



AFRICAN FLIGHT PROCEDURE PROGRAMME (AFPP)

First Meeting of the Steering Committee

(Nairobi, Kenya, 16-17 December 2014)

REPORT

PREPARED BY THE SECRETARY OF THE AFPP STEERING COMMITTEE

Table of Contents

PART I – INTRODUCTION.....	2
PART II – REPORT ON AGENDA ITEMS	3
APPENDICES	14
Appendix A:.....	List of Participants
Appendix B:.....	AFPP SC/1 Decisions ¹ and Recommendations ²

NB: in addition to the above Appendices the following meeting related documents are available at the AFPP website: <http://www.icao.int/WACAF/African-FPP/Pages/default.aspx>

1. Opening Remarks by the ICAORD WACAF
2. Working Papers (WP01- 07 and Attachments)
3. Information Papers (IP01 – 02)
4. Presentations (PP01 – 06)

¹**Decisions** relate to matters on the internal arrangements of the Steering Committee and/or that require the direct action of the Secretariat and members.

²**Recommendations** deal with matters which merit the attention of member States in general, partner organizations, stakeholders, donors or on which further action is required to be initiated by the Secretary of the AFPP Steering Committee.

PART I – INTRODUCTION

1. VENUE, DATE AND ATTENDANCE

1.1 The 1st meeting of the African Flight Procedure Programme (AFPP) Steering Committee was held on 16 and 17 December 2014 at the ICAO ESAF Regional Office, which is located at the United Nations Complex in Gigiri, Nairobi, Kenya. The meeting was attended by twenty-seven (27) participants including representatives of member States and observers from the ICAO Headquarters, ESAF and WACAF Regional Offices, and officials of invited Regional Organizations. The list of participants is provided at **Attachment A**.

2. OPENING OF THE MEETING

2.1 During the opening session, a statement was delivered by Mr. Mam Sait Jallow, ICAORD WACAF and Secretary of the AFI Plan Steering Committee, on behalf of the ICAO Secretary General.

2.2 Mr. Jallow highlighted the establishment of the African Flight Procedure Programme (AFPP) Steering Committee and the convening of its first meeting after nineteen (19) African States signed the AFPP Programme Document to become members of the AFPP in May 2014 and several months of activities.

2.3 He pointed out that PBN Procedures Implementation entails three ICAO Strategic Objectives (Safety, Capacity and Efficiency, and Environmental Protection). The AFPP, he indicated, provides a unique opportunity for African States to address a common continent-wide need on a sustainable basis with support from global partners and provides motivation to undertake actions in other regional Programmes for the accelerated development of air transport in Africa. The responsibility for the success of such a major regional initiative has been placed in the hands of the Steering Committee. The statement applauded the support of France, ASECNA and Airbus and commended these partners for honouring their pledges and providing enormous contributions to start the Programme, and urged other partners to also contribute towards the successful implementation of this Programme.

2.4 The statement noted that the interest shown by 24 African States which signed or are about to sign the Programme Document, should encourage the Steering Committee to develop structures and propose coherent actions for the development and implementation of Performance Based Navigation flight procedures, in all the Participating States.

3. INTRODUCTION AND CONTEXT OF THE AFPP

3.1 Mr. Erwin Lassooij, the PBN Programme Manager, ICAO HQ, Montreal, presented the concept of the AFPP Implementation (PP/05). Comparing the level of PBN implementation in Africa to the global level, he noted that Africa lagged behind the ICAO target, hence the establishment of the AFPP as a Regional Centre of Excellence in procedure/airspace implementation, to provide Flight Procedure Design Capability and PBN Operational Approval to African States as well as a solution for the efficient integration of PBN into African airspace infrastructure. The AFPP governing body, he explained, is the Steering Committee (SC) composed of the Active Participating Member States and the Host Administration ASECNA, which is supported by the ICAO African Regional Offices and HQ, Donor States and Partners. The Annual Work Programme and the Budget approved by the SC form the basis for the work plan to be implemented by the AFPP team, Manager and experts seconded by States.

PART II – REPORT ON AGENDA ITEMS

1. ADOPTION OF THE AGENDA

1.1 The meeting reviewed and approved the draft agenda presented by the Secretary.

2. DELIBERATIONS, DECISIONS AND RECOMMENDATIONS ON THE AGENDA

2.1 Agenda Item 1: Adoption of the agenda.

2.1.1. The meeting reviewed and approved the draft agenda (IP02) presented by the Secretariat.

2.1.2. The meeting also approved the Tentative Work Programme (WP01) presented by the Secretariat for the 2-day meeting.

2.2 Agenda Item 2: Formation of the African Flight Procedure Programme Steering Committee.

2.2.1 The Institutional Framework of the AFPP is presented in section 5 of the Programme Document and defines the different status of States and the Steering Committee (SC) composition, Active Participating, User, and Observer States.

2.2.2 The Secretariat presented recommendation SC14/Rec08 of the 14th AFI Plan Steering Committee meeting, held on 24 October 2014 in Montreal, Canada, to extend the composition of the AFPP SC to Donor States and AFCAC.

2.2.3 The role of the Donor States and AFCAC was recognized as essential to the success of the AFPP.

2.2.4 The role and active involvement of IATA, a major partner, is also recognised as essential in the implementation of PBN in African States for Safety improvement.

