

# 15th Annual Flight Operations Conference

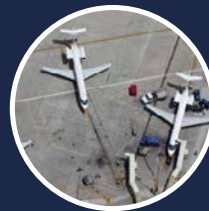
29th & 30th November 2022 – Radisson Hotel & Conference Centre, London Heathrow UK

# AIRCRAFT

COMMERCE

  
aircraft IT  
MAINTENANCE – OPERATIONS

DELEGATE  
INFORMATION BROCHURE



*"Very useful to network with the right people and to share projects with other airlines"*  
Flight Operations, FlyDubai

## Sponsors & Exhibitors:

 Lufthansa Systems

 COMPLY365

 Honeywell

 SAFRAN

 AIR SUPPORT

 ibsssoftware

 FLYHT  
INSIGHT • ACTION • CONTROL

 skyconseil

 TAILLOG

 TXT | PACE

 bytron  
aviation systems

 Logipad  
aero

 IFS  
International  
Flight Support

 AIRCRAFT  
COMMERCE  
CONSULTING

 SITA

 STORKJET

 NAV

 NAVBLUE  
AN AIRBUS COMPANY

 Collins Aerospace

 FLIGHTMAN

 SWISS  
Aviation Software

 SKY + PATH

 DynamicSource

 webmanuals

 BOEING

 PIVOT

 YONDER

 FLIGHTKEYS  
SKYKEYS SPACEKEYS

 VISTAIR  
WORLD CLASS AVIATION TECHNOLOGY

 ORLANDO

 AVTECH

 SMARTAVIATION

 OpenAirlines

 ULTRAMAIN

 Lufthansa  
Industry Solutions

 maureva

 SA  
SA GROUP

 FlightAware  
Live Flight Tracking

 Guru2  
by Flygprestanda  
Performance Engineering

 Conduce  
Mobile Aviation Solutions

 AVIOBOOK

 SKYPLAN

The industry's leading Flight Operations Conference returns after three years away!

For further information contact Ed Haskey – ed.haskey@aircraft-commerce.com +44 1403 230 700

### WELCOME

We are delighted to welcome you back to the 15th Annual Flight Operations Conference after 3 years away! Three turbulent years that have faced the airline industry with unprecedented challenges.

While Covid had a huge impact on flight operations, the aftermath of reduced fleets, reduced staff numbers, raised expectations on health & safety and health security, plus a disruptive break in growth trends, has made planning and operating flights more challenging than ever. Then, the war in Ukraine added further complexity with the closing of airspace plus a steep rise in fuel costs following sanctions on Russia. Meanwhile, the ongoing drive to make aviation carbon neutral remains at the forefront of most governments' plans and, therefore, high on the agenda for Flight Operations. All of this with the cost-of-living crisis and political instability means that operating aircraft has never been more challenging.

As always, this year's Flight Operations Conference offers a critical opportunity to find and share answers to these challenges. As ever, the conference focuses wholly on key, strategic issues and challenges affecting the operations of commercial aircraft and how to best navigate these difficult times. But it also looks forward to planning and building for a stronger future. Key-note subjects discussed will include digital flight deck and operations, sustainable aviation, electric aircraft, the latest real-time flight deck Apps, on-ground and flight deck connectivity, the latest ATC developments, integrating flight operations with maintenance using electronic tech logs, and lots more.

The Conference offers unprecedented opportunities for airlines and operators to meet leading flight operations solution vendors in the exhibition hall, discuss their own challenges and priorities, and see demos of the latest, leading digital solutions and Apps. Airlines and operators who have already taken the first steps to post-Covid recovery and digitization with new and modern IT solutions will be sharing their experiences in the conference agenda, plus there will be the established line-up of industry experts, and more to help you unravel and understand this post-Covid world and the opportunities available to airlines and operators.

I look forward to seeing you at the conference.

**Ed Haskey** | Events Director | Aircraft Commerce

### KEY TOPICS UNDER DISCUSSION

- **Digital / Paperless Solutions for the Flight Deck**
- **EFB Systems and Apps**
- **Electronic Technical Logbook (ETL/ELB)**
- **Advanced Flight Planning Systems**
- **Fuel Management / Efficiency**
- **Aircraft Connectivity,**
- **Crew & Scheduling Solutions**
- **Real-Time Flight Deck Apps**
- **Big-Data Analytics**
- **COVID-19 Recovery**
- **Latest Technologies such as Electric Aircraft and Hydrogen Powered Engines**
- **The Drive for Carbon Neutral Aviation**



The industry's leading Flight Operations Conference returns after three years away!

