



*International Civil Aviation Organization*

**MID Region Flight Procedure Programme Steering Committee**

**Fifth Meeting (MID FPP SC/5)**  
*(Doha, Qatar, 14 December 2023)*

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**Agenda Item 2: MID FPP Achievements and Activity status report**

**MID FPP ACHIEVEMENTS AND ACTIVITY REPORT 2023**

*(Presented by the MID FPP Manager)*

**SUMMARY**

This paper presents the MID FPP accomplishments and activities during the Year II (2023) of the Programme.

Action by the meeting is at paragraph 3.

**REFERENCES**

- Report of the Third Meeting of the MID Region Flight Procedure Programme Steering Committee (MID FPP SC/3)
- Summary of Discussion (SoD) - Fourth Meeting of the MID Region Flight Procedure Programme Steering Committee (MID FPP SC/4)

**1. INTRODUCTION**

1.1 The MID Flight Procedure Programme (MID FPP) is established to support States at national level in meeting their obligations related to PANS-OPS and in particular for the implementation of Performance Based Navigation - PBN (regulatory and service provision) through an effective resource sharing approach under an ICAO Framework.

1.2 The MID FPP is implemented on the basis of the Project Document (ProDoc) signed by the Host State (UAE) and ICAO which constitutes the Programme legal framework and to which any State may sign on for becoming a Participating State i.e., Active, User or Observer status, respectively.

1.3 The services provided by the MID FPP are listed in the ProDoc; these services are supporting the member States to overcome the challenges related to the high cost of establishing and running a PANS-OPS Office, as well as ensuring that the competency and qualification of the required PANS-OPS specialists is always maintained.

## 2. DISCUSSION

2.1 The Third meeting of the MID Region Flight Procedure Steering Committee (MID FPP SC/3) was held virtually on 25 January 2023 and has noted with appreciation the MID FPP developments, accomplishments, and activities/services during the Year I since its official start in January 2022.

2.2 The SC/3 meeting encouraged States to further continue the nomination of specialists for the Programme pool of experts to assure a suitable basis of technical support for the implementation of the MID FPP Work Plan objectives.

### **MID FPP Activities Report Y2023**

2.3 The SC/3 meeting agreed that the Work Plan Y2023 (Year II) will be focused on (1) capacity building activities and (2) provision of services based on the current capabilities/resources available within the Programme considering the contribution of Donor States and Partners.

2.4 Consequently, the Work Plan Y2023 activities have been customized to the needs of the Member States and concentrated mainly on the requests for airspace & procedure design/regulatory approval projects as well as on tailored PANS OPS and PBN training courses, respectively.

2.5 In general, the MID FPP activities (consultancy/assistance projects, workshops, and trainings) during this year have been embracing all topics contained in the Work Plan 2023 as endorsed by the MID FPP SC/3 meeting.

2.6 The MID FPP training program for 2023 has been leveraging the (already well effective) collaboration with the regional APAC and Africa FPPs respectively, the support of DGAC France/ENAC within the frame of the Technical Agreement (TA) with ICAO and the support of United ATS company as Donor organization.

2.7 Specifically, APAC FPP has offered training class seats to MID FPP States for PANS OPS module 1, module 2 and module 3 (2 weeks each/online), one (1) RNP AR workshop (one week/virtual) and one (1) GBAS/SBAS webinar (one day) with an overall participation of sixty three (63) attendees from nine (9) States (Egypt, Iran, Iraq, Jordan, Oman, Qatar, Syria, Yemen) and ICAO MID office.

2.8 Furthermore, France DGCA generously offered free seats in the ENAC Airspace Design TMA workshop in Toulouse/France (2 experts from Kuwait) and PBN Oversight course (2 weeks/virtual, one (1) participant from Iran and 1 from Yemen).

2.9 It is also noted with appreciation that the United ATS offered the training instructor for a PANS OPS initial course (6 weeks) to be delivered to Iraq.

2.10 With reference to paragraph 2.6 above, it is to be mentioned that Africa FPP kindly offered free seats for training courses e.g., PANS OPS Advanced module 2, PANS OPS for CAAs; however, there were no nominations from MID FPP States.