2.2.5 The proposed text to amend section 5 of the Programme Document (WP02, Attachment A) was approved by the meeting.

2.2.6 The meeting approved the following decisions and recommendations.

Decisions and Recommendation on Agenda Item 2

SCI/Dec01: Membership of the AFPP Steering Committee

In line with the AFI Plan Steering Committee Recommendation AFI SC14/08, the membership of the AFPP Steering Committee is extended to include Donor States and AFCAC, in addition to the Active Participating States, the Host Administration and ICAO. The relevant amendment to Paragraph 5.6.1 of the AFPP Programme Document is hereby approved.

2.3 **Agenda Item 3: Election of the Steering Committee Chairpersons.**

2.3.1 The Secretariat proposed to replace the provision in the Programme Document requiring two (2) Co-Chairpersons for the AFPP SC with one stipulating a Chair and a Vice-Chairperson, from two different African regions, and considered it more practical to align the chairmanship as in APIRG, RASG-AFI, AFI Plan SC and AFI-DGCA Conference.

2.3.2 The proposed amendment to section 5 of the Programme Document (WP02, Attachment A) was approved by the meeting.

2.3.3 The list of the African States, Members of the AFPP and the eligibility criteria for election as Chair and Vice-Chair was presented (WP02, Attachment B).

2.3.4 Kenya was elected as Chair, proposed by Nigeria and supported by Cape Verde and Uganda; Nigeria was elected Vice-Chair, proposed by Kenya and supported by Cape Verde. The elected Chair and Vice-Chairperson of the AFPP SC represented their respective DGs of CAAs.

2.3.5 After an Acceptance Speech from the Kenya representative, the roles and responsibilities of the chairpersons were detailed to the meeting.

2.3.6 The meeting approved the following decisions and recommendations.

Decisions and Recommendations on Agenda Item 3

SCI/Dec02: Election of the AFPP Steering Committee Officials

- a) Amendment of Paragraph 5.6.3 of the AFPP Programme Document, under conduct of Steering Committee meetings, replacing Co-Chairpersons with Chairperson and Vice-Chairperson is adopted and the Secretariat is requested to appropriately revise the AFPP Programme Document;*
- b) Kenya, represented by the Director General of Kenya CAA, is elected as the Chairperson of the AFPP Steering Committee for the three-year duration of Phase 1 of the Programme (2014-2017); and*
- c) Nigeria, represented by the Director General of Nigerian CAA, is elected as Vice-Chair of the AFPP Steering Committee for the three year duration of Phase 1 of the Programme (2014-2017).*

SCI/Dec03: Conduct of Steering Committee meetings

That, in addition to the provisions in Section 5.6.3 of the Programme Document on conduct of Steering Committee (SC) meeting:

- a) Invitation letters for the convening the SC meetings be circulated by the Secretariat to members of the SC at least 60 days prior the date of the meeting; and*
- b) Working papers and related documents for the SC meetings be circulated not less than 14 days prior to the date of the meetings.*

2.4 Agenda Item 4: PBN update

2.4.1 Mr. Erwin Lassooij, the PBN Programme Manager, ICAO HQ, Montreal, presented an update of the PBN domain (PP/02) which showed that in relation with Assembly Resolutions A37 and A38, the 2012 PBN Symposium and Twelfth Air Navigation Conference (AN-Conf/12) targets and provisions aligned with ASBU, GANP and GASP, the need is focusing on continuous implementation support. It also showed that, considering the trends in the global PBN Programme, the level of implementation in African States is lower than the global average, i.e. LNAV procedures for Africa is 27% compared to the global average of 45% whilst the ICAO target for Africa is 41% by 2016. A PBN Programme Office is established by ICAO for global PBN Programme coordination (PBN focal points, TF, implementation projects and Go-Teams, FPP/China and Africa). Documentation on PBN (hard copies, e-libraries and e-learning), workshop/training/assistance are provided. Future PBN SARPs and guidance are being developed for Sub-Groups. Regional perspectives are implemented, but database is unreliable and needs to be improved. All these actions are undertaken because PBN is the way to go as the new standard of navigation. And it is expected that all African States would have submitted their PBN Implementation Plan in 2017.

2.4.2 Nigeria gave a report on their PBN implementation activities and noted that PBN equipped aircraft is around 20% and have provided training for ATC. The implementation of PBN in a radar environment is gradually evolving.

2.4.3 Kenya expressed concerns about WGS-84 survey database quality and its probable consequence for safety.

2.4.4 Cape Verde believed that PBN procedures are the solution to improve safety in small airports.

2.4.5 Regarding the status of PBN Implementation Plans, ICAO indicated that some plans are not compliant with ICAO requirements. AFCAC informed the meeting that ASECNA will organize a workshop on PBN implementation -plan for ASECNA States.

