



African Flight Procedure Programme (AFPP)

REPORT ON THE 9th MEETING OF THE AFPP STEERING COMMITTEE

23 - 25 October 2023, Lome, Togo

1. VENUE, DATE AND ATTENDANCE

- 1.1 The 9th meeting of the African Flight Procedure Programme (AFPP) Steering Committee was held from 23 to 25 October 2023 at the “Hotel du 2 février” in Lome, Togo.
- 1.2 The meeting was attended by 55 participants from 23 Member States and Organizations, the host Administration, Donors, the ICAO Regional Offices and international and regional organizations. The list of participants is provided in Appendix 1.
- 1.3 The meeting was attended in-person by the Director General of the Civil Aviation Authority of Senegal (ANACIM), Mr. Sidi Gueye, the Director General of the Civil Aviation Authority of Gabon (ANAC Gabon), Mr. Eric Tristan Franck Moussavou and the Director General of the Civil Aviation Authority of Togo (ANAC Togo), Mr. Latta Dokissime Gnama.
- 1.4 In the absence of the Chairperson of the Steering Committee, Mr. Hamza S. Johary, the meeting was chaired by the Vice-Chairperson, Mr. Latta Dokissime Gnama.
- 1.5 The working languages were English and French with simultaneous interpretation. The meeting documentation was made available on the meeting website (<https://www.icao.int/WACAF/African-FPP/Pages/AFPP-SC9.aspx>).

2. OPENING OF THE MEETING

- 2.1 In the opening session, a minute of silence was observed in memory of Elhadji Ayaha Ahmed and Mr. Nassur Ben Ali, respectively Director general of the Civil Aviation Authority of Niger (ANAC Niger) and Director General of the Civil Aviation and Meteorology Authority of Comoros (ANACM) who had passed away during the year.
- 2.2 During the opening ceremony on 23 October 2023, remarks were delivered by the Vice-Chairperson, Mr. Latta Dokissime Gnama, the representative of the Director General of ASECNA, Mr. Komla Amewokpo Sumsa, the Regional Director of the ICAO Western and Central African (WACAF) Office, Mr. Prosper Zo'o Minto'o, and the Minister of Roads, Air and Rail Transport of the Togolese Republic, Mr. Affoh Atcha-Dedji.
- 2.3 The Vice-Chairperson, Mr. Latta Dokissime Gnama welcomed the participants and commended the presence of the Minister of Roads, Air and Rail Transport at this important meeting. He outlined the importance of the Programme and its positive impact on the safety of aircraft operations in the Region.

- 2.4 Speaking on behalf of the Director General of ASECNA, Mr. Komla Amewokpo SUMSA recognized the fruitful support of the Programme to Member States and Organizations and called for more financial and human resources to enable the attainment of the assigned goals. In this regard, he emphasized the role played by ASECNA not only as host administration, but also as Donor through the secondment of experts and the payment of annual contributions for its Member States since 2017.
- 2.5 Mr. Prosper Zo'o Minto'o welcomed the delegates and conveyed the greetings of the President of the ICAO Council and the Secretary General of ICAO. He extended his sincere appreciations to the Government of Togo for hosting the meeting and for the excellent facilities provided. He expressed his thanks to the Minister for attending this opening ceremony and recalled the objective of the meeting, which was to review the activities conducted in 2022-2023, approve the 2024 activities and the corresponding budget. He finally thanked the participants from States, international and regional organizations as well as industry present at the meeting.
- 2.6 The meeting was officially opened by the Minister of Roads, Air and Rail Transport, Mr. Affoh Atcha-Dedji. The Minister welcomed the participants on behalf of the government of Togo and on his own behalf. He recalled the background of the Programme and the assigned objectives and highlighted the satisfactory PBN overall implementation status in Africa. Recognizing the importance of the Programme for the safety and the efficiency of flight operations, he called the participating members for more support.
- 2.7 He further recalled the change in the AFPP governance documents approved during the last Steering Committee meeting and invited the participating members to sign the Management Service Agreement (MSA) as soon as possible.
- 2.8 He expressed his gratitude to the President of the Togolese Republic, His Excellency Mr. Faure Essozimna Gnassingbé. He concluded his address by wishing the participants a pleasant stay in Lomé and fruitful deliberations.

3. REVIEW OF THE AGENDA ITEMS

3.1 Adoption of the agenda and the work programme

3.1.1 Verification of the quorum

- 3.1.1.1 The meeting was attended by 22 Participating Members with voting rights out of the 37 (18 Active Members and four other members with voting rights). With this participation rate of 59.5 per cent, the meeting was declared valid since the minimum quorum is 33 per cent of the participating members with voting rights, as stipulated in the project document (Section 5 - Institutional Framework, §5.1- Conduct of the Steering Committee meeting).

3.1.2 Adoption of the agenda and work programme

3.1.2.1 The Steering Committee reviewed, and adopted the agenda and work programme as respectively per Appendices 2 and 3.

3.2 Review of the SC/8 deliberations

3.2.1 Review of the status of the decisions of SC/8

3.2.1.1 The Secretariat presented the implementation status of the 10 decisions taken during the last Steering Committee meeting (SC/8).

3.2.1.2 The meeting noted that eight decisions were fully implemented while three were still pending, establishing an implementation rate of 80 per cent.

3.2.1.3 The two pending decisions are related to the organization of a PANS-OPS oversight workshop to reverse the trend towards an increasing number of safety significant concerns (SSCs) and the signature of the Management Service Agreement (MSA) by the participating members. The meeting requested the postponement of the PANS-OPS oversight workshop due to the 2023 last semester workload. The meeting invited members who are yet to sign the MSA to expedite the signature.

