

The First Aviation Leaders Forum on Airports and Airlines Winter Operations

10 October 2011, Andrews Theater, Keflavik Airport, Iceland

Organized by the Keilir Aviation Academy in cooperation with AirTransportNews, ACI, AEA, SITA, Icelandair, Kadeco and the Ministry of Interior and Transport in Iceland.

Patron of the Forum: H.E. Ólafur Ragnar Grímsson, President of Iceland
Chairman: Dr. Kostas Iatrou, Managing Director Air Transport News
Vice-Chairman: Mr. Ulrich Schulte-Strathaus, Secretary General AEA
Vice-Chairman: Mrs. Catherine Mayer, Vice President – SITA



"I am looking forward to this new and unique forum in Iceland. Safety is our enduring number one priority for airports world-wide and this event will focus our attention specifically to winter conditions. I encourage your attendance at this high level meeting."

Angela Gittens, ACI World Director General



**A Greeting
from
the President of Iceland
Ólafur Ragnar Grímsson**

Patron of the Conference

Last year the Keilir Aviation Academy hosted a timely and successful conference on the lessons to be learned from the surprises Mother Earth can still come up with. The Eyjafjallajökull eruption became both the core and the symbol of that much-needed debate. The distinguished gathering of aviation leaders, experts, representatives and officials contributed to making the industry better prepared for next time.

Now Iceland is again bringing aviation stakeholders together. The reason is the need to improve winter operations. The failures last December are still vivid in the minds of millions of people. To be stopped at the airport when you are already in Christmas mood is not a formula for enjoyment!

Why Iceland? – you might ask. The reason is simple. Not only is our country the home of the largest collection of volcanoes in Europe but we also host the biggest glaciers in Europe and guard some gateways to the Arctic. For centuries, winter weather has been a challenge to our nation.

Yet, despite these testing conditions, Iceland has become a successful airline hub in the North-Atlantic, connecting America to Europe for decades; flying when others decided to wait. Short airstrips in narrow fjords have trained our pilots to cope with winter conditions; an experience which has served them well in the international arena.

For all these reasons – and many more – the Keilir Aviation Academy decided to build on last year's success and serve again as a venue for a global dialogue on how airports and airlines can successfully maintain winter operations.

It will be a pleasure to welcome you all.

A handwritten signature in blue ink, reading "Ólafur Ragnar Grímsson".





Sunday 9 October 2011

17.00 Reception by the President of Iceland
at The President's Residence, Bessastadir

Monday 10 October 2011

08.30 Registration opens and refreshment coffee

09.00 **Opening Ceremony**
Welcome and introduction of the President of Iceland
Hjalmar Arnason, Director of Keilir Atlantic Center of Excellence

Airports and Airlines
– The bridge between continents and countries
President of Iceland H.E. Olafur Ragnar Grimsson

Introduction of the Chairman of the Forum;
Dr Kostas Iatrou, Managing Director Air Transport News
Hjalmar Arnason, Director of Keilir Atlantic Center of Excellence

Introduction of the Forum and the Keynote Speaker
The Forum's Chairman; Dr. Kostas Iatrou, Managing Director Air Transport News

Keynote speech

The priorities and pressures facing airports and their regulators in winter operations.
Angela Gittens, Director General - Airports Council International

09.30 **FIRST SESSION – Airports and Airlines Winter Operations – What happened in the winters in 2009 and 2010 and what needs to be done?**
Moderator: Corinne Belveze, DG Mobility and transport (MOVE)–Airports, European Commission

Winter 2010 disruptions: Exceptional? Foreseeable? Avoidable?
Mr. Ulrich Schulte-Strathaus, Secretary General – AEA

Winter operations: A critical systemic process
Mr. Maurice Georges, CEO – DSN (French ANSP)

Winter operations – A safety perspective
Mr. Gernot Kessler, Head of Airports Section, European Aviation Safety Agency (EASA)

What happened winter 2009-10 and what needs to be done? A network perspective
Mr. Brian Flynn, Head of Network Operations Services – EUROCONTROL

Winter operation at Genève Aéroport
Mr. Robert Deillon, CEO – Geneve Airport

Each speaker has 10 minutes to outline their view on the impact of the winter snowfalls on the global air transport and tourism. After all these presentations, there will be a 20-minutes discussion period including questions from the audience.

10.40 Coffee Break

11.00 **SECOND SESSION – Airports Winter Operations**
Moderator: Catherine Mayer, Vice President - SITA

Focus areas for safe and efficient winter operations at Oslo Airport from opening in 1998
Mr. Einar Tafjord, Technical Director Air Traffic Services – Oslo Airport

Finnish Airport Snowhow
Ms. Heini Noronen-Juhola, Vice President, Aviation & Safety – Helsinki Airport

Timeless Lessons Learned -Wherever the Snow May Fall...

Mr. Michael Ehl, Director of Aviation Operations – Seattle-Tacoma Int. Airport

Denver International Airport – Winter operations program

Mr. Ken Greene, Deputy Manager of Maintenance – Denver International Airport

Airport winter operations: Reporting winter contaminants
Ms. Susan Gardner, Safety Analyst – FAA Airports Division

Each speaker has 10 minutes to outline their view on the impact of the winter snowfalls on the global air transport and airports. After all these presentations, there will be a 20-minutes discussion period including questions from the audience.

