*When replying please quote:*

Ref.:  NT-NT4-4-59, N1-8-7.4 **E.OSG - NACC76550**          28 February 2018

To:          States, Territories and International Organizations

Subject:    **Invitation – Extended Diversion Time Operations (EDTO) Workshop**
            Mexico City, Mexico, 27 – 30 May 2019

Action
Required:   Register participation by **10 May 2019**

Sir/Madam,

I wish to invite your Administration/Organization to participate in the Extended Diversion Time Operations (EDTO) Workshop to be convened at the ICAO NACC Regional Office, Mexico City, from 27 to 30 May 2019.

The workshop will cover all aspects of EDTO authorizations and is aimed at both oversight inspectors from the CAA, in granting EDTO specific approvals and exercising oversight of EDTO, as well as technical pilots/managers of airlines who are considering commencing or increasing EDTO. Due to the interactive nature of this workshop, space is limited to 40 participants, whose participation will be confirmed by ICAO.

The workshop is supported by leading industry experts in EDTO operations from both Boeing and Airbus and presents the latest information, based on the EDTO Manual (Doc 10085) which was published in 2017 to support the updated provisions in Annex 6 Part I.

EDTO provisions were introduced into Annex 6 in Amendment 36 and represent the best practice and lessons learned from extended range operations by aeroplanes with two turbine engines (ETOPS). In addition to allowing for longer EDTO operations, the provisions included similar measures for aeroplanes with more than two turbine engines when operating beyond 60 minutes from an en-route alternate.

The working language of the workshop will be English, with simultaneous interpretation in Spanish if sufficient participants of both languages provide timely registration. The workshop materials will be prepared in English only, but the EDTO Manual is available in Spanish. An electronic copy will be provided to participants.

The provisional workshop outline is provided in **Appendix A**, along with a brief description of each module.

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You are kindly requested to complete and return the Registration Form at **Appendix B** by e-mail for each participant by **10 May 2019**. Registration is limited to 40 participants and it will be confirmed on a first-come-first-served basis.

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). Participants are encouraged to make reservations directly with the hotel(s) in a timely manner.

Furthermore, I am pleased to inform that each Project RLA/09/801 Member[1] may apply for a fellowship under Project RLA/09/801 within the fellowship offer for the current year. In order to know how many fellowships are available for your Administration for this year, please contact Ms. Claudia López, Technical Cooperation Associate (clopez@icao.int). The fellowship includes Daily Subsistence Allowance (DSA) to cover lodging and per diem. Your Administration shall provide the candidate with the air ticket to/from Mexico City, Mexico, and ensure that the candidate has the necessary travel documents, vaccinations, and visa prior to departure. The duly completed Fellowship Nomination Form must be received in this Regional Office by **29 April 2019**. The steps to apply for a fellowship, the nomination form and other useful information are published on the Project RLA/09/801 website at: http://www.icao.int/NACC/Pages/edocs-tc.aspx

Regarding the fellowship offered to the Eastern Caribbean States through ECCAA, please note that the candidate appointment decision should be made between your Administration and ECCAA. Once coordination has been completed, the nomination form of the candidate representing the Eastern Caribbean States **should be sent to this Regional Office by ECCAA**.

If you require any further information regarding the EDTO workshop, please contact Mr. Eric Picaud, Regional Officer, Flight Safety Implementation (criva-palacio@icao.int)or Ms. Claudia Riva-Palacio (criva-palacio@icao.int), Assistant.

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

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

**Enclosure**:
*A – Provisional workshop outline;*
*B – Registration Form*

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[1] ***RLA/09/801 Project Member States*** *are: Bahamas, Barbados, Canada, Cuba, Curaçao, Dominican Republic, Haiti, Jamaica, Mexico, OECS States through ECCAA (Antigua and Barbuda, Grenada, Saint Kitts and Nevis, Saint Lucia and Saint Vincent and the Grenadines), Trinidad and Tobago and Central American States through COCESNA (Belize, Costa Rica, El Salvador, Guatemala, Honduras and Nicaragua).*

**APPENDIX A – PROVISIONAL WORKSHOP OUTLINE**

| Session Times | | Day | | | |
|---|---|---|---|---|---|
| **Start** | **End** | **1** | **2** | **3** | **4** |
| **09:00** | **10:30** | Module 1 Module 2 | Module 4 | Module 6 | Module 8 |
| **10:30** | **11:00** | Break | | | |
| **11:00** | **12:30** | Module 2 *(cont.)* | Module 5 | Module 6 *(cont.)* | Assessment |
| **12:30** | **13:30** | Lunch | | | |
| **13:30** | **15:00** | Module 3 | Module 5 *(cont.)* | Module 7 | Wrap-up |
| **15:00** | **15:30** | Break | | | |
| **15:30** | **17:00** | Module 3 *(cont.)* | Module 5 *(cont.)* | Module 7 *(cont.)* | Wrap-up |

Module 1: EDTO Workshop Introduction

This module consists of an introduction to the workshop, the instructors and some essential 'housekeeping'. A run through of workshop materials provided and introduction to the interactive software to be used in the later modules will also be completed.

Module 2: EDTO Foundations

At the end of this module, participants will be able to understand the fundamentals concepts of EDTO. The module includes definition of terms, basic concepts, evolution of regulations and the related ICAO Standards and guidance.

Module 3: EDTO Approval Process

At the end of this module, participants will be able to understand the EDTO approval process and related major requirements. Example national regulations will be used to illustrate the concepts. Different methods such as in service early type design approval and accelerated ops approval will be reviewed.

Module 4: EDTO Type design approval

At the end of this module, participants will be able to understand the EDTO type design and reliability requirements and their impact on aircraft design and documentation. EDTO specific test and analyses requirements will be covered, along with example national regulations to illustrate the points made.

Module 5: Flight Operations Considerations

At the end of this module, participants will understand the flight operations requirements supporting EDTO operations. This will cover area of operations, flight preparation, pre-departure check and inflight procedures, as well as documentation and training.

Module 6: Maintenance Considerations

At the end of this module, participants will understand the maintenance requirements supporting EDTO operations. This modules covers configuration management, EDTO significant systems, reliability programmes, Minimum Equipment List (MELs) and other maintenance related subjects.

Module 7: Continued Surveillance of EDTO capability

At the end of this module, participants will understand the shared responsibility of continued surveillance of EDTO operations by manufacturers, type design authorities, operators and national authorities in charge of operational approval.

Module 8: Implementing EDTO Regulations

At the end of this module, participants will be familiar with specific implementations of EDTO regulations. This will look at some examples of regulations and their differences, and how to conduct a State regulation gap assessment.

Module 9: Assessment

The final assessment will take the form of a written test, including both technical questions and a practical application of the workshop content.

Module 10: Wrap up

During this module the main items detailed in the other modules will be reviewed, in order to clarify any misunderstanding by the audience, and propose a conclusion. The assessment will also be reviewed.

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