For further information contact Ed Haskey - [ed.haskey@aircraft-commerce.com](mailto:ed.haskey@aircraft-commerce.com) +44 1403 230 700

### LIVE SOFTWARE AND PRODUCT DEMONSTRATIONS:

Extended breaks during the presentation programme (including a two hour cocktail reception) allow airlines and aircraft operators to browse the extensive exhibition area. It provides the ideal opportunity to:

- Try out all the major Flight Operations Solutions from the world's leading vendors. Learn how each product can assist you with your aircraft operating procedures.
- Try out all the latest upgrades and add-ons to complement your current systems.
- Speak with the vendors about problems you may be having with your current system and discuss the best solutions.

**SAFRAN** **AIR SUPPORT** **ibsssoftware**

**PACE** **bytron** **Logipad**  
TXT aviation systems gero

**STORKJET** **NAV** **NAVBLUE**  
AN AIRBUS COMPANY

**SKY PATH** **AVTECH** **webmanuals**

**ULTRAMAIN** **Lufthansa Industry Solutions** **ORLANDO**

**Conduce** **AVIOBOOK** **SKYPLAN**  
Mobile Aviation Solutions

**SWISS AviationSoftware** **TAILLOG** **DynamicSource**

**Lufthansa Systems** **SITA** **maureva**

**FLYHT** **skyconseil** **COMPLY365**  
DESIGN • ACTION • CONTROL

**IFS** **AIRCRAFT COMMERCE CONSULTING** **FL/GHTKEYS**  
International Flight Support SKYKEYS SPACEKEYS

**Collins Aerospace** **FLIGHTMAN** **Honeywell**

**BOEING** **PIVOT** **YONDER**

**SMARTAVIATION** **VISTAIR** **OpenAirlines**  
WORLD CLASS AVIATION TECHNOLOGY

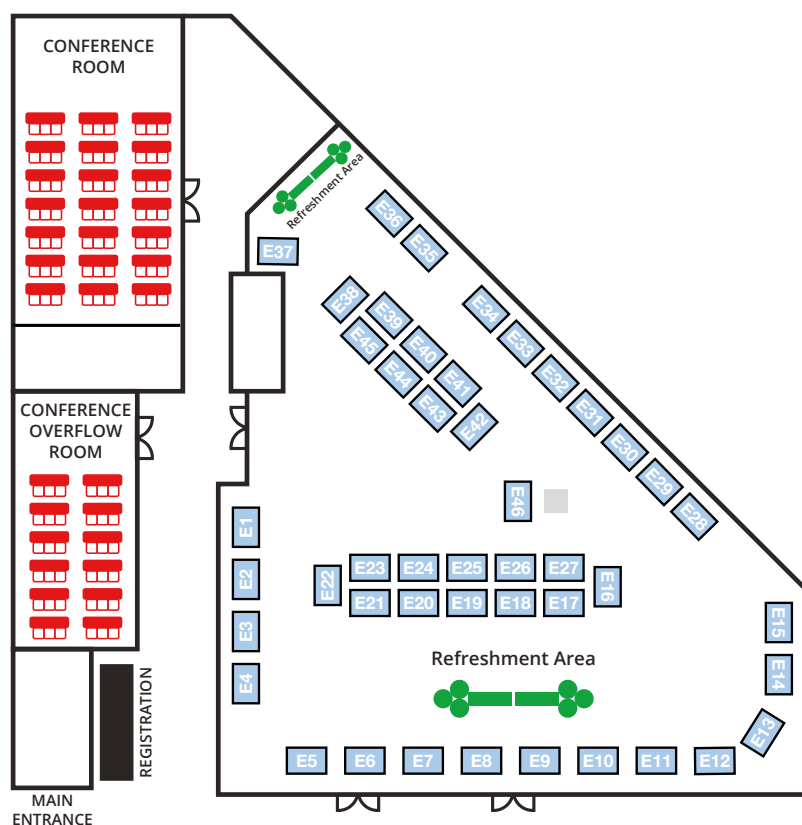
**SA** **Guru2** **FlightAware**  
SA GROUP by Flyprestanda Live Flight Tracking  
Performance Engineering

"Great mix of exhibitors and presentations."

