



Agenda Subject To Change*
(Updated August 22, 2019)

Tuesday 15, October, 2019

8.00 a.m. Registration Opens

1.45 p.m. MRO Europe 2019 Conference Commences

SESSION 1
Welcome & Highlights
Airline Keynote
MRO Europe Market Forecast and Key Trends
The Great Debate: Survival Strategies

1.45 p.m. Welcome & Highlights

Ed Hazelwood, Editor-in-Chief Conferences, Aviation Week Network

2.00 p.m. Airline Keynote

Brendan McConnellogue, Director of Engineering & Maintenance, easyJet

2.30 p.m. MRO Europe Market Forecast and Key Trends

Back by popular demand, aviation experts analyse the status and trends of the MRO and aviation industries, including changes, challenges and opportunities for the future. We are expecting huge disruption to the industry: What will that do to MROs and the rest of the industry? Exploring regulatory developments such as the EASA changes in rulemaking, the outcomes of the ICAO Assembly and Brexit: What impacts have they had?

Joost Groenenboom, Principal, ICF

David Stewart, VP, CAVOK

3.30 p.m The Great Debate: Survival Strategies

In a challenging and ever-evolving marketplace, our expert panel explore how you can ensure your survival. We look at lessons learned and hear top level opinion on how to respond to critical decisions that can either challenge or protect the future of your business.

*Explore how to navigate tight supply chains

*Learn how the pains from engine teething problems could have been avoided to prepare future strategies

*Discuss how you can protect yourself when regional airlines collapse or consolidate in a growing market: Why is there a disconnect?

Moderator: Richard Brown, Managing Director, NAVEO Consultancy

4.30 p.m. End of day 1
5.00 p.m. Registration Closes

Wednesday 16, October, 2019

8.00 a.m. Registration Opens

9.00 a.m. Concurrent Sessions

SESSION 2	SESSION 3	SESSION 4
The Impact of Retirements	Inspection Innovation with Structural Health Monitoring (SHM)	Building Operational Resilience

The Impact of Retirements

A huge number of aircraft retirements are forecasted for the next five years. Join this discussion to deliberate on what impact this upcoming tsunami of retirements will have on the aftermarket. Considering material strategies, aftermarket services and programs. Who will benefit and who will be challenged by these retirements and how will it impact industry dynamics as oil prices and narrowbody deliveries ramp up?

Bill Correll, President, CFM Materials

Frederic Dupont, VP Technical Sales & Customer Service, Etihad Airways Engineering

Alexey Ivanov, Sales Director Russia / CIS, Magnetic MRO AS

Carrie Kendrick, VP Aftermarket Services, Honeywell

Inspection Innovation with Structural Health Monitoring (SHM)

Hear a Status of Industry readiness, an Update of Delta programs and a AISC-SHM Committee Update. Get to grips with near term and future term including steps to get there. What is the Operator View and how are they using SHM now for targeted inspections and moving toward CBM? What is the view of the OEM and what does the regulator think will be the requirements for implementation? Establish how to use SHM in Aircraft Mtc Program Development (MSG-3) in this critical panel.

Session Leader: David Piotrowski, Senior Principal Engineer, Enabling Technologies, Delta TechOps

Rich Poutier, EVP, Sales, Marketing and Business Development, Structural Monitoring Systems

Holger Speckmann, CEO, TESTIA GmbH

Building Operational Resilience

We have enjoyed opportunities, MRO growth and multi year airline profit in a sustained upcycle but a significant amount of European carriers have recently declared bankruptcy. Rising material costs, labour challenges and a lack of supply as well as political and global challenges encourage wariness for the future. As we forecast slowing growth, the MRO industry seems to be bracing for change and preparing for a more challenging environment. In this fascinating and insightful panel, hear from a panel of people who were in the last downturn as they consider traffic, deliveries, MRO and the impact of stakeholder

bankruptcies. Understand how we can build operational resilience and learn from past mistakes and successful strategies as we plan for a more challenging future.