2.4.6 IATA stated that the PBN procedures should no longer be considered as an exception.

2.4.7 The meeting approved the following decisions and recommendations.

Decisions (Dec) and Recommendations (Rec) on Agenda Item 4

SCI/Dec04: Strategic Action Plan to accelerate PBN Implementation

- a) *The SC having reviewed the current status of PBN implementation at the global and regional levels decided there is need for a strategy to address the low rate of progress in individual AFI States as well as on a regional basis;*
- b) *The AFPP is requested to develop, by 1st March 2015, a Strategic Action Plan with clear objectives and consistent with the AFPP Programme Document, for expeditious implementation of PBN to ensure that all African States implement PBN approach procedures by the end of 2016 in accordance with Assembly Resolution A37-11, and have the relevant activities of this plan reflected in the 2015 work Programme;*
- c) *In the AFPP strategic plan, the AFPP should identify available or possible implementation support from industry partners and other stakeholders, and coordinate with such entities as necessary;*

- d) *The AFPP prepares an implementation framework with clear steps and tasks in order to assist States develop and implement appropriate PBN action plans; and*
- e) *The AFPP effectively applies the principles of Collaborative Decision Making with industry and other stakeholders.*

2.5 **Agenda Item 5 : Industry Perspective of PBN Implementation**

2.5.1 IATA

- a) Mr. Protus S. Otieno, Safety and Flight Operations Manager, presented the IATA perspective of PBN implementation (PP/01);
- b) IATA considers PBN procedures to be independent of ground based navigational Aids and removes the need for visual and circling manoeuvres. The use of PBN improves safety and accessibility at airports; PBN provides optimized obstacle protection, constant approach gradient (through use of APV e.g. Baro VNAV) and fully managed missed approach procedures with protected trajectories. PBN reduces visibility criteria at airports and improves accessibility.
- c) To improve capacity and efficiency, PBN procedures provide reduced distance/time on arrival and approach procedures, more accurate tracks for SIDs and STARs, and CCO and CDO integration in airspace design result in CO2 emissions reduction; and
- d) PBN procedures implementation should involve all stakeholders through a Collaborative Decision Making (CDM) process. IATA member airlines would support PBN implementation by facilitating flight test of the procedures in their flight simulators.

2.5.2 AIRBUS / AIRBUS ProSky

- a) Mr. Marc Baillion, Director International Safety Program, confirmed the strong support to the AFPP and presented the AIRBUS perspective of PBN implementation (PP/03) in relation with safety Programmes.;
- b) In 2011 AIRBUS launched a worldwide Programme to support PBN implementation and would propose to support a project for an African airport to implement PBN procedure and will include all stakeholders (procedure designers, Airline, aircraft, ATC, CAA). in the process; and
- c) Mr. Don-Jacques Ould-Ferhat, VP Airspace and Airlines Services, presented actions for PBN implementation in Asia (PP/04), India and Philippines, including straight-in approaches, RNP-AR procedures, CCO/CDO tracks integration and sequencing methods, display on ATC radar screen. US develops parallel runways RNP/ILS approaches. All the processes are developed in order to make the airspace the most efficient and safest way.

2.5.3 CGX-AERO

- a) Mr. Loïc Giroud, Deputy Business Manager, presented the GéoTitan capabilities for flight procedures design. GéoTitan is a flight procedure design automated system used by AFPP for design. It integrates updated requirements. The associated software Data4Flight allows 3D procedure design display and communication with all aeronautical databases (AIXM4.5, AIXM5.1). Refresher sessions provide updated information on new tools functionality and ICAO requirements.

2.5.4 The meeting approved the following decisions and recommendations.

Decisions (Dec) and Recommendations (Rec) on Agenda Item 5

SCI/Rec05: Collaboration between States, Stakeholders and AFPP on PBN Implementation

- a) *States, stakeholders, ANSPs, Users, etc. be encouraged to work together for the achievement of the goal of PBN implementation;*
- b) *Industry partners and other stakeholders are urged to orient and align their support, activities and interventions on PBN implementation that are targeted at individual or groups of States, with the priorities and activities identified under the AFPP; and*
- c) *In order to support implementation, ICAO Headquarters finalize development of Guidance Material for operational personnel to achieve proficiency in performing PBN operations, noting that the guidance material is required by the region as a matter of urgency.*

SCI/Rec06: Formalization of Products and Services

That the provision of products and services to the AFPP be formalized and in this respect, donations such as the provision of the Geo-Titan software and its associated middleware and accessories be formalized.

2.6 Agenda Item 6 : Report on the implementation of 2014 Work Programme

2.6.1 The Secretariat presented the report on the implementation (WP03, Attachment A).

2.6.2 The AFPP started its activities on 2 June 2014 in its premises, hosted by ASECNA, Dakar, Senegal. At the time of the SC meeting, 24 States were (or about to become) Active Participating States (APS) and 3 States were (or about to become) User States (US). Angola signed the Programme Document to become an APS during the meeting.

2.6.3 The AFPP team is composed of experts seconded by African States. ASECNA seconded the Chief Procedures Designer, and recently Tanzania announced the secondment of one expert to the AFPP. Discussions are in progress with Nigeria (*updated information: Nigeria officially seconded an expert to the AFPP*).

2.6.4 The following activities were carried out in 2014 in accordance with the Work Plan:

- a) Seminar/Workshop on PBN Implementation Plan, jointly with AFCAC in June 2014 in Dakar, Senegal and AIRBUS financial support. The expertise was provided by AIRBUS and EUROCONTROL;
- b) PBN Operational Approval Training Workshop (instead of Course as presented in the Work Plan) on October 2014, hosted by Tanzania CAA in Dar Es Salaam, with AIRBUS financial support. The expertise was provided by AIRBUS and France;
- c) PANS-OPS Initial Flight Procedure Design Course on October/November 2014. This course was held in ENAC, Toulouse, France due to ENAC instructors reluctance to come

to Dakar. The course was financially supported by France and the expertise provided by ENAC. The PBN Course is postponed to 2015;

d) Additional AFPP Familiarization Seminar/Workshop on November 2014, hosted by Ethiopian CAA in Addis Ababa; and

e) AFPP responded to a request from Cote d'Ivoire to design conventional and PBN flight procedures for 5 domestic airports. The procedures were implemented in June 2014. This activity was charged to Cote d'Ivoire ANSP. AFPP replied also to assistance from Cameroon CAA for Flight Procedure Design (Maroua-Salak airport) and Djibouti CAA for Flight Procedure approval process. The activities are still in progress.

