

AGENDA

Workshop

On

Aviation Operational Measures for Fuel and Emissions Reductions

National Gallery of Canada
380 Sussex Drive
Ottawa, Ontario, Canada

November 5 - 6, 2002

Tuesday, November 5

8:00 – 9:00 REGISTRATION

9:00 – 9:20 WELCOME

- 1) *Mr. Alec Simpson*, Manager, Environmental Protection, Transport Canada
- 2) *Mr. Ron Sully*, Assistant Deputy Minister, Programs and Divestiture, Transport Canada
- 3) *Mr. Cliff McKay*, President, Air Transport Association of Canada

9:20 – 10:30 INTRODUCTORY PANEL

- 1) Workshop Objectives
Mr. Alfredo Iglesias, Spanish Civil Aviation Authority and Rapporteur of CAEP Working Group 4, Emissions Operational Issues
- 2) An Overview of ICAO's Work on Aviation Environmental Protection
Ms. Jane Hupe, Secretary, Committee on Aviation Environmental Protection, ICAO Secretariat
- 3) Fuel Efficiency – We've come a long way
Mr. Mark Janes, ICCAIA (Boeing Commercial Airplanes)

10:30 COFFEE BREAK

11:00 – 12:30 AIRCRAFT PANEL (Chapters 3, 4, 5)

Moderator/Coordinator: *Mr. Dom Sepulveda*, Manager of Aircraft Engine Emissions and Policy, Pratt and Whitney

Topics/Speakers:

1. Engine Deterioration and On-Wing Procedures to Recover Performance
Mr. Robert Owens, Manager of Vehicle Systems Analysis, Pratt and Whitney
2. Fuel Conservation - Airframe Maintenance for Environmental Performance
Mr. David Anderson, Flight Operations Engineer, Boeing Commercial Airplanes
3. Weight Management
Mr. Kevin Morris, Manager Environment, British Airways

12:30 – 2:00 LUNCH

2:00 – 3:30 AIR TRAFFIC MANAGEMENT PANEL (Chapter 6)

Moderator/Coordinator: *Mr. Ted Elliff*, Environmental Studies R&D Manager, EUROCONTROL

Topics/Speakers:

1. How to Save Fuel by Losing Time?
Mr. Jean-Pierre Nicolaon, Senior Operational Advisor, EUROCONTROL
2. Fuel Burn Study – Domestic RVSM
Mr. Douglas Baart, FAA WJH Technical Center, Federal Aviation Administration
3. Investing in Air Traffic Management
Ms. Kathleen Fox, Assistant Vice President, Air Traffic Services, NavCanada

3:30 – 4:00 COFFEE BREAK

4:00 – 5:30 AIRLINE PLANNING PANEL (Chapters 7, 8, 12)

Moderator/Coordinator: *Mr. Kevin Morris*, Manager Environment, British Airways

Topics/Speakers:

1. Non-Revenue Flying,
Mr. Kevin Morris, Manager Environment, British Airways.
2. Alternate Airport Selection During Flight Planning to Enhance Fuel Efficiency
Capt. Richard Sowden, Project Pilot Air Canada Flight Operations Technical Group
3. State of the U.S. Airline Industry
Mr. David Swierenga, Chief Economist, Air Transport Association

Wednesday, November 6

9:00 – 10:30 FLIGHT OPERATIONS PANEL (Chapters 9, 10, 11)

Moderator/Coordinator: *Mr. Mark Janes*, Manager Flight Data Products,
Flight Operations, Boeing Commercial Airplanes

Topics/Speakers

1. Fuel Conservation
Mr. Philippe Fonta, Airbus
2. Fuel Efficiency Board & Event Measurement System
Dr. Juan Polyméris, Strategic Projects Flight Operations & Fuel Advisory Board,
Swiss International Air Lines Ltd.
3. Fuel Conservation - Operational Procedures for Environmental Performance
Mr. David Anderson, Flight Operations Engineer, Boeing Commercial Airplanes

10:30 COFFEE BREAK

11:00 – 12:30 AIRPORT PANEL – PART 1 (Chapter 2)

Moderator/Coordinator: *Mr. John Montgomery*, Manager – Noise and Emissions
Regulatory Programs, American Airlines

Topics/Speakers:

1. Aircraft Operating Procedures to Reduce Airport Ground Emissions
Capt. Richard Sowden, Project Pilot Air Canada Flight Operations Technical
Group
2. Ground Support Equipment Emission Reduction Options
Mr. Jeffery Nobles, Program Manager - Compliance & Quality Assurance, Delta
Air Lines Inc.
3. Fuel Cell Airport / Aviation Challenges and Opportunities
Judith Bayer, United Technologies Corporation

12:30 – 2:00 LUNCH

2:00 – 3:30 AIRPORT PANEL – PART 2 (Chapter 2)

Moderator/Coordinator: *Mr. Alec Simpson*, Manager, Environmental Protection,

Transport Canada

Topics/Speakers:

1. Ambient Air Quality at Airports
Mr. Leonard Taylor, President, Tradewind Scientific
2. Airport Groundside Emissions Reductions
Mr. Randy McGill, Manager, Environment, Greater Toronto Airports Authority
3. Air Quality Management at Montréal International Airports
Mr. Martin Dorais, Director Environment, Aéroports de Montréal

3:30 COFFEE BREAK

4:00 – 5:30 WRAP-UP PANEL (Chapter 13)

Moderator/Coordinator: *Mr. Alfredo Iglesias*, Spanish Civil Aviation Authority

Mr. Gary O'Toole, Office of Environment and Energy, US Federal Aviation Administration

Topics

1. Implementation (Chapter 13)
2. Basis for Voluntary Measures
3. Discussion/Q&A with the audience
4. Workshop wrap-up by ICAO

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NOTE: The workshop will be conducted in a panel format with experts from both industry and government sharing their successes in implementing operational measures that have resulted in reduced fuel burn and in reduced emissions from both aircraft and aviation support activities. Specific panel topics are taken from ICAO's Circular on *Operational Opportunities to Minimise Fuel Use & Reduce Emissions* now in production – and the Chapter headings indicated next to each panel's title reference that Circular. There will be 3 speakers on each panel, and ample time will be allowed in each session for the audience to engage in discussion of issues of particular interest with the panelists.