Moderator: Robbie Bourke, VP, Oliver Wyman CAVOK

Zilvinas Lapinskas, CEO, FL Technics

9.30 a.m. Exhibit Hall Opens

9.45 a.m. Room Change

10.00 a.m. Concurrent Sessions

SESSION 5	SESSION 6	SESSION 7	SESSION 8
The Aftermarket of Tomorrow: How to be a Winner	The Leasing Panel	Getting Smarter with Digital Aircraft	Helicopter Fleet & MRO Forecast

The Aftermarket of Tomorrow: How to be a Winner

How will the changing OEM presence in the aftermarket alter the space? How do Boeing and Embraer work together and how will partnerships and relationships change? How does the independent MRO alter their strategies and adapt to this new era? Will the changed environment have to adapt for compromised capacity? What will be the cascading/aggregated impacts on the future of the MRO industry and independents in this space? Hear industry leaders discussing collaboration, negotiating and creating partnerships for change.

Moderator: Erik Goedhart, SVP, Global Head of Aerospace and Industrials, Kuehne & Nagel

Thomas Boettger, CEO, XEOS

Oliver Grassmann, SVP Component Services, SR Technics

Guillaume Limouzy, EMEA Regional Manager, StandardAero Airlines & Fleets

The Leasing Panel

Lessors have become a much larger piece of the aviation industry. What are the unique MRO needs of the lessors in the MRO cycle? What is the lessor perspective on aftermarket services and programs and what does it mean for residual values? What services and support is out there and what potential for industry consolidation do they see? Hear from the lessors on their aftermarket services and programs and what it means for residual values as well as their relationships with and responsibilities to the OEMs and their industry partners.

Peter Gille, VP & GM, TurbineAero Asia

Mehmet Gokhan Dogan, Managing Director, GA Telesis Istanbul

Maurick Groeneveld, Director Aircraft Management, Doric

Getting Smarter with Digital Aircraft

New generation and more digital aircraft: What has been the impact on maintenance as we focus on 'smarter'. What does it mean for maintenance now that we have all the data coming off and how can you use all of the elements to be fully citive? Is there too much information or are we reaping the benefits of aggressively adopting digitalisation? Understanding thought leadership on digitalisation and

the data infrastructure of major airlines: What do operators need from equipment and software packages that will give them insight on what they will need for repair in the future?

Greg Hoggett, Technical Director, AJW

Frank Stevens, VP Global MRO Centers, Embraer

Helicopter Fleet and MRO Forecast

Our analysts will detail the future civil helicopter market and how it contrasts with other aviation segments around the world. The rotorcraft market has struggled recently however new product offerings are in the wings that should help spur the delivery and new sales market. A nuanced yet healthy MRO market for the future fleet is important to both operators and MRO providers - see where the bright spots are and find out about areas to watch. What areas are growing and where is stagnation? What engines are seeing fleet growth and where are retirements happening? This session will give attendees a world and regional view of the fleet and MRO market.

Brian Kough, Director, Business Insights and Data, Civil Aviation, Aviation Week Network

Daniel Williams, Fleet Analyst/Forecaster, Aviation Week Network

10.30 a.m. Exhibit Hall Opens

11.00 a.m. Room Change

11.15 a.m. Concurrent Sessions

SESSION 11	SESSION 9	SESSION 10	SESSION 12
Case Study: Supply Side Predictive Analytics (Part 1)	Are We Ready? Entry into Service	Changing Regional Capacity	Aircraft Parts Market: Striving for Transparency and Efficiency

Case Study: Supply-side Predictive Analytics (Part 1)

How can suppliers establish an effective data analytics strategy for the aftermarket? How do you obtain relevant data sources, and how do you improve your data quality to create actionable insights? What are the key factors that will help you create a reliable and scalable platform? Which benefits will your organization obtain from investments into data analytics within supply chain and market intelligence?

