



ICAO

International Civil Aviation Organization  
African Flight Procedure Programme

**9th Meeting of the African Flight Procedure Programme Steering Committee**  
(Lomé, Togo, 23 to 25 October 2023)

**Agenda Item 3: Review of the implementation status of the Programme**  
**Working Paper 3.4: PBN implementation status**

(Presented by the Secretariat)

**EXECUTIVE SUMMARY**

This working paper presents the PBN implementation status in the AFI Region. As a reminder, the ICAO target for full PBN implementation was 2016.

However, some African States have still not started their activities.

**Action by the meeting is indicated in section 3.**

**REFERENCES**

ICAO Assembly Resolution A37-11  
AFPP Programme Document

**1. INTRODUCTION**

- 1.1 The main objective of the African Flight Procedure Programme (AFPP) is to assist member States in implementing the emerging performance-based navigation (PBN) to meet their commitments under the Assembly Resolution A37-11 for PBN implementation and their obligations for the quality of their Instrument Flight Procedures.
- 1.2 This is done through provision of capacity building activities, direct assistance, and access to instrument flight Procedure (IFP) automation solutions. The capacity building activities include trainings in all PANS-OPS related domains while direct assistance deals with provision of tailored training and flight procedure design and charting.
- 1.3 The ICAO requirements on PBN starts with the issuance of a national PBN implementation plan (NPIP) followed by the implementation of PBN flight procedures. Flight procedures are designed for all phases of flight: en-route, arrival, departure, and approach.
- 1.4 This paper reports on the implementation status PBN implementation in the AFI Region. It details the progress made by the Region as a result of the AFPP contribution.



ICAO

## International Civil Aviation Organization

### African Flight Procedure Programme

## 2. DISCUSSION

- 2.1 ICAO Assembly Resolution A37-11 called Member States to complete as a matter of urgency a PBN implementation plan to achieve implementation of PBN routes, arrival, departure and approaches procedures with or without vertical guidance (APV baro-VNAV and/or augmented GNSS) by 2016 and instructed ICAO to develop a coordinated action plan to assist States thereto.
- 2.2 Seven years after the set deadline for the effective implementation of the concept, the implementation status in the AFI Region is presented in Appendix 3.4/1.
- 2.3 Compared to the previous years, the implementation rate has decreased in 2023, mainly due to the suspension of flight procedures in some States following USOAP CMA audits. Proactive actions and better use of AFPP can assist avoiding these situations.

## 3. ACTION BY THE MEETING

- 3.1 The Steering Committee is invited to:
  - a) take note of the information provided in this paper;
  - b) advise States and ANSPs to comply with the WGS-84 surveys and the revision of their instrument flight procedures requirements; and
  - c) take note of the AFPP availability to support them in all identified PANS-OPS related activities.