Jet2.com

### OPERATIONS SOFTWARE AVAILABLE TO DEMO INCLUDE :

- EFB (Electronic Flight Bag)
- ETL (Electronic Technical Log)
- Flight Planning Solutions
- Operations Efficiency Optimizers
- Operations Cost Management Solutions
- Optimising Weight & Balance Software
- Fuel Savings and Fuel Management Solutions
- Live Flight Tracking Solutions
- Connectivity Solutions
- EFB Apps and Real-Time Flight Deck Solutions
- Aircraft Take-Off and Landing Performance Solutions






## CONFERENCE AGENDA

### DAY ONE – Tuesday, 29th November 2022

08:00	<b>REGISTRATION, REFRESHMENTS – SOFTWARE &amp; PRODUCT DEMONSTRATIONS (Discovery)</b>
08:55 – 09:00	<b>CHAIRMAN'S OPENING REMARKS</b>
09:00 – 09:30	<p><b>Case Study – Flybe: Integrated Digital Flight Ops with EFB Apps for Restarting Operations in 2022</b>            When Flybe were looking to restart operations in 2022, the airline was committed to breaking with the expensive, unsustainable paper-based systems of the past and moving to a fully paperless flight deck. Ahead of restarting operations in April 2022, Flybe selected and implemented the Bytron Aviation Systems EFB and Flight Dispatch solution to integrate seamlessly with existing crew management and flight planning solutions. In this case study Flybe will walk through how the airline was able to operate with a paperless flight deck from flight one in April this year and some of the benefits it is seeing, including: reduced workloads and efficiency; instant data updates for improved decision making; quick access to NOTAM, METAR and TAF; tailored and detailed crew briefings; improved communication to pilots on the flight deck; and efficiency flight data capture which the airline hopes to use to greatly enhance business insight and commercial strategy over time.</p> <p><b>Edward Pomfrett, Flight Operations Systems Engineer, Flybe</b></p>
09:30 – 10:00	<p><b>Case study: Frontier Airlines – An Ultra-Low-Cost Practical Approach to Flight Ops Digitization</b>            In this case study Frontier Airlines outlines its digital transformation processes leading to a paperless flight deck. Frontier has implemented a range of EFB apps and modules from AvioBook which provide pilots with all the information they need for each flight, from the latest flight plan and weather data to real-time communications. The airline also uses a digital document and management solution to ensure Pilots have the latest up-to-date manuals they need to operate the flight safely and comply with regulations. Technical Standards Captain Casey Meeks presents the benefits the airline is seeing from digitization, along with an explanation of the phased implementation that ensured comprehensive end user buy-in.</p> <p><b>Joshua Lee, Technical Standards Pilot, Frontier Airlines</b></p>
10:00 – 10:30	<p><b>Case Study: AirExplore – Advanced Modular EFB Solutions with Integrated Flight Planning</b>            In this case study ACMI operator AirExplore outlines its use of the newly customized EFBOne solution from International Flight Support and shows how the airline has integrated the EFB solution with its flight planning solutions, from NAV Flight Services, to drive a digital and paperless operation through all phases of flight. You will see how the EFB reporting items and work-flow steps are available in one platform application which provides pilots with seamless access to all processes: Flight Planning briefing information, Pre-flight inputs and Fuel uplift process, automatic registration of Take-Off and Landing performance from Boeing OPT, In-flight integrated eOFP/EFF reporting as well as post-flight data reporting and more.</p> <p><b>Pavol Klein, Flight Operations Manager &amp; Capt/TRE B737, AirExplore</b>  <b>Alex Ribin, CEO, International Flight Support • Petr Frolík, Commercial Director, NAV Flight Services</b></p>
10:30 – 11:15	<b>REFRESHMENT BREAK – SOFTWARE DEMONSTRATIONS (Discovery)</b>
11:15 – 11:45	<p><b>Case Study: Lilium – Expanding the Envelope for Digital Flight Operations Information</b>            Electric aircraft will be important pathfinders in the process of decarbonisation of aviation. Cultivated digital data will be an essential component for future operations of electric aircraft. Lilium is getting to grips with the complexities of such an important challenge and evaluating the way forward to support Flight Operations using digital tools for better analytics and outcomes.</p> <p><b>Linton Foat, Flight Test Pilot &amp; Flight Standards Manager, Lilium</b></p>
11:45 – 12:15	<p><b>Sustainable Aviation Technology: Developments in Hydrogen Powered Engines at ZeroAvia</b>            ZeroAvia's hydrogen-electric powertrain is designed to provide emission-free power for regional turboprop and jet aircraft. The company's ZA2000-RJ powertrain model is expected to launch commercially in the late 2020s. ZeroAvia's team is working towards certain type certifications of its propulsion technology, including a 600kW powertrain designed for entry into service in 2025. With pre-orders from American Airlines, amongst other airlines, in this presentation ZeroAvia update us on their hydrogen-electric powered engine program. You will see how hydrogen-electric powertrains can result in zero-emission flight and can lower operating costs, plus how using fuel cells has numerous advantages over all other decarbonisation solutions.</p> <p><b>Dominic Weeks, Head of External Affairs &amp; Marketing, ZeroAvia</b></p>

