

INTERNATIONAL CIVIL AVIATION ORGANIZATION

Eighth Meeting of the APIRG Airspace and Aerodrome Operation Subgroup (AAO-SG/8)

Dakar, Senegal, 14-18 July 2025

Agenda Item 4: AFI AIR NAVIGATION PLAN**Update on AOP information in the Regional Air Navigation Plan***(Presented by the Secretariat)*

SUMMARY
This working paper presents the status of the update of the Aerodrome Operations and Planning (AOP) areas in the AFI Regional Air Navigation Plan. Action by the meeting is in paragraph 3.
REFERENCE(S): - APIRG 20-26 Reports - AFI eANP Vol I, II and III.
Related ICAO Strategic Objective(s): (B)-Air Navigation Capacity and Efficiency

1. INTRODUCTION

1.1 On 22 April 2014, ICAO council adopted an electronic format for regional air navigation plans (eANP) published in three volumes. The structure of regional air navigation plans evolved from volumes Basic and FASID to volumes I and II. Volume III includes appropriate content and guidance with regard to implementation in order to complement the material contained in the ANP Volumes I and II.

1.2 The AFI Planning and Implementation Regional Group agreed on the application and the development of the AFI eANP (Doc 7474) through APIRG Conclusion 20/47 in 2017.

1.3 AFI eANP Volume I was approved on 19 August 2016 by ICAO Council. Volume I contains stable plan elements whose amendment necessitates approval by the Council such as the assignment of responsibilities to States for the provision of aerodrome and air navigation facilities and services in accordance with Article 28 of the Convention on International Civil Aviation (Doc 7300); and the current to medium term mandatory regional requirements related to aerodrome and air navigation facilities and services to be implemented by States in accordance with regional air navigation agreements and requirements specific to the region which are not covered in the ICAO Standards and Recommended Practices (SARPs) and Procedures for Air Navigation Services (PANS).

1.4 APIRG Conclusion 22/20 endorsed the current edition of AFI eANP Volume II in 2019. Volume II contains dynamic plan elements material related to the assignment of responsibilities to States

for the provision of aerodrome and air navigation facilities and services and the current to medium-term mandatory regional requirements related to aerodrome and air navigation facilities and services to be implemented by States in accordance with regional air navigation agreements.

1.5 APIRG Conclusion 26/19 endorsed the current edition of AFI eANP Volume III in 2023. The AFI eANP Volume III contains dynamic/flexible plan elements providing implementation planning guidance for air navigation systems and their modernization taking into consideration emerging programmes such as the ICAO Aviation System Block Upgrades (ASBUs) and associated technology roadmaps described in the Global Air Navigation Plan (GANP) (Doc 9750).

1.6 The AFI eANP Volume III also includes appropriate additional guidance, particularly with regard to implementation, to complement the material contained in the ANP Volumes I and II. The amendment of Volume III does not require approval by the Council (approval of Part II is under the responsibility of the relevant PIRG).

1.7 The ICAO Assembly resolution 41-10 resolved as a continuing ICAO policy that Regional Plans shall be revised when it becomes apparent that they are no longer consistent with current and foreseen requirements of international civil aviation.

2. DISCUSSION

Update of AFI eANP Volume I & II

2.1 The current Volume I and II of AFI eANP contain outdated and inconsistent information which require inputs from States for a thorough update of the documents. Inconsistencies concern information such as country names, aerodrome names or characteristics, ATS routes removed or changed as well as associated significant points and the AFI SSR code allocation which is outdated considering the new SSR code management plan.

2.2 APIRG Conclusion 26/20 urged States to submit their requests to the ICAO ESAF and WACAF Regional Offices for the updating of Volumes I and II of the ANP by 28 February 2024. ICAO ESAF and WACAF Regional Offices were requested to consolidate inputs received from States and initiate the proposals for amendment of the two Volumes by 30 April 2024.

2.3 The ESAF and WACAF Regional Offices have gathered information provided by States through surveys. However, some information provided by States are inconsistent or outdated based on previous data available at the level of the Regional Offices, in particular on the FIR/SRR boundaries coordinates and the information contained in the AOP tables of AFI eANP Vol I and II (Tables AOP I.1 and AOP II.1)

2.4 States and their associated ANSPs are called on to confirm or submit amended information pertaining to FIR/SRR boundaries and information contained in the AOP tables to enable the finalization of the amendment of the AFI eANP Volume I.

2.5 Update of the ATS routes in ANP Volume II requires more regional coordination as the list of routes include regional ATS routes. The AFI Airspace Optimization project team is currently working on the review of the regional ATS routes network. It is expected that the results of the review of ATS routes network will be coordinated with the States for validation before its integration into the eANP volume II.

Update of AOP elements of AFI eANP Volume III

2.6 The Regional Offices conducted the update of the ANP volume III based on information collected from States on the status of implementation of ASBU elements applicable to the AFI Region. It was noted the lack of information on the status of implementation on many ASBU elements specifically ASBU modules B0-ACDM, B1-ACAS, B0-APTA, B0-FRTO, B1-APTA, B0-SNET and B1-GADS.

2.7 It was observed that some key elements in the operational threads such as ACDM-B0/1, APTA-B1/1 (PBN Approach-advanced capabilities), APTA-B1/2 (PBN SID-STAR, Advanced capabilities), APTA-B1/4 (CDO-Advanced), APTA-B1/5 (CCO-Advanced), FRTO-B0/6 (PBN Helicopter Point In Space (PINS) Operations) have no or incomplete input. States should provide complete information on these critical elements for an accurate reporting of the implementation status in the region.

2.8 The draft proposal for amendment of AFI eANP Volumes I and II, Part IV are provided as Attachment A and B to this paper, respectively.

2.9 The proposed updates of the Volume III is provided as Attachment C to the paper.

2.10 A synthesis of the inconsistent data included in the AOP tables is provided as Appendix A to this working paper. The current published editions of the AFI eANP volume I and II are provided in Appendix B and Appendix C respectively.

3. ACTION BY THE MEETING

The meeting is invited to:

- a) Take note of the information provided in this working paper;
- b) Urge States to provide updates as necessary on the information contained in the AOP tables of AFI e ANP Volume I and Volume II by 31 August 2025.
- c) Urge States to provide feedback on the proposed update of FIR/SRR boundaries information in the AFI eANP Vol. I as well as the RCC/RSC details updated in eANP Volume II before 31 August 2025 considered as the ultimate delay for submission.
- d) Provide any other information as appropriate.
