



African Flight Procedure Programme

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1. INTRODUCTION

1.1 The objective of this paper is to report on the activities of the African Flight Procedure Programme (AFPP) during 2nd Quarter of Year 2015.

2. MEMBER STATES OF THE AFPP

2.1 On 30th June 2015, 30 African States have signed up or indicated interest in membership of the AFPP. These States are grouped as follows:

- a) 23 States as Active Participating States (APS): Angola, Burkina Faso, Cameroon, Cape Verde, Comoros, Congo, Cote d'Ivoire, Djibouti, DRC, Gabon, Gambia, Ghana, Guinea, Kenya, Mali, Mauritania, Mozambique, Niger, Nigeria, Senegal, Tanzania, Togo and Uganda;
- b) 2 States as User States (US): Guinea Bissau and Madagascar;
- c) States whose membership applications are pending signature as APS (Rwanda) and US (Zimbabwe); and
- d) States showing interest: Botswana, Namibia and South Africa.

2.2 Botswana is the latest African States who showed interest to the Programme but has not yet committed to join the Programme.

3. ACTIVITIES

3.1 National PBN Implementation Plans

3.1.1 In finalization to the assistance provided to Cape Verde Civil Aviation Authorities (CV CAA) in relation to PBN National Implementation Plan. Plan submitted to ICAO WACAF Office in May 2015.

3.1.2 Assistance provided to Gabon Civil Aviation Authorities (ANAC-Gabon) in relation to PBN National Implementation Plan. Comments provided to ANAC-Gabon. Plan is not yet submitted to ICAO WACAF Office.



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3.1.3 Assistance provided to Niger Civil Aviation Authorities (ANAC-Niger) in relation to PBN National Implementation Plan submission. Plan was submitted to ICAO WACAF Office since 2012. ICAO Documentation was updated.

3.2 Seminars/Workshops/Training courses

3.2.1 Participation to the "PANS OPS PBN" training course in Dakar, Senegal, 1-26 June 2015. 13 experts from 9 CAA and ANSP from African States (Cape Verde (1), Cote d'Ivoire (2), Egypt (3), Kenya (1), Mauritania (1), Niger (1), Senegal (1), Tanzania (1), and Uganda (2)) participated to the course. Instructors from ENAC, France, conducted the course and the AFPP Instructors facilitated several sessions of the course. Information and actions to be launched for the OJT were distributed to participants.

3.2.2 AFPP is in capacity to organize the next PANS OPS courses. It is expected to conduct an initial course dedicated to conventional flight procedures in 3rd Quarter 2015, and a course dedicated to the PBN flight procedures could be conducted by the end of Year 2015 or beginning of Year 2016.

3.2.3 Preparation of the organization for the "Quality Assurance for flight procedure implementation" workshops, in Douala, Cameroon, initially in May and postponed 1-4 September 2015 hosted by Cameroon CAA and ASECNA and in Nairobi, Kenya, initially in September and postponed 2-6 November 2015 hosted by Kenya CAA. Expertise and facilitation will be provided by experts from AFPP and AIRBUS. The Douala Workshop will be conducted in French and the Nairobi one in English.

3.2.4 Preparation of the organization for the "PBN Operational Approval" training course in Abidjan, Cote d'Ivoire, 6-9 October 2015.

3.2.5 Preparation of the organization for the "Airspace Design" workshop in Dakar, Senegal, 9-13 November 2015, to be coupled with PANS-OPS course.

3.2.6 Preparation of the organization for the "PBN for ATC/ATM personnel" workshop whose location is to be determined and dates could be in December 2015.

3.3 Assistance to States

3.3.1 Assistance provided to Gabon Civil Aviation Authorities (ANAC-Gabon) in relation with approval of PBN flight procedures for Gamba airport, private airport whose management is delegated to Shell Gabon. Design was provided by CGX-AERO and supported by AIRBUS. AFPP Manager conducted a three-day assistance mission 24-26 March 2015 in Libreville, Gabon. Remote assistance was conducted until the final approval by ANAC-Gabon which occurred in May 2015.

3.3.2 Assistance provided to Togo Civil Aviation Authorities (ANAC-Togo). A three-day mission was conducted in Lomé, 9-11 June 2015. The objective was to present in details the regulatory approval process for an instrument flight procedure to the ANAC-Togo. An AFPP expert was accompanied by the flight procedure designer from ASECNA who designed the procedure. Representatives from ANAC-Togo, ASECNA in Togo, Lomé Airport Management and air operators based in Lomé Airport participated to the meeting.



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3.3.3 Assistance to Djibouti Civil Aviation related to PBN flight procedures designed for Djibouti International Airport was prepared to be conducted after the Quality Assurance workshop. The design was done by private company CGX-AERO.

3.3.4 Assistance to Mali Civil Aviation (ANAC-Mali) related to PBN flight procedures designed for 4 airports in the North East of Mali (Gao, Timbuktu, Kidal and Tessalit) used by MINUSMA was prepared to be conducted after the Quality Assurance workshop. The design is done by ASECNA for MINUSMA.

3.4 Flight procedures design

3.4.1 Flight procedures (conventional and PBN) design process continued for Cote d'Ivoire ANSP (SODEXAM) related to the Man Airport. Missions for flight and ground validation, was conducted in May 2015 by AFPP designer. Finalization of the project is expected for July 2015.

3.4.2 Flight procedure design (conventional and PBN procedures) was initiated for Cameroon CAA related to the Maroua International Airport. Mission for data collection and meetings as described in ICAO design process, will be conducted in July 2015 by AFPP designer. Finalization of the project is expected for December 2015.

3.5 Internal activities

3.5.1 Participation to the ATM/AIM/SAR SG/14 meeting in Dakar, Senegal, 12-14 May 2015.

3.5.2 Installation of GéoTitan software (automatic design) licences on computers of the AFPP by ENAC team. Training for use of software and internal network was also provided.

3.5.3 Exchanges with Namibia and Botswana CAAs conducted in relation with AFPP activities and Programme Document about the different Member status for African States. Namibia decided to contract a private company for flight procedures design and was supported by ATNS, South Africa for regulatory approval of the flight procedures.

3.5.4 Exchanges continued with Uganda CAAs in relation with the OJT following the June PANS OPS training courses.

3.5.5 The AFPP Strategic Action Plan was approved by the AFPP SC Chairman.

3.6 Others activities

3.6.1 Joint ICAO-AFPP/AFCAC survey on PBN was sent to States in May 2015. On 30th June 2015, 11 States provided the information back. The information will be used to update the activities of the AFPP on PBN implementation.