

Last updated December 7, 2022

## Day 1: 22 March 2023

0800 - 0900	<b>Registration and Morning Breakfast with Exhibitors</b> Join us for networking breakfast before the day begins
0900 – 0930	<b>Welcome and Opening Remarks</b> <b>Speakers:</b> Mr. Han Kok Juan, Director-General, Civil Aviation Authority of Singapore Dr. Hassan Shahidi, President and CEO, Flight Safety Foundation
0930 – 0950	<b>Keynote Address</b>
0950 – 1030	<b>Photo-Taking and Refreshments</b>
1030 – 1045	<b>Global and Asia Pacific Safety Brief</b>
1045 – 1215	<b>Panel: Ensuring Safety and Resilience amid Global Aviation Shifts</b> 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 the prepare early for the known challenges ahead?
1215 – 1345	<b>Networking Lunch</b>
1345 – 1515	<b>Presentation: Integrating Operational Safety Data in Safety Management</b> 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.
1515 – 1545	<b>Refreshments</b>
1545 – 1715	<b>Panel: Safety Challenges amid the Pursuit of Sustainable Aviation</b> 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.
1830 – 2130	<b>Welcome Reception and Dinner</b>

## Day 2: 23 March 2023

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### Workshops

0800 – 0900	<b>Morning Breakfast with Exhibitors</b> Join us for breakfast and networking before the day begins
0900 - 1015	<b>Workshop (Common): Instituting and Enhancing a Positive Safety Culture</b>
1015 – 1045	<b>Refreshments</b>
1045 - 1215	<b>Workshop (Flight Ops): Optimising Operational Decision-making Tools and their Implementation</b>
1045 - 1215	<b>Workshop (Engineering): Leveraging on Predictive Maintenance Regimes</b>
1045 - 1215	<b>Workshop (ANS/ Aerodrome): Strengthening the Interface between the Air Navigation Services Provider and Aerodrome for Safer Operations</b>
1215 – 1345	<b>Networking Lunch</b>
1345 - 1515	<b>Workshop (Flight Ops): Insights on Human Factors to Improve Flight Crew Competencies</b>
1345 – 1515	<b>Workshop (Engineering): Understanding Procedural Drift and its Effects</b>
1345 – 1515	<b>Workshop (ANS/ Aerodrome): Rethinking Runway Safety</b>
1515 – 1545	<b>Refreshments</b>
1545 - 1715	<b>Presentation: Safety through Learning from All Operations for Evolving Training Needs</b> 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 customised 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.

## Day 3: 24 March 2023

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0800 – 0900	<b>Morning Breakfast with Exhibitors</b> Join us for networking breakfast before the day begins
0900 – 1030	<b>Panel: 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 organisations better manage human factors to minimise 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.

1030 – 1100

**Refreshments**

1100 – 1200

**Wrap-up: Summary of Discussion Points and Key Take-aways**

1200 – 1215

**Closing Remarks**

**Speaker:** Mr. Han Kok Juan, Director-General, Civil Aviation Authority of Singapore (CAAS)

1215 – 1345

**Networking Lunch**

1345 – 1700

**Site Visits**

Optional and on a first come first served basis. Details to follow when ready.