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# AFPP QUARTERLY REPORT

From 01 October to 31 December 2019

The objective of this paper is to report on the activities of the African Flight Procedure Programme (AFPP) during the fourth quarter of 2019, ie from 01 October to 31 December 2019.

## 1 AFPP MEMBERSHIP

### 1.1 List of AFPP members

| N°  | State/Organization | ICAO Region | Status |
|-----|--------------------|-------------|--------|
| 1.  | Angola             | ESAF        | APM    |
| 2.  | Benin              | WACAF       | APM    |
| 3.  | Botswana           | ESAF        | APM    |
| 4.  | Burkina Faso       | WACAF       | APM    |
| 5.  | Cabo Verde         | WACAF       | APM    |
| 6.  | Cameroon           | WACAF       | APM    |
| 7.  | Chad               | WACAF       | APM    |
| 8.  | Comoros            | ESAF        | APM    |
| 9.  | Congo              | WACAF       | APM    |
| 10. | Côte d'Ivoire      | WACAF       | APM    |
| 11. | Djibouti           | WACAF       | APM    |
| 12. | DRC                | WACAF       | APM    |
| 13. | Equatorial Guinea  | WACAF       | APM    |
| 14. | Gabon              | WACAF       | APM    |
| 15. | Gambia             | WACAF       | APM    |
| 16. | Ghana              | WACAF       | APM    |
| 17. | Guinea Bissau      | WACAF       | US     |
| 18. | Guinea Conakry     | WACAF       | APM    |
| 19. | Kenya              | ESAF        | APM    |
| 20. | Liberia            | WACAF       | APM    |
| 21. | Madagascar         | ESAF        | APM    |
| 22. | Mali               | WACAF       | APM    |
| 23. | Mauritania         | WACAF       | APM    |
| 24. | Mozambique         | ESAF        | APM    |
| 25. | Niger              | WACAF       | APM    |
| 26. | Nigeria            | WACAF       | APM    |
| 27. | Senegal            | WACAF       | APM    |
| 28. | Sierra Leone       | WACAF       | APM    |
| 29. | Somalia            | ESAF        | APM    |
| 30. | Tanzania           | ESAF        | APM    |
| 31. | Togo               | WACAF       | APM    |
| 32. | Uganda             | WACAF       | APM    |
| 33. | Zimbabwe           | ESAF        | APM    |

#### Notes:

1. APM (Active Participating Member) : Member that commits to funding the Programme by means of an annual financial contribution in line with an approved budget;

2. US (User): A participating member that is not an active member, but intends to use the AFPP services;
3. The following States/Organizations wish to join the Programme as APM: Eswatini ( Swaziland), Sao Tome and Principe and Zambia Airport Authority;
4. South Africa, Seychelles and Mauritius announce the possibility for them to join the Programme;
5. ASECNA paid for 14 out of 17 ASECNA countries in 2019:
  - ✓ Benin;
  - ✓ Burkina Faso;
  - ✓ Cameroon;
  - ✓ Chad;
  - ✓ Comoros;
  - ✓ Congo;
  - ✓ Côte d'Ivoire;
  - ✓ Gabon;
  - ✓ Equatorial Guinea;
  - ✓ Mali;
  - ✓ Mauritania;
  - ✓ Niger;
  - ✓ Senegal;
  - ✓ Togo.
6. The following ASECNA States are expected to join the Programme as APM: Central African Republic, Guinea Bissau.
7. Madagascar change it status to APM but the change is not yet endorsed by the ICAO Secretary General.

## 1.2 Membership summary table

| Year | APS | US | Total | Pending APM | Pending US |
|------|-----|----|-------|-------------|------------|
| 2019 | 32  | 1  | 33    | 8           | -          |

## 2 2019 PROGRAMME OF ACTIVITIES

### 2.1 Programme of activities

| Domain                            | Text  | Activity  | Status                           |
|-----------------------------------|---|---|----------------------------------|
| <b>Administration and finance</b> |   |   |                                  |
| Administration                    | <b>Outcomes:</b> Built a robust Programme Document for AFPP Phase II  |   |                                  |
|                                   | <b>Programme Document:</b> The Programme document has been revised (Revision A) and approved by the Steering Committee meeting held in last February. | Get the new Programme Document signed by both ICAO and ASECNA | Signed on last December          |
| Finance                           | <b>Outcomes:</b> Improve the AFPP financial status by applying the Decisions of SC/5  |   |                                  |
|                                   | Arrears in contribution: the amount corresponding to the arrears in annual contributions is 261 000 USD   | Send reminder letters to the concerned members States         | Letters have been sent in August |
| <b>Participation to meetings</b>  |   |   |                                  |
|                                   |   |   |                                  |
| <b>Training courses</b>           | <b>Outcomes:</b> Develop States' PBN capability and conventional flight procedures design and related issues.   |   |                                  |

