uneven across AIM, CNS and MET domains;
 - Gaps persist in key enablers such as AIDC (FICE-B0/1), ATN/IPS (COMI B1/1), AMHS (COMI B0/7), ADS-B (ASUR-B0/1), and AIXM implementation (see Appendix);
 - Reporting levels, while improving, remain limited, impacting the accuracy and reliability of regional assessments.
- 2.4 Notwithstanding these considerations, available inputs highlight encouraging efforts by States, while also identifying areas where further strengthening could enhance both reporting and implementation. These include:
 - Enhanced involvement of ANSPs and operational stakeholders in ASBU reporting and implementation processes;
 - Strengthened coordination between Civil Aviation Authorities and service providers;
 - Continued prioritization of ASBU elements aligned with operational needs and national development plans;
 - Further reinforcement of technical capacity, resources, and implementation planning.

3. ACTIONS BY THE MEETING

- 3.1 The meeting is invited to:
 - a) Note the information provided in this working paper;
 - b) Encourage States, in coordination with ANSPs and relevant Stakeholders, to enhance implementation of ASBU and improve the submission and validation of implementation data through existing platforms.

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