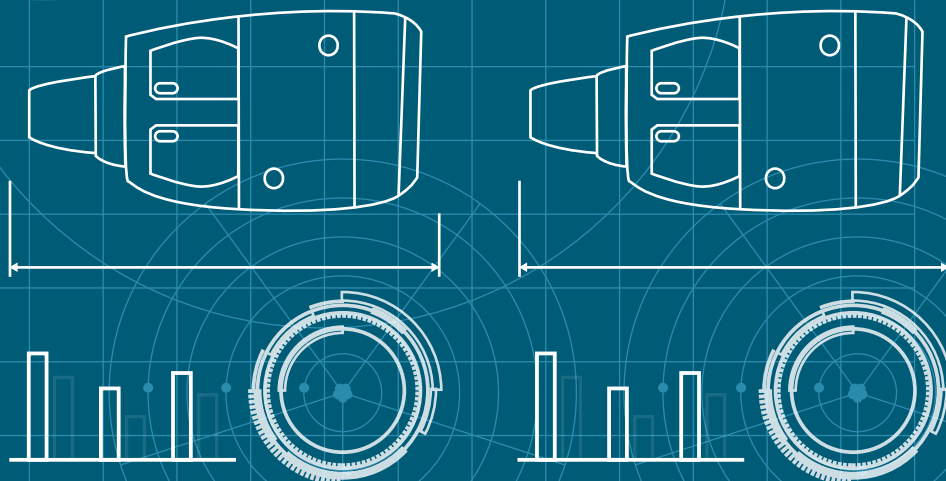
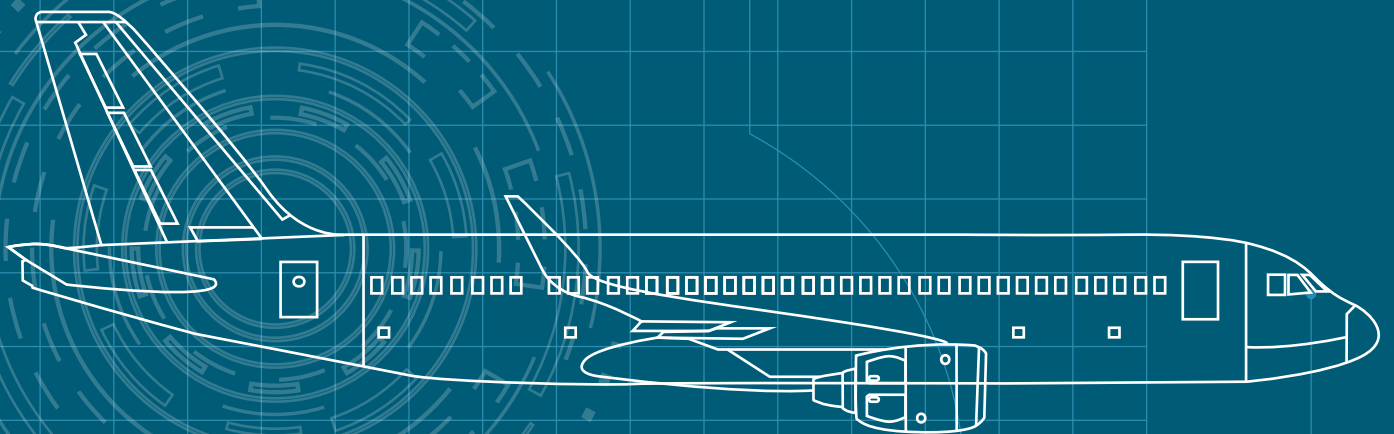


AIRCRAFT MRO

MAINTENANCE | REPAIR | OVERHAUL

29 - 30 MAY 2024 | ALOFT BANGKOK SUKHUMVIT 11,
BANGKOK, THAILAND



EVENT OVERVIEW

MRO operations in the aviation industry are currently worth around USD 85 billion and is expected to hit USD 133.69 billion come 2030. As the world returns to normalcy, there has been a steep surge of flights across the globe and in turn an increased need for MRO services. Rolls Royce made an underlying operating profit of USD 850 million between January and June 2023 for servicing its jet-engines, up from USD 157 million and five folds of their profit from the same period last year.

