



ICAO AVSEC2018

2nd Global Aviation Security Symposium

Montréal, Canada | 26-28 November 2018



Day 1 – Tuesday, 27 November 2018 - GLOBAL AVIATION SECURITY SYMPOSIUM

Opening Ceremony

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Opening Ceremony

Opening Remarks by Dr. Fang Liu
Secretary General, ICAO

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Leaders' Plenary

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Leaders' Plenary

Moderator

Mr. Sylvain Lefoyer, Deputy Director, Aviation Security and Facilitation (DD/ASF), International Civil Aviation Organization (ICAO)

Keynote Panellists

Dr. Fang Liu, Secretary General, International Civil Aviation Organization (ICAO)

Mr. Weixiong Chen, Deputy Executive Director, United Nations Counter-Terrorism Committee Executive Directorate (CTED)

Mr. Rongguo Xue, Commander in Chief, Air Marshals, Public Security Bureau, Civil Aviation Administration of China (CAAC), China

Mr. John Katko, Chairman, Transportation Security Subcommittee, Homeland Security Committee, United States

Ms. Angela Gittens, Director General, Airports Council International (ACI World)

Mr. Nick Careen, Senior Vice President, Airport, Passenger, Cargo and Security, International Air Transport Association (IATA)

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Leaders' Plenary

“What changes have you seen as a result of United Nations Security Council Resolution 2309 and the Global Aviation Security Plan (GASeP), or what actions have your organizations taken since? What implementation challenges do you see in the upcoming years?”

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Leaders' Plenary

“How do you best allocate resources in order to reduce the probability of a successful attack against civil aviation to an acceptable level?”

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Leaders' Plenary

“What threat directed at aviation do you view as the most concerning and where do you believe attention should be focused?”

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Leaders' Plenary

“What are your views on the benefits and drawbacks of information sharing?”

How should we ensure that required information reaches the intended audience?”

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Leaders' Plenary

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Monday, 26 November 2018 - INDUSTRY ENGAGEMENT DAY

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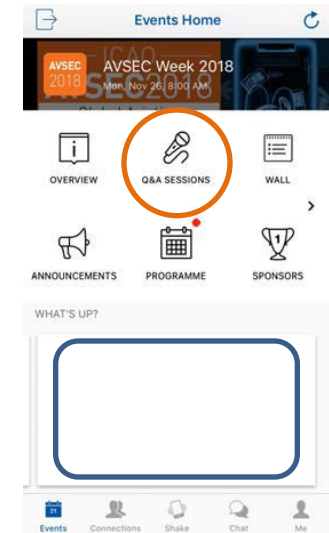
Montréal, Canada | 26-28 November 2018

Monday, 26 November 2018 - INDUSTRY ENGAGEMENT DAY

Go to 'Q&A Sessions' to participate

Go to 'questions' to ask your questions to the panellists

Go to 'polls' to give your answer to the poll



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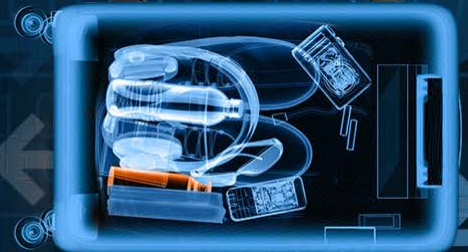


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Day 1 – Tuesday, 27 November 2018 - GLOBAL AVIATION SECURITY SYMPOSIUM

Session 1 – Risk Awareness

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Session 1 – Risk Awareness

Moderator

Mr. Mark Rodmell, Head of Aviation Security Policy and Regulation, Aviation Directorate, UK Department for Transport, United Kingdom

Panellists

Mr. Komlan Adonko, Director, AVSEC, National Agency of Civil Aviation of Togo, Togo

Mr. Matthew Vaughan, Director, Aviation Security, International Air Transport Association (IATA)

Mr. Andrew Nicholson, Chief Executive Officer, Osprey Flight Solutions

Mr. David Aguilar, Principal, Global Security and Innovative Strategies (GSIS)

Mr. John Velho, Chief, Screening Oversight and International Operations, Transport Canada, Canada

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Session 1 – Risk Awareness

“Why is risk assessment important and how has it affected the way you work?”

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Session 1 – Risk Awareness

“What is the most important thing someone should think about in embarking on risk assessment?”

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Session 1 – Risk Awareness

“What do we mean by an acceptable level of risk – are security risks "worse" than safety risks?”

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Session 1 – Risk Awareness

“Are there risks we are just failing to consider and address? If so, what are they?”