3.2.1.4 Refer to Appendix 4 for more details.

3.2.1.5 The meeting also reviewed and approved the report of SC/8 meeting through the following decision.

SC/9-Dec01: The report of the SC/8 meeting is approved.

3.2.2 Review of the 2022-2023 work programme implementation status

3.2.2.1 The meeting was presented the implementation status of the 2022-2023 work programme and noted difficulties faced by the Programme, mainly due to insufficient PANS-OPS instructors and qualified senior flight procedure designers. The meeting encouraged participating members to release such personnel. However, since there is a substantial shortage of qualified individuals for these positions, AFPP was requested to organize a PANS-OPS flight procedure instructor training course for new instructors and thus alleviate the workload of the current ones.

3.3 Review of the implementation status of the programme

3.3.1 Project personnel

3.3.1.1 The Secretariat presented the status of the activities related to the project staff positions as per the table below:

Position	Observations and comments
AFPP Manager	The incumbent has been on duty 8 October 2018.
Administrative Assistant	The position could not be filled as planned due to: a) The initial lack of funds; and

Position	Observations and comments
	<p>b) The impact of the COVID-19 pandemic on operational activities and related needs.</p> <p>The position was advertised twice between 29 June and 29 September 2023. The extended duration and repeated advertisement are due to the lack of applications from suitably qualified candidates who meet the eligibility criteria.</p> <p>As of 15 October 2023, 10 applications were received, one from a Senegalese national and the others from citizens of African and non-African countries, all with insufficient language skills. The applications are being reviewed.</p>
Flight Procedure Design Consultant 1	<p>The position could not be filled as planned due to:</p> <p>a) the initial lack of funds; and</p> <p>b) the impact of the COVID-19 pandemic on operational activities and related needs.</p>
Flight Procedure Design Consultant 2	<p>Same as for Flight Procedure Design Consultant 1</p>
Information Technology (IT) Assistant	<p>The position could not be filled as planned due to:</p> <p>a) the initial lack of funds; and</p> <p>b) the impact of the COVID-19 pandemic on operational activities and related needs.</p> <p>The position was advertised twice between 29 June and 29 September 2023. The extended duration and repeated advertisement are due to the lack of applications from suitably qualified candidates who meet the eligibility criteria.</p> <p>As of 15 October 2023, 8 applications were received, two from candidates from other African countries who already live at the duty station, one from an ECOWAS citizen and two from non-African countries (Lebanon, Canada) with sufficient language skills, and three from other African and non-African candidates with insufficient language skills. The applications are being reviewed.</p>

3.3.1.2 The meeting took note of the presented status.

3.3.2 Status of the AFPP Membership

3.3.2.1 The Secretariat recalled the membership, the corresponding voting rights and obligations and presented the status of the AFPP membership. As of 23 October 2023, in line with decisions SC/7-Dec14 and SC/8-Dec03, eight members with more than 3 years arrears as of 31 December 2022 lost their status of Active Members. Five other Active Members will also lose their status if their arrears are not cleared at least partially, so as to stay below the threshold of three years, by the end of 2023.

3.3.2.2 The meeting recalled that the status of active member can be recovered by reducing the arrears in annual membership fees below the threshold of three years and encouraged members to include the annual contributions in their budget. The meeting also recalled that the Programme users cannot benefit from the privileges granted to the active members such as free participation to the trainings and workshops organized by the Programme and discounted rate for the direct assistances.

3.3.2.3 The meeting noted that no new application to join the Programme was received by the project since SC/8. However, Zambia has expressed interest to join the AFPP with effect from 1 January 2024.

3.3.2.4 The meeting was also informed that the revised Management Service Agreement (MSA) was signed by the host administration. As per SC/8-Dec07, States and Organizations were requested to sign the new MSA to formally confirm their membership in the AFPP. The meeting requested AFPP to take the opportunity of the next coming 26th meeting of the Africa-Indian Ocean (AFI) Planning and Implementation Regional Group (APIRG) to get the signatures as more Directors general will attend it.

3.3.2.5 No decision was taken under this agenda item.

3.3.3 **Review of the approved budget**

3.3.3.1 The project budget which was approved during the 8th meeting of the Steering Committee was not fully implemented for the years 2022 and 2023. The differences between the budget and the actuals are mainly due to the delayed deployment of project staff and related savings in mission travel.

3.3.3.2 As the contributions received since SC/8 are about \$130,000 higher than the expenditures, the fund balanced increased to about \$473,000 as of 30 June 2023.

3.3.3.3 The Steering Committee noted the presented information.

3.3.4 **PBN implementation status in the AFI Region**

3.3.4.1 The Secretariat presented the implementation status of the Performance-based Navigation (PBN) in the AFI Region as of 23 October 2023.

3.3.4.2 The NPIP¹ implementation rate is 81 per cent (39 out of 48 ESAF and WACAF States). Regarding the PBN flight procedures, the implementation rates in the AFI Region is presented below:

- a) 76.1 per cent for RNP APCH;
- b) 56.3 per cent for APV baro-VNAV²;
- c) 37.7 per cent for SIDs³;
- d) 50.2 per cent for STARS⁴;
- e) 12.1 per cent for CCOs⁵; and
- f) 12.1 per cent for CDOs⁶.

3.3.4.3 The report showed a reduction in the implementation rate mainly due to the suspension of instrument flight procedures following the ICAO USOAP CMA audits and/or consistency of the information on international airports in the AFI eANP.

3.3.4.4 The meeting noted that despite the ICAO target date of 2016 for the full PBN implementation in the Region, some States have not yet issued the National PBN Implementation Plans (NPIP).

