

2023 EASA – FAA International Aviation Safety Conference

The path to the future: safety and sustainability first

13-15 June 2023

Conference venue: Gürzenich, Cologne

Agenda

DAY 1, TUESDAY 13 JUNE 2023

ROOM: GROSSER SAAL

TIME TITLE, SPEAKER

As of 11:00 **CHECK-IN AND REGISTRATION**

13:00-13:05 **OPENING**

Janet Northcote, EASA Head of Communications, Master of Ceremonies

13:05-13:15 **WELCOME AND OPENING REMARKS**

Patrick Ky, Executive Director, EASA

DAY 1 FOCUS AREA – SAFETY and SUSTAINABILITY

13:15-13:30 **KEYNOTE SPEECH**

József Váradi, CEO, Wizzair

13:30-14:30 **FIRESIDE CHAT ON AVIATION SAFETY & SUSTAINABILITY**

Moderator: *Pete Bunce, President and CEO, GAMA*

Patrick Ky, Executive Director, EASA

David Boulter, Acting Associate Administration for Aviation Safety, FAA

14:30-15:15 **NETWORKING COFFEE BREAK**

15:15-15:35 **FAA HIGHLIGHTS**

Billy Nolen, Acting Administrator, FAA

15:35-15:55 **EASA HIGHLIGHTS**

Patrick Ky, Executive Director, EASA

15:55-17:00 **PLENARY: SAFE SUSTAINABILITY OR HOW TO MANAGE AVIATION'S COEXISTENCE WITH OTHER SOCIETAL PRIORITIES/NEEDS**

The aviation system is facing challenges which are introduced by other needs and sectors, among them managing climate change, as well as new entrants. How do we ensure that aviation needs are heard and represented, and that aviation safety is not compromised? As an aviation community, what do we have to adapt, how do we ensure appropriate risk consideration going beyond safety?

Moderator: *Luc Tytgat, Strategy and Safety Management Director, EASA*

Panellists

Lirio Liu, Executive Director, Aircraft Certification Service, FAA

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| TIME | TITLE, SPEAKER |
|-------------|---|
| | <i>Filip Cornelis, Aviation Director, European Commission, Directorate General Mobility and Transport</i> <i>Felix Meunier, Director General, Civil Aviation, Transport Canada (TCCA)</i> <i>Nicolas Chabbert, Senior Vice President Aircraft, Daher</i> <i>JoeBen Bevirt, CEO, Joby</i> |
| 17:00-17:15 | FLASH TALK THE FUTURE OF SUSTAINABLE AIR MOBILITY IS HERE – CREATING SYNERGIES BETWEEN TECHNOLOGICAL INNOVATION AND REGULATION <i>Alastair McIntosh, CTO, Lilium</i> |
| 17:15-17:20 | DAY 1 CLOSING |
| 19:00 | RECEPTION & BBQ DINNER <i>Schokoladenmuseum, Am Schokoladenmuseum 1a, 50678 Köln</i> |

2023 EASA – FAA International Aviation Safety Conference

DAY 2, WEDNESDAY 14 JUNE 2023

ROOMS: MARSILIUSSAAL

KLEINER SAAL

TIME TITLE, SPEAKER

| DAY 2 FOCUS AREAS | |
|--|---|
| ADDRESSING CHALLENGES | MANAGING SAFETY |
| <p>9:00-9:15 FLASH TALK REGULATORY ENVIRONMENT <i>Brandon Roberts, Executive Director, Office of Rulemaking, Aviation Safety, FAA</i></p> | <p>9:00-9:15 FLASH TALK FOSTERING CONFIDENCE <i>Kim Lascell, Vice President, Airworthiness Assurance, Gulfstream</i></p> |
| <p>9:15-10:15 PANEL 1: CERTIFICATION REQUIREMENTS FOR INNOVATION - BRINGING INNOVATION TO MARKET The traditional aviation certification system is starting to show its limitations with regards to the increasing pace of innovation and new, non-traditional, aviation entrants. The future market expectations will only increase pressure on today's systems. This panel will discuss future-proofing a holistic certification approach with safety centric objectives in the context of the changing demands placed on Regulatory bodies and systems. Panelists will discuss how to bring innovative technologies and products to market by leveraging existing standards, partnering with research organisations, and what the future holds for the technology and certification standards. How does certification constrain and/or help drive market innovation?</p> <p>Moderator: <i>Vincent De Vroey, ASD Civil Aviation Director</i></p> <p>Panellists <i>Rachel Daeschler, Certification Director, EASA</i> <i>Lirio Liu, Executive Director, Aircraft Certification Service, FAA</i> <i>Roberto Honorato, Head of Airworthiness Department, ANAC Brazil</i> <i>Markus Kochs-Kämper, Chief Engineer and Head of Design Organisation, Heart Aerospace</i></p> | <p>9:15-10:15 PANEL 2: SAFETY TRENDS AND RISK ANALYSIS Both, EASA and FAA collect and analyse safety data, provide risk portfolios and safety trends. The panel will discuss how the identified safety trends are included in regulatory and stakeholder processes and organisations, whether the established practices are sufficiently reactive, sufficiently proactive and what could be improved. The panel will also discuss how regional and global safety data exchange programmes feed into these processes.</p> <p>Moderator: <i>Jesper Rasmussen, Flight Standards Director, EASA</i></p> <p>Panellists <i>Kim Pyle, Executive Director, Office of Accident Investigation and Prevention, FAA</i> <i>Yannik Malinge, Head of Product Safety, Airbus</i> <i>Tony Fazio, President, Fazio Group International</i> <i>Stéphane Clément, Director of Regulatory Affairs, Civil Global Training Organisation, Civil Aviation Services, CAE</i></p> |