12.15 – 12.45	<p><b>Case Study: easyJet – Why is leveraging FDM data key to bring a flight efficiency program to the next level? The experience of easyJet on its path to implementing a flight efficiency system to improve flight efficiency and to reduce CO<sub>2</sub> emissions</b></p> <p>This presentation focuses on the reasons why easyJet has decided to implement a new fuel efficiency solution to improve its flight efficiency and reduce CO<sub>2</sub> emissions as part of its roadmap to reach net zero emissions by 2050. Taylor Bradbury, ETS Manager, will explain the airline's choice to go further on flight efficiency as well as how easyJet managed to overcome the challenges in allowing the use of the FDM data and be able to leverage it to improve flight efficiency. Taylor Bradbury will also share easyJet's process to engage further its pilots and provide them with an application to help the airline reduce the overall carbon footprint of the company.</p> <p><b>Taylor Bradbury, ETS Manager, easyJet</b></p>
12.45 – 14.00	<p><b>LUNCH BREAK – SOFTWARE DEMONSTRATIONS (Discovery).</b></p> <p>Sponsored by: <b>Flygprestanda AB</b> Visit us on Stand E23</p> <div>    <small>by Flygprestanda Performance Engineering</small> </div>
14:00 – 14:30	<p><b>Case Study: Lufthansa – A harmonized CCMS (Component Content Management System) for Lufthansa Group to generate Digital Manuals and Content</b></p> <p>Based on a multi-system landscape, all airlines in the Lufthansa Group wanted to harmonize the process of flight- and ground-operations documentation in order to ensure the future viability and security of processes, software and hardware landscape. This required the introduction of a common flight- and ground-ops documentation solution to align processes, share content and ensure consistent information from a single source.</p> <p>In this case study you will see how the project team at LH proceeded from the preliminary study to the group-wide rollout and made it possible to work together on harmonized documents using a sophisticated software solution. Challenges along the way are outlined as well as overall benefits.</p> <p><b>Matthias Schmitt, Team Leader Flight Ops Engineering, Lufthansa</b> <b>Dominik Weber, Lead – Flight Operations Support, Lufthansa CityLine</b></p>
14.30 – 15.00	<p><b>Case Study: Smartwings – How does Smartwings optimize Aircraft Performance Monitoring through Artificial Intelligence and Big Data algorithms?</b></p> <p>Airlines must decarbonize rapidly in order to reach the 2050 net-zero global emission reduction target. And while the whole industry holds its breath for game-changing zero-emission technologies, existing digital solutions allow for immediate CO<sub>2</sub> savings via operational improvements.</p> <p>During this presentation Smartwings will show how using the SkyBreathe® 360° eco-flying platform, the largest Czech airline, reduced its fuel consumption by 1% and carbon emissions by 4 Million kg in 2021. Through the airline's global approach to fuel optimization, it addressed and corrected operational inefficiencies in all departments, including Maintenance. Smartwings additionally implemented SkyBreathe® APM, an aircraft performance tool dedicated to monitoring the entire fleet's health almost in real-time to increase safety and optimize operations. The AI-powered solution processes QAR data every day and automatically computes degradation on each aircraft, with zero workloads and zero hardware. The software also triggers alerts on abnormal degradation and gives indicators for proactive maintenance. SkyBreathe® APM taps into the latest digital technologies to simplify processes for Performance and Maintenance Engineers and give the airline accurate insights for more efficient flight, FMS, and maintenance planning decisions.</p> <p><b>Marek Andrejs, Performance Engineer and Head of Flight Dispatch Support, Smartwings</b></p>
15:00 – 15:30	<p><b>How to improve real-time collaboration between airlines and ATC to reduce aircraft fuel burn and emissions thanks to predictive analytics</b></p> <p>Airlines have been innovating in the field of flight efficiency by implementing solutions in the cockpit that leverage predictive analytics to help pilots capture real-time flight-specific opportunities to reduce fuel burn and emissions. Some of these opportunities, such as shortcut recommendations or achieving a more continuous descent are reliant on ATC clearances. What if the same information received by the pilots to identify flight-specific opportunities could be shared with ATC for a more collaborative approach to reducing emissions? SITA and Skysoft, the software arm of Switzerland's ANSP SkyGuide have worked together on a prototype that would enable such collaboration and could be expanded to other ANSPs.</p> <p><b>Francois Chazelle, Head of Sales Support – Flight Efficiency, SITA FOR AIRCRAFT</b></p>