¹ National PBN Implementation Plan

² Approach procedure with vertical guidance

³ SIDs: Standard instrument Departure routes

⁴ STARS: Standard Instrument arrival routes

⁵ CCOs: continuous Climb Operations

⁶ CDOs: continuous Descent Operations

3.3.4.5 The meeting pointed out WGS-84 periodic surveys, Navaid periodic calibrations, PBN flight procedures' flight evaluation and instrument flight procedure periodic maintenance as the root causes of these shortcomings and encouraged States and ANSPs to plan, budget and ensure appropriate maintenance (including revision, calibration and WGS-84) of their Nav aids and instrument flight procedures. This will avoid waste of resources in the implementation of corrective action plans related to the USOAP CMA Safety Significant Concerns. To address issues related to the flight procedure maintenance and approval, members were also invited to take advantage of the AFPP and build in-house capability not only for the instrument flight procedure design domain, but also for the PANS-OPS oversight.

3.3.4.6 The meeting noted that some of the concerned States are lacking financial resources to pay their contributions and agreed on the following:

SC/9-Dec02: In line with decisions SC/7-Dec01, ICAO to consider resource mobilization to support the concerned States with PBN implementation (e.g. Burundi, Zimbabwe).

3.3.5 Flight procedure design projects implementation status

3.3.5.1 The Secretariat presented the implementation status of the flight procedure design projects being conducted by the Programme. Seven projects were involved, including designs for nine aerodromes in seven States. The concerned States were Cabo Verde, Eswatini, the Gambia, Liberia, Sao Tome and Principe, Niger and Cameroon. The relevant aerodromes were Sal, Praia, King Mswati III, Robertsfield, Sao Tome, Arlit, Belabo and Dompta.

3.3.5.2 The meeting noted that the designs were fully completed for almost all of them, except the design in Eswatini, but none of them was published. Six were pending for regulatory approval which is part of States' responsibilities; and five (Eswatini, Gambia, Sao Tome and Principe, Niger and Cameroon) were still pending for full settlement. The flight procedure design projects implementation status is provided in appendix 5.

3.3.5.3 The meeting raised concerns regarding the non-settlement of the projects upon their completion that can affect the normal operation of the Programme took the following decision:

SC/9-Dec03: In order to reduce the impact of late or non-payment for flight procedure design projects, ICAO shall issue invoices as follows (the percentages can be adapted based on the requirements/constraints of the individual States or organizations):

- a) 70 per cent of the total amount as advance payment prior to the start of the activities;
- b) 20 per cent upon completion of the safety studies; and
- c) 10 per cent at the delivery of the technical report.

3.3.6 Review of the project members' commitments

3.3.6.1 The Secretariat recalled the Project Membership and presented their respective commitments as evidenced respectively in the Programme Document, the Management Service Agreement and the Letter of intent.

3.3.6.2 As per the Letter of intent and the Programme document, ASECNA committed to release a PANS-OPS expert and provide inter alia premises suitably equipped with IT equipment and software, charting software, internet, telephone with access international calls and a car.

3.3.6.3 The meeting noted that if most of the commitments were implemented, some were still pending: the charting software, the vehicle and the drawing tables are still awaited, and the building is facing maintenance issues. Since more than one year there is no more telephone, Wi-Fi and internet. The Representative of the Director General of ASECNA noted the information and informed the meeting that actions were taken to address them.

3.3.6.4 Regarding the relationships between the Programme and individual members, the Secretariat recalled that during the sixth meeting of the AFPP Steering Committee held virtually on 3 September 2020, Kenya Civil Aviation Authority offered to donate one license of an aeronautical charting software to the Programme and requested TCB to submit to KCAA a po-forma invoice (SC/6-Dec06). However, the discussions with the software provider are still pending.

3.3.6.5 Kenya maintained its intention to provide funding for the procurement of aeronautical charting software upon submission of the corresponding invoice by ICAO.

3.3.7 **PANS-OPS challenges in the AFI region**

3.3.7.1 The Secretariat presented the challenges faced in the PANS-OPS domain in the AFI region by both regulators and ANSPs. These challenges include:

- d) Insufficient trainings;
- e) Lack of effective regulation;
- f) Lack of oversight;
- g) High staff turnover due to insufficient compensation of technical staff; and
- h) Lack of automated charting software.

3.3.7.2 The meeting therefore formulated the following decisions:

SC/9-Dec04: ICAO shall create and maintain a pool of qualified senior PANS-OPS inspectors who can be seconded to the AFPP by their administrations upon request, in order to assist other States with related safety oversight activities. States and organizations are invited to submit to ICAO nominations of qualified staff to be included in the pool of PANS-OPS inspectors.

SC/9-Dec05: ICAO is authorized to procure PANS-OPS charting software with project funds.

3.4 **Presentation of working papers and information papers by stakeholders**

3.4.1 Under this agenda item, only one working paper was presented on the PANS-OPS instructors training course by Kenya.

3.4.2 Kenya Civil Aviation Authority (KCAA) recalled the efforts made by the Programme in the field of the capacity building and noted that since its inception in June 2014, no PANS-OPS instructor training was organized, reason why this profile is missing. They added that the instructors' shortage has put continued strain in the AFPP with lack of sufficient alternatives to address numerous individual State and Organizations.

3.4.3 The meeting recognized the relevance of the presented information and took the following decision.

SC/9-Dec06: In order to address the lack of qualified PANS-OPS flight procedure design training instructors, ICAO shall coordinate with training centers for the release of a psycho-pedagogue to co-facilitate the training with the AFPP flight procedure design instructors.

3.5 Review of the 2024 Work Programme

3.5.1 Review of the 2024 Work Programme

3.5.1.1 The Secretariat presented the planned activities for 2024. The work programme was designed in line with the assigned Programme objectives as well as to address the challenges faced by the Region and respond to the request from the participating members. The work programme includes:

- a) Seven trainings and workshops on flight procedure design, PANS-OPS oversight, quality assurance, airspace design and NPIPs;
- b) Confirmed additional activities for five flight procedure design projects to assist with approval, publication and validation of flight procedures; and
- c) Three expected new flight procedure design projects.

