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Civil Aviation
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Международная
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منظمة الطيران
المدني الدولي

国际民用
航空组织

LN3/24.1 - SA5090
LT2/6B.60

Lima, 12 February 2015

To: Mr. Philippe Guivarch, Regional Director of Civil Aviation, West Indies and French Guiana
Mr. Zulficar Mohamed, Director General, Civil Aviation Authority, Guyana
Mr. Falisie Jozef Pinas, Minister of Transport, Communication and Tourism, Suriname

Subject: **RLA/06/901 Regional Project – Third Workshop on PBN Airspace Design in the SAM Region**
(Lima, Peru, 09 to 13 March 2015)

Action
required: Take note and nominate participants no later than **27 February 2015**

Sir,

I have the honour to address you this letter with reference to my communication LN3/24.1-SA5921 dated 8 December 2014 (copy attached for easy reference), informing your Administration on the activities proposed by Conclusion SAM/IG/14-2 (*Meetings and resources required for the conduction of activities under the South American Airspace Optimisation Action Plan*), adopted by SAM/IG/14 (Lima, Peru, November 2014), to be approved by the RLA/06/901 Regional Project Coordination Committee, aiming to continue with PBN implementation in the SAM Region, in achievement of goals established by the Declaration of Bogota.

In such sense, in order to continue with PBN implementation at the Terminal Areas selected during the two workshops on PBN held in 2014, I am pleased to invite your Administration to participate at the **Third Workshop on PBN Airspace Design in the SAM Region**, to be held in Lima, Peru from **9 to 13 March 2015**, under the support of RLA/06/901 Regional Project.

This Third Workshop is intended to validate airspace concepts of the TMAs selected by States, mainly at the safety and efficiency point of view. Under **Attachment A** you will find the objectives and requirements of this workshop. Likewise, I would appreciate your paying special attention to the profile and continued participation of experts in the various events of this nature, in order to ensure the achievement of the expected objectives (see Attachment A).

Moreover, please be informed that in order to achieve the objectives for the developing of this Third Workshop on PBN Airspace Design, the following requirements are to be complied:

- a) Send to this Regional Office (icaosam@icao.int), **before 20 February 2015**, the design of the selected TMA/airspace.
- b) Participate in the Third PBN workshop preparation teleconference that will be held on following date:

- 25 February

Under **Attachment B** you will find additional information on administrative details and financing alternatives for the participation of your experts. Please note that fellowships for this workshop have to be approved by RLA/06/901 Regional Project Coordination Committee. This event has been covered 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, I am pleased to invite your Administration to design experts to participate in this important workshop, by submitting, if applicable, the attached registration form (**Attachment C**) duly filled out for each participant, by e-mail (icaosam@icao.int) or by fax (+511 611 8689), to be received at this Regional Office no later than **27 February 2015**.

Messrs. Julio de Souza Pereira, Regional Officer ATM/SAR (jpereira@icao.int) and Roberto Arca, Regional Office ATM/SAR/AIM (rarca@icao.int) of the ICAO South American Regional Office, are the designated focal points for this Workshop and are willing to assist you in case the experts have any question/advice that need to be solved.

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 of Civil Aviation, West Indies and French Guiana
Mr. Olivier Jouans, Regional Director of ATM services, West Indies and French Guiana
Mrs. Thelma Douglas Pinas, Permanent Secretary, Ministry of Transport, Communication and Tourism, Suriname
Mr. Robby Venlo, acting Director of Civil Aviation Department, Suriname
Mr. Brian De Souza, acting Director, CASAS, Suriname

ATTACHMENT A

PBN TRAINING STRATEGY

SAM/IG/14 Meeting (Lima, Peru, 14 to 28 November 2014), adopted the Conclusion SAM/IG/14-3 (*PBN implementation in the South American TMAs*), in view of continuing with the PBN implementation process in the principal South American TMAs calling upon the States to meet the following requirements:

- a) Develop an implementation action plan for the incorporation of the PBN airspace concept in the TMA/airspace selected in order to shape the PBN Project in the SAM Region.
- b) Supplement the compilation and processing of data, in view of providing consistency to the PBN design of the TMA and/or airspace selected by the State.
- c) Develop, if necessary, a new PBN airspace concept, based on the compilation, processing of data and recommendations of the PBN/2 Workshop.
- d) Perform the validation phase of the preliminary design, considering the minimum requirements mentioned in the summary of the PBN/2 Workshop.
- e) Review, if necessary, the airspace concept based on the validation results, until a satisfactory PBN design is obtained in order to follow up to the implementation phase, that should be presented during the PBN/3 Workshop.
- f) Send the preliminary PBN design of the TMA and/or airspace selected, to this Regional Office (icaosam@icao.int), before 27 February 2015.
- g) Participate in the teleconference that will be held on following date:
 - 25 February 2015

The objective of these preparation PBN/3 Workshop teleconference is to resolve any doubts, as well as to seek a preliminary harmonization between the designs and action plans, to be submitted to this Regional Office.

The PBN Airspace Design workshops are targeted to train participants on the application of PBN in both Terminal Areas (TMA) and en-route, including ATM/COM/NAV/SUR capabilities of States, as well as traffic volume, fleets mix, equipment and traffic flows to solve real operational problems in a selected airspace. The philosophy will be to apply an end-to-end approach along a significant traffic flow.

During the Third Workshop on PBN Airspace Design in the SAM Region, it is intended to validate the PBN designs for the TMAs and/or airspaces selected by SAM States from the safety and efficiency point of view.

Regarding the optimal profile of participants, it is recommended that States send at least one expert on airspace planning, with experience in terminal area and/or route design, and one qualified expert in instrument procedure design, with experience in the use of Auto-Cad software or other computer design tools, to attend the workshop. Participants are expected to work directly on the design and implementation of the selected terminal area, defining clear dates and milestones for the incorporation of the new airspace structure and will be responsible to submit their basic preliminary design in the upcoming workshops, for its harmonization and improvement, along with an implementation action plan.

Additionally to the required specific profile, it is considered that procedure designers and airline pilots/technicians/operation engineers would be of special assistance in the workshops for the assessment of procedures and to illustrate participants on the performance of different types of aircraft.

Considering the scope and importance of this event, in order to optimise training it is deemed advisable for the participating experts to have plans to remain in the Administration for at least 5 years after training is completed, in order to ensure the transfer of knowledge to other experts and achieve an optimal implementation of PBN. Moreover, in order to achieve the proposed objective, it is desirable that the participants of these workshops should be the same.

ATTACHMENT B

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 by **27 February 2015**. General information and pertinent documentation will be published as soon as available at the ICAO South American Regional Office's website:

http://www.icao.int/SAM/Pages/ES/meetings_ES.aspx -
Third Workshop on PBN airspace design in the SAM Region

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) TWO fellowships 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 (to be approved by RLA/06/901 Regional Project Coordination Committee): 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 **27 February 2015**.



ADJUNTO C / ATTACHMENT C

ORGANIZACIÓN DE AVIACIÓN CIVIL INTERNACIONAL
INTERNATIONAL CIVIL AVIATION ORGANIZATION

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

TERCERA REUNIÓN SOBRE DISEÑO PBN DEL ESPACIO AÉREO EN LA REGIÓN SAM
THIRD MEETING ON PBN AIRSPACE DESIGN IN THE SAM REGION

Lima, Perú, 09 al 13 de marzo de 2015 / Lima, Peru, 09 to 13 March 2015

FORMULARIO DE REGISTRO / REGISTRATION FORM

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

2. Nombre/*Name*: _____

3. Cargo/*Position*: _____

4. Participa como / *Participates as*:

Miembro/ Alternativo/ Delegado/ Observador Ponente/ Instructor/ Alumno/
Member Deputy Delegate Observer Lecturer Instructor 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/ Vuelo llegada/ fecha/ hora/
Flight information: *Arrival flight/ date/ hour*: _____

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

Firma/
Signature: _____ Fecha/
Date: _____