Jens Peder Pedersen, Founder and Chief Executive Officer, Beep Analytics

Ben Nieuwland, Director Market and Business Intelligence, Proponent

Are We Ready? Entry into Service

Are we rushing new aircraft to market before they are stable and trying to be too smart? Exploring recent challenges with introducing new aircraft: Have new strategies and manuals helped with implementation? What lessons have been learned so far and how are the OEMs supporting the operators and MROs? Non-compliance can have huge cost implications, are we still seeing the savings that were expected when these are factored in? As new generation planes become more mature: Have they been more cost effective to run? What challenges with running them efficiently are impacting upon the savings they are supposed to deliver? Evaluating aircraft economics – new versus mid-life; range-payload and low fuel price against higher interest rates.

Changing Regional Capacity

It has become apparent that there is a broader trend toward heavy maintenance coming back to Europe from Asia. With new generation planes needing reduced heavy maintenance checks, it makes less sense to ship them to Asia but what does that mean for players in Europe? What has been the impact on capacity in the region? Does it need more investment? As we see general growth in the market and we see migration of work coming back, assess the impacts and next steps.

Jonas Murby, Principal, Aerodynamic Advisory

Fabian Ballet, SVP, Head of Sales - Commercial Director, Sabena Technics

Vehbi Ozer, Strategy Planning and Projects Manager, Turkish Technic

Aircraft Parts Market: Striving for Transparency and Efficiency

Assessing the current status in the industry. How can you ensure that you are able to find a part when you need it? What is the current status in the industry? How can you ensure the documentation is right, the part is available and there is a good estimate on the transaction time? How can you better understand the financial exposure or an estimate for the part(s) you are buying? Considering the future vision of this fragmented, opaque and inefficient market.

Session leader: Chris Markou, Head Operational Cost Management, IATA

Mark Benson, VP - Technical, Delta Material Services

Jonathan Berger, Alton Aviation

Fabrcio La Banca, Head of Group Purchasing Surplus, Lufthansa Technik

Elestinus Margeirsson, Head of Supply Chain Engineering & Technical Contracts, easyJet

12.00 p.m. Room Change

12.15 p.m. Concurrent Sessions

SESSION 15	SESSION 14	SESSION 13
Consolidation Continues	Data, Data, Data: Continuing the Conversation (Part 2)	Update on the Engine Market

Consolidation Continues

Across the globe, both independent MRO providers and those affiliated with airlines are expanding their capabilities and offerings. In Europe, we see MRO consolidation occurring due to a combination of acquisitions and liquidations. In this discussion, we address the wider impacts on the aftermarket. With higher pricing, more bundled services, better value – who is reaping the rewards and who is finding this space more of a challenge? Who needs to step up their game as consolidation continues across the region?

Jonathan Berger, Managing Director, Alton Aviation

Fraser Currie, CCO, JORAMCO

Olivier Legrand, President and CEO, Revima Group

Data, Data, Data: Continuing the Conversation (Part 2)

It seems that there is still lots of learning to occur around better, smarter management of big data. Poor data quality or unreliable data is a huge impediment to digitalisation success: What can we learn from other industries on how to tackle this problem and developing a data culture? Is there other data that is not being leveraged? Evaluating the selection process for improved operational and financial reward. How do we expect data analytics and predictive maintenance solutions to mature in the next ten years and what value will it deliver in terms of supply chain costs and increased aircraft availability? Have the value propositions been established? What technology is out there and what data analytics platforms are really improving efficiency? What other challenges remain and how can we differentiate health monitoring and predictive maintenance to create more unique or tailored offerings?

Alex Dawood, Senior Director, Strategy And Analytics, Aftermarket Services, Collins Aerospace

Update on the Engine Market

New generation engines: Assessing recent challenges and how they have impacted the MRO strategy and network. Next generation aviation materials and production processes: How can we mitigate delays caused by a lack or shortage of material? Attend to hear an update on capacity, new engine service offers, on wing support, digital services and analytics and component repair technologies. What is the cost of ownership for legacy versus next gen engines? Evaluating MRO demand support: Capacity/footprint in the near and long term; fulfillment (impacting TAT, spare parts and repair on-time delivery). Impact of mature fleet dynamics and fleet trends on the engine market. What do the next five years look like? What are trends and challenges in the supply base? Is there enough capacity to provide material for the high ramp of new engines and the fully booked overhaul shops?