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TIME TITLE, SPEAKER

| DAY 2 FOCUS AREAS | |
|---|--|
| ADDRESSING CHALLENGES | MANAGING SAFETY |
| <i>Peter Lyons, Head of Certification, Overair</i> | |
| 10:15-11:00 NETWORKING COFFEE BREAK | |
| 11:15-11:30 FLASH TALK FUTURE CONNECTIVITY <i>Rachel Daeschler, Certification Director, EASA & Lirio Liu, Executive Director, Aircraft Certification Service, FAA</i> | FLASH TALK 'WHO WE ARE' <i>Christian Klein, Executive Vice President, ARSA</i> |
| 11:30-12:30 PANEL 3: OPERATIONAL ASPECTS OF eVTOL AND OTHER INNOVATIVE AIRCRAFT Several innovative aircraft designs, including eVTOL aircraft, are rapidly approaching operational reality. Safety regulators need to work with stakeholders in identifying and mitigating new risks across the operational spectrum, including training, personnel certification, and operational certification. How are regulators and stakeholders addressing these challenges, and how is international harmonization being considered? Moderator: <i>Joachim Luecking, Head of Unit Aviation Safety, European Commission, Directorate General Mobility and Transport</i> Panellists <i>Maria Algar Ruiz, Programme Manager Drones, EASA</i> <i>Robert Ruiz, Director, Office of Safety Standards, Flight Standards Service, FAA</i> <i>Makoto Eguchi, Director Airworthiness Standards & International Affairs Office, Japan Civil Aviation Bureau (JCAB)</i> <i>Ronald Liebsch, Head of Regulatory Affairs, Volocopter</i> <i>Eric Wright, Head of Certification, Archer</i> | PANEL 4: DIGITALISATION – CHALLENGES AND OPPORTUNITIES Digitalisation is happening across all aviation domains, although at different speeds, and safety regulators shall monitor and accompany such transformation. However, its pace is much faster than the traditional speed of regulatory developments, and lack of international coordination may lead to digital solutions that are not harmonised or mutually recognised. Moreover, regulators need to harness the wealth of data made available by digitalisation, and evolve their certification and oversight philosophies accordingly; this also requires a mindset change for their inspecting staff. How can we make the best out of this opportunity? Moderator: <i>Declan Fitzpatrick, Chief Executive, Irish Aviation Authority (IAA)</i> Panellists <i>Claudio Trevisan, Programme Manager Digitalisation of Aviation, EASA</i> <i>Tom Sciortino, Acting Director, Compliance and Airworthiness Division, Aircraft Certification Service, FAA</i> <i>Ryan Coates, Director - Remotely Piloted Aircraft Systems Task Force (RPAS), Civil Aviation, Transport Canada (TCCA)</i> <i>Gilles Garrouste, Deputy Vice President Certification, Executive Expert Certification, Dassault</i> <i>Scott Roesch, Senior Director Product Management, Honeywell</i> |

