



## Singapore Aviation Safety Seminar 2018

*Stepping up Safety: Enabling growth, Embracing New Technologies*

Monday, March 26, 2018	
1245 – 1400	Registration, Lunch with Exhibitors
1400 – 1430	<p><u>Opening Ceremony</u>            Mr. Tay Tiang Guan, <i>Deputy Director-General</i>, Civil Aviation Authority of Singapore            Mr. Jon Beatty, <i>President and CEO</i>, Flight Safety Foundation</p>
1430 – 1450	<p><u>Keynote Address — Safety Brief</u>            Dr. Manjit Singh, <i>Deputy Regional Director</i>, ICAO Asia-Pacific Office</p>
1450 – 1520	Afternoon Break with Sponsors and Group Photo
1520 - 1535	<p><u>Data Analytics to improve Aviation Safety</u>            Mr. Greg Nelson, <i>Assistant Director</i>, MITRE Asia Pacific Singapore</p>
<b>Panel Discussion 1: - Safety Performance; What Can We Do?</b>	
1535 – 1700	<p><u>Moderator:</u>            Mr. Tay Tiang Guan, <i>Deputy Director-General</i>, Civil Aviation Authority of Singapore</p> <p><u>Panelists:</u>            Ms. Carey Fagan, <i>Director, International</i>, FAA            Mr. Frank Steffens, <i>Head of the International Cooperation</i>, EASA            Mr. Martin Eran-Tasker, <i>Technical Director</i>, Association of Asia Pacific Airlines (AAPA)            Mr. Osman Saafan, <i>Director of Corporate Safety &amp; Security Management and Military Affairs</i>, DFS Deutsche Flugsicherung GmbH            Mr. Christopher Murray, <i>Head of Operations Singapore</i>, Rolls-Royce R2 Data Labs</p>
1800 – 2000	Networking Reception hosted by CAAS



Tuesday, March 27, 2018	
0800 – 0900	Registration and Coffee/tea with Sponsors
Session 1: New Generation Avionics and Systems	
0900 – 0920	Collecting More Data to Advise Operations About the Status of the Aircraft Mr. Joseph Barclay, <i>Chief Executive Officer &amp; President</i> , Inflight Warning Systems
0920 – 0940	The Challenges Faced in Manufacturing of Flight Control and Display System Mr. Jimson Ngiam, <i>Quality Director</i> , Thales Solutions Asia
0940 – 1000	Operational Efficiency and Enhanced Safety through Satellite Connectivity Mr. Hannes Griebel, <i>Aviation Product Manager</i> , Inmarsat
1000 – 1020	Research Underway to Provide More Information During Operations when its Needed Mr. Akbar Sultan, <i>Deputy Director</i> , NASA
1020 – 1050	Morning Break with Sponsors
Session 2: Risk Management LOC-i	
1050 – 1110	Reducing Exposure to LOC-i in Go Arounds Capt. Bill Curtis, <i>Head of Aviation</i> , Presage Group
1110 – 1130	Go around decision making process Mr. Terry McVenes, <i>Director, System Safety &amp; Regulatory Affairs</i> , The Boeing Company
1130 – 1150	Risk Management LOC – i Airline’s Perspective Capt. Ling Liong Tien, <i>Group Head Safety</i> , AirAsia Group
1150 – 1210	UPRT Implementation & Lessons Learnt Dr. Sunjoo Advani, <i>President</i> , International Development of Technology (IDT)
1210 – 1330	Lunch
Session 3: Risk Management - Runway Occurrences	
1330 – 1350	Harmonization and Standardization of International Standards Mr. Lim Lam Seng, <i>Head (ATS Regulation)</i> , Civil Aviation Authority of Singapore
1350 – 1410	Runway Safety Program for the Airport Operator Mr. SL Wong, <i>Head of Technical &amp; Industry Affairs</i> , Airport Council International Asia-Pacific Region (ACI)
1410 – 1430	IATA Runway Safety Initiatives Mr. Gerardo Hueto, <i>Assistant Director, Safety and Flight Operations</i> , Asia-Pacific, International Air Transport Association (IATA)
1430 – 1450	Mitigating the Role of Weather in Runway Safety Occurrences Mr. John Dutcher, <i>Director Safety, Quality &amp; Security</i> , South Pacific Airlines
1450 – 1510	Afternoon Break with Sponsors
Panel Discussion 2: Lessons learned from Accident and Incident Investigation	
1510 – 1640	<u>Moderator:</u> Mr. Chan Wing Keong, <i>Advisor</i> , Transport Safety Investigation Bureau, Singapore <u>Panelists:</u> Capt. Adrian Abraham, <i>Safety Investigator</i> , Air Asia Mr. Caj Frostell, <i>Commissioner</i> , Banjul Accord Group Accident Investigation Agency (BAGAIA) Mr. Danny Ho, <i>Executive Vice President, Corporate Safety, Security &amp; Environment Division</i> , Eva Air Capt. Felix Chen Seong Kit, <i>Member of Technical Committee</i> , ALPA-S
1640	End of day