Paul Finklestein, Director - Marketing, Pratt & Whitney

Ivan Hutter, Director Marketing, Europe and Africa, GE Aviation

Martin Friis-Petersen, SVP MRO Programs, MTU Maintenance

1.00 p.m. Morning sessions conclude

2.00 p.m.

SESSION 16	SESSION 17
<p>State of the MRO AFI KLM E&M on their challenges in the market, upcoming projects and strategies.</p>	<p>State of the Airline Candid insights on their challenges, expectations from the aftermarket and hopes for the future of the industry.</p>

State of the MRO

AFI KLM E&M on their challenges in the market, upcoming projects and strategies.

Jean-Luc Fattelay, VP Components Customer Business, AFI KLM E&M

Vincent Metz, Head of Strategy, Marketing and Communication, AFI KLM E&M

State of the Airline

Candid insights on their challenges, expectations from the aftermarket and hopes for the future of the industry.

3.00 p.m.

SESSION 20

State of the OEM

Engage and learn from first hand insight as the manufacturers discuss how they see themselves in the aftermarket and their plans and strategies going forward.

<u>GO LIVE ZONE - Sessions taking place on the showfloor - WEDNESDAY</u>
11.00 a.m. Delivering Effective Aviation Regulatory Online Training Presented by Steve Bentley, CEO, Sofema Group
11.30 a.m. Scoping out your Next Interior Modification Presented by Sach Obeysekara, COO and Director, KNSI
12.00 p.m. The Additional Fleet for Free: How to Save with Optimising Maintenance Task card Intervals Presented by: Yasin Birinci, SVP Production Planning and Control, Turkish Technic
12.30 p.m. Taking care of asset during transition phase Presented by: José Moliner, TARMAC Aerosave
1.00 p.m. EASA Services Presentation
1.30 p.m. Blended Learning - Discover the Benefits for Your Organisation Presented by: Sam Lee, Creative Director, Integra Aerospace
2.00 p.m. Case Study 1: An Unexpected Problem Attend this Case Study to hear about a delay caused when an unexpected maintenance issue arose. Join to hear a real use case where they didn't have the right visibility on a failure and what they are doing to prevent it happening again. Join for better understanding of the sub components and maintenance issues that were faced.
2.30 p.m. Case Study 2: Risk Management of New Technologies Hear from an operator on how they have managed the risks of incorporating new technologies. What needs to be considered when integrating new equipment, procedures, and hardware?
3.00 p.m. SOTA Meet and Greet
3.30 p.m. Fault Management How can maintenance experts focus on the most costly and critical recurring defects when they are so hard to find? Airlines need solutions that will help them quickly identify repeats and reduce unnecessary maintenance actions to move to scheduled maintenance, to act on operational threats earlier, and allocate their maintenance resources where they are most needed. Steve Lightstone, VP Sales, CaseBank Technologies
4.00 p.m. Creative Thinking to Solve the Problem of Staff Shortages and High Turnarounds Alevtina Fursayeva, Aviation Expert, Co-Owner, A.B.C. Management
4.30 p.m. Live Interviews with Aviation Week Network

5.30 p.m. Registration and Exhibition Hall Close

Thursday 17, October, 2019

8.00 a.m. Registration Opens

9.30 a.m. Exhibition Hall Opens

9.30 a.m. Session 21: New Technology and Innovation

Investment and interest in new and innovative technologies is accelerating, and many 'fringe technologies' are now entering the market. How do we capitalise on the technology that is out there? What impact does new technology implementation have on process performance in MRO organisations? What is creating bottlenecks to implementation? What technologies will the 'hangars of the future' need and how can we better integrate them into our still traditional MRO industry? Analysing the effect of new manufacturing technologies on PMA parts from the aspects of Regulatory, Engineering and the speed of service. What influence do new technologies have on the economics of an independent MRO? Is the technology delivering the savings that were promised or are high standards, operating costs and difficult adoption prohibiting ROI?