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|---|--|--|---|
|   | <p><b>PBN flight procedure design course (5B):</b> Training related to PBN procedures, for participating experts to become PANS OPS instrument flight procedures designers. Expertise and facilitation will be provided by AFPP PANS OPS Instructors. 20-day session dedicated to PBN procedures, as part of the 2019 AFPP Work Programme and organized at Manzini, Kingdom of Eswatini.</p> | <p>Flight procedures design PBN course to conduct for 12 experts from States and Organization.</p>                       | <p>Done in November, 16 participants from 5 States</p>  |
| <b>Workshops</b>                          | <p><b>Outcomes:</b> Develop States' capability for airspace design, CCO/CDO, PANS-OPS oversight, quality assurance and PBN approvals.</p>  |  |   |
|   | <p><b>Airspace design workshop:</b> Provide knowledge to State &amp; Organization on PBN airspace design focused on CCO/CDO design. Expertise and facilitation is provided by consultant. Venue is Dakar.</p>  | <p>Conduct PBN airspace design for States/Organizations experts.</p>   | <p>Done in December 2019</p>                            |
|   | <p><b>Quality assurance process for instrument flight procedure implementation:</b> Provide knowledge to State/Organization on the ICAO Quality Assurance process for instrument flight procedures' implementation.</p>  | <p>Conduct Quality assurance workshop for States/Organizations</p>   | <p>Postponed to April</p>                               |
| <b>Instrument flight procedure design</b> |  |  |   |
|   | <p><b>Outcomes:</b> Conventional and PBN Flight procedures implementation at International and Domestic airports.</p>  |  |   |
|   | <p><b>Gambia</b><br/>To respond to request from Gambia CAA for updating PBN flight procedures at Banjul International Airport. Project concerns all steps of implementation process (Doc 9906). Flight procedure designer from Ghana CAA will be part of the AFPP design project team. Proposal is under signature by Gambia CAA.</p>  | <p>Update the existing instrument flight procedure of Banjul international airport. Activity conducted by AFPP team.</p> | <p>Waiting for the completion of the WGS-84 survey.</p> |
|   | <p><b>Cote d'Ivoire</b><br/>To respond to request from Cote d'Ivoire CAA (ANAC-CI) for PBN flight procedures design at Ity Airport, managed by private company. Project concerns all steps of implementation process (Doc 9906). Flight procedure designer from SODEXAM, ANSP for domestic airports in Cote d'Ivoire, is part of the AFPP design project team.</p>                           | <p>Activity conducted by AFPP Team in cooperation with Cote d'Ivoire CAA to implement PBN flight procedures.</p>         | <p>Procedures approved and pending publication.</p>     |

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|---|--|--|---------------------------------|
|   | <p><b>Zimbabwe</b><br/>To respond to request from Zimbabwe CAA for design for PBN flight procedures at Harare and J.M. Nkomo International Airports; proposal was forwarded to CAA. Project concerns all steps of implementation process (Doc 9906). Activity is postponed after OJT to be conducted on January and March 2018 for 2 flight procedure designers.</p> | Activity conducted by AFPP Team in cooperation with Zimbabwe CAA to implement PBN flight procedures. | On-going                        |
|   | <p><b>Guinea Conakry</b><br/>To respond to request from Air Navigation Agency of Guinea for review of conventional and PBN flight procedures at Conakry international airport, information was provided to CAA. Project concerns update of magnetic variation and application of new design criteria.</p>  | Activity conducted by AFPP.  | On-going                        |
|   | <p><b>Cameroon</b><br/>To respond to the request from Cameroon Civil Aviation authority of Cameroon, conduct a full OJT for a national designer leading to the publication of the procedures.</p>  | Activity conducted by AFPP Team  | Started in November             |
|   | <p><b>Liberia</b><br/>To respond to request from Liberia CAA for the updating of PBN flight procedures at Roberts International Airport. Prior to the design, WGS-84 survey has to be conducted.</p>   | Activity conducted by AFPP.  | Started in September.           |
|   | <p><b>Cabo Verde</b><br/>To respond to request from Cabo Verde CAA for the design of PBN flight procedures and Updating of conventional flight procedures at Sal and Praia International Airports.</p>   | Activity conducted by AFPP.  | Started in December             |
| <b>Assistance to States</b>             |  |  |                                 |
| National PBN implementation plan (NPIP) | <b>Outcomes:</b> Build robust National PBN Implementation Plan (NPIP)  |  |                                 |
|   | <p><b>All States</b><br/>AFI States have been called urged by APIRG 22 meeting to develop or review NPIP.</p>  | Follow up of States that haven't yet developed NPIP  | 8 States in ESAF and 2 in WACAF |
|   | <p><b>Liberia</b></p>  | Activity launched in September   | On-going                        |

|  |   |  |          |
|--|---|--|----------|
|  | Assistance is being provided to Liberia for updating their national PBN implementation plan.  |  |          |
| Instruments flight Procedure Oversight | <b>Outcomes:</b> Regulatory approval of instrument flight procedures at international and domestic airports in State.   |  |          |
|  | <b>All States</b><br>Assistance to be provided to CAAs in relation to instrument flight procedure (conventional and PBN) implementation process, including regulatory approval of PBN flight procedures | A workshop related to this need will be organized. | On-going |
|  |   |  |          |

## 2.2 Upcoming activities

The following are expected:

1. Signature of the Phase II Programme document by States/Organizations;
2. Quality Assurance for Instrument Flight Procedures Implementation;
3. OJTs for Cabo Verde, Cameroon and Niger;
4. Organize the sixth AFPP Steering Committee Meeting
5. Design activities:
  - ✓ Botswana: Design of conventional flight procedures for 2 airports (Maun and Kasane);
  - ✓ Gambia: formal agreement of Gambia CAA for the review of PBN and conventional flight procedures at Banjul;

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