



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

Ref.: LN3/24.1-SA5342
Lt2/6B.95

Lima, 22 June 2017

To: Mr. Frédéric Guignier, Regional Director of Civil Aviation Authority (DSAC) for French Antilles and French Guiana
Mr. Jerome Journet, Regional Director, West Indies and French Guiana
Mr. Jean-Michel Pubellier, Deputy Regional Director, West Indies and French Guiana
Mr. Michel Arenó, Head of French Guiana Air Control Centre Cayenne-Félix Eboué Airport, Head of the Aircraft Search and Rescue RCC
Lt. Col. Egbert Field, Guyana Civil Aviation Authority
Mr. Jerry Miranda, Ministry of Public Works, Suriname

Subject: **RLA/06/901 - Second PANS-OPS implementation workshop (PANS-OPS/2)**
Lima, Peru, 18 to 22 September 2017

Action
required: Take note and confirm participation by **08 September 2017**

Sir,

I have the honour to refer to Conclusion SAM/IG/18-1 "*PANS-OPS recommendations for harmonising instrument procedures in the SAM Region*", as well as to the programme of activities approved for 2017 with the aim of promoting PBN implementation, as reported during SAM/IG/19 meeting.

On this regard, and considering the requirements for the follow-up of the South American airspace optimization goals established in the Bogota Declaration, the **Second PANS-OPS implementation workshop (PANS-OPS/2)** has been included within the programme of activities of RLA/06/901 Project for the current year. The workshop will be held at this Regional Office from **18 to 22 September 2017**.

This workshop is aimed to continue with the harmonisation in the application of advanced PANS-OPS criteria, as well as to present and define, if required, recommendations concerning technical issues regarding the design of PBN instrumental procedures. The objectives and requirements of the workshop, as well as the tentative work programme, are detailed under **Attachment A**.

I would like to reiterate the importance of the profile of experts in events of this nature, in order to ensure the achievement of the expected objectives (**Attachment B**). Under **Attachment C** you will find additional information on administrative details and financing alternatives offered for the participation of your experts.

Please be aware that the workshop will be conducted in Spanish, with English simultaneous interpretation service **only if confirmation of English speaking States' participants is received in this Regional Office no later than 01 September 2017.**

It is worth to mention that this event will be possible thanks to the contribution of your State to Regional Project RLA/06/901, taking into account that part of the annual fee sent to the International Civil Aviation Organization (ICAO) has an issue established for this purpose.

According to the aforesaid, and taking into consideration the importance of this event, I am pleased to invite your Administration to design expert(s) to participate in this second workshop, by submitting, if applicable, the attached registration form (**Attachment D**) duly filled out for each participant, by e-mail (icaosam@icao.int), no later than **08 September 2017**.

Messrs. Fernando Hermoza Hübner, ATM/SAR Regional Officer (fhermoza@icao.int), and/or Roberto Sosa España (rsosa@icao.int), ANS & SFTY Regional Officer, remain at your disposal for any consultation or advice experts involved in the airspace optimization procedures may have.

Accept, Sir, the assurances of my highest consideration.



Franklin Hoyer
Regional Director
ICAO South American Office
Lima

Enclosure

As indicated

cc: Mr. Claude Miquel, Deputy Director, Antilles-Guyane, French Antilles
Dr. Joyce Blokland-Wijnstein, Permanent Secretary, Directorate of Transport and Communication, Suriname
Mr. Faizel Baarn, Head of Civil Aviation Department, Suriname
Mr. Brian De Souza, Director, CASAS, Suriname
Mr. Marcus Doller, Air Safety Support Intl. (ASSI), United Kingdom
Mr. Bruce D'Ancey, Policy Specialist, Flight Ops, Air Safety Support International (ASSI), United Kingdom

ATTACHMENT A

OBJECTIVES AND REQUIREMENTS

SECOND WORKSHOP ON PANS-OPS IMPLEMENTATION

(PANS-OPS/2)

(Lima, Peru, 18 to 22 September 2017)

During the First PANS-OPS workshop (September 2016), designers of procedures and airline specialists had the opportunity to jointly analyse amendments made to ICAO Doc. 8168 and Circular 336 concerning the design of RNAV and RNP instrument approach procedures, as well as the interpretation of some requirements in navigation, PBN concept, use of logical support, publications and other regional harmonisation measures.

With a view to consolidating the harmonisation of concepts regarding instrumental procedures and their related processes in favour of safety and airspace efficiency, the Second PANS-OPS implementation workshop is aimed at continuing with the coordination and harmonisation of PBN implementation process in the SAM Region. It is also focused in defining courses of action regarding the application of complex criteria of Doc 8168, promote the standard publication of procedures, identify the operational needs of users and airlines, and recommend the application of solutions that address to specific PBN implementation issues.

In this sense, tentative work programme of the workshop is presented as follows.