2014 Activities			
Proposed Work Plan	Implemented	date	Performance
PBN Plan Implementation Workshop	PBN Plan Implementation Workshop	24-26 June 2014 Dakar Senegal	Held
Operational Approval Course	Operational Approval Training Workshop	14-16 October 2014 Dar Es Salaam Tanzania	Held as Training Workshop
PANS-OPS Flight Procedure Design Initial Course	PANS-OPS Flight Procedure Design Initial Course	27 October – 14 November 2014 Dakar, Senegal	Held in ENAC, Toulouse, France
PANS-OPS PBN Course			Due to ENAC Work Plan, postponed to 2 nd Quarter 2015
	AFPP Familiarization Workshop	20-21 November 2014	Workshop not included in the 2014 Work Plan
Flight Procedure Design	Cote d'Ivoire 5 domestic airports	November 2013 – June 2014	PBN procedures design completed Procedures published and into service since 2 June 2014
Flight Procedure Design	Cameroon Maroua-Salak	Study started in AFPP	Financial proposition in progress
Assistance for PBN Flight Procedure approval	Djibouti	Information not received from Djibouti CAA	file in progress

2.6.5 The AFPP website was presented: <http://www.icao.int/WACAF/African-FPP/Pages/default.aspx>.

2.6.6 The financial report (WP03, Attachment B) was presented. All activities were financially supported by Donors, AFCAC, AIRBUS, EUROCONTROL and France. The positive balance, (47,710 USD) is due to revenue from services to Cote d'Ivoire.

2.6.7 The meeting approved the following decisions and recommendations.

Decisions (Dec) and Recommendations (Rec) on Agenda Item 6

SCI/Dec07: Outstanding tasks and commitments in 2014 Work Programme

The outstanding tasks and commitments in the 2014 AFPP work Programme that are on-going or were not implemented or completed be incorporated in the 2015 work Programme.

SCI/Rec08: Coordination of AFPP Training Activities

In order to encourage effective participation in the AFPP airspace design, flight and ground validation activities, such events should, within the framework of Collaborative Decision Making, be well coordinated with and promoted through stakeholders, industry and Users.

SCI/Rec09: Selection of AFPP Training Venues

The AFPP ensures, to the extent practically possible, that training activities are conducted in Africa and using, where feasible, recognized training centres.

2.7 Agenda Item 7: Global PBN Products and Services

2.7.1 Mr. Erwin Lassooij, the PBN Programme Manager, HQ Montreal, presented the proposed application of the ICAO Performance-based navigation products and services (WP04). Following the recent change in ICAO Policy regarding revenue generation, the new ICAO Plan for PBN products and services was presented. The products and services including Instrument Procedure design and PBN Implementation Assistance, are either currently available or will be in the near future with the aim of ensuring the global harmonization of both course material and costing principles. The plan provides a costing schedule to be used in determining the specific fee to be applied for each product or service, under an oversight from the PBN Programme Office. This plan will be provided to States by electronic bulletin in January 2015.

2.7.2 The various services proposed to the AFPP Member States, detailed in the Programme Document, are free of charge to the Active Participating States due to their financial/in-kind commitment in accordance with the policy established by the Steering Committee. For the non-contributing States, a service fee is normally charged in accordance with a fee schedule determined by the Steering Committee.

2.7.3 Services not covered for User States in the AFPP Programme Document, or services for non-participating States fall under the new policy and the PBN Products and Services Plan, and would attract a fee, as per the ICAO PBN Product and Services Plan and the costing model.

2.7.4 Until the PBN Products and Services Plan is officially released to States, the AFPP Office is to coordinate with the ICAO PBN Programme Office on the appropriate fee to be charged for those services that fall under the Policy on Revenue Generating Activities. It was recommended that the Steering Committee considers amending relevant documentation to reflect the new ICAO policy and provide guidance to the AFPP to coordinate with the ICAO PBN Programme Manager.

2.7.5 The meeting noted the changes in the ICAO Policy relating to the provision of training and assistance to States in the PBN domain.

2.7.6 The Steering Committee agreed to wait for the publication of the ICAO Plan for further comments. It was anticipated that revenues generated from the activities will be part of the AFPP incomes.

2.7.7 The meeting approved the following decisions and recommendations.

Decisions (Dec) and Recommendations (Rec) on Agenda Item 7

SCI/Dec10: ICAO PBN Products and Services

- a) *the AFPP applies a costing schedule as per the ICAO PBN products and services plan;*
- b) *the AFPP aligns the content of its courses/workshops with the ICAO PBN products and services plan; and*
- c) *until such time that the ICAO PBN Products and Services Plan comes into effect, and as a transition, the AFPP coordinates the costing and content of its services with the ICAO PBN Programme Office*

2.8 Agenda Item 8: Proposed 2015 AFPP Flight Procedure design pricing tables

2.8.1 The Secretariat presented the proposed 2015 AFPP flight procedure design pricing tables (WP05 and Attachment). The table contained the different types of procedure to be designed as conventional and PBN flight procedures, except the RNP-AR procedures, including the relevant actions associated regarding data collection, design and draft charting. The calculation of the costs is based on a daily expertise cost and a number of work days for each activity. The time unit quantity is given as an example for a basic project and would be adapted to the specific project.