3.5.1.2 The meeting took noted that States/Organizations can request additional trainings as needed during the year.

3.5.1.3 The meeting furthermore noted the offer of Cameroon to host a full PANS-OPS flight procedure design training course and requested AFPP to take this offer into consideration for the planning of future courses.

3.5.1.4 The following decision was taken:

SC/9-Dec07: The 2024 Work Programme is approved as presented and amended during the meeting (see Appendix 6).

3.5.2 Project personnel

3.5.2.1 Based on the current status of the recruitment activities and the revised work programme, the Secretariat presented the updated schedule of activities related to project personnel as per the table below.

Position	Description
AFPP Manager	The incumbent's current contract expires on 31 January 2024. Based on SC/7-Dec08, the contract will be extended until the scheduled end date of Phase III on 31 July 2025, subject to the conditions mentioned in section Erreur ! Source du renvoi introuvable. Erreur ! Source du renvoi introuvable.
Administrative Assistant	The recruitment process is ongoing (see SC9/23-WP3.1). Given the remaining steps to be carried out ⁷ and the holiday period at the end of the year, it is anticipated that the selected candidate will report for duty on 1 February 2024.
Flight Procedure Design Consultant 1 and Flight Procedure Design Consultant 2	The consultants will be recruited as needed based on the proposals of ASECNA and the Tanzania Civil Aviation Authority (TCAA) (cf. ESC7/22-WP4.2). The indicated assignment dates are tentative based on an equal distribution of the overall working days for three flight procedure

⁷ Review of the CVs, ranking, conduct of interviews, final selection, issuance of contract.

		design projects for each of the consultants until the end of Phase III. The specific assignment dates will be determined by the AFPP Manager.
Information Technology Assistant	(IT)	Same as for Administrative Assistant.

3.5.2.2 Based on the presentation, the Steering Committee took the following decisions:

SC/9-Dec08: The Administrative Assistant shall be appointed with effect from 1 February 2024 until the scheduled end date of Phase III on 31 July 2025.

SC/9-Dec09: The two flight procedure design consultants shall be appointed for three assignments each between SC/9 (25 October 2023) and the scheduled end date of Phase III on 31 July 2025.

SC/9-Dec10: The Information Technology (IT) assistant shall be appointed with effect from 1 February 2024 until the scheduled end date of Phase III on 31 July 2025.

3.5.3 Revised 2024 budget

3.5.3.1 The Secretariat presented the budget for the remaining period of Phase III. The key figures are the following:

- a) the overall budget amount for the AFPP is approximately \$2.9 million;
- b) the amount for the period from January 2023 until the end of Phase III in 2025 is about \$1.1 million; and
- c) additional contributions of \$340,000 are required until the end of Phase III.

3.5.3.2 Details were provided in the working paper.

3.5.3.3 The Steering Committee urged the Active Members to settle their arrears in annual membership fees.

3.5.3.4 The Steering Committee took the following decision.

SC/9-Dec11: The budget is approved as presented (see Appendix 7).

3.6 Review of the decisions of the meeting

3.6.1 The meeting reviewed and approved the draft decisions presented by the Secretariat. The draft decisions will be captured in the final report of the meeting

3.7 Venue and date for the next SC meeting (SC/10)

3.7.1 The meeting took note of the offer from Namibia to host the next Steering Committee meeting and requested ICAO to coordinate with the State on the date.

3.8 Any Other Business

3.8.1 None

4. CLOSING SESSION OF THE MEETING

- 4.1 The closing session started with a vote of thanks delivered by Mr. Richard Ruhesi, Director ANS of Uganda, on behalf of the participants. He first expressed his sincere gratitude to the host of the event, the Government and people of the Togolese Republic for the warm welcome and the kind hospitality in Lomé. He also thanked the Civil Aviation Authority (ANAC) of Togo for the excellent facilities provided for the meeting, which enabled fruitful deliberations and allowed for a pleasant stay in Lomé. He thanked the Director general of ANAC Togo, Mr. Latta, and Mr. Affoh Atcha-Dedji, Minister of Roads, Air and Rail Transport, for their leadership.
- 4.2 He further congratulated the ICAO Team, in particular the Regional Director of the WACAF Office, Mr. Prosper Zo'o Minto'o and the Regional Officer, Technical Assistance and Air Transport, Mr. Christian Bechtold who availed themselves for the meeting to share their technical expertise and guidance. He extended the thanks to the AFPP management for the dedication and professionalism which made the AFPP upright.
- 4.3 Mr. Ruhesi thanked ASECNA for the continued support to the AFPP as host administration and commended the hotel le 2 Février and the organizing committee for the meals and the entertainments enjoyed during the three days stay.
- 4.4 Mr. Zo'o Minto'o, Regional Director of ICAO WACAF Office, thanked the Togolese Republic for the hospitality and outlined the dedication of the country for all initiative geared on improving air navigation safety. He called on the AFPP beneficiaries to provide more resources to the Programme to meet the expectations of all stakeholders. He commended the participants for the quality of the discussions and the decisions taken to address the issues. He congratulated the Chairperson and the organizing committee for the time management and thanked the Directors general who participated in-person to the meeting. He also called for more involvement of Directors general in future meetings for the sake of the relevance of their decisions.
- 4.5 Mr. Zo'o Minto'o also noted with thanks the offer of some States to support approved work programme activities and commended Namibia for accepting to host the next steering committee meeting.
- 4.6 He renewed his thanks to the Togolese Republic for hosting the event, and to Mr. Latta for his leadership and his continued support. He finally wished all participants a safe journey back home.
- 4.7 The meeting was officially closed by Mr. Latta Dokisime Latta on behalf of the Minister of Roads, Air and Rail Transport. In his address, he highlighted the outcomes of the meeting and the quality of the participants' contributions. He congratulated the secretariat and the ICAO Regional Director for the good job done upstream, ASECNA and the donors for the strong support, as well as the organizing committee. He thanked all participants and wished them a safe trip back to their respective countries.