TENTATIVE WORK PROGRAMME

HOUR	Monday 12	Tuesday 13	Wednesday 14	Thursday 15	Friday 16
0830 0900	Register of participants	Presentation of SAM State/Territory on PANS-OPS – PBN implementation	Detailed review of the PANS-OPS/I workshop report	Digital terrain model use (ASTER, SRTM) for PANS-OPS design	Workshop assessment - Survey
0900 0915	Opening ceremony				
0915 1000	Overview of the workshop	Presentation of SAM State/Territory on PANS-OPS – PBN implementation	Database encoding and additional information	Publication of minimum altitudes in SIDs	
1000 1015	<i>Coffee break</i>	<i>Coffee break</i>	<i>Coffee break</i>	<i>Coffee break</i>	<i>Coffee break</i>
1015 1100	Progress summary of Version 04 of route network and CAR Region co-ordinations	Presentation of SAM State/Territory on PANS-OPS – PBN implementation	Approach procedures designation (Circular 336)	Publication in OCA or OCH charts / Elimination of DA or DH publication, as well as ceiling	Next PANS-OPS activities
1100 1200	Presentation of SAM State/Territory on PANS-OPS – PBN implementation	Presentation of SAM State/Territory on PANS-OPS – PBN implementation	Requirements for flight validation and validation in simulator	Application of CCO/CDO techniques in low volume air traffic airports	
1200 1300	<i>Lunch</i>	<i>Lunch</i>	<i>Lunch</i>	<i>Lunch</i>	Closing ceremony
1300 1345	Presentation of SAM State/Territory on PANS-OPS – PBN implementation	CONOPS PBN 2018-2020 for the South American Region	Visual RNAV procedures	Approach angles in runways with high temperatures and/or elevation	
1345 1430	Presentation of SAM State/Territory on PANS-OPS – PBN implementation	Information from the IFPP Panel member	Engine out missed approach	THR displacements out of AIRAC dates	
1430 1445	<i>Coffee break</i>	<i>Coffee break</i>	<i>Coffee break</i>	<i>Coffee break</i>	
1445 1600	Presentation of SAM State/Territory on PANS-OPS – PBN implementation	Information from the IFPP Panel member	RNP AR procedures / RNP AR tailored systematic harmonized regional publication procedures	Review and conclusions of the workshop	

ATTACHMENT B

PROFILE OF PARTICIPANTS

Regarding optimal profile of participants, it is recommended that each State designates at least one qualified PANS-OPS specialist, with a wide range of experience in PBN instrument flight procedures design.

Additionally, taking into account the importance of user feedback and the input from their experience on instrumental approaches based on PBN, the participation of instrument procedure designers and airline pilots/technicians/operation engineers is considered highly beneficial. This will allow examining aspects on the performance of different types of aircraft and identifying operational requirements of airlines.

ATTACHMENT C

GENERAL INFORMATION

Language and documentation:

Please note that training will be conducted in Spanish, with simultaneous English interpretation only if sufficient English speaking participants provide registration no later than **01 September 2017**. General information and pertinent documentation will be published as soon as available at the ICAO South American Regional Office's website:

<http://www2010.icao.int/SAM/Pages/MeetingsDocumentation.aspx?m=2017-PANSOPS2>

*RLA/06/901-Second PANS-OPS Implementation Meeting
(PANS-OPS/2)*

Financing alternatives:

States who wish send experts to attend this workshop, could make use of the following financing alternatives:

- a) Fellowships from a national ICAO Technical Cooperation Project approved for your State;
- b) One (1) fellowship sponsored by Regional Project RLA/06/901 for each State participating in this Project, that does not count on the previous alternative, and having the interested Administration to provide the air tickets to and from the host country: or
- c) Own resources of your Administration, in the lack of any of the previous alternatives.

For participants who require a fellowship, the *ICAO Fellowship Nomination Form* is attached, to be completed and submitted to this Regional Office no later than **08 September 2017**.



ADJUNTO D / ATTACHMENT D

ORGANIZACIÓN DE AVIACIÓN CIVIL INTERNACIONAL
INTERNATIONAL CIVIL AVIATION ORGANIZATION

RLA/06/901 Regional Project / Proyecto Regional RLA/06/901

SEGUNDO TALLER DE IMPLANTACIÓN PANS-OPS

SECOND WORKSHOP ON PANS-OPS IMPLEMENTATION
(PANS-OPS/2)

Lima, Perú, 18 al 22 de septiembre de 2017 / Lima, Peru, 18 to 22 September 2017

FORMULARIO DE REGISTRO / REGISTRATION FORM

1. Estado/*State*:
Organismo/*Organization*: _____

2. Nombre/*Name*: _____

3. Cargo/*Position*: _____

4. Participa como / *Participates as*:

Miembro/*Member* Alternativo/*Deputy* Delegado/*Delegate* Observador/*Observer* / Ponente/*Lecturer* Instructor/*Instructor* Alumno/*Student*

5. Dirección oficial /
Business address: _____

6. Tel.: _____ E-mail: _____

7. Hotel o dirección en
la ciudad/ *Hotel or*
local address: _____

8. Información de vuelo/ *Flight information*: Vuelo llegada/ fecha/ hora/
Arrival flight/ date/ hour: _____

Vuelo salida/ fecha/ hora/
Departure flight/ date/ hour: _____

Firma/*Signature*: _____ Fecha/*Date*: _____