2.8.2 The airspace design update is part of the procedure design as a procedure implementation needs the airspace design review. Regarding the data, the meeting noted that the acquisition is under the responsibility of the State. AFPP could help States in data acquisition and validates the quality of data used for the design.

2.8.3 The meeting noted that the procedure design provided by the AFPP takes into account all elements of the environment involved in the design in order to provide the best quality of service. The global cost of the procedure design is calculated in accordance with the ICAO Document 9906, Quality Assurance Manual, defining all the steps for a procedure design.

2.8.4 The meeting approved the following decisions and recommendations.

Decisions (Dec) and Recommendations (Rec) on Agenda Item 8

SCI/Dec11: AFPP Products and Services

- a) *The AFPP will engage in assisting States with procedure design services for conventional and PBN procedures as per Programme Document para 2.2.3h. However the procedure design services will not include RNP AR;*
- b) *the sub elements of the AFPP services should be made available to States;*
- c) *The AFPP should provide clarification to States that procedure design service is not a turnkey project or part of a larger airspace design project to be carried out by the State; and*
- d) *The AFPP takes into account, and applies the new global policy on PBN products and services once available and effective. In the interim the consultancy fee for such activities will be USD 400.00 per day.*

2.9 Agenda Item 9: Proposed 2015 AFPP Work Programme

2.9.1 The Secretariat presented the proposed 2015 AFPP Work Programme (WP06 and Attachment). The Work Programme is based on the list of activities detailed in the AFPP Programme Document, section 2.2.3. It will be executed through seminars, workshops and training courses.

2.9.2 This Work Programme provides action in relation to the main goal of the AFPP and gives opportunity to African States to implement sustainable flight procedure design capability including the full management process described in Doc 9906 and the 18 steps for the implementation of a flight procedure. The main AFPP activity is to provide training for procedure design and related activities.

2.9.3 Seminars/Workshops will involve Quality Assurance for Flight Procedure Implementation Process (one in ESAF area and another one in WACAF area), Airspace design (in WACAF area) and PBN training for ATM (in ESAF area).

2.9.4 Training courses will cover PBN Operational Approval (in WACAF area) and Flight Procedure Design (in AFPP premises, Dakar). Expertise will be provided by external consultants and/or AFPP experts according to the speciality. Dates and locations will be determined in due course. Assistance and support activities will be executed for AFPP Member States on request. And the experts seconded by States will participate in a Flight Procedure Design Instructor Course.

2.9.5 The AFPP training courses will deliver expert contents to participants. State authorities are expected to validate the expertise acquired by their candidates and approve them as experts for the State.

2.9.6 The training courses are mainly organized in the AFPP premises in Dakar, but the organization of a resident course could be envisaged on request from a Member State. The OJT sessions will be organized in the best location for the best result, according to State capacity for procedure design.

2.9.7 The procedure design assistance will be provided according to the section 2.2.3 list to States having a capability in design in order to improve this capability.

2.9.8 The meeting approved the following decisions and recommendations.

Decisions (Dec) and Recommendations (Rec) on Agenda Item 9

SC1/Dec12: Implementation of Outstanding 2014 Activities and Commitments

- a) *Outstanding 2014 activities brought forward to 2015 should be followed up for implementation by the AFPP; and*
- b) *States and partners that have made commitments in support of the AFPP, which are still outstanding, should honour these commitments as soon as possible, for implementation in 2015.*

2.10 Agenda Item 10: Review of 2015 budget

2.10.1 The Secretariat presented the proposed 2015 AFPP Budget (WP07 and Attachment). The Budget based on the 2015 Work Programme, presents the global costs for the organization of the meetings and courses, the revenues/incomes and the financial support from Donors.

2.10.2 Expenses categories are composed of meeting organization, consultant expertise, mission travel and use of premises. Revenues are provided by Active Participating States (APS) annual financial contribution (10,000 USD per State) and incomes from activities on a fee base. The 2014 surplus is included in the 2015 AFPP budget.

2.10.3 The estimated expenses for activities (meetings/courses) are 168,880 USD. The office estimated expenses are 8,000 USD. The financial contribution (APS) is 250,000 USD. Expected incomes from activities are estimated 52,800 USD. The expected donation represented by training and instructor course financial support, Manager salary, GéoTitan software provision financial support and premises use, is estimated at 559,100 USD. Including the 2014 surplus, the 2015 global balance is estimated positively at 173,360 USD.

2.10.4 The Steering Committee noted that 5 APS paid their 2015 annual financial contribution. It was also noted that the salary financial level of the secondees would be included in the budget. APS would be considered as User States until they paid the annual financial contribution with the related status for provided activities.

2.10.5 The Steering Committee approved the AFPP 2015 Budget and the associated Work Programme.

2.10.6 The meeting approved the following decisions and recommendations.

Decisions (Dec) and Recommendations (Rec) on Agenda Item 10

SCI/Dec13: Annual Contributions

The annual individual contribution of an AFPP Active Participating State, for 2015, will be Ten Thousand US Dollars (US \$ 10,000)

SCI/Rec14: Payment of Member Contributions

The steering committee strongly urges Active Participating States to pay their contribution for 2015 as soon as possible, and requests the AFPP to send reminders to this effect.