**APPENDIX 1
LIST OF PARTICIPANTS**

#	State/org.	Name	Job title/address	E-mail	Participation
1.	AAMAC	Seton Serge Hodonou	Training Manager Autorités Africaines et Malgaches de l'Aviation Civile N'Djaména, Tchad	serge.hodonou@aamac.aero	In-person
2.	AFCAC	James Danga	Safety Expert African Civil Aviation Commission (AFCAC – CAFAC) Leopold Sedar Senghor International Airport Road Route de l'aéroport Léopold Sédar Senghor B.P 8898 Dakar, Sénégal	jdanga@afcac.org	Virtual
3.	AFCAC	Henry Okech	Leopold Sedar Senghor International Airport Road Route de l'aéroport Léopold Sedar Senghor B.P 8898 Dakar, Sénégal	secretariat@afcac.org	Virtual
4.	ASECNA	Komla Amewokpo Sumsa	Représentant de l'ASECNA au Togo Director General ASECNA	sumsakomlaame@asecna.org	In-person
5.	Benin	Firmin Hounsa	Directeur des Aérodromes et de la Navigation Aérienne Agence Nationale de l'Aviation Civile 01 BP 305, Cotonou	houfset9@gmail.com	?
6.	Burkina Faso	Adama Zongo	Directeur des aérodromes, de la navigation aérienne et de la sûreté Agence Nationale de l'Aviation Civile 01 BP 1158, Ouagadougou 01	azongo8@gmail.com	In-person
7.	Cameroon	Gilbert Kamto	Directeur de l'exploitation et des commandements des aéroports Autorité Aéronautique B.P. 6998, Yaoundé	gilbert.kamto@ccaa.aero	In-person
8.	Cameroon	Tanguy Francis Njock	Chef service Trafic Aérien, Inspecteur ATS/PANS-OPS/SAR Autorité Aéronautique B.P. 6998, Yaoundé	tanguy.njock@ccaa.aero	In-person
9.	Chad	Ali Oumar Seid	Directeur Général Adjoint Autorité De l'Aviation Civile B.P. 436 N'Djaména	Alioumar01@gmail.com	In-person

#	State/org.	Name	Job title/address	E-mail	Participation
10.	Chad	Mahamat Nour Djikini	Inspecteur ANS Autorité de l'Aviation Civile B.P. 436 N'Djaména	mhtdjikini@gmail.com	Virtual
11.	Côte d'Ivoire	Ayebi Henri Jaques Assi	Directeur de la Sécurité Aérienne et des Aéroports Agence Nationale de l'Aviation Civile 07 BP 148, Abidjan 07	assiayebi@anac.ci	In-person
12.	Eswatini	Knowledge Dlamini	ANS/PANS-OPS inspector Eswatini Civil Aviation Authority P O Box D361, The Gables, Mbabane	knowledge@eswacaa.co.sz	Virtual
13.	Eswatini	Vincent Gama	Eswatini Civil Aviation Authority P O Box D361, The Gables, Mbabane	knowledge@eswacaa.co.sz	Virtual
14.	Eswatini	Victor Hlatshwayo	Eswatini Civil Aviation Authority P O Box D361, The Gables, Mbabane	victorh@eswacaa.co.sz	Virtual
15.	Gabon	Gildas Bounghagan	Chef Bureau ATS Inspecteur ANS Agence Nationale de l'Aviation Civile BP 2212, Libreville	gildas.boungaghan@anac-gabon.com	In-person
16.	Gabon	Eric Tristan Franck Moussavou	Directeur Général Agence Nationale de l'Aviation Civile BP 2212, Libreville	moussavoueric@yahoo.fr	In-person
17.	Gabon	Toussaint Mvola Ndong	Directeur de la Navigation Aérienne Agence Nationale de l'Aviation Civile	mvolandongtoussaint@gmail.com	In-person
18.	Ghana	David Akuamah Boateng	Acting DDATS Ghana Civil Aviation Authority Kotoka International Airport, Accra	daboateng@caa.com.gh	Virtual
19.	ICAO	Keziah Ogotu	Regional Expert ATM ICAO Eastern and Southern African R.O. United Nation Avenue, Gigiri NOF PO Box 46294, 0100 GPO, Nairobi	kogutu@icao.int	Virtual
20.	ICAO	Alexandre Damiba	Programme Manager African Flight Procedure Programme ICAO Western and Central African R.O. BP 38050, Aéroport Léopold Sédar Senghor, Dakar	adamiba@icao.int	In-person

