

Hosted By:



Strategic Partner:



# MASS '26

MALAYSIA AVIATION SAFETY SEMINAR

**ADVANCING SAFETY THROUGH TECHNOLOGY**

**10 SEPTEMBER 2026**

Mandarin Oriental, Kuala Lumpur, Malaysia

# The Story of

# MASS '26

MALAYSIA AVIATION SAFETY SEMINAR

As aviation enters an era defined by artificial intelligence, automation and digital transformation, maintaining and enhancing safety requires stronger collaboration across regulators, industry and technology partners.

Malaysia Aviation Safety Seminar 2026 serves as a premier platform for thought leadership, technical exchange and strategic dialogue on the future of aviation safety. Bringing together experts from government, international organisations, manufacturers, airlines, academia and technology providers, the seminar encourages meaningful discussions on emerging challenges and innovative solutions.

Through knowledge sharing and partnership, MASS'26 reinforces Malaysia's commitment to strengthening safety promotion and supporting a resilient aviation ecosystem for the future.

Now in its third edition, the Malaysia Aviation Safety Seminar has evolved into CAAM's flagship safety promotion initiative under the State Safety Programme.

This year's theme,

***“Advancing Safety Through Technology”***

reflects the rapid transformation of aviation through artificial intelligence, predictive analytics, automation, digital systems and next-generation aircraft technologies.

Whether through strategic discussions or technical exchanges, MASS'26 provides participants with valuable insights into the technologies shaping tomorrow's aviation industry.





# Why **MASS '26**

MALAYSIA AVIATION SAFETY SEMINAR

- **Promote** proactive aviation safety through innovation and technology.
- **Facilitate** dialogue between regulators, manufacturers, operators and international organisations.
- **Share** best practices and emerging trends in safety management.
- **Strengthen** collaboration across the aviation ecosystem.
- **Support** continuous improvement of Malaysia's aviation safety framework.



## LAUNCH OF MASP 2026 - 2028

The master planning document detailing a Malaysia strategic direction for managing aviation safety.



## AVIATION SAFETY AWARDS

Celebrate excellence and contributions to aviation safety within the Malaysian aviation sector.



## HIGH-LEVEL PANEL

A panel discussion featuring top aviation leaders and decision-makers.

8

## BREAKOUT SESSION

Four parallel tracks featuring SMEs and industry practitioners discussing key aviation safety topics.

**500+**  
Global  
Participants

**30+**  
Speakers

**39+**  
Countries

**100+**  
Organisations

**35+**  
Medias





# Explore Four Specialist Tracks



## Track A

### AIRCRAFT TECHNOLOGY

Fly-by-wire evolution, electric/hybrid propulsion, AI-embedded avionics and new battery systems create certification and continuing-airworthiness challenges. This track gives engineers and regulators their own space to engage with OEM expertise at the technical level the HLP cannot reach.



## Track B

### AVIATION SAFETY MANAGEMENT

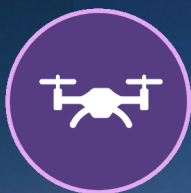
Technology changes not only the hardware but the safety management systems, data pipelines, and human factors that underpin how risk is identified and managed. This track directly continues the SSP Safety Intelligence Briefing by asking: now that we have the data — what do we do with it?



## Track C

### AIR TRAFFIC MANAGEMENT

The airspace is being transformed by AI-assisted decision support, digital towers, trajectory-based operations and increasingly connected infrastructure. This dedicated track ensures the controller, ANSP and ATM technology communities can engage at the depth their domain demands.



## Track D

### EMERGING AVIATION SAFETY ISSUES

Some of the fastest-growing safety risks do not fit neatly into the aircraft, SMS or ATM domains. This track provides a dedicated space for practitioners dealing with emerging and frontier safety issues to engage with the latest regulatory developments, operational experiences and technological responses





# Agenda

0800 - 0845 | **Registration & Welcome Refreshments**  
Venue: Level 1 Foyer

0845 - 1025 | **Opening Ceremony**  
Venue: Sapphire Ballroom

## Opening Speech & Officiation of MASS'26



**YBhg. Dato' Seri Jana Santhiran Muniayan**  
Secretary General  
Ministry of Transport

## Keynote Address



**YBhg. Dato' Captain Norazman Mahmud**  
Chief Executive Officer  
Civil Aviation Authority of Malaysia



**Mr. Toshiyuki Onuma**  
President of the ICAO Council  
International Civil Aviation  
Organization (ICAO)



**Mr. Travis Fiebelkorn**  
Director  
Federal Aviation Administration  
Asia Pacific



**Mr. Malcom An**  
Senior Managing Director Global  
Strategic Initiatives  
The Boeing Company

## Launch of Malaysia Aviation Safety Plan (MASP) 2026 - 2028

### Aviation Safety Awards

The Aviation Awards recognise individuals and organisations within the Malaysian aviation ecosystem who have demonstrated exceptional safety performance or made a significant contribution to aviation safety culture.





