

Sands Expo and Convention Centre at Marina Bay Sands, Singapore

Day 1: 22 March 2023

0800 – 0900	Registration and Networking Breakfast with Exhibitors Join us for a networking breakfast before the day begins
0900 – 0910	Welcome Remarks Dr. Hassan Shahidi, President and CEO, Flight Safety Foundation
0910 – 0930	Opening Address Mr. S Iswaran, Minister for Transport & Minister-in-charge of Trade Relations
0930 – 1000	Keynote Address Mr. Stephen P. Creamer, Director, Air Navigation Bureau, International Civil Aviation Organization
1000 – 1030	Networking Break
1030 – 1130	High-Level Panel on Aviation Safety Moderator: Mr. Han Kok Juan, Director-General, Civil Aviation Authority of Singapore
1130 – 1245	Panel Discussion: Ensuring Safety and Resilience amid Global Aviation Shifts As the global aviation sector emerges from the COVID-19 pandemic, it faces potentially disrupting aviation shifts. The ramp up of operations to match air travel demand has strained aviation processes at airports, airlines, and air navigation services providers (ANSPs). A world-wide manpower crunch especially in experienced aviation personnel has complicated recovery plans and may have long-term repercussions. Geopolitical tensions and supply chain disruptions can unsettle current operations and forward plans. At the fundamental level, climate change has compelled many to revisit sustainability goals and implications to air operations and safety. Amidst such global aviation shifts, how can the sector deal with competing demands while sustaining its good safety performance? What can the sector do to improve resilience against sudden disruptions and to prepare early for the known challenges ahead? Panel Moderator: Mr. Blair Cowles, Regional Director, Safety and Flight Operations APAC, International Air Transport Association Panelists: Ms. Lacey Pittman, Vice President Global Aerospace Safety Initiatives, Boeing Mr. Tan Lye Teck, Executive Vice-President, Safety & Security, Changi Airport Group Mr. Victor Liu, Director-General Hong Kong Civil Aviation Department
1245 – 1415	Networking Lunch

1415 – 1530

Panel Discussion: Safety Challenges amid the Pursuit of Sustainable Aviation

Sustainability has become a key area of focus for the aviation sector. In the pursuit of new processes and technologies to lower the carbon footprint, existing operations may have to be adjusted. Are there potential risks or 'blind-spots' which could compromise safety? How can we ensure that change management and risk mitigation are robustly performed when pushing new boundaries, innovations and technologies? In this panel, speakers will discuss the potential challenges in ensuring safety amid the drive towards sustainability.

Panel Moderator: Mr. Subhas Menon, Director-General, Association of Asia Pacific Airlines

Panelists:

Mr. Luc Tytgat, Director Strategy and Safety Management, European Union Aviation Safety Agency

Mr. Chris Carter, Director Asia-Pacific Region, Federal Aviation Administration

Mr. Shai Gill, Chief Operations Officer & Accountable Manager, Challenge Airlines IL / Flight Safety Foundation Board of Governors

1530 – 1600

Networking Break

1600 – 1730

Presentation: Integrating Operational Safety Data in Safety Management

The use of data to improve safety is now commonplace. Through the analysis of operational data, we can obtain a broader perspective of risks and hazards from various events and daily operations to inject more insight and more rigor to risk management. In this session, speakers will share their experiences on how to better harness and share safety data, and how improved application of safety data analytics has enhanced safety management and the safety of their operations.

Session Moderator: Mr. Alan Foo, Senior Director (Safety Regulation Group)/Director (Flight Standards), Civil Aviation Authority of Singapore

Speakers:

Mr. Charles Sih, Divisional Vice-President, Safety, Security & Quality, Singapore Airlines

Mr. Akbar Sultan, Airspace Operations and Safety Program Director, NASA Aeronautics Research Mission Directorate

Mr. Chris Murray, Head of Airline Digital Collaboration, Rolls Royce

1800 – 1900

Refreshments and Networking Hour

1900 – 2130

Welcome Reception and Dinner

Day 2: 23 March 2023

Workshops

0800 – 0900

Networking Breakfast with Exhibitors

Join us for breakfast and networking before the day begins

0900 – 0930

Keynote Address

Mr. Christopher Hart, Former Chairman of the United States National Transportation Safety Board

0930 – 1045

Plenary Workshop: Instituting and Enhancing a Positive Safety Culture

Speakers:

Capt. Al Madar, Vice President Operational Safety & Strategy and Deputy Chief Aerospace Safety Officer, Boeing
 Mr. Ajay Mishra, Vice President, Quality, Safety, Sustainability, Risk & Lean, Singapore Aero Engine Services Pte Ltd

1045 – 1115

Networking Break

1115 – 1245

Workshop (Flight Operations): Optimizing Operational Decision-making Tools and their Implementation

Speakers:

Mr. Danny Ho, Chief Executive Vice-President, EVA Airways
 Capt. Ian Cheng, Senior Vice-President Flight Operations, Scoot
 Capt. James Toye, Head of Line Operations, Cathay Pacific Airways

Workshop (Engineering): Leveraging Predictive Maintenance Regimes

Speakers:

Mr. Benny Ng, Manager Technical Services, Singapore Airlines Engineering Company

Workshop (Air Navigation Services / Aerodrome): Strengthening the Interface between the Air Navigation Services Provider and Aerodrome for Safer Operations

Speakers:

Mr. Lim Lam Seng, Deputy Head Air Navigation Service Safety & Security, Civil Aviation Authority of Singapore
 Mr. SL Wong, Director – Technical & Administrative Affairs, Airports Council International Asia-Pacific
 Ms. Duangtawan Pinpimai, Manager, Safety Management Department, AEROTHAI
 Mr. Sekpong Suksamrarn, Air Traffic Control Manager (Safety and Standards), Hat Yai Air Traffic Control Center, AEROTHAI

1245 – 1415

Networking Lunch

1415 – 1545

Workshop (Flight Operations): Insights on Human Factors to Improve Flight Crew Competencies

Speakers:

Capt. Adrian Abraham, Regional Safety Director, South-East Asia, Airbus
 Mr. Pete McCarthy, Head of Group Human Factors, Cathay Pacific Airways

Workshop (Engineering): Understanding Procedural Drift and its Effects

Speakers:

Dr. Maggie Ma, Technical Fellow, Customer Support, Boeing
 Mr. Jason Bok, Vice President, Head Quality & Safety, ST Engineering Aerospace
 Ms. Christine Zylawski, Head of Regulatory Compliance, Air France Industries

Workshop (Air Navigation Services / Aerodrome): Rethinking Runway Safety

Speakers:

Mr. Ray German, Team Manager, Runway Safety, Eastern Service Area and Northwest Mountain and Alaska Regions, Federal Aviation Administration
 Mr. Tzvetomir Blajev, Director, Europe and Global Operational Safety, Flight Safety Foundation
 Dr. Dzung Pham, Chairman, Vietnam Air Traffic Management Corporation

1545 – 1615

Networking Break

1615 – 1745

Presentation: Safety through Learning from All Operations for Evolving Training Needs

In an increasingly interconnected and complex aviation system, it is imperative to learn not only from things that rarely go wrong but also from things that go right. This session explores how training can be enhanced through distilling lessons on human performance in the context of all operations. The session also discusses how training can be customized or improved to upskill aviation personnel to remain relevant in an evolving aviation industry that places increasing emphasis on the use of technology, data and automation.

Session Moderator: Mr. Mitch Fox, Director, Flight Safety Foundation

Speakers:

Capt. Andrew Lim, Director Training Performance, CAE
 Capt. Jaffar Hassan, Regional Vice President, International Federation of Air Line Pilots' Association

Day 3: 24 March 2023

0800 – 0900

Networking Breakfast with Exhibitors

Join us for networking breakfast before the day begins

0900 – 0930

Keynote Address

Mr. Patrick Ky, Executive Director, European Union Aviation Safety Agency

0930 – 1045

Panel Discussion: Human Factors in Aviation Safety – Challenges and Opportunities

The human role in aviation, while one of the most important components, might be the least easily understood. In a similar paradox, humans are deemed a necessary resource for both flexibility and resilience in aviation. With such a complex nature, it is not surprising that the topic of human factors has been widely studied to better comprehend how people behave and perform, and their ability to integrate with technology safely and efficiently. The pandemic has brought into focus a particular aspect of human factors - physical and mental health and wellness, its impact on the performance of aviation personnel and safety, and the criticality to detect and address any issues early. How can organizations better manage human factors to minimize safety risks attributable to the human element, while building a positive safety culture where health and wellness issues are discussed and addressed? In this session, speakers will discuss the challenges faced when dealing with human factors in aviation, opportunities for mitigation, and good practices to upkeep the health and wellness of aviation personnel.

Panel Moderator: Dr. Chong Chun Hon, Chairman Civil Aviation Medical Board (CAMB), CAAS

Speakers:

Dr Quay Snyder, President/ CEO and co-founder of Aviation Medicine Advisory Service

Dr. Maggie Ma, Technical Fellow, Customer Support, Boeing

Capt. Adrian Abraham, Regional Safety Director, South-East Asia, Airbus

Capt. Priya Doobaree, Technical Officer, International Federation of Air Line Pilots' Associations

1045 – 1115

Networking Break

1115 – 1200

Wrap-Up: Summary of Discussion Points and Key Take-Aways

Session Moderator: Mr. Mark Millam, Director Technical Programs and Events, Flight Safety Foundation

Speakers:

Capt. Dr. Eugene Antoni, Divisional Vice-President, Technical and Regulatory Projects, Singapore Airlines

Mr. Sia Kheng Yok, Chief Executive, Association of Aerospace Industries Singapore

Mr. Blair Cowles, Regional Director, Safety and Flight Operations, International Air Transport Association

1200 – 1215

Closing Remarks

Speaker:

Mr. Han Kok Juan, Director-General, Civil Aviation Authority of Singapore

1215 – 1345

Networking Lunch

1345 – 1700

Site Visits

Site 1: MITRE Asia-Pacific Singapore

Site 2: Rolls-Royce (Seletar)

Site visits are optional with only limited slots, which will be allocated on a first-come-first-served basis