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*When replying please quote:*

Ref.: NT-N1-8.2.24 — **E.OSG - NACC81264**

15 January 2019

To: States, Territories and International Organizations

Subject: **Invitation – Performance-Based Navigation (PBN) Operational Approvals Workshop (PBN/OPS)**  
Mexico City, Mexico, 15 - 19 June 2020

Action

Required: Register participation by **25 May 2020**

Sir/Madam,

I wish to invite your Administration/Organization to participate in the Performance-Based Navigation (PBN) Operational Approvals Workshop (PBN/OPS) to be convened at the ICAO NACC Regional Office, Mexico City, from 15 to 19 June 2020.

This hands-on workshop addresses the latest ICAO PBN standards. It includes the learnings and findings from early adopting States. The workshop provides an easy to follow, step-by-step approach to the PBN operational approvals process, and it simplifies guidance from the perspective of air operators and state regulators.

State regulators will learn how to guide air operators through the operational approval process. Air operators will learn how to efficiently submit compliant applications to obtain the PBN operational approval, reducing both time and resource requirements.

Due to the interactive nature of this workshop, space is limited to 25 participants, whose participation will be confirmed by ICAO.

This workshop is recommended for:

- Inspectors of civil aviation authorities and personnel carrying out PBN operational approvals assessment;
- Operators personnel preparing PBN application approvals;
- State officials responsible for PBN approvals and for drafting national regulatory material;
- Flight operations and airworthiness personnel and inspectors;
- Airline fleet managers and chief pilots;
- Airline regulations and compliance managers;
- Airline systems, flight planning and navigation process managers;
- Aircraft engineers.

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This workshop is based on the recent ICAO publication “PBN Operational Approval: A How to Guide”, it will be delivered by an approved ICAO PBN instructor and it will include 40 hours of instruction.

The working language of the meeting will be English.

The Provisional workshop outline is at the **Appendix**.

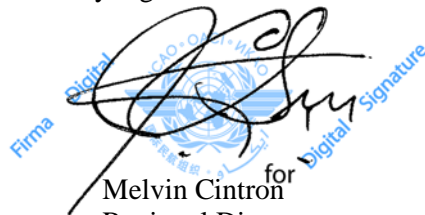
Please be informed that the workshop is payable and registration can only be done online. Registration is limited to 25 participants and it will be confirmed on a first-come-first-served basis. Member States have a permanent 10% discount using the voucher code **PBNWKP-STATES**. There is an extra early bird discount of 10% until **15 May 2020** for both Member States and Industry participants.

You are kindly requested to disseminate this letter to all appropriate entities of your State and to all local airlines who may be interested in the workshop. Additional information regarding the workshop outline, information sheet and online registration is available on the event website at [https://store.icao.int/products/pbn-operational-approvals-workshop-mexico-city-mexico-15-19-june-2020?\\_pos=5&\\_sid=bda18be22&\\_ss=r](https://store.icao.int/products/pbn-operational-approvals-workshop-mexico-city-mexico-15-19-june-2020?_pos=5&_sid=bda18be22&_ss=r)

The list of suggested hotels, ICAO NACC Regional Office location, hotel sector maps, as well as other useful information are 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 hotel(s) in a timely manner.

If you require any further information regarding the event, please contact Mr. Eddian Méndez, Regional Officer, Air Traffic Management and Search and Rescue, ICAO NACC Regional Office and/or Ms. Carroll Rojas, Revenue and Product Management, ICAO Headquarters ([crojas@icao.int](mailto:crojas@icao.int)).

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



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

**Enclosure:**

*Provisional workshop outline;*

**APPENDIX**

**PROVISIONAL WORKSHOP OUTLINE**

<b>Time</b>	<b>Monday 15 June</b>	<b>Tuesday 16 June</b>	<b>Wednesday 17 June</b>	<b>Thursday 18 June</b>	<b>Friday 19 June</b>
<b>08:30–09:00</b>	<i>Registration</i>				
<b>09:00–09:30</b>	<i>Opening Ceremony &amp; Photo</i>				
<b>09:30–17:00</b>	<ul style="list-style-type: none"> <li>• Introduction and workshop overview</li> <li>• Introduction to PBN: Global Air Navigation Plan (GANP) &amp; ASBYs-PBN manual</li> <li>• PBN basics:               <ul style="list-style-type: none"> <li>- NAC specs</li> <li>- Operational approvals</li> <li>- Airspace fundamentals</li> </ul> </li> <li>• PBN theory:               <ul style="list-style-type: none"> <li>- Concept</li> <li>- Aircraft requirements</li> <li>- Navigation (NAV) databases</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>• PBN theory</li> <li>• Approaches</li> <li>• Operational Approvals background and technical considerations</li> <li>• Operational Approvals               <ul style="list-style-type: none"> <li>- Airworthiness</li> <li>- Continuing Airworthiness</li> <li>- Flight Operations</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>• Operational Approvals Process and steps               <ul style="list-style-type: none"> <li>- "How to Guide"</li> <li>- Worksheets</li> <li>- Process steps</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>• Required Navigation Performance (RNP) Authorization Required (AR) Operational Approvals</li> <li>• Operational Approval Assessment exercise</li> </ul>	<ul style="list-style-type: none"> <li>• Operational Approval Assessment exercise de-brief</li> <li>• Wrap-up &amp; de-brief               <ul style="list-style-type: none"> <li>• Certificate</li> </ul> </li> </ul>

**Coffee Break (15 minutes): 10:45, 15:15**

**Lunch Break (1 hour): 12:30**

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