#	State/org.	Name	Job title/address	E-mail	Participation
21.	ICAO	Christian Bechtold	Regional Expert AT/TA ICAO Western and Central African R.O. BP 38050, Aéroport Léopold Sédar Senghor, Dakar	cbechtold@icao.int	In-person
22.	ICAO	Goama Ilboudo	Regional Expert AT/TA ICAO Western and Central African R.O. BP 38050, Aéroport Léopold Sédar Senghor, Dakar	gilboudo@icao.int	Virtual
23.	ICAO	Lamin Jammeh Kebba	Regional Expert AT/TA ICAO Western and Central African R.O. BP 38050, Aéroport Léopold Sédar Senghor, Dakar	kjammeh@icao.int	Virtual
24.	ICAO	Wacaf Live (Ngh Corp)	ICAO Western and Central African R.O. BP 38050, Aéroport Léopold Sédar Senghor, Dakar	fepik94@gmail.com	Virtual
25.	ICAO	Wacaf Live (Ngh Corp)	ICAO Western and Central African R.O. BP 38050, Aéroport Léopold Sédar Senghor, Dakar	meeting@nghcorp.info	Virtual
26.	ICAO	Prosper Zo'o Minto'o	Regional Director WACAF ICAO Western and Central African Regional Office BP 38050, Aéroport Léopold Sédar Senghor, Dakar	Pzoomintoo@icao.int	In-person
27.	Kenya	Ashford Kinyua	Flight Procedure Designer Kenya Civil Aviation Authority P.O. Box 30163 - 00100, Nairobi	akinyua@kcaa.or.ke	In-person
28.	Kenya	Isaac Orwa Ojwang	Chief ATCO, airspace planner Kenya Civil Aviation Authority P.O. Box 30163 - 00100, Nairobi	iojwang@kcaa.or.ke	In-person
29.	Mali	Mohamed Hamadi Diallo	Directeur de la Sécurité Aérienne Agence Nationale de l'Aviation Civile BP 227, Bamako	mhdiallo@yahoo.fr	In-person
30.	Mauritania	Abdel Feta Sidi Abderrahmane	Directeur de la Sécurité de la Navigation Aérienne Agence Nationale de l'Aviation Civile BP 91, Nouakchott, Mauritanie	vetahe@gmail.com	In-person
31.	Namibia	Ericsson Nengola	General Manager, Safety Namibia Civil Aviation Authority	nengolae@ncaa.na	Virtual
32.	Nigeria	Osazuwa Ighodaro	Procedure Designer Nigeria Civil Aviation Authority Nnamdi A. International Airport, Abuja	Noszuwa@yahoo.com	Virtual

#	State/org.	Name	Job title/address	E-mail	Participation
33.	Nigeria	Samson Akpore	Deputy General Manager, Airspace Planning Nigeria Civil Aviation Authority Nnamdi A. International Airport, Abuja	scooakpore@gmail.com	Virtual
34.	Sao tome	Claudia Patricia Jordao Dos Reis Rocha	Director air Navigation Services	claudiapatriciareis89@hotmail.fr	Virtual
35.	Senegal	Sidy Gueye	Directeur Général Agence Nationale de l'Aviation Civile et de la Météorologie Aéroport Léopold Sédar Senghor BP 8184, Dakar Yoff	sidy.gueye@anacim.sn	In-person
36.	Senegal	Souleymane Ly	Chef Service AIM/MAP/PANS-OPS Agence Nationale de l'Aviation Civile et de la Météorologie Aéroport Léopold Sédar Senghor BP 8184, Dakar Yoff	Souleymane.LY@anacim.sn	In-person
37.	United Republic of Tanzania	Peter Erasto Chinyama	Airspace and Flight Procedure Designer Tanzania Civil Aviation Authority P.O. Box 2819, Dar es Salam	pchinyama77@gmail.com	In-person
38.	Togo	Abdou Ahabou Idrissou	Inspecteur en vol	Zdis179@gmail.com	In-person
39.	Togo	Asha N. Gnagna-Waka	Directeur Administratif et Financier Agence Nationale de l'Aviation Civile BP 2699 Lomé, Togo	a.gnagna-waka@anac-togo.tg	In-person
40.	Togo	Dokisime Gnana Latta	Directeur Général Agence Nationale de l'Aviation Civile BP 2699, Lomé, Togo	secretariat@anac-togo.tg anactogo@gmail.com lattagnama@gmail.com	In-person
41.	Togo	Edem Koudjo Semanya	Chef de Service normes et Sécurité d'Aérodrome Agence Nationale de l'Aviation Civile BP 2699, Lomé, Togo	edemsemanya@hotmail.com	In-person
42.	Togo	Gnimdou Kelewou	Chef Service ANS Agence Nationale de l'Aviation Civile BP 2699, Lomé, Togo	g.kelewou@anac-togo.tg	In-person
43.	Togo	Koami A. Amegble	Inspecteur Aérodrome	k.amegble@anac-togo.tg	In-person

#	State/org.	Name	Job title/address	E-mail	Participation
44.	Togo	Koffi Badjina	Chef Division ATS/SAR Agence Nationale de l'Aviation Civile BP 2699 Lomé, Togo	innoncentbadgina@yahoo.fr	In-person
45.	Togo	Koffi Tiassou	Director inspection and Quality Agence Nationale de l'Aviation Civile BP 2699 Lomé, Togo	k.tiassou@anac-togo.tg	In-person
46.	Togo	Kokou Méfo Wampa	Expert Météo	Wakome1@yahoo.fr	In-person
47.	Togo	Magnim Medezi	Directrice du Transport Aérien Agence Nationale de l'Aviation Civile BP 2699 Lomé, Togo	g.medezi@anac-togo.tg	In-person
48.	Togo	Nagwabe Toitre	Chef cellule Juridique	n.toitre@@anac-togo.tg	In-person
49.	Togo	Safiou Soulé	Inspecteur Sûreté Agence Nationale de l'Aviation Civile BP 2699 Lomé, Togo	s.soulé@anac-togo.tg	In-person
50.	Togo	Tadjidini Ouro-Loga	Chef division CNS Agence Nationale de l'Aviation Civile BP 2699, Lomé, Togo	t.ourologa@anac-togo.tg	In-person
51.	Togo	Yaovi Ametepe	Inspecteur OPS/Vol	yametep@hotmail.com	In-person
52.	Togo	Yendoubouame Laré	Chef Division AIM/PANS-OPS Agence Nationale de l'Aviation Civile BP 2699 Lomé, Togo	y.lare@anac-togo.tg	Virtual
53.	Uganda	Jude Kassuja	Principal ATM Officer Uganda Civil Aviation Authority	jkasuja@caa.co.ug	In-person
54.	Uganda	Richard Ruhesi	Director Air Navigation Services Uganda Civil Aviation Authority P.O. Box 5536, Kampala	rruhesi@caa.co.ug	In-person
55.		Ogbona Kalu		kaluogbona@gmail.com	

