

70th Anniversary

Dublin, Ireland
October 23–25

IASS 2017

International Air Safety Summit



Organized by:



Hosted by:



CALL FOR PRESENTATIONS

The Flight Safety Foundation is to hold its 70th annual International Air Safety Summit in Dublin, Ireland, October 23 to 25 2017. Held annually since 1947, IASS is aviation's premier safety summit, drawing over 300 representatives from 50 or more countries to examine safety matters of special concern to the aviation community. The summit attracts professionals from across the aviation industry including; air carriers, helicopter operators, manufacturers and equipment suppliers, trainers, flight crews, maintenance personnel, industry executives, and regulators.

Submissions of non-academic abstracts are due by Friday, March 31, 2017. Notification of acceptance of submissions will be communicated during late April 2017.

On day two of this year's event, we will be conducting parallel sessions on topics of specific interest to 1) Maintenance and Engineering personnel, and 2) Helicopter operations. These are in addition to a third generic parallel session. These sessions will run within the same hotel venue.

CALL FOR PRESENTATIONS



For flight operations in general, we would like to invite potential speakers to submit non-academic proposals for presentations on any of the following topics:

Managing Risk at the Frontline

- Unruly passengers
- MEL policies/strategies
- Design issues for OEM consideration
- Adherence to SOPs/Intentional Non-compliance
- Maintenance documentation
- Air traffic control
- Weather awareness
- Maintenance environment & fatigue
- Flight ops/maintenance interface & communication
- Operational flight plan assessment
- Managing change
- Fatigue
- Correct evaluation and management of identified risk

Strategic Approach to Safety

- Value proposition for safety

Data

- Sharing of safety information
- Measuring safety benefit
- Best practice awareness
- Security/Cyber security (particularly mobile apps such as EFBs)
- Availability
- Integration of various data streams to form a broader aspect
- Post maintenance data
- As used to develop and enhance EBT

Human Factors

- Fatigue
- Complacency
- Situational awareness
- Workload/dynamic task demands
- Automation and training for automation use
- Fitness for flight & maintenance activities
- EFBs
- Perception of threats & risk
- Management of human error

SUBMISSION DEADLINE: FRIDAY, MARCH 31, 2017

CALL FOR PRESENTATIONS



Oversight of Policies and Procedures

- By the State, executive and general management, supervisors
- Of vendors & contractors

Training

- Data being used in EBT
- Sharing best practices amongst training providers
- Training for startle effect
- Variable go-around scenarios
- Regulations

Case Studies

- Lessons learned from investigations, either external or internal or from implementing change within the organization.

For helicopter operations presentations, we would like to invite potential speakers to submit abstracts for presentations on any of the following topics:

Fixed Wing/Helicopter — Learning From Each Other

- Safety leadership, culture and collaboration
- Policies, including approach to certification
- Operations, including the use of automation, flight path management, planning, procedures and training
- Maintenance optimization
- Safety enhancing technologies

Helicopter Safety

- Enhancing reliability and resilience
- Detecting potential system failures
- Supporting effective human performance
- Evidence-based training
- Effective use of automation
- Obstacle avoidance
- Interface with ATC

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For Maintenance Activity presentations, we would like to invite potential speakers to submit abstracts for presentations on any of the following topics:

- **Failure to Follow Procedures:** No engineer or mechanic wants to violate procedure, so why does it happen? Topics affecting this issue include work environment, documentation, fatigue, and training. What other factors exist and what can be done to minimize it?
- **Leadership and Safety Culture:** Maintenance professionals are continually reminded about compliance ... compliance to documentation, compliance to regulation, compliance to policy... but is this really an effective safety culture? What can leadership do foster a safety culture where the maintenance manuals leave off?
- **Oversight/Quality Programs:** Second set of eyes, double inspection systems, and contract maintenance. With maintenance spread out globally, and so many different maintenance programs, how can effective oversight be maintained? What are the responsibilities of the Operator vs. the Regulator, vs. the MRO?
- **Professionalism:** *"While rushing to avoid a delay..."* Awareness of responsibilities, resilience, communication and complacency are just some of the topics. Ensuring the best 'fix' thru open and effective communication with flight crews, supervision, and using all available tools, data and resources should be standard practice when maintaining aircraft.
- **Human Factors:** Any related human factors issues in maintenance that could include those from the list above.

Presentation proposals should include:

- an abstract of the topic of no more than 250 words with a brief title,
- a biography of the speaker of no more than 400 words, noting other seminars or conferences where they have presented,
- a headshot photo of the speaker suitable for publication on our website.

We also welcome papers on topics that would be suitable for publication in our magazine and/or on our website.

Submissions are due by Friday March 31. Notification of acceptance or denial will be communicated during late April.

For those whose topics are selected for IASS, PowerPoint presentations should include text size of at least 18 point.

Inquiries regarding the submission process can be sent to technical@flightsafety.org or by calling +1.703.739.6700

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I wish to present a paper at IASS 2017 and have enclosed a brief (no more than 250 words) abstract of the proposed paper, plus a résumé or curriculum vitae (cv) of no more than one page.

Presenter Information:

Author's Name (Print):

Paper Title:

I am submitting this paper to be considered for presentation at the: IASS 2017 Maintenance Day 2 Helicopters Day 2

Learning/Skills Objectives

What will participants learn and what skills will they gain or enhance by attending your presentation?

Intended Audience

Who from the aviation safety community is your primary, intended attendee for this proposed session?

Organization:

Position:

Mailing Address:

Name/Organization:

Street/Building/Suite:

City/State/Country/Zip/Postal Code:

Telephone:

Fax:

Email:

- Abstracts must be submitted to Flight Safety Foundation by Friday, March 31, 2017 and should include:
 - One page abstract (no more than 250 words in English)
 - Résumé or curriculum vitae
 - The completed presenter information form above
- Presentations will be selected on the basis of content and applicability.
- Each presenter will be responsible for his or her own travel and accommodation costs.
- A transfer of copyright to the Foundation is required for each paper selected for presentation at the summit.
- Submittal of an abstract or paper implies agreement that the author shall transfer copyright to the Foundation.
- Presentation duration, which includes time for question and answer, is approximately 30 minutes.
- Notification of abstract acceptance or denial will be communicated during late April 2017.

Complete this form and return it by Friday, March 31, 2017 to Flight Safety Foundation:

Email: technical@flightsafety.org | Fax: +1 703.739.6708

For a copy of this form, please visit flightsafety.org/event/iass2017.