

ICAO Colloquium



14 to 16 May 2007

on

Aviation Emissions

with

Exhibition



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COLLOQUIUM ON AVIATION EMISSIONS

14 – 16 MAY 2007
ICAO, Montréal, Canada

PRELIMINARY PROGRAMME

MONDAY, 14 May 2007

09:00 – 19:30

ON-SITE REGISTRATION

10:00-20:00

EXHIBITION

10:00

Opening of exhibition site by ICAO and ATAG representatives

11:00 – 11:30

COFFEE/TEA Sponsored by: pending

12:00 – 13:00

LUNCH Sponsored by: pending

13:00 – 13:30

WELCOME AND INTRODUCTION

Colloquium moderator: pending

Welcome addresses: ICAO Secretariat

13:30 – 17:30

Module 1: AVIATION EMISSIONS – THE NATURE OF THE PROBLEM

Panel moderator and speakers: pending

This module will provide a characterization of aviation emissions. It will explain:

- ❖ environmental problems associated with aviation operations on the ground and in the upper atmosphere; and
- ❖ scientific findings and new research by the Intergovernmental Panel on Climate Change and others.

15:00 – 15:15

COFFEE/TEA Sponsored by: pending

17:30 – 19:30

RECEPTION Co-sponsored by: pending

TUESDAY, 15 May 2007

09:00 – 19:30

EXHIBITION

09:00 – 12:30

Module 2: AVIATION EMISSIONS – THE MAGNITUDE OF THE PROBLEM

Panel moderator and speakers: pending

This module will focus on available inventories and databases as well as methodologies and models that are used to measure the impact of aviation emissions. It will include:

- ❖ studies developed in cooperation with the IPCC and the United Nations Framework Convention on Climate Change; and
- ❖ the latest assessments from ICAO/CAEP.

10:30 – 11:00

COFFEE/TEA Sponsored by: pending

12:30 – 14:00

LUNCH Sponsored by: pending

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Module 3: MITIGATION MEASURES – LOCAL AIR QUALITY

14:00 – 17:30

Panel moderator and speakers: pending

This module will review measures available to mitigate the effects of aviation emissions on local air quality and evaluate their effectiveness. It will cover:

- ❖ existing ICAO standards, such as NO_x stringencies;
- ❖ new guidance material on LAQ and local emission charges;
- ❖ the latest aircraft engine technologies; and
- ❖ operational measures, such as Continuous Descent Approach.

RECEPTION Co-sponsored by: pending

17:30 – 19:30

WEDNESDAY, 16 May 2007

EXHIBITION

09:00 – 17:00

Module 4: MITIGATION MEASURES – GLOBAL CLIMATE

09:00 – 12:30

Panel moderator and speakers: pending

This module will consider measures and their effectiveness for reducing fuel burn and emissions to mitigate the effects of aviation on global climate change. It will introduce:

- ❖ existing ICAO guidance and policies;
- ❖ aircraft innovations, both engine and airframe technologies;
- ❖ environmental benefits of improved operational measures including air navigation procedures; and
- ❖ market-based measures such as guidance on emissions trading.

COFFEE/TEA Sponsored by: pending

10:30 – 11:00

LUNCH Sponsored by: pending

12:30 – 14:00

PANEL DISCUSSION: THE WAY FORWARD

14:00 – 17:00

Panel moderator and speakers: pending

This panel will provide an opportunity for various stakeholders to express their views on possible approaches to deal with aviation emissions. It will consider:

- ❖ the future work of ICAO/CAEP in this field;
- ❖ the views from States, UN organizations and aviation industries on possible ways forward; and
- ❖ other initiatives, such as alternative fuels and carbon-offset measures.

CLOSING STATEMENTS by organizers and colloquium moderator

16:30 – 17:00

COFFEE/TEA Sponsored by: pending

15:00 – 15:15