Air India has agreed to buy 470 planes from manufacturers Airbus and Boeing, in a bid that would be worth tens of billions of dollars and the biggest order of new passenger aircrafts in history, as the airlines bets on the rapid expansion of air travel in Asia. This opens up an abundance of opportunities for the MRO sector in Asia with huge profits up for grabs to whomever seizes it first.

Singapore leads the charge as one of the world's leading and Asia's largest MRO hubs and are already recognised as the "Aerospace City of the Future". The MRO sector in Singapore, which is currently worth at USD 5 billion, is growing at 5.94% and expected to reach USD 6.72 billion by 2028, accounting for nearly 25% of MRO revenues in Asia. Following Singapore's success, players from Indonesia, Malaysia, and Thailand are trying to replicate their success of and are developing their MRO capabilities, which is positioning Southeast Asia as a crucial hub for global aircraft MRO operations.

WHY YOU CANNOT MISS THIS EVENT

- Analyzing the evolving roles of OEMs and MROs in the aviation market
- Evaluating your maintenance planning to maximize profitability and minimize ground time
- Discover how major players are coping with inflation and high costs
- Harnessing new digital technologies to complement and improve aircraft maintenance
- Learn of the strategies being put in place to manage the aircraft parts supply chain market

WHO SHOULD ATTEND?

VPs/Directors/Heads/GMs/Managers of:

- Engineering
- Maintenance
- Fleet
- Inspection
- Operations
- Technology
- Supply-chain & logistics
- Safety
- Innovation
- Strategy

From the following industries:

- Airlines
- Airports
- Aircraft OEMs
- Aircraft engine & part manufacturers
- Civil Aviation Authorities
- Real Estate & leasing companies
- MRO service providers

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FEATURING PRESENTATIONS AND CASE STUDIES BY DISTINGUISHED SPEAKERS



Lutfie Salman Alfarisy
Senior Manager Aircraft
Engineering Program
PT Garuda Indonesia (Persero) Tbk,
Jakarta, Indonesia



Ganesan Murugayyan
Senior Regional Director
ST Engineering Aerospace
Engines, Singapore



Cely Rose Apple Pangan
Head of Strategy & Corporate Projects
Lufthansa Technik Philippines,
Philippines



Aster Michael Lazatin
Manager - Aircraft Programs
Etihad Airways, United Arab
Emirates



Shaun Connors
Line Maintenance Manager –
Queensland
Jetstar Airways, Australia



Radhika Gupta
Lean Programme Manager –
Engineering
Cathay Pacific Airways, Hong Kong



Romulo Jr Raras
Vice President - Aircraft
Maintenance and Engineering
Philippines Airlines, Philippines



Nizar Fazlin
Manager of Capabilities and
Partnership
Malaysian Airlines Berhad
Engineering Services (MABES),
Selangor, Malaysia



Liyan Huang
Senior Manager
Collins Aerospace, Singapore



A.Thirumahal S.Anandhanadarajah
Chief Financial Officer
Asia Digital Engineering, Malaysia



Rajeev Dandona
Deputy General Manager
Air India Engineering
Services Ltd, India



Puteri Norfazreen Razali
Head of Manufacturing &
Production Control (MPC)
SME Aerospace Sdn Bhd, Malaysia



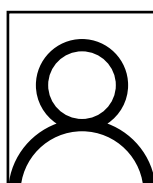
Captain Adrian Abraham
Regional Safety Director - SE Asia
Airbus Singapore Private Limited



Chalernsri Aunsri
General Manager
Aeropair Ltd, Bangkok



Raja Shafril Mizan Raja Mohar
Chief Executive Officer
AIROD Aerospace Technology,
Malaysia



Rafael Warren
Chief Engineering
KLM Royal Dutch Airlines,
Singapore

Day One: Wednesday, 29 May 2024

0800 Registration & Coffee

0850 Opening keynote address

0900 Session One

Compliance requirements, issues and their management in aircraft maintenance organizations

