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When replying please quote:

Ref.: NT-N1-3 — **EMX0659**

24 June 2015

To: States, Territories and International Organizations

Subject: **Invitation to the CAR/SAM Seminar/workshop on implementation of advance surveillance and automated systems**  
(Panama City, Panama, 22 to 25 September 2015)

Action

Required: **1. Register participation by 11 September 2015**  
**2. Support the event by confirming your intention to make a presentation by 24 July 2015 and submission of presentations by 4 September 2015**

Sir/Madam:

I have the honour to inform you that ICAO will conduct a Seminar/Workshop on Implementation of advanced surveillance and automated systems for CAR/SAM Regions in Panama City, Panama City, Panama, from 22 to 25 September 2015.

The main objective of this event is to support the advanced surveillance and automation systems (ADS-B and Multilateration) and automation (AIDC) implementation in States, Territories and International Organizations of the CAR/SAM Regions, to meet operational requirements of surveillance and automation specified in the regional performance-based implementation plans of the NAM/CAR and SAM regions within the framework of the ICAO Global Air Navigation Plan (Fourth Edition).

This event is related to the following Aviation Systems Block Upgrades (ASBU) B0 modules included in the NAM/CAR and SAM Regional plans: B0 SURF - *Safety and Efficiency of Surface Operations*; B0 ASURF - *Initial Capability for Ground Surveillance*, B0 FICE - *Increased Interoperability, Efficiency and Capacity through Ground-Ground Integration* and B0 SNET-*Safety Nets*.

In this event, participants will have the opportunity to receive information from ICAO, aeronautical industry and States from NAM/CAR/SAM Regions, mainly on:

.../ 2

- The Regional planning and implementation status of surveillance and automation systems in the CAR/SAM Regions based on the NAM/CAR and SAM regional performance navigation plans and the *Bogota Declaration* and *Port-of-Spain Declaration* targets.
- Explanation on the importance of ADS-B and Multilateration as technical enablers for ICAO ASBUs with operational guidance and support.
- User's vision regarding surveillance systems implementation and situational awareness on board an aircraft.
- Technical and operational information on new surveillance systems and automated systems at ATS units, as well as activities to be taken under consideration when implementing them.

As a result of the information collected, it is expected to obtain recommendations to support States and ANSPs in the implementation of advanced surveillance systems (ADS-B and Multilateration) and automation (AIDC, Safety warning and alarms based on automation), as well as to facilitate the AIDC implementation between the CAR and SAM regions and the ADS-B regional implementation.

The event is mainly addressed to professional technical staff in charge of planning and implementation of the CNS systems, as well as operational personnel in charge of the surveillance planning in the ATS and ATC automation requirements. The draft agenda is presented as **Attachment A** to this letter. The working languages of the meeting will be English and Spanish, and simultaneous interpretation will be provided if sufficient participants of both languages provide timely registration.

You are kindly requested to complete and return the Registration Form at **Attachment B** by e-mail for each participant by **11 September 2015**.

In accordance with the draft agenda for the event, please note that the event will include presentations on the experience and progress that the different Administrations in the NAM/CAR and SAM Regions have had while implementing their surveillance (ADS-B and Multilateration) and automation (AIDC) systems. Therefore, your Administration is urged to support the event with a presentation on the items included in the draft agenda or any other that your Administration deems appropriate.

In this sense, I would appreciate receiving your confirmation to support the event with a presentation by **24 July 2015** and submission of presentations by **4 September 2015**, providing the name of the speaker, the title of the presentation, duration and a brief overview.

The general information, the venue of the event and additional useful information will be opportunely provided.

If you require further information, please contact Mr. Julio Siu, ICAO NACC Regional Officer Communications, Navigation and Surveillance (jsiu@icao.int) and/or his Assistant, Ms. Lizette Morales (lmorales@icao.int).

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

A blue digital signature graphic. It features a stylized signature in black ink over a blue circular background. The background contains the ICAO logo and the text "Firma Digital" on the left and "Digital Signature" on the right. The ICAO logo includes the acronym "ICAO" and "OACI" in English and Arabic, and "ICAO" in Chinese.

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

**Enclosure:**  
*As indicated*

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## **ATTACHMENT A**

### **CAR/SAM SEMINAR/WORKSHOP ON IMPLEMENTATION OF ADVANCE SURVEILLANCE AND AUTOMATED SYSTEMS**

(Panama City, Panama, 22 to 25 September 2015)

#### **DRAFT AGENDA**

**SESSION 1:** ICAO Standards and guidance documents, global and regional plans and regional goals for the implementation of aeronautical surveillance systems and automation for ATS operations

**SESSION 2:** Avionic solutions and roadmap for advanced surveillance system

**SESSION 3:** Technical and operational guidance on advanced surveillance techniques and on the AIDC as an automation application:

Advanced surveillance techniques:

- ADS B out/ In
- Multilateration
- Mode S Radar implementation
- Other new surveillance system

ATC Automation applications:

- AIDC
- Safety warning and alarms based on Automation

**SESSION 4:** Implementation of advanced surveillance and automation systems by States from CAR and SAM Regions

**SESSION 5:** Operational requirements, design, installation, validation and commissioning of the surveillance and automation system