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Fifth AFPP Steering Committee Meeting

Dakar, 6 – 8 February 2019

AFPP Phase 1 and extension achievements

Mr. Alexandre DAMIBA, AFPP Programme Manager, ICAO Western and Central African Office

Dakar,
6 February 2019



Outlines

- The African Flight Procedure Programme
- Objectives and stakeholders
- Expected outcomes
- Initial institutional framework
- Achievements for Phase 1 and Phase 1 extensions
- Improvements expected for Phase 2



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The African Flight Procedure Programme (AFPP)

A regional, sustainable programme

- Centre of Excellence;
- Launched in June 2014;
- Hosted by ASECNA in Dakar, Senegal;
- Supported by ICAO Headquarters, ESAF & WACAF Regional Offices;
- Supported by AFCAC, DGAC France, AIRBUS;
- Seconded experts by African States;
- Funded by African States.



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Objectives

To Support Performance-Based Navigation (PBN) Implementation through Capacity Building in Africa

- Assembly Resolutions A36-23, A37-11;
- ICAO Special AFI RAN 2008.

Stakeholders

Beneficiaries	ICAO	Donors	Technical Partners
<ul style="list-style-type: none">• African States• Active Participating States (APS)• User States	<ul style="list-style-type: none">• Regional Offices• Headquarters• ANB• TCB	<ul style="list-style-type: none">• States: Cote d'Ivoire, France, Ghana, Kenya, Tanzania• ASECNA• AIRBUS	<ul style="list-style-type: none">• AFCAC



Expected Outcome of the Programme

- **Enhanced Capacity in Flight Procedure, Airspace Design, regulatory approvals and related issues**
 - As evidenced by implementation and training accomplished.
- **Operational improvements**
 - Increased number of PBN procedures implemented and published in AIPs;
 - Increased number of approved local carriers for PBN operations;
 - Demonstrated evidence for improved safety and efficiency of flight operations.



Institutional Framework (Phase 1)

- Establishment of the AFPP was supported by:
 - Signing of the Letter of Intent for the African FPP by ICAO, ASECNA and DGAC France on 20 November 2012;
 - Signing of Programme Document by ICAO and ASECNA (Host Administration).
- Participating States: Any State having signed the Programme Document.
- Active Participating States (APS): Participating Members that commit to funding the programme by means of an annual financial contribution.
- User States: Participating Members who are not APS.
- Donors: non-Participating States supporting the AFPP through secondment of expert and/or provision of equipment, funds, etc. (Cote d'Ivoire, France, Ghana, Kenya, Tanzania).



ASECNA – Host Administration

- Suitable office space and furniture including maintenance and repairs;
- Computer equipment and Information Technology equipment with IT security ;
- Procedure design and charting equipment ;
- Suitably equipped facility for African FPP training courses;
- Transportation between the Programme office and supporting facilities.
- Operating and maintenance expenses related to the office facility.





France

Commitments and achievements for AFPP Phase I include:

- AFPP Manager's salary July 2013/June 2017;
- 5 licences of Géotitan Automated Procedure Design Software and associated tools;
- Géotitan and associated tools Training (4 experts);
- ENAC Training “PANS –OPS Flight Procedure Design Initial Course” (12 people);
- ENAC Training “PBN Procedure Design Instructor Course” (3 experts);
- ENAC Training “Procedure Designers Course” in Dakar (8 experts).
- Total contribution is evaluated to 950 000 Euros.



