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国际民用
航空组织

Bureau Afrique Occidentale et Centrale / Western and Central African Office

T1/32 - 0464

26 August 2019

**Subject: PBN Flight Procedure Design Course, Manzini, Kingdom of Eswatini,
(African Flight Procedure Programme / AFPP) 04 – 29 November 2019**

Action Required: To confirm participation not later than 21 October 2019

Dear Sir/Madam,

I have the honour to inform you that a **PBN Flight Procedure Design Course** will be conducted for the benefit of African States, at the Institute of Development and Management (IDM), in Manzini, Kingdom of Eswatini, from 04 to 29 November 2019, to which your Administration/Organization is kindly invited.

The aim of this course is to assist African States in the implementation of ICAO Assembly Resolutions A37-11 (Performance-based navigation global goals) and A38-7 (Comprehensive Regional Implementation Plan for Aviation Safety in Africa), by developing and enhancing their instrument flight procedure capability.

The course is the second step of a thorough training to design any IFR trajectory in the AFPP activities framework. In this course, PBN concept, regulations and practical materials in order to perform the design and the computation of PBN flight procedures (departure, arrival, and approach) are presented. On the last week, each candidate will be asked to provide a design project for a dedicated site. Participation thereof to this course is essential to end up theoretical part of the flight procedure designer training to be completed by an On-the-Job Training (OJT) as practical part.

The referenced regulations are ICAO documentation related to the PBN; Doc 8168 vol.2 (Visual and instrument flight procedures design), Doc 9613 (PBN Manual) and Doc 9906 vol.1 (Quality Assurance Manual).

Upon completion of this course, successful candidates will be able to conduct PBN flight procedure design or relevant activities (validation, airspace design, PBN oversight and regulatory approval) in accordance with ICAO Doc 8168 vol.2 and Doc 9906 vol.1.

Nominated candidates should be Air Navigation Officers (Air Traffic Controller, Air Navigation Engineer) or pilots employed by a regulatory authority, or an authorized service provider who are required to be qualified to conduct instrument flight procedures design in accordance with ICAO Doc 8168 and ICAO Doc 9906. They should have adequate communication skills in English and are expected to be experienced Senior Officers. Suitable candidates include current or former instrument flight procedure designer or ATM Officers.

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Enrolment to the course is limited to 15 participants, and nominated candidates having participated at PANS-OPS flight procedures design courses related to conventional arrival and departure trajectories, conventional and precision approaches could participate at the course with maximum of two (2) qualified participants and priority order given by each State/Organization. Relevant resume of each nominee will be included as part of the registration to assist candidate selection process. An evaluation could be taken before approving registration.

However priority will be given to officers who participated in the PANS OPS flight procedures design initial course previously organized by the AFPP. Candidates retained after selection process will be individually informed and a waiting list will be provided for other candidates.

As per decision SC/5-Dec04 of the Steering Committee, the course is free of charge for Active Participative Members (APM) of the African Flight Procedure Programme (AFPP) in good standing with regards to their annual contributions to the Programme. All other States interested in participating, will be considered, if space is available, with a 4,000 USD fee. Your Administration/Organization is expected to fund the travel, accommodation and living expenses for candidates retained for course participation.

The PANS-OPS PBN Flight Procedures Design Course will be conducted by AFPP flight procedures design instructors. Documentation, which will be issued in English, is being prepared based on the attached agenda (Annex A) and will be posted on the following AFPP website as soon as it is available: www.icao.int/wacaf/african-fpp.

Please note that the use of hard copy (paper) documentation at the course will be kept to a minimum, in favour of the use of multimedia projectors and electronic copies of documents. Other than in exceptional cases, documentation will not be provided in hard copy format. Participants are encouraged to bring along suitable computer equipment and accessories such as laptops and USB keys to the workshop to enable them to participate effectively.

You are kindly requested to nominate your participant(s) with resume and priority order as soon as possible but in any case not later than **21 October 2019**. Please complete and return the registration form (Annex B) to the following e-mail addresses:

- icaowacaf@icao.int;
- icaoesaf@icao.int;
- AMane@icao.int;
- dieudkasskass@gmail.com;
- pechinyama@yahoo.com with copy to:
- Adamiba@icao.int.

The information bulletin with a list of suggested hotels in Manzini is attached to this letter.

Please accept, Sir/Madam, the assurances of my highest consideration.


Mam Sait Jallow
Regional Director

Attachment A : Draft Agenda

Attachment B : Registration Form

Attachment C : Information Bulletin

Attachment D : List of hotels