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| ADDRESSING CHALLENGES | MANAGING SAFETY | |
| 12:30-14:00 | LUNCH BREAK | |
| 14:00-14:15 | <p>FLASH TALK EASA's NEW RULEMAKING PROCESS <i>Gerli Rebane, Legal Adviser, EASA</i></p> | <p>FLASH TALK ICAO ENGAGEMENT <i>Lirio Liu, Executive Director, Aircraft Certification Service, FAA & Caitlin Locke, Acting Deputy Executive Director, Flight Standards Service, FAA</i></p> |
| 14:15-15:15 | <p>PANEL 5: ATM TECHNICAL AND OPERATIONAL HARMONISATION – ENABLING AIRSPACE SYSTEM CAPACITY TO SAFELY ACCOMMODATE AND INTEGRATE NEW ENTRANTS What systemic changes are required, regarding how air and space traffic is managed, to avoid an airspace capacity crisis in the future, while accommodating new types of airspace system user? This technological evolution requires increased reliance on automation and a systematic modernization of the mechanism used to ensure the ATM system is fit for purpose both now and in the future.</p> <p>Moderator: <i>Brandon Roberts, Executive Director, Office of Rulemaking, Aviation Safety, FAA</i></p> <p>Panellists <i>Athanassios Tziolas, Head of ATM Department, EASA</i> <i>Jeffrey Vincent, Executive Director, Unmanned Aircraft Systems Integration Office, FAA</i> <i>Federico Javier Viejo Acosta, U-space & ATM SESAR Programme Director, Indra</i> <i>Steve Jangelis, Aviation Safety Vice Chair, Air Line Pilots Association (ALPA), International</i> <i>Michael Erb, Managing Director, AOPA Germany</i></p> | <p>PANEL 6: EVOLUTION OF CERTIFICATION AND FLIGHT CREW OPERATIONS The panel will discuss how evolving technology is impacting the training and certification of pilots in a flight crew environment. Will traditional pilot training and certification need to be changed to as more sophisticated aircraft are designed? How are enhanced aircraft capabilities affecting a multi-pilot crew's workload and allowing OEMs to introduce aircraft with reduced crew? How will human factors influence the safe operation of the more sophisticated aircraft?</p> <p>Moderator: <i>Giancarlo Buono, Director Safety and Flight Operations Europe, IATA</i></p> <p>Panellists <i>Andrea Boiardi, Chief Expert Operational Suitability Data (OSD), EASA</i> <i>Caitlin Locke, Acting Deputy Executive Director, Flight Standards Service, FAA</i> <i>Tanja Harter, Technical Affairs Director, European Cockpit Association (ECA)</i> <i>David Oord, Policy Manager, Wisk</i></p> |
| 15:15-16:00 | NETWORKING COFFEE BREAK | |
| 16:00-16:15 | <p>FLASH TALK ENVIRONMENTAL TRANSPARENCY- DISCLOSING FLIGHT EMISSIONS TO PASSENGERS <i>Sebnem Erzan, Head of Travel Sustainability & Transport, Global Partnerships, Google</i></p> | <p>FLASH TALK INSPIRING THE NEXT GENERATION TO JOIN OUR INDUSTRY <i>Alberto Cunial, Jekaterina Jansone, Noel Wagner and Vasileios Papageorgiou, Junior Professionals, EASA</i></p> |

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|--|--|
| ADDRESSING CHALLENGES | MANAGING SAFETY |
| <p>16:15-17:15 PANEL 7: SUSTAINABLE AVIATION FUELS (SAF) The aviation community faces similar challenges such as availability and ramping up SAF production. Helping the Community to manage this change, non regulatory measures such as collaboration initiatives across the entire value chain (e.g. US CAAFI, EU RLCF Alliance) as well as regulatory measures will be needed to drive the necessary ramp-up forward. The panel will discuss the different measures and how they can support the availability and wider use of SAF.</p> <hr/> <p>Moderator: Jan Petter Steinland, Director Strategic Analysis & Transformation, CAA Norway</p> <p>Panellists Dietmar Bloemen, Sustainable Aviation Programme Manager, EASA Kevin Welsh, Executive Director for Environment and Energy, Office of Policy, International Affairs & Environment, FAA Maarten Van Dijk, Co-founder, SkyNRG Christopher Lorence, Chief Engineer, GE Aerospace</p> | <p>PANEL 8: PROTECTION OF PRODUCTS AND AVIATION ORGANISATIONS FROM CYBERSECURITY THREATS: EASA’S AND FAA’S PATHS TO RESILIENCE Protection of the aviation system from cybersecurity threats is becoming increasingly important, given the high level of interconnection of all elements: aircrafts, ATM surveillance stations, airports, maintenance facilities, airlines control centres, etc. Regulators are therefore called to organise an adequate response at products and organisations level. The purpose of this panel is to present the approaches undertaken by EASA and FAA (their “paths to resilience”) and to update on their current status. Additionally, industry representatives from Europe and the US could elaborate on their perceived effectiveness of the approaches presented. Finally, it should be discussed how the two systems should/would converge when cybersecurity aspects will be included in the current BASA.</p> <hr/> <p>Moderator: Joan Serra, Manager Regulatory Affairs Europe, GAMA (TBC)</p> <p>Panellists Gian Andrea Bandieri, Section Manager Cybersecurity in Aviation & Emerging Risks, EASA Victor Wicklund, Acting Director, Policy & Standards Division, Aircraft Certification Service, FAA Arnold Hoessler Senior Director Quality & Standards, Technical Fleet Management - Deutsche Lufthansa AG Sean Sullivan, Chief Engineer Cabin Systems/Network Systems/Product Security, Boeing</p> |
| 17:15-17:20 DAY 2 CLOSING | DAY 2 CLOSING |