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Session 1 – Risk Awareness

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Session 2 – Security Culture

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Session 2 – Security Culture

Moderator

Mr. Bernard Lim, Senior Director, International Relations and Security Division, Ministry of Transport, Singapore

Panellists

Ms. Carla Pinto, Director, Facilitation and Security Bureau, Portuguese Civil Aviation Authority, Portugal

Mr. Nick Kaldas, Managing Director, Stratium Global

Mr. Ted M. Martin, Senior Aviation Security Inspector, Civil Aviation Authority, Trinidad and Tobago

Mr. Philip Baum, Visiting Professor, Aviation Security, Coventry University

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SECURITY CULTURE: ONGOING CHALLENGES

PHILIP BAUM

Managing Director, Green Light Ltd.

Editor, *Aviation Security International*

Visiting Professor, Aviation Security, Coventry University



WHAT IS SECURITY CULTURE?

- A set of values, shared by everyone in an organisation, that determine how people are expected to think about and approach security.
 - Appreciation of the Threat
 - Compliance
 - Professionalism
 - Rejection of Tick/Check Box Security
 - Thinking Outside the Box

THINKING OUTSIDE THE BOX: SIX OF THE BEST

- **Next time it will be different:** strive for proactive measures rather than simply adopting reactive measures
- **Reliance on technology:** educate the workforce to appreciate their limitations and devise drills that exploit the limitations
- **Motivating staff:** empower screeners and trust and encourage people to act on their concerns
- **Assessment of checkpoints:** ensure that the primary consideration is the probability of detection (rather than throughput rates, footprint, and cost)

THINKING OUTSIDE THE BOX: SIX OF THE BEST

- **Counter-terrorism or addressing all acts of unlawful interference?:** focus on those with mental health issues, criminal intent and who may be unwitting victims
- **Adoption of behavioural analysis:** essential for a security culture and the solution to all the other challenges cited.

SECURITY CULTURE: ONGOING CHALLENGES

PHILIP BAUM

Managing Director, Green Light Ltd.

Editor, *Aviation Security International*

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Session 2 – Security Culture

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Session 2 – Security Culture

The core values of security culture

Objectiveness of implementation of a security culture in civil aviation



Human



Abilities

Capabilities

Knowledge

Decision-
taking

Weaknesses

Experience

THE AVSEC System

Weaknesses

Strengths

Opportunities

Threats

Communication: top-bottom *versus* bottom-top

Policy and strategy

Responsibility

Values

Decisions

Communication: top-bottom *versus*

Persons feedback

Procedures and responsibilities

Decisions

Policy and strategy

What and how do humans know?

- Recognition and compromise
- Usefulness
- To value experience, abilities and capabilities
- Contribution to security as an asset
- Training and awareness
- Positive involvement – communication - WHY

Global Aviation Security Plan (GASeP)

The five key priority outcomes:

- **Enhance risk awareness and response.**
- **Develop security culture and human capability.**
- **Improve technological resources and foster innovation.**
- **Improve oversight and quality assurance.**
- **Increase cooperation and support.**

Thank you!

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Session 2 – Security Culture

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Session 2 – Security Culture

“Which piece of advice would you like to give?”

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Session 3 – Technology and Innovation

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Session 3 – Technology and Innovation

Moderator

Ms. Sonia Hifdi, Head, Security Measures Office, Directorate General for Civil Aviation, France and Co-Rapporteur of ICAO AVSEC Panel Working Group on Innovation in Aviation Security

Panellists

Dr. Tony Mattioli, Chief of Security Technology, Aviation Security Branch, Transport Canada, Canada

Dr. Kang-Jun Lee, Director, Korea Transportation Safety Authority (KOTSA), Korea

Mr. Julien Touzeau, Product Security Director, Americas, Airbus

Mr. Daniel Goh, Assistant President, Nuctech Company Limited

Ms. Anne Marie Pellerin, Managing Partner, LAM LHA Consulting

Mr. Christopher Ross, Deputy Head of Unit, Security, Directorate General for Mobility and Transport, European Commission

Mr. Junyi Ku, Director/Chief, Security Department, China Southern Airlines

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Session 3 – Technology and Innovation

“What are the objectives of innovation in aviation security? What is specific to aviation?”

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Session 3 – Technology and Innovation

“How to create a framework enabling innovation?
Who is the leader in innovation in
aviation security?”

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Session 3 – Technology and Innovation

“What is the place of technology in innovation?”

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