15:30 – 16:15	<b>REFRESHMENT BREAK – SOFTWARE DEMONSTRATIONS (Discovery)</b>
16.15 – 16.45	<p><b>State of Flight Operations: Disruption and Recovery with a changing workforce following Covid</b></p> <p>While the specific changes vary by region, the fallout from Covid and subsequent recovery has radically altered the pilot workforce. Flight Operations leaders are having to develop creative solutions to ensure sustainable pipelines, robust and safe training programs and an engaged workforce. We will share our perspectives on what has worked and where Flight Ops leaders are focusing for the future based on our extensive industry work, recent global industry survey, and updated pilot supply and demand model.</p> <p><b><i>Daniel Rye, Principal, Oliver Wyman</i></b></p>
16.45 – 17.15	<p><b>A Review of the Clean Sky 2 Programme: how can Europe achieve climate neutral aviation?</b></p> <p>The European aviation sector is an economic success story, worth an estimated EUR725 billion to the EU27 and UK alone in 2019. But this economic benefit has an environmental cost. Aviation, globally was responsible for 2-3% of all human-induced CO<sub>2</sub> emissions in 2019, and perhaps additional environmental effects due to non-CO<sub>2</sub> emissions (NOx, contrails etc.).</p> <p>A key European initiative to address this problem is the Clean Sky 2 (CS2) Joint Undertaking, set up by the European Commission and aviation industry to “accelerate the development of cleaner air transport” technologies. It is on course to deliver significant technical improvements, including reducing global CO<sub>2</sub> emissions by about 15%.</p> <p>But CS2 goes beyond the technical. First, the program also has a significant socioeconomic impact, so it is important to quantify the extent of its economic impact. Second, CS2’s successor body, the Clean Aviation Joint Undertaking (CAJU), was launched recently to develop disruptive new aircraft technologies to support the European Green Deal and climate neutrality by 2050. What challenges does it face, and what recommendations can be made to assist it and the wider European aviation ecosystem to achieve climate neutrality?</p> <p>In this presentation Roland Berger looks in detail at these issues and more.</p> <p><b><i>Robert Thomson, Partner, Roland Berger</i></b></p>
17.15 – 17.45	<p><b>How can an IOC use operational data and technology to deliver a more reliable schedule and recover faster from disruption?</b></p> <p>In this presentation, ICF outlines the daily challenges airlines faced in operation disruptions; how airlines can proactively manage disruption by defining planning strategies and what philosophy airlines apply to recover.</p> <p><b><i>Antoine Vergoz, Consultant – Aviation, Travel &amp; Tourism, ICF</i></b></p>
17:45 – 19:30	<b>COCKTAIL RECEPTION – SOFTWARE DEMONSTRATIONS (Discovery).</b>

