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# AFRICAN FLIGHT PROCEDURE PROGRAMME (AFPP) ANNUAL ACTIVITY REPORT

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2019 - 2020

## Table of contents

1	Introduction .....	2
2	AFPP membership.....	2
2.1	List of the AFPP members.....	2
2.2	Prospective new members .....	3
3	Administration and finances .....	3
3.1	Administration .....	3
4	2019 work programme implementation status and activities conducted in 2020.....	4
4.1	Training activities.....	4
4.2	Project-oriented support.....	5
4.3	Other support activities.....	5
5	Highlights on the 2020 - 2021 projected activities .....	6
6	Conclusion.....	6

## 1 Introduction

In line with provisions of the Programme Document (subsection §6.3), the objective of this paper is to provide to the Steering Committee a follow up of the activities conducted since the last Steering Committee meeting.

It therefore covers the period from 9 February 2019 to 3 September 2020. It also provides highlights on year 2020 – 2021 activities.

## 2 AFPP membership

As per the section 5 of the Programme Document for Phase II, the participating members of the Project are:

- **Active Member (AM):** An African Member that commits to funding the Programme by means of an annual financial contribution in line with an approved budget;
- **User (US):** An African Member that is not an Active Member, but one that intends to use the AFPP services);
- **Observer:** A Participating Member that is not an Active Member or a User Member;
- **Donor:** A Participating Member that supports the African Flight Procedure Programme.
- **Host administration:** Organization or State hosting the Programme. During Phase II of the Programme, ASECNA is the Host Administration.

### 2.1 List of the AFPP members

As of 3 September 2020 the status of the AFPP memberships is as follows:

Status	Number	List
<b>Active members</b>	35	Angola, Benin, Botswana, Burkina Faso, Cabo Verde, Cameroon, Central African Republic, Chad, Comoros, Congo, Côte d'Ivoire, Democratic Republic of the Congo, Djibouti, , Equatorial Guinea , Eswatini, Gabon, Gambia, Ghana, Guinea Bissau, Guinea, Kenya, Madagascar, Mali, Mauritania, Mozambique, Niger, Nigeria, Sao Tome E Principe, Senegal, Sierra Leone, Somalia, Tanzania, Togo, Uganda, Zimbabwe.
<b>Users</b>	0	
<b>Observers</b>	0	
<b>Donors</b>	0	
<b>Host administration</b>	<b>1</b>	<b>ASECNA</b>
<b>Total</b>	<b>34</b>	

**Note :**

1. *AFCAC is acting as an observer; France and Airbus have contributed to the programme as donors. However, they did not sign the project document.*
2. *All ASECNA members States except France signed the project document for Phase I or Phase II signed the project document for Phase II as active members;*
3. *Eswatini and Sao Tome and Principe have signed the project document for Phase II. They will become full Active Members of the AFPP when the project document is countersigned by ICAO.*

## 2.2 Prospective new members

The Department of Civil Aviation of Mauritius requested to join the Programme but didn't provide any feedback after the Programme Document had been forwarded to them.

## 3 Administration and finances

### 3.1 Administration

AFPP also provides substantive administrative support such as emailing/communicating with headquarters, States and organizations without administrative personnel dedicated to the Programme. Despite the challenges, the following important results should be noted:

- Successive organization of the fifth Steering committee meeting: Dakar, 6 - 8 February 2019;
- Signature of Phase II Programme Document by the ICAO Secretary General: 6 November 2019;
- Signature of Phase II Programme Document by the Director General of ASECNA as Host Administration: 30 December 2019;
- Endorsement of the revised Programme Document by the seventeen (17) ASECNA Member States: 24 February 2020;
- The Programme Document for Phase II has been sent to all participating members and prospective members for information and signature. ASECNA and 16 of its member states (all except Benin and France) have signed the Programme Document for Phase II. The remaining Active Members which signed for Phase I did not sign the document for Phase II.

