

## ASIA-PACIFIC SUMMIT FOR AVIATION SAFETY PROGRAMME

### Day 1

Time	Programme
8.30 AM	<p><b>Welcome Remarks</b>  <b>Dr Hassan Shahidi</b>, President and CEO, Flight Safety Foundation</p> <p><b>Opening Address</b>  <b>Mr S Iswaran</b>, Minister for Transport &amp; Minister-in-charge of Trade Relations, Singapore</p> <p><b>Keynote Addresses</b>  <b>Mr Stephen P. Creamer</b>, Director, Air Navigation Bureau, International Civil Aviation Organization</p>
9.30 AM	<b>Tea Break</b>
10.00 AM	<p><b>High Level Panel on Aviation Safety</b></p> <p>Moderator: <b>Mr Han Kok Juan</b>, Director-General, Civil Aviation Authority of Singapore</p> <p><u>Panellists</u>  <b>Dr Liu Fang</b>, Special representative of the Administrator, Civil Aviation Administration of China  <b>Ms Theresa Maria O’Boyle-Levestam</b>, Acting Chief Executive Civil Aviation Authority of Fiji  <b>Mr Philip Goh</b>, Regional Vice President, International Air Transport Association  <b>Mr Koji Takahashi</b>, Director-General, Air Navigation Services Department, Japan Civil Aviation Bureau  <b>Capt Norazman Mahmud</b>, Chief Executive Officer, Civil Aviation Authority of Malaysia  <b>Capt Manuel Antonio L. Tamayo</b>, Director-General Civil Aviation Authority of Philippines</p>
11.15 AM	<p><b>Panel Discussion: Ensuring Safety and Resilience amid Global Aviation Shifts</b></p> <p>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</p>

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	<p>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?</p> <p>Moderator: <b>Mr Blair Cowles</b>, Regional Director, Operations, Safety and Security, Asia-Pacific, International Air Transport Association</p> <p><u>Panelists</u>  <b>Ms Elisabeth Martin</b>, Vice President Enterprise Safety and Mission Assurance, Boeing  <b>Mr Tan Lye Teck</b>, Executive Vice-President, Safety &amp; Security, Changi Airport Group  <b>Mr Maneesh Kumar</b>, Joint Director-General, Directorate General of Civil Aviation India  <b>Capt M. Mauludin</b>, Director of Airworthiness and Aircraft Operations, Directorate-General of Civil Aviation Indonesia  <b>Mr Barathan Pasupathi</b>, Chief Executive Officer, Jetstar Asia Airways  <b>Capt To Ngoc Giang</b>, Executive Vice President, Vietnam Airlines</p>
12.30 PM	<p><b>Lunch</b></p>
2.00 PM	<p><b>Panel Discussion: Managing Service Disruptions: Ensuring Safety, Building Resilience in Air Navigation Services</b></p> <p>As aviation recovers from the COVID pandemic, ANSPs will face increasing challenges to ensure operational safety in air traffic management / air navigation services arising from air traffic growth, increasing complexities in the operating environment, aging systems, and disruptive events of all types. While technology is a great enabler, systems can fail, causing disruption to services. Can ANSPs and the ATM community collaborate and be better prepared to manage safety risks arising from future disruptions? Are there lessons from the COVID pandemic and other disruptions that can be applied towards rethinking a safe and resilient global ATM that is efficient and sustainable? In this session, speakers will share their insights on the collaboration opportunities to improve resilience in air navigation services provision to ensure safe operations continually amidst the changing landscape.</p> <p>Moderator: <b>Mr Simon Hocquard</b>, Director-General, Civil Air Navigation Services Organisation</p> <p><u>Panelists</u>  <b>Dr Nopasit Chakpitak</b>, President of AEROTHAI  <b>Ms Polana B. Pramesti</b>, Chief Executive Officer, AirNav Indonesia  <b>Mr Timothy L. Arel</b>, Chief Operating Officer of Air Traffic Organization, Federal Aviation Administration</p>