### DAY TWO – Wednesday, 30th November 2022

08:00	<b>REGISTRATION, REFRESHMENTS – SOFTWARE &amp; PRODUCT DEMONSTRATIONS (Discovery)</b>
08:55 – 09:00	<b>CHAIRMAN'S OPENING REMARKS</b>
09:00 – 09:30	<p><b>Case Study: Wizz Air – Implementing and Operating the new Technical Logbook solution from AVIATAR</b></p> <p>Wizz Air, Europe's greenest airline, has recently introduced AVIATAR's electronic Technical Logbook into their daily flight operations, replacing practically all Tech Ops related paperwork on the aircraft. Gerben Bondt, Line Training Captain and driver of those changes in Flight Ops, will take you back to the beginning of this journey. He will talk about how Wizz Air first established a strong foundation, the importance of cross functional cooperation and why Wizz Air partnered with AVIATAR. He will also talk you through the highs and lows of the implementation project. Finally, a quick demonstration of the eTLB, together with Frank Martens of AVIATAR, the digital platform of Lufthansa Technik.</p> <p>As you will see AVIATAR's Technical Logbook offers prefilled text blocks and a future potential for automated input masks that capture aircraft technical issues during flight and on the ground. It therefore replaces time-consuming manual entries into paper books and improves data quality as well as transparency. The new solution works with any hardware device (e.g. tablet, smartphone or desktop computer) and provides pilots with access to aircraft status anywhere and anytime. It also offers back-up processes in case of connectivity issues. Real-time data availability, directly connected with the M&amp;E system (maintenance and engineering system), ensures maintenance on arrival and enables a seamless pilot-to-maintenance collaboration – leading to reduced turnaround times and costs. In addition, the standardized data structure will help Wizz Air to gain insights into trend analytics.</p> <p><b>Gerben Bondt, Line Training Captain, Wizz Air</b> <b>Peter Isendahl, Senior Sales Executive AVIATAR, Lufthansa Technik</b></p>
09:30 – 10:00	<p><b>Case Study: Frontier Airlines – Implementing a Document Management System during a pandemic – what you need to know for next time</b></p> <p>In this Case Study Joshua Lee from Frontier Airlines will give a blow-by-blow account of how a complete Document Management system was implemented during lockdown so that, when pilots came back to work, they had a completely new tech pubs platform ready and waiting for them. Josh talks about how selecting a development partner in Vistair resulted in some innovative and collaborative work for permissions, read &amp; sign, and compliance management, resulting in a best-of-breed flight ops solution.</p> <p><b>Joshua Lee, Technical Standards Pilot, Frontier Airlines</b></p>
10:00 – 10:30	<p><b>Case Study: Norwegian – Leveraging an In-Flight Cruise Profile Optimizer Service for Eco-Efficiency Flying</b></p> <p>This case study outlines Norwegian's use of the new ClearPath Cruise Profile Optimizer Solution from AVTECH which provides pilots with vertical flight path optimization in-flight, resulting in significant fuel and time savings per flight. The solution has been designed to fit into an airline's fleet and operation. It delivers key decision support in real-time to Norwegian's pilots in the flight deck and utilizes existing aircraft hardware and data communications, requiring no new aircraft hardware or software investments.</p> <p>During the presentation Norwegian will outline the solution's key features and benefits and explain how ClearPath combines the aircraft route and performance data (cost index, weight, etc), and the most accurate and advanced wind and temperature data to provide pilots with real-time in-flight decision support to select the most optimal flight level in all stages of flight to save fuel, CO<sub>2</sub> emissions, time and costs.</p> <p><b>Niklaes Turesson, Airline Pilot, Norwegian</b></p>
10:30 – 11:15	<b>10:30-11:15 REFRESHMENT BREAK – SOFTWARE DEMONSTRATIONS (Discovery)</b>

11:15 – 11:45	<p><b>Case Study: Volotea – Using an Innovative Artificial Intelligence (AI) powered Fuel Efficiency and Aircraft Performance Monitoring Solution</b></p> <p>Volotea, the low-cost carrier from Spain-which operates a fleet of 41 A320 and A319 aircraft, will share the story about the benefits gained from a detailed fuel efficiency analysis performed by StorkJet. The analysis scanned 44 areas across flight planning, APU, taxi, take-off, climb, cruise, descent, approach, and landing. Despite most of the initiatives having already been introduced by Volotea, interesting areas of optimization have been found. The case study will also focus on the implementation of AI-powered Fuel Efficiency and Aircraft Performance Monitoring solutions. As a start, StorkJet increased the precision of performance factors to ensure accurate fuel planning but also introduced the Idle Factor to optimize the descent phase of the flight. The next steps are to engage pilots in fuel reductions by empowering them with the EFB app to make more informed decisions.</p> <p><i>Juha Kulmala, Technical Pilot, Volotea</i> <i>Emil Kaptur, Phd, Head of Research and Development, StorkJet</i></p>
11:45 – 12:15	<p><b>Aviation Sustainability: New Regulations and how to Offset Emissions Burden with Sustainable Aviation Fuels (SAF)</b></p> <p>In this presentation, Guido Harling provides an update to the EU-ETS, UK-ETS, French Domestic ETS, Turkish Domestic MRV and CORSIA 2022. Especially, what airlines need to do to remain compliant regarding the various emissions reporting schemes and you will learn about the latest trends in sustainable aviation fuels (SAF) and how this can help airlines to reduce the offsetting burden</p> <p><i>Guido Harling, CEO &amp; Founder, ETSVerification</i></p>
12:15 – 12:45	<p><b>How to drastically reduce an airline's Climate Impact with Minimal changes to Aircraft Equipment and Infrastructure focusing on Non-CO<sub>2</sub> Emissions</b></p> <p>Aircraft non-CO<sub>2</sub> emissions are responsible for over two-thirds of aviation's net climate impact, yet due to the focus on decarbonisation in policymaking – which is essential to meet net zero targets – mitigation of these emissions is often overlooked. This presentation summarises an extensive study by Bristol University which focuses on how airlines can drastically reduce their climate impact right now, and with minimal changes to aircraft equipment and infrastructure.</p> <p>For example, Flight route modifications in the form of climate optimal routing, to avoid climate-sensitive regions, and formation flight, in which two aircraft fly one behind the other (separated by ~2km) could hold the key to drastically reducing aviation's climate impact. Additionally, Contrails account for 51 per cent of aviation's total climate impact. Where the air is very cold and humid, the water vapour in the contrails condenses around particulates to form ice crystals which trap heat and have a net-warming effect. Similarly, emissions of NO<sub>x</sub> react with chemicals in the atmosphere to generate ozone and reduce methane. However, the generation of ozone tends to outweigh the methane reduction, leading to a net warming effect. While climate optimal routing may require a longer flight, and therefore an additional one to two percent fuel burn, avoiding climate-sensitive areas could actually reduce the overall climate impact of a flight by around 20 per cent. These and more examples will be discussed.</p> <p><i>Kieran Tait, Doctor of Philosophy – Department of Aerospace Engineering, Bristol University</i></p>
12.45 – 14.00	<p><b>LUNCH BREAK – SOFTWARE DEMONSTRATIONS (Discovery).</b> <b>Sponsored by: Flygprestanda AB Visit us on Stand E23</b></p> <div>  <p>by Flygprestanda Performance Engineering</p> </div>