2.11 In order to address the needs of Participating States while complying with the ICAO Resolution A37-11 and ASBU APTA Thread/Elements, MID FPP training program has delivered a 3-course PBN training package with two-folded purpose: (1) PBN database, design and charting inter-relationship and (2) PBN Oversight and Operational Approval addressed to Regulatory inspectors.

2.12 The PBN training classes (Spring session 1 & Fall session 2) were taking place at GCAA Sheikh Zayed Air Navigation Centre (SZC) training premises and have been attended by a total of 15 participants from Jordan, Libya, UAE and United ATS, as well as from APAC FPP and Pakistan.

2.13 Regarding the Programme consultancy activity, MID FPP through its dedicated experts, is conducting routes/airspace and procedure design projects e.g., Yemen, Iraq covering end to end IFPD quality assurance steps in purview of the IFPs approval by State Authority.

2.14 In summary, the Table below is consolidating all MID FPP activities accomplished and ongoing during the Year 2023 as follows:

<b>MID FPP Activities Report 2023</b>				
<b>Service Area</b>	<b>Activity Title</b>	<b>Date/ Venue</b>	<b>Attendee/ State</b>	<b>Status</b>
<b>Training/ Workshop</b>	PANS OPS (APAC Module 1)	6-17.03.23 Virtual	Iran (1), Jordan (3) Syria (1), UAE (2)	Completed
	PANS OPS (APAC Module 2)	8-19.05.23 Mixed	Iran (1), Iraq (2), Jordan (2), Syria (1)	Completed
	PANS OPS (APAC Module 3)	4-15.09.23 Mixed	Iran (1), Jordan (1) Syria (1)	Completed
	RNP AR workshop (APAC)	24-28.07.23 Virtual	ICAO (2), Egypt (6), Iran (3), Jordan (2), Oman (1), Qatar (8), Syria (1), UAE (1), Yemen (8).	Completed
	GBAS/SBAS Webinar (APAC)	9.11.23 Virtual	ICAO (3), Qatar (7), Syria (1), UAE (4).	Completed
	PBN Oversight & OPS Approval	9-12.01.23, SZC/Abu Dhabi	Iraq (3)	Completed
	PBN Interrelationship Design- Coding- Charting/AIP - Session 1	14-17.03.23 SZC/Abu Dhabi	Libya (2), UATS (3)	Completed
	PBN Nav DB Coding – Session 1	7-10.03.23 SZC/Abu Dhabi	No nomination	Cancelled
	PBN OPS Approval - Session 1	21-24.03.23 SZC/Abu Dhabi	No nomination	Cancelled
	PBN Oversight (ENAC France)	20-30.03.23 Virtual	Iran (1), Yemen (1)	Completed
	Airspace Design TMA workshop (ENAC)	6-17.03.2023 Toulouse	Kuwait (2)	Completed
	Advanced PANS OPS Module 2 (Africa FPP)	3-28.04.23 Dakar	No nomination	Cancelled
	PANS OPS for CAA Inspectors (Africa FPP)	25.09-6.10.23 Yaoundé	No nomination	Cancelled
	Initial PANS OPS for Iraq (UATS instructor)	Dec 23 (6 weeks)	Iraq (10)	Preparation
	PBN Nav DB Coding – Session 2	24-27.10.23 SZC/Abu Dhabi	Jordan (1), UAE (2)	Completed
	PBN Interrelationship Design- Coding- Charting/AIP - Session 2	13-16.11.23 SZC/Abu Dhabi	APAC FPP (3), Pakistan (1), UAE (2)	Completed
PBN OPS Approval - Session 2	19-22.12.23	Jordan (1)	Preparation	

	PBN Airspace Design workshop	10-11.12.23, Doha	To be determined	Preparation
<b>MID FPP Activities Report 2023</b>				
Service	Activity Description			Status
<b>Project Consultancy</b>	Establishment of one (1) RNAV 5 route within Saana FIR.			Finalized
	Instrument Flight Procedures Design (IFPD) for Kirkuk International Airport (ORKK).			In progress
	Conduct Safety Activities & Support of the Regulatory Approval for existing Instrument Procedures (SID, STAR, IAPs) at Sulaymaniyah International Airport (ORSU).			In progress
	Support of the Regulatory Approval for the existing Instrument Procedures at Erbil International Airport (ORER).			In progress
	Assistance to Iraq for new routes RNAV5 Baghdad/Kuwait FIR border			Finalized
	North Baghdad FIR Routes re-alignment			In progress
<b>Institutional Framework</b>	Steering Committee SC/3: Virtual/25 Jan 23. Total of 35 participants/11 States/3 Intl Organizations.			Finalized
	Steering Committee SC/4: Virtual/18 July 23. Total 24 participants/9 States.			Finalized
	Steering Committee SC/5: Doha/14 Dec 23.			In preparation