Achievements for Phase 1 and Phase 1 extension

Membership

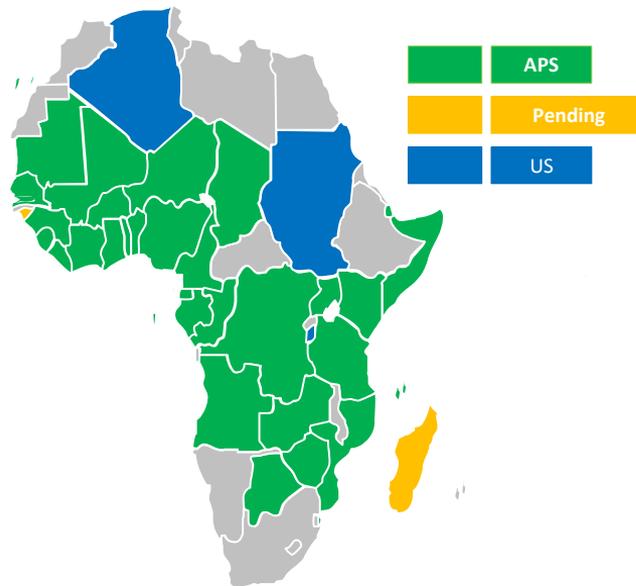
- 33 African States (APS/US/Donors)
- Steering Committee :
 - States, ASECNA, AFCAC, Donors (France, AIRBUS)

Programme budget (Funded by African States)

- Annual Contribution: 10,000 USD;
- Services: Flight procedure design projects, trainings.

Team composed of seconded experts In Flight Procedure design:

- Manager (France until June 2017)
- Other experts: ASECNA, Tanzania, Cote d'Ivoire and Kenya
- Additional expertise provided by AIRBUS, France and ICAO





Achievements for Phase 1 and Phase 1 extension

Workshops

42 African States

- National PBN Plans;
- Quality Assurance for Flight Procedure Implementation;
- PBN Airspace Design;
- PBN operational approval: **90 experts**;
- PBN for ATC/ATM;
- Aeronautical Data Origination.

Training Courses

22 States/Organizations

- Conventional design and PBN design : **78 experts**
- : On-the-Job-Training : **9 experts**



Achievements during AFPP Phase I (2014/2017)

Assistance

- National PBN Implementation States: **9 States (39 African States)** developed their Plans)
- Instrument Flight Procedures implementation: **7 States**
- **35 Conventional and 50 PBN flight procedures in 5 States / 17 airports**
- **AIRBUS Showcase**, Global PBN Implementation Project **in Sierra Leone, Guinea and Liberia**
- ICAO/EU CO₂ emission reduction project, CCO/CDO implementation at Libreville and Ouagadougou airports
- Project to improve Aviation Safety Oversight in DRC



Achievements during AFPP Phase I (2014/2017)

Assistance

- National PBN Implementation States: **9 States (39 African States)** developed their Plans)
- Instrument Flight Procedures implementation: **7 States:**
 - **67 Conventional IFP;**
 - **35 PBN IFP;**
 - **in 5 States / 17 airports**
- **AIRBUS Showcase**, Global PBN Implementation Project **in Sierra Leone, Guinea and Liberia**
- ICAO/EU CO₂ emission reduction project, CCO/CDO implementation at Libreville and Ouagadougou airports
- Project to improve Aviation Safety Oversight in DRC



Improvements expected for Phase 2

Objectives

- To continue Capacity Building of African States in PBN flight procedure implementation;
- Implement CCO/CDO training & design;
- Start advanced training (RNP AR)

Team composed of seconded experts in FPD

- ASECNA Host Administration
- Programme Manager supported by the AFPP budget;
- Permanent seconded experts in Dakar, Senegal: ASECNA, Tanzania
- Seconded experts to conduct activities: ASECNA, Ghana, Kenya (Cote d'Ivoire)

Continued Partnership with Donors

- France, AIRBUS, States, Organizations

Programme Budget

➤ Incomes

- Annual Contribution: 10,000 USD
- Flight Procedures Design
- **Training and workshops;**

➤ Expenses

- Programme Manager's salary
- Allowances to experts
- **Flight tickets**



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Improvements expected for Phase 2

Pending issues:

- A new Programme manager has been appointed since March 2018; However many issues are still to be fixed:
 - Many APS States are not paying the annual contributions;
 - Phase II is not yet officially launched;
 - The programme has to be opened to aviation organizations;

Stakeholders and APS States are urgently called to :

- Issue their annual contributions for the States;
- Plan the official launch of Phase II.



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Dakar

European and
North Atlantic
(EUR/NAT) Office
Paris

Middle East
(MID) Office
Cairo

Eastern and
Southern African
(ESAF) Office
Nairobi

Asia and Pacific
(APAC) Sub-office
Beijing

Asia and Pacific
(APAC) Office
Bangkok



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