TUESDAY 4 MARCH 2014

10.00 – 10.15

**World ATM Congress Opening Ceremony – World ATM Congress Exhibit Hall**

10.15 – 10.45

**Official Conference Opening**

Peter F. Dumont, President and CEO, Air Traffic Control Association

Jeff Poole, Director General, Civil Air Navigation Services Organisation

Ignacio González Sánchez, Director of Air Navigation, Aena

José Manuel Vargas, President, Aena

Ana María Pastor Julián, Minister, Ministry of Public Works and Transport, Spain

10.45 – 12.15

**Session One: Delivering Performance - Meeting the Airlines’ Expectations**

The air traffic management (ATM) system is an ecosystem involving airlines, ANSPs, airports and the manufacturers. How does that ecosystem work to meet the requirements of the airlines? To deliver performance for airlines, all these elements must work together. What do the airlines expect from it? There is no more complex region for this than Europe. This session will hear from the Chief Operating Officers of two major international airlines. ANSPs and the SESAR project will then be asked to respond to the airlines’ challenges.

Moderator: Dr. Mike Shorthose, Executive Chairman, Helios

Part 1

Introductory Keynote: Frank Brenner, Director General, Eurocontrol

*This address will provide an overview and update of the European ATM system and how Eurocontrol in particular is addressing the performance challenges.*

Part 2

The airline view and requirements: Two Chief Operating Officers from the A4 group of airlines

*Airlines are on the front line when it comes to performance, so what are the requirements, how do airlines see these evolving and what do they suggest are the optimum solutions?*
Alain Bassil, Chief Operating Officer, Air France
Kay Kratky, Chief Operating Officer & Hub Frankfurt Lufthansa German Airlines, LUFTHANSA

Part 3
The response: Carlo Borghini, Deputy Executive Director, SESAR Joint Undertaking, and two European ANSP CEOs

Much is already being done to improve ATM performance in Europe but how will the ANSPs rise to the future cost and operational challenges and to what extent can the SESAR project help deliver the necessary improvements and transformations?

European ANSPs:
Martin Rolfe, Managing Director, Operations, NATS
Massimo Garbini, CEO, ENAV S.p.A.

Part 4
Moderated panel discussion

12.15- 13.45
Lunch Break & World ATM Congress Exhibition

13.45 – 14.15
Delivering ATM Modernisation

The Honorable Michael Huerta, Administrator, Federal Aviation Administration

14.15 – 15.00
Session Two: Delivering Operational Challenges

Delivery of the many challenges facing the ATM industry will need teamwork and widespread understanding of the issues we face together. This session will look at a number of related, complex issues that ANSPs and their partners must address.

Moderator: Jeff Poole, Director General, Civil Air Navigation Services Organisation

1. Delivering ASBUs

The 38th ICAO Assembly in September 2013 ratified several years of work with the formal adoption of the Global Air Navigation Plan and its framework of the Aviation System Block Upgrade (ASBUs). Now it is up to the industry to step up to the challenge of how to implement. What does that mean in reality and what needs to be done at regional and national levels to be ready to deliver ASBUs effectively and on time?
Keynote Address: Delivering ATM Transformation Together

David McMillan, Chair, Flight Safety Foundation & Former Director General, Eurocontrol & Non-Executive Director, Gatwick Airport

Few people have a better view of the issues that face ATM than David McMillan, formerly the UK DGCA and then the DG of Eurocontrol. David will review the context for the conference by providing a thought-provoking and wide-ranging overview of the opportunities and challenges for air traffic management and its regulators. A question-and-answer session will conclude the session.

15.30 – 16.00
Networking Break

16.00 – 16.45

2. Delivering Service in Natural Disasters and Disruptive Events

Unplanned events - whether natural, such as hurricanes, tsunamis or volcanic eruptions, or man-made disasters such as nuclear emergencies - cause disruption to ANSPs, airlines, and the delivery of ATM services. Equally disruptive can be planned, special events, such as the Olympics and the World Cup. These are wonderful times for the host nation but they need to be planned for properly. All put ATM infrastructure under considerable strain, in front of the entire world. There are huge pressures and requirements on ANSPs to deliver an immediate recovery from a disaster or to be invisible during a special event. The implications go far beyond the local airspace and require large-scale redesign of airspace and operational procedures. Successful ATM at such times will be invisible but significant failures could be spectacular. What can ANSPs learn from recent disasters and events and what are the opportunities to embed much needed and lasting changes?

Richard Deakin, Chief Executive Officer, NATS

Volcanic Eruption Eyjafjallajökull, Iceland + Olympics 2012 London (UK)

Masashi Omoda, Director General, Air Navigation Services Department, Ministry of Land, Infrastructure, Transport and Tourism (MLIT), Japan

Earthquake/Tsunami Japan and Nuclear Accident Fukushima and Preparations for Tokyo Olympics
3. Delivering a System for RPAS

What do we need to do to rise to the challenge of the expected mega-growth in Remotely Piloted Aircraft Systems (RPAS)? How are RPAS going to be used, how are they going to impact the airspace, and what are the ANSPs going to need to do to make them a part of their daily life?