Program and Schedule

Wednesday, March 28, 2018	
0800 – 0900	Registration and Coffee/tea with Sponsors
Session 4: Maintenance Line Operations Safety Assessments	
0900-0915	MLOSA : Air France Industries Hands-On Experience Ms. Christine Zylawski, <i>Head of Regulatory Compliance   Authorities Liaison</i> , Air France
0915-0930	Mx LOSA Experience, Implementation and Benefit Mr. Hariyadi Wirja, <i>GM Safety Inspection</i> , PT GMF AeroAsia Tbk
0930-0945	M-LOSA: The Smart Way to Improve Safety Management Mr. Li Chen, <i>Auditor of Safety and Quality Department</i> , Eastern Airlines Technic CO. LTD
0945-1000	Adopting M-LOSA to Maintenance Provider, Our Experience so Far Mr. Alan Tang, <i>Maintenance Standards Manager</i> , Cathay Pacific Airways
1000-1015	M-LOSA in Qantas Engineering Mr. David Mangan, <i>Manager Safety, Quality &amp; Compliance Support</i> , Qantas Engineering
1015-1030	The Process of Implementing LOSA to Maintenance Dr. Cheng Hao, <i>Lecturer, Flight Standards Department.</i> , Civil Aviation Management Institute of China
1030 -1045	Session 4 Discussion - Q&A Moderator: Mr. Mark Millam, <i>Vice President Technical</i> , FSF
1045 - 1130	Morning Break with Sponsors
Session 5: New Materials, New Repairs	
1130 – 1200	Innovations and New Manufacturing Technology for Maintenance and Repair of Next-Generation Engine Dr. David Low, <i>CEO, Advanced Remanufacturing Technology Centre (ARTC), A*STAR</i>
1200 – 1230	New materials: An unavoidable evolution; Challenges and opportunities Prof. Xavier Jolivet, <i>Director of Flight Safety / Safety Enhancement</i> , Airbus SAS Mr. Guillaume Ferrer, <i>Embodiment Industrialization Manager Composite structure repair / Instructor</i> , Airbus SAS
1230 – 1250	Non-Destructive Testing for Airframe Repairs Mr. Steven Crummack, <i>Representative</i> , Singapore Non-Destructive Testing (NDT) Board
1250 – 1420	Lunch
Session 6: Breakthroughs in Manufacturing	
1420 – 1440	Digital Manufacturing and Design for the Aerospace Industry Prof. David Rosen, <i>Director, Digital Design and Manufacturing (DManD) Centre</i> , Singapore University of Technology and Design
1440 – 1500	Additive Manufacturing in Airline / MRO Industry Mr. Daniel Thomsen, <i>Deputy General Manager</i> , Stratasys – Asia Pacific Region
1500 – 1520	A Contemporary Disruptive Technology Controlled Additive – Subtractive Manufacturing Ms. Helene Pepin, <i>Senior Group Manager</i> , ARTC
1520 – 1150	Additive Manufacturing: Regulatory Challenges and Possible Solutions Mr. Jonathan Tan, <i>Deputy Head (Airworthiness Engineering – Standards)</i> , Civil Aviation Authority of Singapore
1550 – 1620	Afternoon Break with Sponsors
Session 7: Change Management: Aircraft Maintenance Activities	
1620 – 1640	Change Management from an Operators Perspective Ms. Christine Zylawski, <i>Head of Regulatory Compliance   Authorities Liaison</i> , Air France
1640 – 1700	Change Management from a Regulatory Perspective Mr. Liu Bin, <i>Deputy Director, Flight Standards Department.</i> , Civil Aviation Management Institute of China
1700	End of Seminar



