

Annex B

ASIA-PACIFIC SUMMIT FOR AVIATION SAFETY PROGRAMME

Day 1

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

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	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? Moderator: Mr Blair Cowles, Regional Director, Operations, Safety and Security, Asia-Pacific, International Air Transport Association <u>Panelists</u> Ms Elisabeth Martin, Vice President Enterprise Safety and Mission Assurance, Boeing Mr Tan Lye Teck, Executive Vice-President, Safety & Security, Changi Airport Group Mr Maneesh Kumar, Joint Director-General, Directorate General of Civil Aviation India Capt M. Mauludin, Director of Airworthiness and Aircraft Operations, Directorate-General of Civil Aviation Indonesia Mr Barathan Pasupathi, Chief Executive Officer, Jetstar Asia Airways Capt To Ngoc Giang, Executive Vice President, Vietnam Airlines
12.30 PM	Lunch
2.00 PM	Panel Discussion: Managing Service Disruptions: Ensuring Safety, Building Resilience in Air Navigation Services 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. Moderator: Mr Simon Hocquard, Director-General, Civil Air Navigation Services Organisation <u>Panelists</u> Dr Nopasit Chakpitak, President of AEROTHAI Ms Polana B. Pramesti, Chief Executive Officer, AirNav Indonesia Mr Timothy L. Arel, Chief Operating Officer of Air Traffic Organization, Federal Aviation Administration

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

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

Day 2

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

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	Mr Sebastian Lang, Head of Sales & Customer Development Asia Pacific Digital Fleet Solutions, Lufthansa Technik
	Workshop (Air Navigation Services / Aerodrome): Strengthening the Interface between the Air Navigation Services Provider and Aerodrome for Safer Operations Moderator: Mr Blair Cowles, Regional Director, Operations, Safety and Security, Asia-Pacific, International Air Transport Association <u>Speakers</u> 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 and Mr Sekpong Suksamrarn, Air Traffic Control Manager (Safety and Standards), Hat Yai Air Traffic Control Center, AEROTHAI
12.45 PM	Lunch
2.15 PM	Workshop (Flight Operations): Insights on Human Factors to Improve Flight Crew Competencies Moderator: Capt Dr Eugene Antoni, Divisional Vice-President, Technical and Regulatory Projects, Singapore Airlines <u>Speakers</u> Capt Adrian Abraham, Regional Safety Director, South-East Asia, Airbus Mr Pete McCarthy, Head of Group Human Factors, Cathay Pacific Airways

Time	Programme
	Workshop (Engineering): Understanding Procedural Drift and its Effects Moderator: Mr Sia Kheng Yok, Chief Executive, Association of Aerospace Industries Singapore <u>Speakers</u> 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
	Workshop (Air Navigation Services/ Aerodrome): Rethinking Runway Safety Moderator: Mr Blair Cowles, Regional Director, Operations, Safety and Security, Asia-Pacific, International Air Transport Association <u>Speakers</u> Mr Birke Rhodes, Division Manager, Airports Safety and Operations, Federal Aviation Administration Mr Tzvetomir Blajev, Director, Europe and Global Operational Safety, Flight Safety Foundation Mr Edwin Pang, Product Manager - Digital Towers & Transformation, NATS Services Asia Pacific, Singapore
3.45 PM	Tea Break
4.15 PM	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. Moderator: Mr Mitch Fox, Director, Flight Safety Foundation <u>Speakers</u> Capt Andrew Lim, Director Training Performance, CAE Capt Jaffar Hassan, Regional Vice President for International Federation of Air Line Pilots' Associations Ms Cheryl Chen, Executive Vice President, Asia Pacific, International Federation Air Traffic Controllers' Associations Assoc Prof Selina Fothergill, Supervisor Psychologist, Aerospace Engineering and Aviation at Royal Melbourne Institute of Technology
5.45 PM	End of Day 2 Summit

Day 3

Time	Programme
9.00 AM	Keynote Address Mr Patrick Ky, Executive Director, European Union Aviation Safety Agency
9.30 AM	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. Moderator: Dr Chong Chun Hon, Chairman Civil Aviation Medical Board (CAMB), CAAS <u>Speakers</u> 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, Representative at ICAO and Aviation Psychologist (EAAP)
10.45 AM	Tea Break
11.15 AM	Wrap-up: Summary of Discussion Points and Key Take-aways Moderator: Mr Tzvetomir Blajev, Director, Europe and Global Operational Safety, Flight Safety Foundation <u>Speakers</u> Capt Dr Eugene Antoni, Divisional Vice-President, Technical and Regulatory Projects, Singapore Airlines

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