2.11 Agenda Item 11: Any other business

2.11.1 The Secretariat presented the ANS Performance Indicators adopted by the 14th meeting of the AFI Plan Steering Committee in October 2014(PP/04), and highlighted the importance of the AFPP in achieving the Abuja Safety targets aimed at reducing runway related accidents and serious incidents by 50%, and CFIT related accidents and serious incidents by 50% in 2015.

2.11.2 Following discussions, the meeting approved the following decisions and recommendations.

Decisions (Dec) and Recommendations (Rec) on Agenda Item 11

SCI/Rec15: AFI Air Navigation Performance Indicators and Targets

The AFPP should:

- a) take note of ANS Performance Indicators adopted by the 14th AFI Plan Steering Committee Meeting for the Region and ensure that relevant inputs are provided to APIRG in support of the development of the associated ANS targets; and*
- b) Follow up on the reporting and monitoring requirements for the PBN related performance indicators and targets.*

2.12 Agenda Item 12: Venue and date for next SC meeting

- 2.12.1 The venue and date for the next SC meeting was discussed.
- 2.12.2 The SC welcomed the offer made by Cape Verde to host the next AFPP SC meeting.
- 2.12.3 It was agreed that the next AFPP SC meeting should be held earlier in the year to allow enough time to progress implementation of the Work Programme.
- 2.12.4 The meeting approved the following decisions and recommendations.

Decisions (Dec) and Recommendations (Rec) on Agenda Item 12

SCI/Rec16: Venue and date for the next SC meeting

- a) The Secretariat to follow up on Cape Verde's offer to host the next meeting of the AFPP SC; and*
- b) The second SC meeting to be conducted in September or October 2015.*

2.13 Agenda Item 13: Closing session

- 2.13.1 The AFPP SC Chairman thanked the ESAF Acting ICAORD for the hosting of the meeting and closed the meeting.

- END-

APPENDICES

Appendix A: List of Participants

STATE/ETAT	NO.	NAME/NOM	OFFICIAL TITLE / DESIGNATION	TELEPHONE / CELL/FACSIMILE	EMAIL/ COURRIEL
Angola	1.	Eduardo Manzodila	Angola Civil Aviation Authority (ACAA)	Tel.: +244222335936; +244222390529	inavic@gv.ao Ezequiel.cortez@inavic.go.co
	2.	Arquimedes Ferreira	Air Navigation Director National Institute of Civil Aviation	Tel:+244 932404538 Fax: +244 222390529	Arquimedes.ferreira@inavic.gv.co arquimedesf@gmail.com
Cape Verde	3.	Alberto Silva	Air Navigation Director Cabo Verde CAA	Tel: +238 2603430 / 9718255	albertos@civil.gov.cv
France	4.	Sophie Germain	Director Cooperation Africa France Civil Aviation	Tel : +33 1 58093977 Fax : +33 1 58094016	Sophie.germain@aviation-civile.gouv.fr
	5.	Elisabeth Dallo	Director International Cooperation Department France Civil Aviation	Tel : +33 158093640 Fax : +33 158094016	Elisabeth.dallo@aviation-civile.gouv.fr
Gabon	6.	Toussaint MvolaNdong	ANAC Chef de service de la Navigation Aérienne	-	Toussaint.mvola@anac-gabon.com
Kenya	7.	Joseph K.Maina	Kenya Civil Aviation Authority Manager AIS	Cell: +254 721493957	jkmaina@kaa.or.ke

STATE/ETAT	NO.	NAME/NOM	OFFICIAL TITLE / DESIGNATION	TELEPHONE / CELL/FACSIMILE	EMAIL/ COURRIEL
	8.	Edward Kimotho	Flight Procedure Designer Kenya Civil Aviation Authority	Tel: +254 20 827100	ekimotho@kcaa.or.ke
Nigeria	9.	Edward EdokhamenOgedegbe	Nigerian Airspace Management Agency Director of Operations	Tel: + 234 802 3223321	eogedegbe@namahqtr.net
	10.	Martin ChigboAkujuobi	Nigerian Airspace Management Agency Deputy General Manager ATC Operations	Tel: +234 803 723 5936	makujuobi@namahqtr.net akujuobimartin@yahoo.com
	11.	Andrew AlhassanAmedu	Nigerian Airspace Management Agency Deputy General Manager Airspace Planning	Tel: +234 802 3501873 / 805 5096189	andyamedy@yahoo.co.uk aamedu@namahqtr.net
Tanzania	12.	Peter Chinyama	Head Procedure Design Department Tanzania Civil Aviation Authority	Tel: +255 657 618315	pchinyama@tcaa.go.tz Pchinyama77@yahoo.com
Uganda	13.	Irene Atto	Principal ANS Inspector Uganda Civil Aviation Authority	Tel: +256 757830766	iatto@caa.co.ug
	14.	FarajiSenkooto	Senior ATM Inspector Uganda Civil Aviation Authority	Tel: +256 414 352000/ 772529710	fenkooto@caa.co.ug
International /Regional Organizations					

