



International
Civil Aviation
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Международная
организация
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Subject: Advanced ATM Techniques Symposium and Workshops to be held from 4 to 6 November 2013 in Montréal, Canada

Action required: a) disseminate this information to any organization in your State that may be interested in participating; b) reply no later than 1 August 2013.

Sir/Madam,

1. I have the honour to invite you to participate in the Advanced Air Traffic Management (ATM) Techniques Symposium and Workshops: *Today's Opportunities for Saving Fuel and Reducing Emissions*, which will be convened by the International Civil Aviation Organization (ICAO) from 4 to 6 November 2013, in Montréal.

2. Demonstrating our collective commitment to implement operational improvements that will save fuel and reduce emissions is becoming increasingly important. Furthermore, the contribution of air traffic management (ATM) systems over the last decade and their positive impact on emissions reduction is still not universally recognised. The aviation industry still struggles to measure and document the success of its efforts.

3. The event aims to advance the understanding of how operational benefits can be obtained that will result in reduced emissions, with a focus on air traffic flow management (ATFM) techniques and collaborative decision-making processes (CDM) including airport collaborative decision making (A-CDM), and continuous descent and climb operations (CDO/CCO) techniques. During the Symposium workshops, training requirements will be identified and the available material will be further developed, in close collaboration with the International Air Transport Association (IATA), the Civil Air Navigation Services Organisation (CANSO) and the Airports Council International (ACI). The use of the ICAO Fuel Savings Estimation Tool (IFSET) will also be demonstrated to provide supporting data validating and documenting the benefits. Finally, the workshops will provide an experience-sharing opportunity for rule-making authorities, airlines, air navigation service providers, training organizations, international organizations and other stakeholders.

4. Information pertaining to the Symposium is available at www.icao.int/Meetings/AdvancedATM. As this Symposium will address subjects of interest to a wide-ranging audience, you are requested to disseminate this information to any organization in your State that may be interested in participating and reply no later than 1 August 2013 to advancedATM@icao.int.

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

Raymond Benjamin
Secretary General

Enclosures:

- A – Intended outcomes
- B – Advanced ATM Techniques Symposium and Workshops brochure

INTENDED OUTCOMES

1. Demonstrate ATM techniques that can produce operational benefits, using present capabilities in air traffic flow management (ATFM) and collaborative decision making (CDM) processes, including airport collaborative decision making (A-CDM).
 - a) Assess the performance of operating ATFM systems. The various ATFM systems in the world have been custom designed to meet specific needs: where are they located, how do they work, and what do they do best?
 - b) Examples of successful implementation. What challenges were encountered, and how were they overcome?
 - c) Showcase of the benefits that ATFM and CDM can bring when used at various levels:
 - 1) airport environment;
 - 2) terminal area;
 - 3) national level; and
 - 4) sub-regional level.
 2. Demonstrate the present ATM techniques that can produce operational benefits, using present capabilities in continuous climb/descent operations (CCO/CDO):
 - a) examples of successful implementations;
 - b) lessons learned (specific challenges that had to be overcome to implement); and
 - c) implementing continuous climb/descent operations: where do we start?
 3. Raise awareness of the need to measure the impact of ATM improvements on our environmental performance. In addition to saving fuel and reducing emissions, the ATM community must measure and document the benefits obtained using available tools such as the ICAO Fuel Savings Estimation Tool (IFSET).
 4. Identify and address training needs and areas where assistance could be provided through a joint venture between the International Civil Aviation Organization (ICAO), International Air Transport Association (IATA), Civil Air Navigation Services Organisation (CANSO) and Airports Council International (ACI).
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Advanced ATM Techniques Symposium and Workshops

Today's Opportunities for Saving Fuel and Reducing Emissions

Montréal, 4 to 6 November 2013

Learn how to use Air Traffic Flow Management (ATFM). Discover a wide array of tools, from basic ATFM measures to very advanced procedures, to handle more traffic in safer skies. Learn how to involve the right person, at the right moment in your decisions with Collaborative Decision Making (CDM), to deliver a fully integrated curb-to-curb service. Discover how CDM/ATFM will save fuel and reduce emissions and learn how to develop statistics that prove it.

Learn all you need to know on continuous climb or descent operations (CCO/CDO). How to design them, how to implement them. See how CDO/CCO will save fuel and reduce emissions and learn how to develop statistics that prove it.

Training requirements on these four key operational target areas will be identified during the workshops, and existing material further developed as a joint venture between ICAO, IATA, CANSO and ACI.

This symposium will be your chance to participate.

This symposium is the first of its kind and will fill up fast.

Register soon!

www.icao.int/Meetings/AdvancedATM