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DAY 3, THURSDAY 15 JUNE 2023

ROOMS: GROSSER SAAL

KLEINER SAAL

TIME TITLE, SPEAKER

DAY 3 FOCUS AREA – IMPLEMENTATION

9:00-10:00

TECHNICAL SESSION

ELECTRIC AND HYBRID PROPULSION - A BRIDGING TECHNOLOGY

Electric and hybrid propulsion systems are regarded as key enablers for a future CO2-neutral aviation. Such systems are making use of novel technologies combining them with traditional propulsion techniques in various ways.

The degree of hybridisation will highly depend on the intended use of the aircraft, the selected fuel/power supply, suitable power storage solutions and the required safety objective.

EASA and the FAA will provide an overview of recent regulatory developments for EHPS systems.

Presentations by

Frank Steffens, Head of Department - Environment & Propulsion Systems, EASA

Caspar Wang, Acting Policy Manager for Small Airplanes & Emerging Aircraft, Aircraft Certification Service, FAA

WORKSHOP (by invitation only)

INITIAL CERTIFICATION AND CONTINUED OPERATIONAL SAFETY

The workshop would discuss how to better close the loop between initial airworthiness certification and continued operational safety, with a more specific focus on Human Factors and the collection and analysis of data from operations and crew training.

The ideas or results of this workshop could then be taken forward in other appropriate fora, for further discussion and action.

Co-leads:

Daan Dousi, Air Operations Implementation Section Manager, EASA

Tom Sciortino, Acting Director, Compliance and Airworthiness Division, Aircraft Certification Service, FAA

10:05-11:00

TECHNICAL SESSION

SMS IMPLEMENTATION IN DESIGN AND MANUFACTURING

SMS regulations have been issued by EASA, proposed by FAA, and other authorities are expected to issue similar regulations in the future. What are some of the key differences in how SMS will be implemented? What design and manufacturing organizations will be required to implement SMS and how do the implementation timelines differ? What is the latest status on SMS international industry standard SM0001 and how will this standard support SMS implementation? How are authorities working together to harmonize SMS requirements? This panel will update the audience with the latest SMS regulatory frameworks and implementation developments

TECHNICAL SESSION

EVOLUTION OF THE MAINTENANCE COOPERATION UNDER THE BASA

As a follow-up to last year's panel, this session will revisit the latest developments affecting the maintenance domain. Topics of discussion will include Safety Management System (SMS) for Part 145 maintenance organizations, digitalization, EASA's Part-IS rulemaking, big data, and enhanced maintenance training technology. The session will also discuss how potential differences in EASA and FAA regulations are addressed through the BASA process.

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DAY 3 FOCUS AREA – IMPLEMENTATION

including aspects of the bilateral relationships.

Presentations by

Juan Anton, Section Manager - Design Organisations & Policy Issues, EASA

Victor Wicklund, Acting Director, Policy & Standards Division, Aircraft Certification Service, FAA

Presentations by

Karl Specht, Principal Coordinator Organisation Approvals, EASA

Larry Fields, Acting Executive Director, Flight Standards Service, FAA

Rainer Lindau, Vice President Quality Management, Lufthansa Technik

Christian Klein, Executive Vice President, ARSA

11:00-11:45 **NETWORKING COFFEE BREAK**

ROOM: GROSSER SAAL

11:45-12:45 **CLOSING PLENARY: OUR PATH TO SAFETY AND SUSTAINABILITY**

The Closing Plenary will discuss the next steps regulatory and industry leaders will take on their path to safety and sustainability, present the commonalities and potential areas for future cooperation they see.

Moderator: *Ed Bolen, President and CEO, National Business Aviation Association (NBAA)*

Patrick Ky, Executive Director, EASA

David Boulter, Acting Associate Administration for Aviation Safety, FAA

Tiago Pereira, Acting President-Director, ANAC Brazil

Nick Careen, SVO Operations, Safety and Security, IATA

12:45-12:50 **NEXT CONFERENCE**

David Boulter, Acting Associate Administration for Aviation Safety, FAA

12:55-13:00 **CLOSING REMARKS**

Patrick Ky, Executive Director, EASA