STATE/ETAT	NO.	NAME/NOM	OFFICIAL TITLE / DESIGNATION	TELEPHONE / CELL/FACSIMILE	EMAIL/ COURRIEL
AFCAC	15.	Mr. Papa Atoumane Fall	Air Navigation and Aerodrome Expert, African Civil Aviation Commission (AFCAC)	Tel.:+221 338598813/8207018	secretariat@afcac-cafac.org ; afall@afcac.org
AIRBUS	16.	Marc Baillion	International Safety Program Director	Tel:+33 623980110 / 5 61934429	Marc.baillion@airbus.com
	17.	Don-Jacques OuldFerhat	VP Airspace and Airlines Services	Tel: +33 582053302	Don-jacques.ould-ferhat@airbus.com
ASECNA	18.	Alladoumngaye Reyara	Chef de bureau procédure de vols	Te : + 221 77335 4695	alladoumngayerey@asecna.org
CGX AERO	19.	LoicGiroud	Deputy Business Manager	Tel : +33 563378230	Loic.giroud@cgxaero.com
IATA	20.	ProtusSedaOtieno	Manager Safety and Flight Operations	Tel: +27 11 5232737 Fax: +27 11 523 2704/01	sedap@iata.org
ICAO Secrétariat					
ICAO Secrétariat	21.	Prosper Zo'oMinto'o	Acting Regional Director, ESAF Regional Office	Tel.: +254 20 7622395/6	pzoomintoo@icao.int
	22.	Mam Sait Jallow	Regional Director, WACAF Regional Office		MJallow@dakar.icao.int

STATE/ETAT	NO.	NAME/NOM	OFFICIAL TITLE / DESIGNATION	TELEPHONE / CELL/FACSIMILE	EMAIL/ COURRIEL
	23.	Erwin Lassooij	PBN Programme, HQ		ELassooij@icao.int
	24.	SeboesoMachobane	Regional Officer, ATM/SAR, ESAF Regional Office	Tel.: +254 20 7622372	smachobane@icao.int
	25.	David Labrosse	Regional Officer, ATM/SAR, ESAF Regional Office	Tel.: +254 20 7622368	dlabrosse@icao.int
	26.	Albert Aidoo Taylor	Regional Officer, ATM, WACAF Regional Office	Tel.: +221338692413/24 Fax: +221 33 820 32 59 Cell: +221 77 614 11 16	ataylor@icao.int
	27.	Frédéric Legrand	African FPP – Manager, WACAF Regional Office	Tel.: +221 33 820 93 89 Cell: +221 77 639 78 53	flegrand@icao.int

|-----

Appendix B – AFPP SC/1 Decisions and Recommendations

Decision/ Recommendation Reference	Agenda Item	Title	Text	Deadline	Deliverable(s)	Responsibility
SC1/Dec01	Agenda Item 2: Formation of the Steering Committee	The membership and composition of the AFPP Steering Committee	In line with AFI Plan Steering Committee Recommendation AFI SC14/08, that, in addition to Active Participating States, the Host Administration and ICAO, the membership of the AFPP Steering Committee is extended to include Donor States and AFCAC. The relevant amendment of paragraph 5.6.1 of the AFPP Programme Document is hereby approved.			
SC1/Dec02	Agenda Item 3: Election of the AFPP Steering Committee Officials	Election of the AFPP Steering Committee Officials	<p>a) Amendment of paragraph 5.6.3 of the AFPP Programme Document, under conduct of Steering Committee meetings, replacing Co-Chairpersons with Chairperson and Vice-Chairperson is hereby adopted and the Secretariat requested to appropriately revise the AFPP Programme Document;</p> <p>b) Kenya, represented by the Director General of Kenya CAA, is elected as the Chairperson of the AFPP Steering Committee for the three year duration of Phase 1 of the Programme (2014-2017); and</p> <p>c) Nigeria, represented by the Director General of Nigerian CAA, is elected as Vice-Chair of the AFPP Steering Committee for the three year duration of Phase 1 of the Programme (2014-2017).</p>	30 April 2015	Amended version of the AFPP Programme Document	AFPP Manager

Decision/ Recommendation Reference	Agenda Item	Title	Text	Deadline	Deliverable(s)	Responsibility
SC1/Dec03		Conduct of Steering Committee meetings	<p>In addition to the provisions in Section 5.6.3 of the Programme Document on conduct of Steering Committee (SC) meeting, it is decided that:</p> <p>a) Invitation letter for the convening the SC meetings be circulated by the Secretariat to members of the SC at least 60 days prior the date of the meeting; and</p> <p>b) Working papers and related documents for the SC meetings be circulated not later than 14 days prior to the date of the meetings.</p>	<p>60 days prior the SC date</p> <p>Not later than 14 days prior the SC date</p>	<p>Invitation Letter</p> <p>SC documentation</p>	<p>Secretariat</p> <p>Secretariat</p>
SC1/Dec04	Agenda Item 4: Global PBN Update	Strategic Action Plan to accelerate PBN Implementation	<p>a) The SC having reviewed the current status of PBN implementation at the global and regional levels decided there is need for a strategy to address the low rate of progress in individual AFI States as well as on a regional basis;</p> <p>b) The AFPP is requested to develop, by 1st March 2015, a Strategic Action Plan with clear objectives and consistent with the AFPP Programme Document, for expeditious implementation of PBN to ensure that all African States implement PBN approach procedures by the end of 2016 in accordance with Assembly Resolution A37-11, and have the relevant activities of this plan reflected in the 2015</p>	1 st March 2015	Strategic Plan	AFPP Manager