- The Aviation Regulatory environment for the Aircraft MRO Industry
- Addressing the constraints in fulfilling the compliance requirements in aircraft maintenance organizations
- Discussing the solutions to overcome the problems faced by the maintenance organization

Rajeev Dandona, Deputy General Manager
Air India Engineering Services Ltd, India

0945 Session Two

Driving innovation culture and adoption of new technologies in MRO processes

- Driving the innovation culture and adoption of new technologies in MRO industry and understanding its importance
- Sharing challenges and best practices in driving innovation in MRO
- Identifying means/initiatives to introduce innovation in an organization both internal and external

Cely Rose Apple p, Head of Strategy & Corporate Projects
Lufthansa Technik Philippines, Philippines

1030 The Speed Networking - The Mad Minutes!

Fun and fast, this networking activity is a great opportunity to grow your connections

1100 Morning Refreshments

1130 Session Three

Skills and training of aircraft engineers in relation to the advancement in aircraft technologies

- Understanding various aircraft systems, including propulsion systems, avionics, materials, and structures
- Staying updated with the latest advancements in aerospace technology, such as advanced aerodynamics, fly-by-wire systems, and electric propulsion systems
- Having strong problem-solving abilities and critical thinking skills to troubleshoot complex issues and implement innovative solutions in the context of evolving technology

Shaun Connors, Line Maintenance Manager - Queensland
Jetstar Airways, Australia

1215 Session Four

Optimizing economic and operational efficiencies of ageing aircraft through cabin retrofitting

- Integrating lightweight materials and modern cabin components to reduce overall aircraft weight
- Optimizing the cabin layout to accommodate changing passenger preferences and increase seating capacity
- Exploring aerodynamic modifications, such as winglet installations, to improve fuel efficiency and reduce drag

Asther Michael Lazatin, Manager – Aircraft Programs
Etihad Airways, United Arab Emirates

1255 Networking luncheon

1400 Session Five

Selecting the best contracting options for engine maintenance services

- Type of contracts that outline the terms, conditions, and scope of the maintenance activities
- The cost of engine maintenance services in the aviation industry which is influenced by various factors which can significantly impact the overall expenses associated with maintaining and servicing aircraft engines
- TAT, or Turnaround Time, is a critical aspect in the aviation industry, especially in the context of engine maintenance services

Ganesan Murugayyan, Senior Regional Director
ST Engineering Aerospace Engines, Singapore

1445 Session Six

Connect Aviation and it's value proposition for MRO operations

- Defining connected aviation in the MRO industry.
- Creating business opportunities for various service providers, including logistics, training, and technology companies, contributing to economic growth
- Discussing the benefits and value proposition in the MRO operations

Liyan Huang, Senior Manager
Collins Aerospace, Singapore

1530 Afternoon refreshment

1600 Session Seven

MRO Contracting Trends: Changing airline requirements and how suppliers respond

- Seeking MRO suppliers that can offer advanced technological solutions, such as predictive maintenance and data analytics.
- Offering cost-effective solutions from the suppliers without compromising on safety and quality of the aircraft.
- Seeking more flexible contract terms and agreements that align with the airline's operational needs

Nizar Fazlin, Manager of Capabilities and Partnership
Malaysian Airlines Berhad Engineering Services (MABES), Selangor, Malaysia

1645 Session Eight

What's the best option for your ageing fleet ? Repair or Replace ?

- Perspective of ageing fleet lead to the decision making whether repair or replace
- Identify factors contribute in decision making to choose the best way to move forward
- Exploring potential business development related to airline fleet

Puteri Norfazreen Razali, Head of Manufacturing & Production Control (MPC)

SME Aerospace Sdn Bhd, Malaysia

1730 End of Day One



Day Two: Thursday, 30 May 2024

0800 Registration & Coffee

0850 Opening keynote address

0900 Session One

Addressing material & supply chain issues in aviation MRO

- Problem for aviation MRO in achieving a robust and efficient material and supply chain
- Strategies to improve material and supply chain management
- Emerging and evolving materials handling and distribution challenges in the future

Lutfie Salman Alfarisy, Senior Manager Aircraft Engineering Program
PT Garuda Indonesia (Persero) Tbk, Indonesia

0945 Session Two

Aircraft Maintenance Liability: What are the risks and How to limit your exposure?

