



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

*When replying please quote:*

Ref.: NT-N1-8.2.24 — **EMX0245**

11 March 2015

To: States, Territories and International Organizations

Subject: **Workshop on Regional Implementation on Performance-Based Navigation PBN  
Airspace Redesign for the CAR Region**  
(Mexico City, Mexico, 4 to 8 May 2015)

Action

Required: Register participation by **3 April 2015**

Sir/Madam:

As follow-up to the PBN implementation process, I am pleased to invite your Administration/Organization to participate in the Workshop on Regional Implementation on PBN Airspace Redesign for the CAR Region to be held at the ICAO NACC Regional Office in Mexico City, Mexico, from 4 to 8 May 2015.

The working languages of the workshop will be English and Spanish, and simultaneous interpretation will be provided if sufficient participants of both languages register by **3 April 2015**.

The workshop activities are designed for participants to carry out practical exercises for PBN airspace concept redesign, which includes the Terminal Control Area (TMA), en-route operations, Continuous Climb Operations and Continuous Descent Operations (CCO/CDO) and Air Traffic Management (ATM) capabilities to resolve airspace operational problems, as well as to review State PBN operational approval principles.

Airspace planning specialists, air traffic controllers, pilots and inspectors from States and international organizations are expected to attend and to present respective projects for new airspace structure implementation with clear dates and milestones.

The provisional programme of the workshop is at **Attachment A**.

You are kindly requested to complete in Word and send by e-mail the Registration Form at **Attachment B** for each participant by **3 April 2015**.

.../2

The list of suggested hotels, ICAO NACC Regional Office location, hotel sector maps, as well as other useful information is available on the “Visiting Our Office?” section of the ICAO NACC Regional Office website: [http://www.icao.int/NACC/Pages/visitors\\_info.aspx](http://www.icao.int/NACC/Pages/visitors_info.aspx). Participants are encouraged to make reservations directly with the hotels in a timely manner.

All workshop documentation will be placed on the following web page: <http://www.icao.int/NACC/Pages/meetings.aspx?year=2015&cM=03&cY=2015> as it becomes available. Taking into consideration the availability of documentation in electronic format, no hard copies will be distributed during the event.

If you require further information regarding the workshop, please contact Mr. Víctor Hernández, Regional Officer, Air Traffic Management/Search and Rescue ([vhernandez@icao.int](mailto:vhernandez@icao.int)), or his assistant Sybil Gómez, Assistant ([sgomez@icao.int](mailto:sgomez@icao.int)).

Accept, Sir/Madam, the assurances of my highest consideration.

A digital signature in black ink, overlaid on a circular ICAO logo. The logo contains the text 'Firma Digital' on the left and 'Digital Signature' on the right. The ICAO logo itself features the acronym 'ICAO' at the top, 'OACI' on the right, and 'الإتحاد الدولي للطيران المدني' at the bottom.

for  
Melvin Cintron  
Regional Director  
North American, Central American and  
Caribbean (NACC) Regional Office

**Enclosure:**  
*As indicated*

**ATTACHMENT A/ ADJUNTO A**

**Workshop on Regional Implementation on PBN Airspace Redesign for the CAR Region/  
Taller sobre la Implementación Regional del Rediseño del Espacio Aéreo PBN para la Región CAR  
(ICAO NACC Regional Office, Mexico, City, Mexico, 4 to 8 May 2015)  
(Oficina Regional NACC de la OACI, Ciudad de México, México, 4 al 8 de mayo de 2015)  
Provisional Programme / Programa Tentativo**

<b>Hour/Hora</b>	<b>Monday 4/Lunes 4</b>	<b>Tuesday 5/Martes 5</b>	<b>Wednesday 6/Miércoles 6</b>	<b>Thursday 7/Jueves 7</b>	<b>Friday 8/Viernes 8</b>
<b>08:30 – 09:00</b>	Registration / Registro				
<b>09:00 -09:45</b>	Opening Session / Inauguración	PBN Airspace Design / Diseño del espacio aéreo PBN	PBN Validation / Validación PBN	PBN Implementation / Implementación PBN	Group Work / Trabajo de grupo
<b>09:45 - 10:30</b>	Seamless PBN Airspace / Espacio aéreo PBN interoperable	PBN Aeronautical Charts / Cartas Aeronáuticas PBN	Environmental metrics ICAO Fuel Savings Estimation Tool (IFSET) / Métricas del medio ambiente Instrumento OACI de Estimación de las economías en materia de combustible (Doc 10031) (IFSET)	PBN Operational Approval / Aprobación Operacional PBN	Group Work / Trabajo de grupo
<b>10:30 - 11:00</b>	<b>Coffee break / Pausa para café</b>	<b>Coffee break / Pausa para café</b>	<b>Coffee break / Pausa para café</b>	<b>Coffee break / Pausa para café</b>	
<b>11:00 - 11:30</b>	PBN Airspace Concept / Concepto de espacio aéreo PBN	Gate –to–Gate Concept / Concepto Puerta a Puerta	PBN Safety assessment / Evaluación de la seguridad operacional PBN	Crew Procedures and Training / Procedimientos y Capacitación de la tripulación State presentation / Presentación del Estado	Group Work / Trabajo de grupo
<b>11:30 – 12:30</b>	RNAV/RNP Navigation specification / Especificaciones de navegación RNAV/RNP	Terminal Area (TMA) Redesign / Rediseño Área terminal (TMA)	State PBN Project Presentation / Presentacion Proyecto PBN del Estado	ATC emerging technics and Training / Técnicas emergentes e Instrucción ATC	Group final presentation / Presentación final del grupo
<b>12:30 – 13:30</b>	<b>Lunch / Almuerzo</b>	<b>Lunch / Almuerzo</b>	<b>Lunch / Almuerzo</b>	<b>Lunch / Almuerzo</b>	Closing Session / Clausura
<b>13:30 - 14:00</b>	PBN Airspace Redesign Implementation Project / Proyecto de Implementación de Rediseño de espacio aéreo	Designing STARs & SIDs with CDO & CCO criteria / Diseñando STAR y SID con criterios CDO y CCO	State PBN Project Presentation / Presentacion Proyecto PBN del Estado	PBN Proposal for Amendment for CAR Region / Propuesta de enmienda para la Region CAR	
<b>14:00 – 15:00</b>	PBN Planning / Planificación PBN	State PBN Project Presentation / Presentacion Proyecto PBN del Estado	State PBN Project Presentation / Presentacion Proyecto PBN del Estado	Group Work / Trabajo de grupo	