

***ON DEMAND SESSION A**

The State of Aviation Safety – Statistics and Programs

It is evident that our industry will forever be changed by the pandemic. We also need to look beyond the immediate pandemic-focused horizon. This session will look at traditional safety issues and collect facts and statistics from around the globe to summarize our current performance. This includes looking at accidents, incidents, potential close calls, and the changes in operations that indicate progress.

- Mr. Mark Millam, Master of Ceremonies and Vice President, Technical, Flight Safety Foundation
- Mr. Harry Nelson, Chair, Flight Safety Foundation International Advisory Committee (IAC)

***ON DEMAND SESSION B**

Pilot Health and Wellbeing

During the pandemic, the pace of changes in flight rules, social distancing, and basic familiar patterns put increased stress on flight, cabin, and ground crews. Managing distractions and stress is and will continue to be a major issue facing flight crews. Here we will look at what can be done to protect against any limitations becoming a significant problem.

Presentations:

- Pilot Mental Health and Wellbeing – Capt. Paul Cullen, Research Associate, Trinity College Dublin and Dr. Joan Cahill, Research Fellow and Principal Investigator, Trinity College Dublin
- FSF wellbeing document – FSF International Advisory Committee Member

Moderated by Mr. Harry Nelson, Chair, Flight Safety Foundation International Advisory Committee (IAC)

***ON DEMAND SESSION C**

The Role of UAS in Humanitarian Efforts

This panel will highlight the experiences, challenges, and the perceptions from four major International Organizations, with regards to the integration of Unmanned Aircraft Systems (UAS) to assist Emergency response as well as International Development Operations.

Panel Discussion:

- Mr. Patrick McKay, UAS Focal point Southern Africa and TEC-F UAS Team, World Food Programme (WFP)
- Mr. Alexis Cléré, Project Manager for Innovation in Humanitarian Aviation, International Committee of the Red Cross (ICRC)
- Mr. Tautvydas Juskauskas, Drone Specialist Supply Chain Strengthening Centre, United Nations Children’s Fund (UNICEF)
- Dr. Philippe de Saint-Georges, Air Operations Back Office, Doctors without Borders (Médecins Sans Frontières)
- Mr. Jo Gillespie, Safety and Regulatory Advisor, World Food Programme (WFP)

Moderated by Dr. Sara de la Rosa, Associate, UAS Strategy and Policy, Oversight International

***ON DEMAND SESSION D**

In-Time Aviation Safety Management

This panel of experts from the National Aeronautics and Space Administration (NASA) will discuss In-Time Aviation Safety Management.

Panel Discussion:

- Dr. Misty Davies, Deputy Project Manager, NASA System Wide Safety
- Dr. Kyle Ellis, Associate Project Manager, NASA System Wide Safety
- Mr. John H. Koelling, Project Manager, NASA System Wide Safety
- Dr. Lance Prinzel, Senior Technical Advisor, NASA System Wide Safety

Moderated by Ms. Deborah Kirkman, Associate Director, Advanced Aviation Systems, Flight Safety Foundation

***ON DEMAND SESSION E**

Countermeasures for the Prevention of Airborne Infectious Diseases in an Aircraft Environment

Countermeasures for the Prevention of Airborne Infectious Diseases in an Aircraft Environment.

- Dr. Michelle Hong Chan, Aerospace Medicine Resident, University of Texas Medical Branch
- Dr. William Valencia, Aerospace Medicine Resident, University of Texas Medical Branch

