



International  
Civil Aviation  
Organization

Organisation  
de l'aviation civile  
internationale

Organización  
de Aviación Civil  
Internacional

Международная  
организация  
гражданской  
авиации

منظمة الطيران  
المدني الدولي

国际民用  
航空组织

Bureau Afrique Occidentale et Centrale / Western and Central African Office

T1-32 - 0163

20 March 2019

**Subject: PANS-OPS Flight Procedure Design Initial Course Mbabane, Kingdom of Eswatini (Ex Swaziland), 13 May - 07 June 2019**

**Action Required: Reply to confirm participation not later than 29 April 2019**

Sir/Madam,

I have the honour to inform you that a **PANS-OPS Flight Procedure Design Initial Course** will be conducted for the benefit of the African States, in Mbabane, Kingdom of Eswatini, from **13 May to 07 June 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 first step of a thorough training to design any IFR trajectory or improvement of current practice. During this course, general concepts and regulatory principles that govern the design and the computation of standard arrival procedures, and non-precision approaches using the conventional nav aids will be presented. The reference documents are ICAO Doc 8168-OPS/611 (PANS-OPS) and Doc 9906 (Quality Assurance Manual).

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

Enrolment will be limited to 15 participants to the course in order to provide the best training environment.

To this end, you are cordially invited to nominate a maximum of two qualified participants for attendance at this course. Since the AFPP Office expects that there will be a considerable demand, priority should be indicated if more than one person is nominated. Relevant resume of each candidate should be included as part of the registration to assist in the candidate selection process.

The course registration cost is free of charge for active participating States/Organizations of the African Flight Procedure Programme (AFPP).

All other States interested in participating, will be considered, subject to availability of seats, with a 4,000 USD fees.

.../...

Nominated candidates should be air navigation officers (Air Traffic Controller, Aeronautical Information Servicer Officer, Air Navigation Engineers, etc.) or pilots employed by a regulatory authority, or an authorized service provider who are required to be qualified to conduct instrument flight procedures design, validation or approval in accordance with ICAO Docs. 8168 and 9906. Current or former instrument flight procedure designers or ATM involved in flight regulatory approval process are also accepted. They should have adequate communication skills in English and are expected to be senior experienced officers.

The PANS-OPS Flight Procedures Design Initial Course will be facilitated by AFPP instructors as per the attached draft agenda (**Attachment A**).


The course will be conducted in English and the documentation, which will be provided in this language, is being prepared based on the attached agenda and will be posted on the following ICAO websites as soon as it is available: [www.icao.int/wacaf](http://www.icao.int/wacaf), [www.icao.int/esaf](http://www.icao.int/esaf) and [www.icao.int/wacaf/african-fpp](http://www.icao.int/wacaf/african-fpp).

Please note that the use of hard copy documentation at the course will be kept to a minimum. Participants are encouraged to bring along suitable computer equipment and accessories such as laptops, scientific calculators and USB keys to the workshop to enable them participate effectively.

You are kindly requested to nominate your participant(s) as soon as possible but in any case not later than **29 April 2019**. Please complete and return the registration form (**Attachment B**) to the following e-mail addresses [icaowacaf@icao.int](mailto:icaowacaf@icao.int) et [icaoesaf@icao.int](mailto:icaoesaf@icao.int) with copy to [amane@icao.int](mailto:amane@icao.int), [afpplex@gmail.com](mailto:afpplex@gmail.com).

The information bulletin with a list of suggested hotels in Mbabane is attached to the letter (**Attachment C**).

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

  
for: Mam Sait Jallow  
Regional Director

**Attachment A** : Draft Agenda  
**Attachment B** : Registration Form  
**Attachment C** : Information Bulletin