- Inadequate maintenance or oversight can lead to safety risks, resulting in accidents or malfunctions that compromise the safety of the aircraft and its passengers
- Negligence in maintenance can lead to legal claims or lawsuits, holding the responsible party liable for damages or injuries resulting from maintenance-related issues
- Implementing comprehensive maintenance programs and checklists, following manufacturer recommendations, and documenting all maintenance activities is essential

Romulo Jr Raras, Vice President – Aircraft Maintenance and Engineering
Philippine Airlines, Philippine

1030 Morning refreshment

1100 Session Three

Kaizen and 6 sigma principles in aircraft maintenance: Continuous improvement mindset

- Involving inherent risks wherein 6 Sigma principles can be used to identify, assess, and mitigate risks systematically, ensuring a higher level of safety and reliability in operations
- Emphasizing on meeting customer expectations in the context of aircraft operations wherein this means optimizing schedules, minimizing delays, and ensuring a smooth travel experience for passengers
- Applying statistical analysis to aircraft performance data can help pinpoint areas where improvements are needed

Radhika Gupta, Lean Programme Manager - Engineering
Cathay Pacific Airways, Hong Kong

1145 Session Four

Optimizing Aircraft MRO: Strategies for Efficient Maintenance, Overhaul, and Repair

- Employing real-time monitoring systems to assess the condition of critical components during flight and on the ground
- Establishing strong partnerships with original equipment manufacturers (OEMs) and suppliers to access the latest technical information and support
- Implementing digital twin technology to create virtual replicas of aircraft systems

Rafael Warren, Chief Engineering
KLM Royal Dutch Airlines, Singapore

1230 Networking luncheon

1400 Session Five

Analyzing new trends in aviation market and its influence to OEM, MRO's and Operators

- Discussing how the aviation industry is witnessing a significant shift towards digitalization in MRO operations
- Addressing the growing importance of sustainability in the aviation market. Explore how Original Equipment Manufacturers (OEMs) are incorporating green technologies into new aircraft designs, and discuss the influence of sustainability trends on both MRO practices and the operational strategies of airlines
- Exploring the impact of data-driven decision-making and enhanced connectivity on aviation operations

Raja Shafril Mizan Raja Mohar, Chief Executive Officer
AIROD Aerospace Technology, Malaysia

1445 Session Six

Role of Human Factors in preventing Aviation Accidents

- The integration of automation in modern aircraft requires a careful consideration of the human-machine interface
- Encouraging a culture of open reporting and analysis of errors is essential for identifying and addressing human factors issues. Learning from mistakes helps improve procedures, training, and overall safety
- Aviation authorities incorporate human factors principles into regulations and standards

Captain Adrian Abraham, Regional Safety Director - SE Asia
Airbus Singapore Private Limited

1530 Afternoon refreshment

1600 Session Seven

Financial Strategies for optimizing Aircraft Maintenance Costs

- Enhancing workforce efficiency is a crucial aspect of cost analysis and reduction strategies
- Establishing strong relationships with suppliers and negotiating favourable contracts can be pivotal in cost reduction
- Embracing innovative technologies, such as data analytics, artificial intelligence, and robotics, can revolutionize MRO processes

A.Thirumahal S.Anandhanadarajah, Chief Financial Officer
Asia Digital Engineering, Malaysia

1645 Session Eight

Modernizing Production Methodology in Aircraft Operation

- Traditional Metallic Production i.e. Stone age, Soft metal-Form-HT, Hydroformed 3D Figure, 3D Printing, new machines, and multi materials
- Selecting strategic material and innovative design approaches
- Managing obsolescence is a critical aspect of modernizing the production methodologies

Chalerm Sri Aunsri, General Manager
Aeropair Ltd, Thailand

1730 End of Conference

