

ICAO MID FPP PROVISIONAL WORK PLAN 2022

MID FPP Objectives for Year 1 (2022)

The Year 1 will be an important year for the MID Region Flight Procedures Programme (MID FPP). The purpose of the Program is to provide opportunity to use the available training activities and services proposed by the Program for Participating States.

In order to propose a variety of training activities and services addressing the needs of Participating States while complying with the ICAO Resolution A37-11, ASBU APTA Thread/Elements and the Global and regional requirements, the MID FPP training program is composed of workshops, training courses and support activities. The training activities centered on PBN Implementation Plan, regulatory approval procedures and PBN OPS Approval for operators have to be considered as essential to improve or start PBN implementation in States.

On the other hand, specific projects and implementation support activities will assist Participating States to consolidate or implement the instrument flight procedures through ground validation and approval process, or other consultation services. These activities will allow the Participating States to foster the implementing of PBN flight procedures in the Region.

MID FPP Training Activities

1) PBN Implementation Workshop (5 days), [Date/Quarter 3]

Description: This PBN Implementation Workshop is intended to assist States/Administrations in developing and/or enhancing their national PBN Implementation Plans and move forward with actual PBN implementations. The Workshop will also provide updated information regarding global PBN activities and how PBN can be an enabler for enhancing ATM operations. During the workshop, the participants with assistance from MID FPP facilitators will develop a list of short-term action items aiming to develop and/or enhance their PBN Implementation Plans and advance their on-going PBN implementations and deployments. The list of action items along with relevant recommendations will then be submitted to their States Authorities.

Participants to this workshop should be representatives from all aviation stakeholders with an interest in PBN implementation.

- Facilitator: MIDFPP Manager/ Experts from DGCA France/ICAO
- Sponsorship: Industry/Stakeholders, speakers, materials, etc.
- Material: FPP programs
- Facility: Virtual
- Funding: fee

2) PBN OPS Approval Course (5 days), [Date/Quarter 3]

Description: The course is based on ICAO Doc 9997 and conducts to support States in developing their operational approval capability for approving PBN operations and air operators in obtaining PBN OPS approvals. The purpose of the course is to provide experienced flight inspectors, flight operations regulators and air operators' personnel with a comprehensive understanding of the requirements for PBN operational approval. At the end of the course, each participant will be individually assessed and the outcome of the assessment will be reported to each participant and his/her agency. The course is open to participants involved in PBN flight operations.

- Instructor: MIDFPP manager, pool of experts
- Sponsorship: NIL
- Material: FPP programs

- Facility: Virtual
- Funding:

3) ICAO PANS-OPS Instrument Procedures Design: Part I: General Criteria and Conventional Procedures, (3 Weeks), [Dates/Quarter - To be coordinated with DGAC France]

Description: The course is based on ICAO PANS-OPS criteria and aims to support States/Administrations in developing their basic procedure design capability by providing fundamental knowledge regarding procedure design criteria. This initial course is focused on the conventional flight procedures as basis for the design, the instruction consists of lecturing, exercises, progress tests and examinations.

At the end of the course, each participant will be individually assessed and the outcome of the assessment will then be reported to each participant and his/her agency.

- Instructor: DGCA France/ENAC
- Sponsorship: TBD
- Material: DGCA France/ENAC
- Facility: MIDFPP premises
- Funding:

4) ICAO PANSOPS Instrument Procedure Design Course: Part II: Arrival and Non precision Approach for PBN/Conventional procedures (3 Weeks), [Dates/Quarter - To be coordinated with DGAC France]

Description: The course aimed to support States/Administrations in developing their PBN procedure design capacity. This course is considered as the second step of a thorough training to design IFR procedure.

At the end of the course, each student will be individually assessed and the outcome of the assessment will then be reported to each student and his/her agency.

The course is open to participants who have successfully completed the first course of Instrument Procedure Design : “General Criteria...” or equivalent.

- Instructor: DGCA France/ENAC
- Sponsorship TBD
- Material: DGCA France/ENAC
- Facility: MIDFPP premises
- Funding: TBD

5) ICAO PANSOPS Instrument Procedure Design Course: Part III: Departure and Precision Approach for PBN/conventional procedures and Approach with vertical guidance (APV) procedures (18 Days), [Dates/Quarter - To be coordinated with DGAC France]

Description: The course aimed to support States/Administrations in developing their PBN procedure design capacity. This course is considered as the third step of a thorough training to design IFR procedure.

At the end of the course, each student will be individually assessed and the outcome of the assessment will then be reported to each student and his/her agency.

The course is open to participants who have successfully completed the first and second Instrument Procedure Design Course: “General Criteria “and “Arrival and Non Precision Approach for PBN/Conventional procedures” or equivalent.

- Instructor: DGCA France/ENAC
- Sponsorship TBD
- Material: DGCA France/ENAC
- Facility: MIDFPP premises
- Funding: TBD

6) CDO/CCO workshop, (2days), [Dates/Quarter 3]

Description: Continuous Climb and Descent Operations (CCOs and CDOs) are aircraft operating techniques enabled by airspace design, instrument procedure design and facilitated by air traffic control (ATC). This course is aimed at Air Traffic Controllers and Procedure Designers who would like an insider view of the flight crew perspective on continuous descent & climb operations. By the end of the course, participants should be able to:

- ✓ Explain what are CDO and CCO,
- ✓ List the benefits of CCO/CDO,
- ✓ Describe the impact of airspace/procedures design on CCO/CDO,
- ✓ Discuss and understand the advantages and disadvantages of open and closed STARs and,
- ✓ Explain how ATC can facilitate CDO/CCO.

- Instructor: Pool of experts
- Sponsorship: TBD
- Material: TBD
- Facility: Virtual/MID FPP premises
- Funding: TBD

7) Provision of assistance for the development of IFPs including Quality Assurance. [States, dates]

Description: The MID FPP would assist States for the development of instrument flight procedures with a focus on quality assurance, including the conduct of training courses or workshops for the personnel involved in the development process.

8) Provision of consultancy services

Description: The consultancy services provided by MIDFPP is intended to support a State implementing a flight procedure/ establishing new route(s) or IFPs , restructuring its national airspace or part(s) of it or any level of complexity airspace changes with a third party supplier, without having the capability to develop the project material, specifications, deliverables and communication with the supplier. The MIDFPP can service as intermediate party to interface the State requirements (based on Regional and National requirements) and can offer following, but not limited to, services:

- ✓ Support for the concept of operations for an airspace design project;
 - ✓ Drafting IFPs tender specifications/Project Documents;
 - ✓ Guidance and expertise in validating the procedure fly-ability from FMS perspective (P/T, coding tables);
 - ✓ Guidance for States on developing a regulatory framework (documents and processes) for the provision of an IFPD service.
- Funding by: States participating or Donors