14:00 – 14:30	<p><b>OCC Transformation and Digital Operations – Challenges and Opportunities for Airlines</b></p> <p>Business transformation is critical for any company to successfully respond to changing market conditions and customer expectations.</p> <p>The airline industry has gone through extremely challenging times over the last two years, with many struggling to adapt, resulting in their closure.</p> <p>Nonetheless, every crisis is an opportunity and some airlines reacted creatively and quickly to fill the void left by their fading competitors. Agility is now the buzzword in airline operations and crew management however it requires a different mindset. It also seems to be at odds with an industry where nothing goes at a fast pace, except the aircraft.</p> <p>In this presentation, drawing on its experience of airline customer engagement and implementations, IBS Software outlines the perspective of business transformation and the importance of agility. The presentation will discuss operational and technological challenges that must be overcome to transition from an OCC to IOCC and set out a bold vision to drive greater collaboration and speedier decision-making across all operational functions.</p> <p>Speaking of mindset changes, IBS will also discuss why it is time to diversify the culture and introduce fresh thinking in airline operations with female leaders at the helm.</p> <p><b>Daniel Stecher, Vice President Global Business Development – Airline Operations, IBS Software</b></p>
14:30 – 15:00	<p><b>Machine Learning Powering Airline OCC Decision Making</b></p> <p>Continuing the OCC theme, in this presentation you will hear how FlightAware and Collins Aerospace have worked together to use machine learning to enhance OCC decision making. Combining real-time communication with AI predictions gives a unique perspective on airline operations.</p> <p><b>Paul Gibson, Vice President of Product, FlightAware</b> <b>Peter Fillery, Product Line Manager / Value Stream Lead, Collins Aerospace</b></p>
15:00 – 15:30	<b>REFRESHMENT BREAK – SOFTWARE DEMONSTRATIONS (Discovery)</b>
<b>Prize Draw Session Win an iPad</b>	<p> <b>Business cards will be collected at the beginning of this session.</b></p> <p><b>The prize draw will be made at the end of the second presentation.</b></p> <p><b>You have to be in the room to win the iPad – Good luck!</b></p>
15:30 – 16:00	<p><b>The Future of Safety Management Data</b></p> <p>Safety Management and Digital Transformation aren't subjects that instinctively go hand in hand. Many Safety Professionals are second-class citizens when it comes to tapping into the latest data resources and capabilities. Revenue-generating initiatives tend to have a priority, having more evident returns on investment compared to those promoting a positive safety culture. How can advancements in data science, data engineering, and data analytics make airlines and maintenance providers safer and more profitable? What are the data technology trends that are going to reshape safety management in the future? In this talk, Paul Saunders brings out his crystal ball and triangulates the current technological trajectory to show what Safety Management in the 2030s might look like, and how we might build digital transformation business cases for the less sexy side of our industry.</p> <p><b>Paul Saunders, Solutions Director, Vistair</b></p>
16:00 – 16:30	<p><b>How to calculate savings from a policy change?</b></p> <p>Airlines need to measure whether changes in fuel policies bring savings. But, how to measure that? This simple question is being asked by everyone in flight ops divisions across the aviation market. However, these days, with available software on the market, a solution is not so easy to find.</p> <p>We all know that each flight differs. Aspects such as gross weight, weather conditions, or different aircraft deterioration between tails will affect savings. Taking that into account, Storkjet will take a closer look at two popular methods available on the market:</p> <ol style="list-style-type: none"> <li>1. Can we compare similar flights or groups of flights to understand savings?</li> <li>2. Is the difference between OFP and actual fuel burn enough to measure efficiency?</li> </ol> <p>In the end, these two methods will be crosschecked by simulating what-if scenarios with data-driven AI models. As a result, you will see how misleading the above options may be, and how they can get airlines to focus their energy on initiatives that may even bring fuel penalties.</p> <p><b>Emil Kaptur, PhD, Head of Research and Development, Storkjet</b></p>
16.30	<b>CLOSE OF CONFERENCE</b>

