



International Civil Aviation Organization  
African Flight Procedure Programme

**Eighth Meeting of the African Flight Procedure Programme Steering Committee**  
(Dar Es Salam, 23 - 24 August 2022)

**Agenda item 6: Presentation of the AFPP Programme Document for Phase III**  
**6.3: Review of the 2022 – 2023 work programme Attachment A**

(Presented by the Secretariat)

**1. AFRICAN FPP OBJECTIVES FOR 2022 – 2023**

1.1 As highlighted in working paper 6.4, the work programme is tailored to meet the set objectives of the Project, address the needs of the members and tackle emerging deficiencies. The proposed programme is divided into three parts:

- Trainings and workshops;
- Flight procedure design projects; and
- Other assistance activities.

**1.2 Training and workshops**

1.2.1 Based on the ICAO SARPs and technical guidance material, the courses and workshops aim to support participating members in developing their PANS-OPS or PANS-OPS related areas by providing fundamental knowledge in these domains. The instruction consists of lecturing, exercises, progress tests and examinations for the trainings, case studies for the workshops.

1.2.2 The cost of these activities may be supported by AFPP funds, ICAO or jointly by participating members and the AFPP (cost sharing).

1.2.3 A full airspace design workshop encompassing the entire spectrum of the airspace design (flexible use of airspace (FUA), Free route airspace, parallel routing, CCO/CDO) is proposed. This activity is costly because outsourced and therefore request involvement many actors for the funding.

#### 1.2.4 Proposed trainings and workshops for 2022 – 2023

#	Activity	Period	Duration (days)	Venue	Facilitator (s)	Target	Funding
01	Flight procedure design initial training	October 22	20	Dakar	AFPP	Designers	AFPP
02	AFPP awareness training for ATC	December 22	5	Harare	AFPP	ATM/ATC	Cost sharing
03	PANS-OPS refresher training	February 23	10	Entebbe	AFPP	IFP and airspace Designers, PANS-OPS inspectors	Cost sharing
04	PBN flight procedure design training	April 23	20	Dakar	AFPP	IFP designers	AFPP
05	PBN airspace design workshop	May 23	8	Abidjan, Kinshasha	Outsourced	AFPP and airspace Designers,	Cost sharing
06	PANS-OPS training for CAA	July 23	10 or 20	Windhoek	AFPP	PANS-OPS inspectors	Cost sharing
07	PANS-OPS oversight workshop	September 23	5	Dakar or Nairobi	ICAO, AFPP	PANS-OPS inspectors, executives	ICAO
08	National PBN implementation plan workshop	November 23	5	Nairobi	ICAO, AFPP	Airspace designers,	ICAO
09	On the Job Training	-	20	On-site or Dakar	AFPP	Designers	Cost sharing

### 1.3 Flight procedure design projects

1.3.1 As the AFPP is a non-profit programme, the flight procedure design projects are based on cost-recovery; the main objective is to assist participating members with insufficient flight procedure design capability in meeting their commitments under ICAO Resolution A37-11 for Performance-Based Navigation (PBN) and their obligations with regards to the quality of their instrument flight procedures (IFPs). Additionally, for these members, all types of flight procedures may be concerned (visual approach, conventional flight procedures, CCO/CDO, etc.). The work is done using a pool of experts seconded to the Programme. A full pack is generally proposed:

- Design;
- Awareness training for ATM personnel, including Quality assurance training;
- Assistance for safety assessment, regulatory approval and publication.

1.3.2 The list of the ongoing projects provided in the table below does not prevent the processing of new requests emanating from participating members. It gives live on-the-job training opportunity for the designers who have been trained theoretically to be involved in and gain experience and confidence.

#	Project name	Site	# Experts	Status	Comments
	Belabo and Dompta FPD project	Belabo, Dompta (Cameroon)	3	Ongoing	Just started
	Conakry local chart design	Conakry (Guinea)	3	Ongoing	
	Banjul FPD project	Banjul FPD project	3	Completed	Assistance for safety assessment and publication
	Roberts PBN FPD project	Roberts, Liberia	3	Ongoing	Pending for WGS-84 survey
	Roberts conventional FPD project	Roberts, Liberia	2	Not started	On discussion
	Eswatini FPD Project	Matshapha & Sikhuphe, Eswatini	1	Ongoing	Delayed cause of civil unrest
	Sao Tome PBN FPD project	Sao Tome, S. T & Principe	2	Ongoing	Just started

#### 1.4 **Other assistance activities**

1.4.1 Assistance can be provided on request to participating members in various areas; the cost for such activities is supported by the requesting member. The covered areas include, but are not limited to:

- National PBN implementation plan definition or updating;
- Airspace restructuring;
- Specific PANS-OPS related training;
- Flight procedure regulatory approval;
- Quality assurance;
- Implementation of CCO/CDO;
- Assistance for the resolution of PANS-OPS related significant safety concerns (SSCs);
- Etc.

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