**APPENDIX 2
ADOPTED AGENDA**

- 1) Adoption of the Agenda and Work Programme;
- 2) Review of the SC/8 deliberations;
- 3) Review of the implementation status of the Programme;
- 4) Presentation of working papers and information papers by stakeholders;
- 5) Review of the 2024 Work Programme
- 6) Review of the deliberations of the AFPP SC/9 meeting;
- 7) Venue and date for the next SC meeting;
- 8) Any other business;
- 9) Closing session of the meeting.

**APPENDIX 3
ADOPTED WORK PROGRAMME**

Day 1: Monday, 23 October 2023				
Time	Ag. Item	Subject	WP/IP	Presented by
08:30 – 09:00		Registrations		
09:00 – 10:00		Opening ceremony		
10:00 – 10:30	Coffee Break			
10:30 – 11:00	1	Adoption of the agenda and work programme		Secretariat
		Verification of the quorum	WP1.0	
		Adoption of the Agenda	WP1.1	
		Adoption of the work programme	WP1.2	
11:00 – 11:30	2	Review of the SC/8 deliberations		Secretariat
		Review of the status of the decisions of the SC/8	WP2.1	
		Review of the 2022-2023 Work Programme implementation Status	WP2.2	
11:30 – 13:00	3	Review of the implementation status of the Programme		
		Project personnel	WP3.1	Secretariat
		Status of the AFPP membership	WP3.2	
		Review of the approved budget	WP3.3	
13:00-14:00	Lunch Break			
14:00 – 15:00	3	Review of the implementation status of the Programme (Cont'd)		

		PBN implementation status in the AFI Region	3.4	Secretariat
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Day 2: Tuesday, 24 October 2023

Time	Ag. Item	Subject	WP/IP	Presented by
09:00 – 10:00	3	Review of the implementation status of the Programme (Cont'd)		
		Flight procedure Design Project implementation Status	3.5	Secretariat
		Review of the project members commitments	3.6	
10:00 – 10:30	Coffee Break			
10:30 – 11:00	3	PANS-OPS challenges in the AFI Region	3.7	Secretariat
11:00 – 13:00	4	Presentation of working papers and information papers by stakeholders		
		PANS-OPS instructor training course	4.1	Kenya
13:00 – 14:00	Lunch Break			
14:00 – 15:00	5	Review of the 2024 Work Programme		
		Review of the 2024 Work Programme	WP5.1	Secretariat
		Project Personnel	WP5.2	
	Revised 2024 budget	WP5.3		

Day 3: Wednesday, 25 October 2023

Time	Ag. Item	Subject	WP/IP	Presented by
10:00 – 11:00	6	Review of the deliberations of the AFPP SC/9 meeting		

		Adoption of the decisions		Secretariat
11:00 – 11:30	Coffee Break			
11:30 – 11:45	7	Venue and date for the next SC meeting (SC/10)	WP7.1	Secretariat
11:45 – 12:00	8	Any other business		Secretariat
12:00 – 13:00	9	Closing session		Secretariat
13:00 – 14:00	Lunch Break			

**APPENDIX 4
STATUS OF DECISIONS OF SC/8**

# Decision	Description	Status	Comment
SC/8-Dec01	Election of the Steering Committee Chairperson and Vice-Chairperson	Completed	Dr Hamza S. Johari and Col. Latta Dokissime Gnama were elected as chair and vice-chair.
SC/8-Dec02	Pursuance of the non-completed Flight procedure Design Projects in Phase III	Completed	The implementation status of the projects are presented in WP3.2.
SC/8-Dec03	Effective date for the implementation status of Decision SC/7-Dec14 set to 31 December 2022.	Completed	SC/7-Dec14 instructs ICAO to demote active members in arrears for the annual financial contributions for more than 3 years as users of the Programme.
SC/8-Dec04	ICAO shall submit reminders to Member States in arrears before the effective implementation date of decision SC/7-Dec14.	Completed	A reminder was sent to members in arrears in December 2022 (individual letters).
SC/8-Dec05	In order to improve the level of effective implementation of PBN, Member States are urged to update the list of their international airports registered in the AFI Air Navigation Plan in coordination with the relevant ICAO Regional Office.	Completed	
SC/8-Dec06	Given the recurrence of the Significant Safety Concerns (SSCs) raised by the ICAO USOAP audits, ICAO shall organize a PANS-OPS oversight workshop in order to reverse the trend	In progress	The workshop was planned in back-to-back with another training in November 2023 but due to coordination issues with the host administration they could not be held without impacting the training agenda. They are postponed to next year.
SC/8-Dec07	Members of the AFPP Steering Committee are requested to sign the revised MSA for the Programme.	In progress	The Project document is fully signed: ICAO Secretary General, Host Administration (ASECNA) and the Chairperson of the Steering Committee.
SC/8-Dec08	ICAO shall finalize the MSA and send it to participating members for signature.		As of 23 October 2023, the MSA is only signed by ASECNA. The other signatures are awaited.
SC/8-Dec09	The 2022-2023 work programme is approved as presented.	In progress	The work programme implementation status is presented in Appendix 2 below.
SC/8-Dec10	The AFPP pricing table was approved as amended during the meeting.	Completed	The new pricing table is applied for new projects.
	Venue of the SC/9 meeting	Completed	ICAO brought our attention that SC/9 should be held in WACAF and Togo accepted to host it.

