



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



Tuesday, March 27, 2018

0800 – 0900	Registration and Coffee/tea with Sponsors
0900 – 0920	Collecting More Data to Advise Operations About the Status of the Aircraft Joseph Barclay , <i>Chief Executive Officer & President</i> , Inflight Warning Systems
0920 – 0940	The Challenges Faced in Manufacturing of Flight Control and Display System Jimson Ngiam , <i>Quality Director</i> , Thales Solutions Asia
0940 – 1000	Research Underway to Provide More Information During Operations when it's Needed Akbar Sultan , <i>Deputy Director</i> , NASA
1000 – 1020	Operational Efficiency and Enhanced Safety through Satellite Connectivity Michael Warner , <i>Regional Director – Safety & Operational Services</i> , Inmarsat
1020 – 1050	Morning Break with Sponsors
1050 – 1110	Risk Management - LOC-i Bill Curtis , <i>Head of Aviation</i> , Presage Group
1110 – 1130	Risk Management - LOC-i Terry McVenes , <i>Director, System Safety & Regulatory Affairs</i> , The Boeing Company
1130 – 1150	Risk Management - LOC-i Captain Ling Liong Tien , <i>Group Head Safety</i> , AirAsia Group
1150 – 1210	UPRT Implementation & Lessons Learned Sunjoo Advani , <i>President</i> , International Development of Technology (IDT)
1210 – 1330	Lunch
1330 – 1350	Harmonization and Standardization of International Standards Lim Lam Seng , <i>Head (ATS Regulation)</i> , Civil Aviation Authority of Singapore
1350 – 1410	Runway Safety Program for the Airport Operator SL Wong , <i>Head of Technical & Industry Affairs</i> , Airport Council International Asia-Pacific Region (ACI)
1410 – 1430	IATA Runway Safety Initiatives 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 John Dutcher , <i>Director Safety, Quality & Security</i> , South Pacific Airlines
1450 – 1510	Afternoon Break with Sponsors
1510 – 1640	Panel Discussion 2 - Lessons learned from Accident and Incident Investigation <u>Moderator:</u> Chan Wing Keong , <i>Advisor</i> , Transport Safety Investigation Bureau, Singapore <u>Panelists:</u> Captain Adrian Abraham , <i>Safety Investigator</i> , Air Asia Caj Frostell , <i>Commissioner</i> , Banjul Accord Group Accident Investigation Agency (BAGAIA) Danny Ho , <i>Executive Vice President, Corporate Safety, Security & Environment Division</i> , Eva Air Captain 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
0900 – 1045	<p>Panel - Maintenance Line Operations Safety Assessments</p> <p>Panelists: MLOSA : Air France Industries Hands-On Experience Christine Zylawski, <i>Head of Regulatory Compliance Authorities Liaison, Air France</i></p> <p>M-LOSA Experience, Implementation and Benefit Hariyadi Wirja, <i>GM Safety Inspection, PT GMF AeroAsia Tbk</i></p> <p>M-LOSA: The Smart Way to Improve Safety Management Li Chen, <i>Auditor of Safety and Quality Department, Eastern Airlines Technic CO. LTD</i></p> <p>Adopting M-LOSA to Maintenance Provider, Our Experience so Far Alan Tang, <i>Maintenance Standards Manager, Cathay Pacific Airways</i></p> <p>M-LOSA in Qantas Engineering David Mangan, <i>Manager Safety, Quality & Compliance Support, Qantas Engineering</i></p> <p>The Process of Implementing LOSA to Maintenance Mr Cheng Hao, <i>Lecturer, Flight Standard Dept. CAMIC</i></p> <p>Q&A Moderator: Mark Millam, <i>Vice President Technical, FSF</i></p>
1045 - 1130	Morning Break with Sponsors
1130 – 1200	<p>Innovations and New Manufacturing Technology for Maintenance and Repair of Next-Generation Engine David Low, <i>CEO, Advanced Remanufacturing Technology Centre (ARTC), A*STAR</i></p>
1200 – 1230	<p>New Materials, New Repairs Guillaume Ferrer, <i>Embodiment Industrialization Manager Composite structure repair / Instructor, Airbus</i> SAS Xavier Jolivet, <i>Director of Flight Safety / Safety Enhancement, Airbus</i> SAS</p>
1230 – 1250	<p>Non-Destructive Testing for Airframe Repairs Steven Crummack, <i>Representative, Singapore Non-Destructive Testing (NDT) Board</i></p>
1250 – 1420	Lunch
1420 – 1440	<p>Digital Manufacturing and Design for the Aerospace Industry David Rosen, <i>Director, Digital Design and Manufacturing (DMand) Centre, Singapore University of Technology and Design</i></p>
1440 – 1500	<p>Additive Manufacturing in Airline / MRO Industry Daniel Thomsen, <i>Deputy General Manager, Stratasys – Asia Pacific Region</i></p>
1500 – 1520	<p>A Contemporary Disruptive Technology Controlled Additive – Subtractive Manufacturing Helene Pepin, <i>Senior Group Manager, ARTC</i></p>
1520 – 1150	<p>Additive Manufacturing: Regulatory Challenges and Possible Solutions Jonathan Tan, <i>Deputy Head (Airworthiness Engineering – Standards), Civil Aviation Authority of Singapore</i></p>
1550 – 1620	Afternoon Break with Sponsors
1620 – 1640	<p>Change Management from an Operators Perspective Christine Zylawski, <i>Head of Regulatory Compliance Authorities Liaison, Air France</i></p>
1640 – 1700	<p>Change Management: Aircraft Maintenance Activities Mr. Liu Bin, <i>Deputy Director, Flight Standard Dept., CAMIC</i></p>
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	Safety Performance Indicators & Safety Targets Wong Chew Wah
1100 – 1210	Sharing How Organizations Develop their SPLs and Safety Target Michael Pang
1210 – 1330	Lunch
1330 – 1450	Operational Hazard Identification and Risk Mitigation (OHIRM) Teo Gim Thong, PTS, Civil Aviation Authority of Singapore
1450 – 1520	Afternoon Break with Sponsors
1520 – 1630	Operational Hazard Identification and Risk Mitigation (OHIRM) Teo Gim Thong

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	Go-Around Decision-Making and Execution Bill Curtis & 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 – 1630	Summary



Workshop 3: Flight Operations Workshop – Common Aviation Risk Issues

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