IASS 2020: Safety Leadership and Global Collaboration During Crisis

<p>*ON DEMAND SESSION F</p> <p>Conducting BARS Program Safety Audits During COVID-19 – Lessons Learned</p>	<p>Mr. David Anderson, BARS Program, Managing Director, Flight Safety Foundation, will share lessons learned from conducting BARS program safety audits during COVID-19.</p>
<p>ON DEMAND FSF WEBINARS</p> <p>Managing the COVID-19 Pandemic Webinar Series</p>	<p>Enjoy these previously recorded “Managing the COVID-19 Pandemic” webinars conducted by the Flight Safety Foundation in April and May of 2020.</p>
	<p>Managing the COVID-19 Pandemic: Impact on Air Navigation Service Providers (ANSPs)</p> <p>The panelists discuss what goes into planning for and mitigating the impact of the virus at ANSPs. It also looks at what improvements could be made to the system to help ANSPs manage through the current crisis and prepare for the future.</p> <p>Panel Discussion:</p> <ul style="list-style-type: none"> • Ms. Teri Bristol, Chief Operating Officer, U.S. Federal Aviation Administration (FAA) • Mr. Eamonn Brennan, Director General, EUROCONTROL • Mr. Simon Hocquard, Director General, Civil Air Navigation Services Organisation (CANSO) • Mr. Kevin Shum, Director General, Civil Aviation Authority of Singapore (CAAS) • Mr. Neil Wilson, President and CEO, NavCanada
	<p>Managing the COVID-19 Pandemic: Regulators</p> <p>World regulators have a wide range of safety oversight responsibilities. Under normal conditions, these oversight responsibilities are complex and challenging to ensure safe operations. This panel looks at how the COVID-19 pandemic is affecting these responsibilities.</p> <p>Panel Discussion:</p> <ul style="list-style-type: none"> • Mr. Ali Bahrami, Associate Administrator-Aviation Safety, US Federal Aviation Administration (FAA) • Mr. Rob Bishton, Group Director-Safety & Airspace Regulation, UK Civil Aviation Authority (CAA) • Mr. Tay Tiang Guan, Deputy Director-General of the Civil Aviation Authority of Singapore (CAAS) • Mr. Patrick Juneau, Director-Civil Aviation-Policy and Regulatory Services, Transport Canada • Mr. Joseph Szwalek, Director-Civil Aviation-Ontario, Transport Canada

Managing the COVID-19 Pandemic: Humanitarian Efforts

Humanitarian operations are nothing new for aviation, which has long been critical in responding to disasters such as earthquakes and hurricanes. Whether it is cargo aircraft ferrying in needed supplies, passenger aircraft transporting people out of danger zones, or helicopters conducting search and rescue operations, aviation provides unique capabilities during humanitarian crises.

Panel Discussion:

- Mr. Cesar Arroyo, Country Director of Somalia, United Nations – World Food Programme (WFP)
- Mr. Jose T. Odini Chief, Aviation Safety Unit, United Nations – World Food Programme (WFP)
- Mr. Carlos Haro, Head of Air cell, Doctors without Borders (Médecins Sans Frontières)
- Mr. Philippe de Saint-Georges, Air Operations, Doctors without Borders (Médecins Sans Frontières)
- Mr. Michel Schaffner, Head of Air Operations, International Committee of the Red Cross (ICRC)

Managing the COVID-19 Pandemic: Aviation Medical Community

Even with a significant drop in passenger demand and flight restrictions in place around the world, airlines and business aviation need to keep flying to maintain essential links for medical personnel and passengers who still need to get from one place to another. This panel discusses how airlines are doing this, as well as, providing critical air cargo services, moving mail and medical supplies, and transitioning passenger aircraft into cargo-only flights.

Panel Discussion:

- Dr. Paulo Alves, Global Medical Director Aviation Health, MedAire
- Dr. Ansa Jordaan, Chief, Aviation Medicine Section, International Civil Aviation Organization (ICAO)
- Dr. David Powel, Medical Advisor, International Air Transport Association (IATA)

Managing the COVID-19 Pandemic: Global Organizations

Global aviation organizations such as ACI, IATA and ICAO oversee a vast array of members, bringing together industry players to develop best practices for safely operating international aviation. During this discussion, the Foundation brings together experts to discuss how these critical organizations are helping airlines, airports and aviation regulators manage through the COVID-19 pandemic and the various restrictions and measures that have been put in place during this challenging time.

Panel Discussion:

- Ms. Michelle Bishop, Director, Programmes, Civil Air Navigation Service Organization (CANSO)
- Mr. Stephen Creamer, Director, Air Navigation Bureau, International Civil Aviation Organization (ICAO)
- Mr. David Gamper, Director Safety, Technical and Legal Affairs, Airports Council International (ACI)
- Mr. Gilberto Lopez Meyer, Senior Vice President for Safety and Flight Operations, International Air Transport Association (IATA)

Managing the COVID-19 Pandemic: Network Airline Operations

Air travel is essential to the global economy and it enables viruses and other infectious diseases to leap borders and oceans. Our panelists discuss what the world's largest carriers are doing to protect their passengers, crews and balance sheets; what goes into a decision to reduce or suspend service; and how they will know when it's time to build back toward pre-coronavirus service levels.

Panel Discussion:

- Mr. Andreas Flaig, Vice President Corporate Safety and Compliance Monitoring, Lufthansa Group
- Mr. John Heimlich, Vice President and Chief Economist, Airlines for America
- Mr. Michael J. Quiello, Vice President, Corporate Safety, Security, Quality and Environment, United Airlines