APPENDIX 5
FLIGHT PROCEDURE DESIGN PROJECTS IMPLEMENTATION STATUS

#	Project	Site	State	Status
1.	PBN flight procedure design	Praia, Sal	Cabo Verde	Design completed Settlement completed Pending Conops training
2.	Conventional Flight procedure	King Mswati III (Sikhuphe)	Eswatini	Pending for validation
3.	Conventional and PBN flight procedure	Banjul Int'l	Gambia	Design completed Pending settlement Pending for approval
4.	PBN flight procedure Design	Roberts Field	Liberia	Pending for safety assessment and approval
5.	Design of PBN procedures	Sao Tome	Sao Tome and Principe	Design completed Pending for settlement Pending for flight validation and approval
6.	Design of PBN, conventional and local charts	Arlit	Niger	Design completed Pending for settlement Pending for approval
7.	Design of PBN procedures	Belabo, Dompta	Cameroon	Design completed Pending for settlement Pending for approval

**APPENDIX 6
APPROVED WORK PROGRAMME FOR 2024**

Tentative training programme

#	Training	Period	Duration (weeks)	Venue (tentative)	Related Objective
00	Updating of the training package ⁱ	February	3	Dakar	O3, Output 3.1
01	Flight procedure design initial training	March	4	Nairobi	O3, Output 3.1
02	On-the-Job Training for Flight Procedure Design ⁱⁱ	March	5	Nairobi	O3, Output 3.1
03	PBN flight procedure design training	May	4	Nairobi	O3, Output 3.1
04	PANS-OPS oversight workshop	July	1	Accra or Yaoundé	O3, Output 3.1
05	Quality assurance training ⁱⁱⁱ	July	1	Accra or Yaoundé	O4, Output 4.1
06	PBN airspace design workshop	September	1	Windhoek	O3, Output 3.1
07	National PBN implementation plan workshop	September	1	Dakar	O3, Output 3.1
08	Tailored trainings as requested by States	To be determined	To be determined	To be determined	O3, Output 3.1

Flight procedure design project for 2024

#	Project	Site(s)	State	Comments
1.	Conventional flight procedure design project	Belabo, Dompta	Cameroon	Pending for approval and publication
2.	Conventional and PBN flight procedure design project	Banjul	Gambia	Pending for approval and publication
3.	PBN flight procedure design project	Roberts	Liberia	Pending for safety studies, approval and publication
4.	Conventional flight procedure design project	Sikhuphe	Eswatini	Pending for validation
5.	PBN flight procedure design project	Sao Tome	Sao Tome and Principe	Pending for flight evaluation, approval and publication
6.	Local charts, conventional and PBN flight procedure design project	Arlit	Niger	Pending for approval and publication
7.	Conventional and PBN flight procedure design project	Site 1	State 1	Expected project
8.	PBN flight procedure design project	Site 2	State 2	Expected project
9.	PBN flight procedure design project	Site 3, 4	State 3, 3	Expected project

**APPENDIX 7
APPROVED REVISED BUDGET**

Item	Total	2014-2022	2023-2025	2023	2024	2025
Expenditures	2,923,848	1,813,299	1,110,549	313,400	482,450	314,700
Project personnel	1,406,360	796,010	610,350	181,600	255,900	172,850
Professional staff	1,299,910	796,010	503,900	181,600	187,300	135,000
AFPP Manager (Phase I)	114,745	114,745				
AFPP Manager (Phase II and Phase III)	1,170,625	666,725	503,900	181,600	187,300	135,000
PBN Course Development Expert and Facilitator	14,540	14,540				
General Service staff	37,500		37,500		22,300	15,200
Administrative Assistant	37,500		37,500		22,300	15,200
Consultants	68,950		68,950		46,300	22,650
Flight Procedure Design Consultant 1	13,950		13,950		9,300	4,650
Flight Procedure Design Consultant 2	37,500		37,500		25,000	12,500
Information Technology (IT) Assistant	17,500		17,500		12,000	5,500
International travel	733,924	529,024	204,900	58,400	92,500	54,000
Equipment	164,214	131,464	32,750	3,000	28,000	1,750
Flight procedure design software	48,765	48,765				
Charting Software	25,000		25,000		25,000	
Catering and supplies for training	204	204				
Training delivery	81,135	81,135				
Stationery	354	354				
Other	8,756	1,006	7,750	3,000	3,000	1,750
Subcontracts	279,081	138,281	140,800	38,800	51,500	50,500
Software maintenance	199,438	110,238	89,200	29,200	27,500	32,500
Flight procedure design software	194,438	110,238	84,200	29,200	27,500	27,500
Charting Software	5,000		5,000			5,000
Catering and supplies for workshops/training	42,872	7,522	35,350	5,350	18,000	12,000
Training delivery	2,726	2,726				
Steering committee meetings (interpretation, cater.)	33,933	17,683	16,250	4,250	6,000	6,000
Other	112	112				

Miscellaneous	340,270	218,520	121,749	31,600	54,550	35,600
Sundry	58,411	33,661	24,750	7,050	10,700	7,000
Overhead charges	266,990	165,641	101,349	28,900	43,850	28,600
Foreign currency revaluation gain/loss	14,869	19,219	(4,350)	(4,350)		
Contributions	(2,923,848)	(2,255,098)	(668,750)	(330,300)	(330,300)	(8,150)
Total	-	(441,799)	441,799	(16,900)	152,150	306,550

ⁱ The PANS-OPS training package needs to be updated

ⁱⁱ Organized back-to-back with activity N°01

ⁱⁱⁱ Organized back-to-back with activity N°04