Decision/ Recommendation Reference	Agenda Item	Title	Text	Deadline	Deliverable(s)	Responsibility
			work Programme;			
			<p>c) In the AFPP strategic plan, the AFPP should identify available or possible implementation support from industry partners and other stakeholders, and coordinate with such entities as necessary;</p> <p>d) The AFPP prepares an implementation framework with clear steps and tasks in order to assist States develop and implement appropriate PBN action plans; and</p> <p>e) The AFPP effectively applies the principles of Collaborative Decision Making with industry and other stakeholders.</p>			
SC1/Rec05	Agenda Item 5: Industry Perspective of PBN Implementation	Collaboration between States, Stakeholders and AFPP on PBN Implementation	<p>a) States, stakeholders, ANSPs, Users, etc. be encouraged to work together for the achievement of the goal of PBN implementation;</p> <p>b) Industry partners and other stakeholders are urged to orient and align their support, activities and interventions on PBN implementation that are targeted at individual or groups of States, with the priorities and activities identified under the AFPP; and</p> <p>c) In order to support implementation, ICAO Headquarters finalize development of</p>	30 June 2015	Guidance Material	ICAO HQ

Decision/ Recommendation Reference	Agenda Item	Title	Text	Deadline	Deliverable(s)	Responsibility
			Guidance Material for operational personnel to achieve proficiency in performing PBN operations, noting that the guidance material is required by the region as a matter of urgency.			
SC1/Rec06		Formalization of Products and Services	The provision of products and services to the AFPP be formalized and in this respect, it is requested that donations such as the provision of the Geo-Titan software and its associated middleware and accessories be formalized.			
SC1/Dec07	Agenda Item 6: Report on the Implementation of 2014 AFPP Work Programme	Outstanding Tasks and commitments in 2014 Work Programme	The outstanding tasks and commitments in the 2014 AFPP work Programme that are on-going or were not implemented or completed be incorporated in the 2015 work Programme.	31 December 2014	2015 work Programme	AFPP Manager
SC1/Rec08		Coordination of AFPP Training Activities	In order to encourage effective participation in the AFPP airspace design, flight and ground validation activities, such events should, within the framework of Collaborative Decision Making, be well coordinated with and promoted through stakeholders, industry and Users.			
SC1/Rec09		Selection of AFPP Training Venues	The AFPP ensures, to the extent practically possible, that training activities are conducted in locations and venues in Africa and using where feasible, recognized training centres.			

Decision/ Recommendation Reference	Agenda Item	Title	Text	Deadline	Deliverable(s)	Responsibility
SC1/Dec10	Agenda Item 7: Global PBN Products and Services	ICAO PBN Products and Services	<ul style="list-style-type: none"> a) the AFPP applies a costing schedule as per the ICAO PBN products and services plan; b) the AFPP aligns the content of its courses/workshops with the ICAO PBN products and services plan; and c) until such time that the ICAO PBN products and services plan comes into effect, and as a transition, the AFPP coordinates the costing and content of its services with the ICAO PBN Programme office. 			
SC1/Dec11	Agenda Item 8: Proposed 2015 AFPP Flight Procedure Design pricing table	AFPP Products and services	<ul style="list-style-type: none"> a) The AFPP will engage in assisting States with procedure design services for conventional and PBN procedures as per Programme Document para 2.2.3h. However the procedure design services will not include RNP AR; b) the sub elements of the AFPP services be made available to States; c) The AFPP should provide clarification to States that procedure design service is not a turnkey project or part of a larger airspace design project to be carried out by the State; and d) The AFPP takes into account, and applies the new global policy on PBN products and services once available and effective. In the interim the consultancy fee for such 			

Decision/ Recommendation Reference	Agenda Item	Title	Text	Deadline	Deliverable(s)	Responsibility
			activities will be USD 400.00 per day.			
SC1/Dec12	Agenda Item 9: Proposed 2015 AFPP Work Programme	Implementation of Outstanding 2014 Activities and Commitments	a) Outstanding 2014 activities brought forward to 2015 should be followed up for implementation by the AFPP; and	31 December 2015	2015 work Programme	AFPP Manager
			b) States and partners that have made commitments in support of the AFPP, which are still outstanding, should honour these commitments as soon as possible, for implementation in 2015.	31 December 2015	Support	States and partners
SC1/Dec13	Agenda Item 10: Review of 2015 Budget	Annual Contributions	The annual individual contribution of an AFPP Active Participating State, for 2015, will be Ten Thousand US Dollars (US \$ 10,000)			
SC1/Rec14		Payment of Member Contributions	The steering committee strongly urges active participating States to pay their contribution for 2015 as soon as possible, and requests the AFPP to send reminders to this effect.	31 March 2015	Reminders for the payment of the annual contribution	AFPP Manager, TCB and ICAO Regional Offices
SC1/Rec15	Agenda Item 11: Any other business	AFI Air Navigation Performance Indicators and Targets	The AFPP should: <ul style="list-style-type: none"> a) take note of ANS Performance Indicators adopted by the 14th AFI Plan Steering Committee Meeting for the Region and ensure that relevant inputs are provided to APIRG in support of the development of the associated ANS targets; and 	31 March 2015	Inputs to APIRG	AFPP Manager and ICAO Regional Offices

Decision/ Recommendation Reference	Agenda Item	Title	Text	Deadline	Deliverable(s)	Responsibility
			b) Follow up on the reporting and monitoring requirements for the PBN related performance indicators and targets			
SC1/Rec16	Agenda Item 12: Venue and date for next SC meeting	Venue and date for the next SC meeting.	a) Cape Verde representative offered to host the next AFPP SC; and b) For the second SC meeting to be conducted in September or October 2015.	31 March 2015	Host venue confirmation	Hosting State (Cape Verde)

Joseph K. Maina
Chairman AFPP Steering Committee