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	<p><b>Mr Ma Tao</b>, Regional Director (Asia-Pacific) for International Civil Aviation Organization  <b>Ms Frédérique Miller</b>, Vice President, Sales Land and Air Systems, Thales Le France  <b>Dr Pham Viet Dung</b>, Chairman, Vietnam Air Traffic Management Corporation</p>
<p>3.15 PM</p>	<p><b>Panel Discussion: Safety Challenges amid the Pursuit of Sustainable Aviation</b></p> <p>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.</p> <p>Moderator: <b>Mr Subhas Menon</b>, Director-General, Association of Asia Pacific Airlines</p> <p><u>Panellists</u>  <b>Mr Chris Carter</b>, Director Asia-Pacific Region, Federal Aviation Administration  <b>Mr Shai Gill</b>, Flight Safety Foundation Board of Governors  <b>Mr Sean Kim</b>, General Manager South East Asia, GE Aerospace  <b>Mr Henry Donohoe</b>, Head Safety, Security and Quality, Air India</p>
<p>4.30 PM</p>	<p><b>Tea Break</b></p>
<p>5.00 PM</p>	<p><b>Presentation: Integrating Operational Safety Data in Safety Management</b></p> <p>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.</p> <p>Moderator: <b>Mr Alan Foo</b>, Senior Director (Safety Regulation Group)/Director (Flight Standards), Civil Aviation Authority of Singapore</p> <p><u>Speakers</u>  <b>Mr Charles Sih</b>, Divisional Vice-President, Safety, Security &amp; Quality, Singapore Airlines</p>



Civil Aviation Authority of Singapore



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	<p><b>Mr Akbar Sultan</b>, Airspace Operations and Safety Program Director, NASA Aeronautics Research Mission Directorate</p> <p><b>Mr Chris Murray</b>, Head of Airline Digital Collaboration, Rolls Royce</p>
6.00 PM	<b>End of Day 1 Summit</b>

## Day 2

Time	Programme
9.00 AM	<p><b>Keynote Address</b></p> <p><b>Mr Christopher Hart</b>, Former Chairman of the United States National Transportation Safety Board</p>
9.30 AM	<p><b>Plenary Workshop: Instituting and Enhancing a Positive Safety Culture</b></p> <p>Moderator: <b>Mr Mitch Fox</b>, Director, Flight Safety Foundation</p> <p><u>Speakers</u></p> <p><b>Capt Kathleen DuBois</b>, Director Global Air Crew Operations for Boeing's Global Aerospace Safety Initiative, Boeing</p> <p><b>Mr Ajay Mishra</b>, Vice President, Quality, Safety, Sustainability, Risk &amp; Lean, Singapore Aero Engine Services Pte Ltd</p> <p><b>Mr Stuart Aggs</b>, Chief Operations Officer, Virgin Australia</p>
10.45 AM	<b>Tea Break</b>
11.15 AM	<p><b>Workshop (Flight Operations): Optimizing Operational Decision-making Tools and their Implementation</b></p> <p>Moderator: <b>Capt Dr Eugene Antoni</b>, Divisional Vice-President, Technical and Regulatory Projects, Singapore Airlines</p> <p><u>Speakers</u></p> <p><b>Mr Danny Ho</b>, Chief Executive Vice-President, EVA Airways</p> <p><b>Capt Ian Cheng</b>, Senior Vice-President Flight Operations, Scoot</p> <p><b>Capt James Toye</b>, Head of Line Operations, Cathay Pacific Airways</p>
	<p><b>Workshop (Engineering): Leveraging Predictive Maintenance Regimes</b></p> <p>Moderator: <b>Mr Sia Kheng Yok</b>, Chief Executive, Association of Aerospace Industries Singapore</p> <p><u>Speakers</u></p> <p><b>Mr Chris Murray</b>, Head of Airline Digital Collaboration, Rolls Royce</p> <p><b>Mr Gary Ong</b>, Vice President, Fleet Operations, Singapore Airlines</p> <p><b>Mr Junichiro Kaya</b>, Vice-President, Component Operation Management &amp; Maintenance, Material Management, All Nippon Airways</p>

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	<p><b>Mr Sebastian Lang</b>, Head of Sales &amp; Customer Development Asia Pacific Digital Fleet Solutions, Lufthansa Technik</p>
	<p><b>Workshop (Air Navigation Services / Aerodrome): Strengthening the Interface between the Air Navigation Services Provider and Aerodrome for Safer Operations</b></p> <p>Moderator: <b>Mr Blair Cowles</b>, Regional Director, Operations, Safety and Security, Asia-Pacific, International Air Transport Association</p> <p><u>Speakers</u>  <b>Mr Lim Lam Seng</b>, Deputy Head Air Navigation Service Safety &amp; Security, Civil Aviation Authority of Singapore  <b>Mr SL Wong</b>, Director – Technical &amp; Administrative Affairs, Airports Council International Asia-Pacific  <b>Ms Duangtawan Pinpimai</b>, Manager, Safety Management Department, AEROTHAI and <b>Mr Sekpong Suksamrarn</b>, Air Traffic Control Manager (Safety and Standards), Hat Yai Air Traffic Control Center, AEROTHAI</p>
12.45 PM	<b>Lunch</b>
2.15 PM	<p><b>Workshop (Flight Operations): Insights on Human Factors to Improve Flight Crew Competencies</b></p> <p>Moderator: <b>Capt Dr Eugene Antoni</b>, Divisional Vice-President, Technical and Regulatory Projects, Singapore Airlines</p> <p><u>Speakers</u>  <b>Capt Adrian Abraham</b>, Regional Safety Director, South-East Asia, Airbus  <b>Mr Pete McCarthy</b>, Head of Group Human Factors, Cathay Pacific Airways</p>