## Testimonials

*"It is becoming THE event of the year, very important for us to participate in for information gathering and networking"*

**Deputy Director Flight Operations,  
Danish Air Transport**

*"I will be attending this conference next year"*

**Flight Operations Data Analysis  
Manager, Air Asia**

*"Very informative and relevant to the challenges faced by airlines today"*

**Aircraft Operations Support  
Systems Manager, easyJet**

*"Very noticeable maturity over the years. The event has become a great market place with good participation and turnout"*

**Deputy Chief Pilot B777,  
Singapore Airlines**

*"The event was perfect. Providing information and updates for airlines on technology that is currently being developed. Good job!"*

**Operation Performance Analyst,  
Garuda Indonesia**

*"I was pleased to attend, the event gave me a great idea of the future of Flight Operations"*

**VP Business Development, Jordan Aviation**

*"Informative, well organised and sufficient time allocated to network, visit stands and pose questions"*

**Senior Business Architect Flight  
Operations, International Airlines Group**

*Great. I hope to attend next year.  
Very useful for my business"*

**Reliability Manager,  
Airbus Transport International**

*"In general the given presentations opened my mind to improve things the way we were doing them"*

**IPAD & FSB Project Manager, Sky Airline**

*"This is a very informative and professionally presented program with very relevant discussion topic"*

**Operations, US Airways**

*"Well organised, very relevant to today's aviation needs. Presentations were well researched"*

**Manager, Planning & Records,  
Kenya Airways**

*"Excellent! Very useful information and case studies to help with our big transformations. Included issues very relevant to our job"*

**Flight Operations Engineering  
Specialist, Emirates**

*"Very impressed by the variety of vendors, their products and very high level of organization. The experience gained here is priceless"*

**EFB Administrator, Rossiya Airlines**

*"Real world experiences by operators implementing the technology"*

**Director of Technical Services,  
Lynden Air Cargo**

Aircraft Commerce has reserved a block of rooms at a reduced rate of GBP £112.00 per night.  
To reserve a room at the Radisson Hotel & Conference Centre at the above rate:  
**Book on line here** and select special rate and enter **"ACRA2822"** in the promotional code.  
Alternatively, please contact the hotel reservations department on  
+44 208 759 6628 or email [confirmations.heathrow@radisson.com](mailto:confirmations.heathrow@radisson.com)  
and quote the special code: MB0000088881

**I wish to register:**  Delegate Rate of €950 **TOTAL €Euro**   
 (Number of Places required)

**DELEGATE 1** Company: ..... Name: .....  
Job Title: ..... Email: ..... Tel: .....

**DELEGATE 2** Company: ..... Name: .....  
Job Title: ..... Email: ..... Tel: .....

**DELEGATE 3** Company: ..... Name: .....  
Job Title: ..... Email: ..... Tel: .....

\*To register **more than** three Delegates, you can use a second form.  
Please write the **TOTAL** number of Delegates you are registering **at the top of this form.**

<input type="checkbox"/> Invoice me	<input type="checkbox"/> Cheque enclosed (payable to NIMROD PUBLICATIONS LTD.).	<input type="checkbox"/> Visa	<input type="checkbox"/> Master
Address for invoice.....		Cardholder's name .....	
.....		Card No: <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	
Company VAT No. (essential if applicable) .....		Expiry Date <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> Security Code <input type="text"/> <input type="text"/> <input type="text"/>	

Contact us to submit your **BOOKING FORM**, or for more information. **sarah@aircraft-commerce.com**  
For our **CANCELLATION & REFUND** policy, please see our Terms & Conditions at  
**<https://www.aircraft-commerce.com/events/conference-terms-conditions/>**  
By registering using this form, it is assumed that you accept these Terms & Conditions.