### MID FPP Pool of Experts

2.15 The SC/3 meeting encouraged States to further continue the nomination of experts in order for the MID FPP to build an effective resource sharing basis and expertise as the key element for the Programme Work Plan and achievement of its objectives.

2.16 To date, there are nineteen (19) experts' nomination from seven (7) States and Organization as follows: Egypt (4), Iran (4), Kuwait (2), Oman (1), Sudan (3), UAE (3) and United ATS (2) covering all essential areas for PBN, namely, Procedure Designer, Instructor, Airspace Planner and OPS Approval Inspector.

### MID FPP Success Story: Achievements, Advantages

2.17 Although relatively short time in operations i.e., since SC/2 meeting (June 2022) which has approved the Programme's services charging schema, MID FPP has demonstrated that it is a viable solution to support States in regard of PANS-OPS related trainings and projects as well as in implementation assistance for Performance Based Navigation PBN regulatory and service provisions.

2.18 MID FPP is offering a broad spectrum of services i.e., initial/advanced/RNP AR/online/onsite/OJT PANS OPS courses, PBN 3-course package for database coding/design/charting/operational approval, airspace workshops as well as IFPD and Airspace & Route design projects.

2.19 In summary, the **Matrix** below is consolidating overall MID FPP activities as reflected in terms of Programme framework, solid experts' basis, courses diversity, total number of participants, total revenues and free services and number of States involved in MID FPP events since the start of its operations in Year 2022 up to date as follows:

### MID FPP Operations: Y2022 until (to date) 2023

Programme Framework	Pool of Experts	Courses Diversity	No.	Participants	Revenues (invoiced) *	Free Services (Activity: Attendees/Total Value)	Involved States/Entities
4 Active States 6 User States 1 Donor Industry 2 Donor States 5 Steering Committee	19 (7 States)	PANS OPS Initial (6-week)	2	59 (Y2022)	\$95,455 (Y2022)	PANS OPS M1: 1 pers/ \$2,000	Egypt, Iran, Iraq, Kuwait, Libya, Oman, Qatar, Sudan, UAE, Yemen, APAC FPP, APAC/Pakistan United ATS, ICAO MID
		PANS OPS modules (virtual)	5			PANS OPS M2: 1 pers/ \$2,000	
		RNP AR Workshop	1			PANS OPS M3: 1 pers/ \$2,000	
		PANS OPS OJT	1	+	\$105,439 (YTD2023) *	Airspace Design Workshop (ENAC): 1 pers/ \$2,000	
		PBN Oversight (ENAC)	2			PBN Interrelationship S1: 2/ \$4,000	
		PBN DB coding & Interrelation & OPS Approval	8	94 (YTD2023)	* Active States Voucher (not considered in above): \$18,920	PBN Interrelationship S2: 4/ \$8,000	
		Asp Design Workshop (ENAC)	1			Airspace Project FIR Sanaa: \$3,000	
		CCO/CDO Workshop (ICAO)	1				
		Airspace Consultancy Project	4				
		IFPD/Regulatory Project	4				
		GBAS/SBAS Webinar	1				
<b>TOTAL</b>	<b>19</b>	<b>PANS OPS &amp; PBN courses, Workshops, Webinar, IFPD/ASP project consultancy services</b>	<b>30</b>	<b>153</b>	<b>\$200,894</b>	<b>\$23,000</b>	<b>14</b>

\* **Note:** Revenues are reflecting only the amounts that have been invoiced by ICAO CDI Bureau (ex TCB).

**3. ACTION BY THE MEETING**

3.1 The meeting is invited to:

- a) note the MID FPP activity status report and the achievements in 2023 (Project Year II);
- b) further promote the benefits and achievements (“Success story”) of the Programme;
- c) encourage other States to continue to join the MID FPP as Active States or Donor State/organization by signing the ProDoc.

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