Doug Davis, Director of Airworthiness, Northrop Grumman
Colonel Gustavo Adolfo Camargo de Oliveira, Deputy Operations Subdepartment Chief
Department of Airspace Control, DECEA
Steven Pennington, Executive Director, U.S. Department of Defense Policy Board on Federal Aviation
Francis Schubert, Chief Corporate Officer, skyguide

18.00 – 19.30
Reception & World ATM Congress Exhibition

WEDNESDAY 5 MARCH 2014

10.15 – 11.15

Guest Speaker: Delivering Solar Impulse

André Borschberg, Pilot, CEO and co-founder, Solar Impulse
Niklaus Gerber, Route Planner and ATC-specialist, Solar Impulse (former ATCO Geneva ACC)

The Solar Impulse project has already inspired the general public around the world as well as those in aviation, technology, environment, and social fields – after successfully crossing America, the next challenge is to fly around the world in 2015. The visible element of the project is the ultra-lightweight revolutionary airplane capable of flying day and night without fuel. The Solar Impulse team has pushed the frontiers of knowledge in materials science, energy management, and the man-machine interface.

But the audacious Solar Impulse project goes way beyond the obvious engineering and operational issues – it is breaking barriers and shifting mindsets. It is an ambassador for the future, challenging conventional thinking to inspire innovation, hope, and action among citizens and policymakers. Specifically, it seeks to mobilise this enthusiasm in favour of technologies that allow decreased dependencies on fossil fuels, development of renewable energies, and reduced fossil fuel energy consumption.
Solar Impulse has already achieved some fantastic successes and has met and bettered all of the challenges it has faced so far. That has included challenges for air traffic management that will be magnified significantly on the forthcoming round the world venture. How does the Solar Impulse team deliver and what can we learn from their inspiring example?

11.15 – 11.45

Networking Break

11.45 – 13.00

A Conversation: Delivering Efficient Regulation

For better or worse, aviation cannot move away from regulation, or from regulators. In the ATM area, new regulations and rules are going to be vital if new systems and procedures are to be introduced effectively and achieve a step change toward seamless airspace. There is a lot riding on the regulators delivering such transformation. That in turn puts considerable pressure on the industry to secure the regulation it needs.

Moderator: David McMillan, Chair, Flight Safety Foundation & Former Director General, Eurocontrol & Non-Executive Director, Gatwick Airport

Matthew Baldwin, Director of Air Aviation and International Transport Policy in DG Transport and Mobility (MOVE), European Commission

Teri Bristol, Acting Chief Operating Officer, Air Traffic Organization, Federal Aviation Administration

Klaus-Dieter Scheurle, Chairman and Chief Executive Officer, DFS Deutsche Flugsicherung GmbH

13.00 – 14.30

Lunch Break & World ATM Congress Exhibition

14.30 – 15.45

Session Three: Delivering Results in Partnership

Delivering safe, efficient, and sustainable ATM is not going to be easy, nor can it be done without the entire aviation value chain working together. That includes airports, suppliers, and the military. It must also include the staff. How do we deliver with our partners? What will it take to make those partnerships into powerful means of working to resolve issues and deliver the transformation that is needed in global ATM?
Moderator: **Angela Gittens**, Director General, ACI World  
**Paul-Franck Bijou**, CEO, Airbus ProSky  
**Athar Husain Khan**, CEO, AEA  
**Paul Rinaldi**, President, NATCA  
**Margaret Staib**, Chief Executive Officer, Airservices Australia

15.45 – 16.15

**Networking Break**

16.15 – 17.15

**Session Four: Delivering the Future**

*What can we do now to be ready for the future? To answer that, we need a good view of what the future might look like. For that we will ask some of the deepest thinkers in the industry to share their thoughts on what they believe ATM will look like in 20 years and how it should best be delivered.*

Moderator: **Neil Planzer**, Chairman-Elect, ATCA & Executive Board, CANSO  
**Edward L. Bolton Jr.**, Assistant Administrator for NextGen, Federal Aviation Administration  
**Eamonn Brennan**, Chief Executive, Irish Aviation Authority  
**Charles Keegan**, Vice President Civil Aviation Solutions, Raytheon  
**Patrick Ky**, Executive Director, European Aviation Safety Agency  
**Daniel Weder**, CEO, skyguide

17.15 – 17.20

**Closing Remarks**

**Peter F. Dumont**, President and CEO, Air Traffic Control Association  
**Jeff Poole**, Director General, Civil Air Navigation Services Organisation