## 4 2019 work programme implementation status and activities conducted in 2020

### 4.1 Training activities

N°	Title	Outcome/Description	Status
1	Conventional flight procedure design course	Develop States/ANSP capabilities in the domain of the design of flight procedures	<b>Implemented</b> Venue: Mbabane, Eswatini Period : 13 May – 07 June 19 # participants: 14 Beneficiaries: Eswatini, Zimbabwe
2	PBN flight procedure design course	Develop States/ANSP capabilities in the domain of the design of flight procedures	<b>Implemented</b> Venue: Mbabane, Eswatini Period : 04 – 29 November 19 # participants: 16 Beneficiaries: Eswatini, Zimbabwe, Ghana, Kenya, Somalia
3	PBN operational workshop	Increase States capabilities for PBN operational approval	<b>Implemented</b> Venue: Dakar, Senegal Period : 17 – 21 June 19 (cooperation with TCB) # participants: 18 Beneficiaries: Congo, Kenya, Mali, Gambia, Ghana, ASECNA, Sao Tome, AFPP, ICAO
4	PANS-OPS flight procedure design course for CAAs	Enhanced capabilities of CAAs oversight officers for PBN oversight by providing basics on PANS-OPS	<b>Implemented</b> Venue: Nairobi, Kenya Period : 05 -30 August 19 # participants: 22 Beneficiaries: ASECNA, DRC, Gabon, Gambia, Ghana, Kenya, Mozambique, Seychelles
5	PBN airspace design workshop	Build States/ANSPs capabilities in airspace design With focus on CCO/CDO	<b>Implemented</b> Venue: Dakar, Senegal Period : 09 – 13 December 19 # participants: 27 Beneficiaries: AFPP, ASECNA, Cameroon, Ghana, Kenya, Niger, Nigeria, Seychelles, Tanzania, Togo
6	Quality assurance workshop	Increased understanding of quality assurance process for procedure design so as to ease oversight & regulatory approval	<b>Not Implemented</b> Postponed on time and again with due to Covid-19 threat
7	Instrument flight procedure design OJT	Complete States/ANSPs training curriculum in flight procedure design	<b>Implemented</b> Venue: Dakar, Senegal Period : various periods # participants: 05 Beneficiaries: Botswana, Cameroon & Cabo Verde
8	Flight evaluation training for pilots	Develop Flight validation capabilities in instrument procedures flight evaluation (on request of ASECNA)	<b>Implemented</b> Venue: Dakar, Senegal Period : 20 – 23 April 20 # participants: 01 Beneficiaries: ASECNA

## 4.2 Project-oriented support

N°	Title	Outcome/Description	Status
1	Conventional Flight Procedure design and charting	Wind up full instrument flight procedure design project started in 2017 (4 aerodromes). Project lasted because the VOR-DME was to be shifted.	<b>Implemented</b> IFPs not yet published State: Botswana Site : Maun and Kasane # IFPs: 6
2	PBN Flight Procedure design and charting	Wind up PBN flight procedure design project started in 2018	<b>Implemented</b> State: Côte d'Ivoire Site : Ity # IFPs: 2
3	PBN and conventional Flight Procedure design and charting	Design/update approach, departure and arrival procedures (CCO/CDO)	<b>On-going</b> State: Guinea Site : Conakry # IFPs: 13
4	PBN Flight Procedure design and charting	Design/update approach, departure and arrival procedures (CCO/CDO)	<b>On-going</b> State: Liberia Site : Robertsfield International airport # IFPs: 7
5	PBN Flight Procedure design and charting	Design approach, departure and arrival procedures (CCO/CDO)	<b>Project postponed by Zimbabwe</b> State: Zimbabwe Sites : Harare, Bulawayo # IFPs: 14
6	PBN and conventional Flight Procedure design and charting	Update conventional and PBN approach procedures	<b>Not implemented</b> State: Gambia Site : Banjul # IFPs: 11
7	PBN Flight Procedure design and charting	Design approach, departure and arrival procedures (CCO/CDO) for Sal and Praia international airports	<b>On-going (impacted by covid-19)</b> State: Cape Verde Sites : Sal & Praia # IFPs: 13
<b>Other assistance activities</b>			
1	Validation of instrument flight procedures	Assistance led to the clearance of a PANS-OPS related Significant Safety Concern (SSC)	<b>Implemented</b> State: Côte d'Ivoire Site : Abidjan # IFPs: 12
2	Approval of instrument flight procedures		
3	PBN plan updating	Updating of the national PBN implementation plan developed in 2016	<b>On-going:</b> State: Liberia
4	PBN plan development	Development of national PBN implementation plan	<b>On-going:</b> State: Liberia
5	WGS-84 survey implementation	WGS-84 data updated	<b>Implemented</b> State: Gambia Site : Banjul

## 4.3 Other support activities

These activities have been conducted but they are not part of the 2019 work Programme:

N°	Activity	Status (as of 31 March 2020)
1.	Assistance being provided to Guinea for safety assessment	<b>PARTIALLY IMPLEMENTED:</b> <ul style="list-style-type: none"> <li>• Being implemented</li> </ul>

2.	Assistance provided to ASECNA & Côte d'Ivoire for oversight issues	<b>IMPLEMENTED</b>
3.	ICAO EU CCO_CDO Project	<b>IMPLEMENTED</b>
4.	AFPP Airbus Project in Sierra Leone	<b>IMPLEMENTED</b>

## 5 Highlights on the 2020 - 2021 projected activities

In line with the project objectives traditional training activities will be conducted as allowed by the status of the pandemic. However, a PBN plan development workshop is planned by the end of 2020. In order to foster airspace design implementation in the continent, an airspace design workshop will be organized.

Heavy flight procedure design activities have to be conducted during 2020-2021. A total of 87 flight procedures are being designed or are expected to be designed during this period in seven (07) States for twelve aerodromes.

## 6 Conclusion

Many activities have been initiated, completed in 2019 while many other are planned for 2020. These activities require more human resources. However, many active members don't issue their financial annual contributions and as a result, the Programme cannot function correctly.