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	<p><b>Workshop (Engineering): Understanding Procedural Drift and its Effects</b></p> <p>Moderator: Mr <b>Sia Kheng Yok</b>, Chief Executive, Association of Aerospace Industries Singapore</p> <p><u>Speakers</u>  <b>Dr Maggie Ma</b>, Technical Fellow, Customer Support, Boeing  <b>Mr Jason Bok</b>, Vice President, Head Quality &amp; Safety, ST Engineering Aerospace  <b>Ms Christine Zylawski</b>, Head of Regulatory Compliance, Air France</p>
	<p><b>Workshop (Air Navigation Services/ Aerodrome): Rethinking Runway Safety</b></p> <p>Moderator: <b>Mr Blair Cowles</b>, Regional Director, Operations, Safety and Security, Asia-Pacific, International Air Transport Association</p> <p><u>Speakers</u>  <b>Mr Birke Rhodes</b>, Division Manager, Airports Safety and Operations, Federal Aviation Administration  <b>Mr Tzvetomir Blajev</b>, Director, Europe and Global Operational Safety, Flight Safety Foundation  <b>Mr Edwin Pang</b>, Product Manager - Digital Towers &amp; Transformation, NATS Services Asia Pacific, Singapore</p>
3.45 PM	<b>Tea Break</b>
4.15 PM	<p><b>Presentation: Safety through Learning from All Operations for Evolving Training Needs</b></p> <p>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.</p> <p>Moderator: <b>Mr Mitch Fox</b>, Director, Flight Safety Foundation</p> <p><u>Speakers</u>  <b>Capt Andrew Lim</b>, Director Training Performance, CAE  <b>Capt Jaffar Hassan</b>, Regional Vice President for International Federation of Air Line Pilots' Associations  <b>Ms Cheryl Chen</b>, Executive Vice President, Asia Pacific, International Federation Air Traffic Controllers' Associations  <b>Assoc Prof Selina Fothergill</b>, Supervisor Psychologist, Aerospace Engineering and Aviation at Royal Melbourne Institute of Technology</p>
5.45 PM	<b>End of Day 2 Summit</b>

**Day 3**

Time	Programme
9.00 AM	<p><b>Keynote Address</b>  <b>Mr Patrick Ky</b>, Executive Director, European Union Aviation Safety Agency</p>
9.30 AM	<p><b>Panel Discussion: Human Factors in Aviation Safety – Challenges and Opportunities</b>  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.</p> <p>Moderator: <b>Dr Chong Chun Hon</b>, Chairman Civil Aviation Medical Board (CAMB), CAAS</p> <p><u>Speakers</u>  <b>Dr Quay Snyder</b>, President/ CEO and co-founder of Aviation Medicine Advisory Service  <b>Dr Maggie Ma</b>, Technical Fellow, Customer Support, Boeing  <b>Capt. Adrian Abraham</b>, Regional Safety Director, South-East Asia, Airbus  <b>Capt Priya Doobaree</b>, Technical Officer, International Federation of Air Line Pilots' Associations, Representative at ICAO and Aviation Psychologist (EAAP)</p>
10.45 AM	<p><b>Tea Break</b></p>
11.15 AM	<p><b>Wrap-up: Summary of Discussion Points and Key Take-aways</b>  Moderator: <b>Mr Tzvetomir Blajev</b>, Director, Europe and Global Operational Safety, Flight Safety Foundation</p> <p><u>Speakers</u>  <b>Capt Dr Eugene Antoni</b>, Divisional Vice-President, Technical and Regulatory Projects, Singapore Airlines</p>



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	<b>Mr Sia Kheng Yok</b> , Chief Executive, Association of Aerospace Industries Singapore <b>Mr Blair Cowles</b> , Regional Director, Operations, Safety and Security, Asia-Pacific, International Air Transport Association
12.00 PM	<b>Closing Remarks</b> <b>Mr Han Kok Juan</b> , Director-General, Civil Aviation Authority of Singapore
12.15 PM	<b>End of Day 3 Summit</b>