*Workshop 1: Engineering Workshop - Safety Management Tools*

Tuesday, March 27, 2018	
0800 – 1000	Registration and Coffee/tea with Sponsors
1000 – 1100	<a href="#">Safety Performance Indicators &amp; Safety Targets</a> Mr. Wong Chew Wah, <i>Principal Manager (Continuing Airworthiness)</i> , Civil Aviation Authority of Singapore
1100 – 1210	<a href="#">Sharing How Organizations Develop their SPIs and Safety Target</a> Mr. Michael Pang, <i>Head (School of Aviation Safety &amp; Security)</i> , Civil Aviation Authority of Singapore
1210 – 1330	Lunch
1330 – 1450	<a href="#">Operational Hazard Identification and Risk Mitigation (OHIRM)</a> Mr. Teo Gim Thong, <i>PTS</i> , Civil Aviation Authority of Singapore
1450 – 1520	Afternoon Break with Sponsors
1520 – 1630	<a href="#">Operational Hazard Identification and Risk Mitigation (OHIRM)</a> Mr. Teo Gim Thong, <i>PTS</i> , Civil Aviation Authority of Singapore

*Workshop 2: Flight Operations Workshop - Go-Around Decision-Making and Execution*

Wednesday, March 28, 2018	
0800 – 0900	Registration and Coffee/tea with Sponsors
0900 – 1630	<a href="#">Go-Around Decision-Making and Execution</a> Capt. Bill Curtis & Dr. Martin Smith, Presage Group
0900 – 1045	Introduction, Industry Actions, Airline’s Experience, Data Collection for ‘Virtual’ Airline for the Day
1045 – 1130	Morning Break with Sponsors
1130 – 1250	Introduction of the day’s ‘Virtual’ Airline, State of Industry, FSF GADM&E Project, Presage Science
1250 – 1420	Lunch
1420 – 1520	Data Analysis of ‘Virtual’ Airline, High Level Mitigation Strategy, Communications, Building Recommendations
1520 – 1550	Afternoon Break with Sponsors
1550 – 1615	Theoretical Expected Utility, Go Around Risk/Cost/Safety Analysis, Operationalizing Recommendations, Validation and Assessment of new procedures, Next Steps
1615 – 1700	Summary

*Workshop 3: Flight Operations Workshop – Common Aviation Risk Issues*

Thursday, March 29, 2018	
0800 – 0900	Registration and Coffee/tea
0900 – 1000	<a href="#">Regional Airline Human Factors Issues Exchange</a> Capt. Adrian Abraham, <i>Safety Investigator</i> , Air Asia Capt. Jason Wong Jay Sheng, <i>Human Factors Manager</i> , AirAsia X
1000 – 1045	<a href="#">SASS 2018 – SPI Survey Results</a> Mr. Mark Millam, <i>Vice President Technical</i> , FSF
1045 – 1130	Morning Break
1130 – 1250	<a href="#">FORAS System Functionality</a> Mr. William Yeh, <i>JVP, Corporate Safety, Security &amp; Environment Div</i> , EVA Air <a href="#">FORAS Model and Application</a> Mr. Chi-Bin Cheng, <i>Ph.D.</i> , Tamkang University
1250 – 1420	Lunch
1420 – 1520	<a href="#">FORAS Model and Application</a> Mr. Chi-Bin Cheng, <i>Ph.D.</i> , Tamkang University
1520 – 1550	Afternoon Break with Sponsors
1550 – 1630	<a href="#">FORAS System Requirements &amp; iPad Solution</a> Mr. Frank Kao, <i>Corporate Safety, Security &amp; Environment Div</i> , EVA Air <a href="#">How to get FORAS</a> Mr. William Yeh, <i>JVP, Corporate Safety, Security &amp; Environment Div</i> , EVA Air Mr. Mark Millam, <i>Vice President Technical</i> , FSF