Alin Kalam, Strategic BI and Analytics Lead, Lufthansa Group

Partel-Peeter Kruuv, Interior Project Manager, Magnetic MRO

10.15 a.m. Room Change

10.30 a.m. Session 22: *Timely Technologies*

Get ahead of your competition! Pick and choose mini presentations on technologies that are revolutionising the industry and tailor your agenda to suit you. Sessions starting at 10.30 - 10.50 - 11.10 (short break) 11.40 - 12.00 - 12.20.

- **Blockchain**

Blockchain seems to have great potential and promises for improvements for the MRO industry and aviation at large but uptake so far has been slow. Explore how we can utilise it for improvements to technical records, digital twins and a faster lease change over.

Hadi Mohamed Shakir, Chief Technology Officer, GI Aerospace

- **Robotics**

Reviewing the overall application of robotics in MRO applications and progress so far. What tangible improvements have been made? How can this technology help with existing needs and how can it integrate into current systems and processes?

- **Drones**

What is the future of short haul transport? What will the narrative be and how will we get there? How will drones co-exist with the rest of the industry? Considering airspace, inspections and regulation. Assessing progress with drone use for maintenance and what further autonomy, electrification and ongoing change that will impact the industry.

- **Additive Manufacturing**

How can MRO applications best utilize the benefits of metal additive manufacturing, but with the least risk? And what's the most efficient path for validation and certification? We will discuss how you can short-circuit the vicious cycle of prototyping by eliminating redesign, and how to gain full confidence in part quality on an unprecedented level

Will Hasting, Solutions Architect, Velo3d

- **Artificial Intelligence**

Utilization of AI in MRO: What are the opportunities and possible traps? Where can this technology be best utilised for improved efficiency and cost savings?

Shane Ballman, CEO, SynapseMX

- **Augmented Reality** Explore how to integrate Augmented Reality so it can become common practice and increase the insight of mechanics, support them remotely and make recordings that are usable as progress training and visualize complex data in the decision process.

Wanda Manoth-Niemoller, Commercial Development Manager, KLM Royal Dutch Airlines

12.30 p.m. Aircraft Drawing and Close of Conference

GO LIVE ZONE - Sessions taking place on the showfloor - THURSDAY	
11.00 a.m. EASA Services Presentation Presented by: Joachim Lau, Sales Director Aerospace, Expleo	
11.30 a.m. Innovation within Training and Support Presented by Claudio Marturano, Founder and MD, Nubis Aviation	
12.00 p.m. Total Training Solutions: Gamification, competence control and regulatory support	Presented by: Michael R. Truelsen, Chairman of Aeroteam Training Solutions - Part of The SA Group
12.30 p.m. EASA Services Presentation	
1.00 p.m. Our Exciting Industry: An Aviation Week Presentation for Students	

3.00 p.m. Exhibit Hall Closes. End of MRO Europe 2019.

MRO Europe 2019 Confirmed Speakers

- **Mark Benson, VP - Technical, Delta Material Services**
- **Thomas Boettger, CEO, XEOS**
- **Robbie Bourke, VP, Oliver Wyman CAVOK**
- **Richard Brown, Managing Director, NAVEO Consultancy**
- **Jonathan Berger, Managing Director, Alton Aviation**
- **Bill Correll, President, CFM Materials**

- Fraser Currie, CCO, JORAMCO
- Alex Dawood, Senior Director, Strategy And Analytics, Aftermarket Services, Collins Aerospace
- Frederic Dupont, VP Technical Sales & Customer Service, Etihad Airways Engineering
- Peter Gille, VP & GM, TurbineAero Asia
- Erik Goedhart, SVP, Global Head of Aerospace and Industrials, Kuehne & Nagel
- Mehmet Gokhan Dogan, Managing Director, GA Telesis Istanbul
- Maurick Groeneveld, Director Aircraft Management, Doric
- Jean-Luc Fattelay, VP Components Customer Business, AFI KLM E&M
- Paul Finklestein, Director - Marketing, Pratt & Whitney
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- Olivier Legrand, President and CEO, Revima Group
- Guillaume Limouzy, EMEA Regional Manager, StandardAero Airlines & Fleets
- Wanda Manoth-Niemoller, Commercial Development Manager, KLM Royal Dutch Airlines
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