12.10 **Lunch Reception by the Minister of Interior and Transport**

13.00 **THIRD SESSION – Airlines' Winter Operations**
Moderator: Dr Andreas Papatheodorou, Senior Advisor DATTEA

Icelandair's winter challenges
Mr. Hilmar Baldursson, VP Flight Operations – Icelandair

airBaltic's winter challenges
Mr. Janis Vanags, VP Corporate Communications – airBaltic

Airlines winter operations
Mr. John Hanlon, Secretary General – ELFAA

Air Iceland's winter challenges in Iceland, Faroe Islands and Greenland
Mr. Arni Gunnarsson, Managing Director – Air Iceland

Severe and normal operations in winter
Mr. Mike Ambrose, Director General – ERA

Each speaker has 10 minutes to outline their view on the impact of the winter snowfalls on the global air transport and airlines. After all these presentations, there will be a 20-minutes discussion period including questions from the audience.

14.15 **FOURTH SESSION – Airports and Airlines Winter Operations – the Global Economic and Business Dimension**
Moderator: Ulrich Schulte-Strathaus, Secretary General, AEA

Airports and Airlines Winter Operations – Economic Policy Aspects
Ms. Narjess Teyssier, Chief Economic Analysis and Policy – ICAO

Beautifying the beast: Challenges faced by tourism in winter operations
Dr. Andreas Papatheodorou, Senior Advisor DATTEA

Does the north/cold-south/warm divide have an impact on airports efficiency?
Dr. Rico Merkert, Head of Centre for Air Transport – Cranfield University

Can technology revolutionize winter operation of airports
Dr. Thorgeir Palsson, Professor Reykjavik University, former Director General of ICAA

Each speaker has 15 minutes to outline their view on the impact of the winter snowfalls in Europe 2009-2010 on the global air transport and tourism. After all these presentations, there will be a 15 minutes discussion period including questions from the audience.

15.30 Coffee Break



16.00 FIFTH SESSION – Weather forecasting, snow removal of runways, aircraft de-icing, training, etc.– Airports and Meteorological Technical Dimension

Moderator: Catherine Mayer, Vice President - SITA

Winter Operations Management Program

Mr. Richard van Bruygom, EVP – Swissport

Icelandic winter weather and the effects on airport operations

Mr. Theodór Hervarsson, Director Warning Systems, Icelandic Meteorological Office

Challenges of aeronautical weather forecaster in winter time at high latitudes

Ms. Leena Neitiniemi-Upola, Meteorolog – Finnish Meteorological Institute

Airport weather preparedness and optimizing collaborative decisionmaking

Mr. Søren Brodersen, Senior Meteorolog – Danish Meteorological Institute

Training for winter conditions at Amsterdam Airport Schiphol

Mr. H.J. (Harmen) Abma, Senior R&D Engineer Training – National Aerospace Lab

Synergy of ground-based and space LIDAR and radiometer systems for warning and monitoring of dangerous events in atmosphere

Dr. Anatoli Chaikovsky, Institute of Physics of the Nat. Academy of Science in Belarus

US Air Force mobile navigation aids and remote NAVAID

Mr. Edgar A. Wright, DAF Deputy Director Headquarters – Air Force Flight Standards

Each speaker has 10 minutes to outline their view on the global risk of snow and available technologies for snow removal, deicing, weather forecasts, etc. and what development work is in progress for improving these technologies. After all these presentations, there will be a 20-minutes discussion period including questions from the audience.

17.30 Forum Conclusions and Declaration

Forum Chairman: Dr. Kostas Iatrou, Managing Director

Conference Objectives:

During the winter of 2010-11 the European snowstorms caught the entire aviation industry by surprise. Airports in other regions of the world are equally confronted with weather challenges and this forum will bring all parties together to discuss solutions for the future.

Aviation, airports and airlines leaders, experts and policy-makers from all over the world will assemble in Iceland on October 10, 2011 to discuss the lessons learned from the airports and airlines winter operations in Europe in 2009 and 2010 and how technology, rules, regulations, airports equipment, weather forecasts and personal training must be improved before the next winter snowfalls and storms in Europe. We will also like to address the effects of "extreme weather conditions" on airports and airlines operations like in Queensland, Australia, US, etc.

- What has been learned?
- What are the effects of winter snowfalls on airports and airplanes and can they be reduced?
- Technology for snow removal of runways, aircraft de-icing, etc.
- Weather monitoring, reporting and forecasting systems and models.
- What steps are to be taken by airports and ground transport authorities to minimize the threats that winter snow falls and storms poses to aviation?
- What steps can be taken by airlines to minimize the threats to their schedules and how can they improve the lines of communications with their airport partners?
- Training of airport operators, etc.

Discover how the aviation, airports and science communities can work together to increase safety and efficiency in dealing with future winter snowfalls and storms.

We recommend that you enter these dates into your calendar and confirm your participation without delay by contacting the Forum's Icelandic Secretary. Please refer also to the conference website for details and to download the latest program; <http://en.keilir.net/keilir/conferences/airlinesandaviationwinteroperations>

For on-line registration please see:

<http://www.airtransportnews.aero/aooperations.pl>
Hilton Reykjavik Nordica (www.hiltonreykjavik.com)

is our hotel where our delegates have special rate and free transport to the Conference Venue.

Organizing Committee

- *Mr. Hjalmar Arnason - Director of Keilir – Atlantic Centre of Excellence*
- *Capt. Kari Karason, Head of Keilir Aviation Academy*
- *Dr. Thorgerir Palsson, Professor Reykjavik University and former Director General of Icelandic Civil Aviation Administration*
- *Mr. Jóhannes Tómasson, Press Secretary, Ministry of Transport*
- *Mr. Jon Hjaltalin Magnusson, Conference Manager Keilir – Atlantic Centre of Excellence*
- *Mr. Arnbjörn Olafsson, Conference Webmaster, Keilir – Atlantic Centre of Excellence*
- *Dr. Kostas Iatrou, Managing Director Air Transport*
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