# Agenda

1025 - 1035 | SSP Safety Intelligence Presentation - Malaysia's Safety Data Ecosystem

1035 - 1200 | **Plenary Session** | Venue: Sapphire Ballroom

## **"Advancing Safety Through Technology: Leadership Perspectives on AI, Automation and the Future of Global Aviation Safety"**

The panel will assess the pace of technology adoption against existing regulatory and oversight frameworks, identify gaps in Malaysia's and the wider ASEAN region's readiness, and explore how National Aviation Safety Plans (NASPs) and State Safety Programmes (SSPs) must evolve to keep pace with innovation while maintaining the highest safety standards.

### **Moderator:**



**YBhg. Dato' Captain Norazman Mahmud**  
Chief Executive Officer  
Civil Aviation Authority of Malaysia

### **Panellists:**



**Mr. Juan Carlos Salazar**  
Secretary General  
International Civil Aviation Organization (ICAO)



**Mr. Simon Hocquard**  
President & Chief Executive Officer  
The Civil Air Navigation Services Organisation (CANSO)



**Mr. Sheldon Hee**  
Regional Vice President Asia Pacific  
The International Air Transport Association (IATA)



**Dr. Seema Chopra**  
Executive Director & Senior Technical Fellow - Artificial Intelligence (AI)  
The Boeing Company



**Mr. Sarbhpreet Sawhney**  
Director (A) Safety Intelligence and Analytics  
Federal Aviation Administration

1200 - 1300 | **Networking Luncheon**  
Venue: Emerald Ballroom





# Agenda

1300 - 1445

Breakout Session : Track A | Venue: Topaz Room

## "The Next-Generation Aircraft: Manufacturer, Operator, ANSP and Regulator Perspectives on the Future of Flight"

A forward-looking session bringing together manufacturers, operators, ANSPs and the regulator to discuss next-generation aircraft — advanced fly-by-wire and more-electric/hybrid-electric architectures, new propulsion (sustainable fuels, hydrogen, electric/hybrid-electric), enhanced avionics and integrated health-monitoring — and the certification, airspace and continuing-airworthiness implications as these aircraft enter service.

### Speakers:



**Mr. Md Nastain Mahazur**  
Director Safety & Quality  
Civil Aviation Authority of Malaysia



**Mr. Malcom An**  
Senior Managing Director Global  
Strategic Initiatives  
The Boeing Company



**Capt. Mushafiz Mustafa Bakri**  
Chief Operating Officer  
Batik Air



**Ms. Maria Rueda**  
Safety Management, Sustainability  
and Global Outreach Director  
EASA

Breakout Session: Track B | Venue: Crystal Room

## "Just Culture & Human Factors in a Technology-Driven Environment"

This session examines how the principles of just culture and human factors must evolve as automation, AI and new technologies become embedded in aviation operations. It addresses tensions between safety reporting cultures and new technological accountability frameworks, the human factors implications of increased automation (e.g., skill fade, automation complacency), and practical approaches to training and organisational culture that support safe technology adoption.

### Speakers:



**Capt. Adrian Abraham**  
Regional Safety Director  
Airbus



**Mr. Sarbhpreet Sawhney**  
Director (A) Safety Intelligence &  
Analytics  
Federal Aviation Administration



**Capt. Afi Aizam Missman**  
Chief Pilot, Flight Safety &  
Operations Compliance  
Malaysia Airlines Berhad



**Dr. Rithi Baruah**  
Lead Deputy Director, Operational  
Safety  
The Boeing Company



# Agenda

1300 - 1445

Breakout Session: Track C | Venue: Citrine Room

## **“Digital Transformation in ATM: Automation, Decision Support and Remote/Digital Tower Operations”**

Directly continues the High-Level Panel's automation theme — examining AI-assisted decision support, automated separation tools, trajectory-based operations and the deployment of remote/digital towers, including the human-machine interface, workload and situational-awareness implications as these technologies reach smaller or regional airports.

### Speakers:



**Mr. Mohd Fitri Ishak**  
Senior Director Technical  
Civil Aviation Authority of Malaysia



**Mr. Javier Herraiez**  
Global Business Development  
Director for Air Traffic Management  
Indra



**Mr. Francois Balland**  
Chief Product Owner  
Thales



**Ms. Nicole Lewis**  
DAS Operations Lead  
Airservices Australia

Breakout Session: Track D | Venue: Park View 1 Room

## **“Aviation Mental Health: Technology-Enabled Screening, Early Intervention and a Safety-Positive Wellbeing Culture”**

Mental health is increasingly recognised as a critical aviation safety issue. This session explores how technology-enabled solutions, evolving regulatory frameworks and organisational support programmes can facilitate early intervention, reduce barriers to seeking help and foster a safety-positive culture where wellbeing is treated as a shared safety responsibility.

### Speakers:



**Dr. Dandaithapani Thyagarajan**  
Aviation Psychiatrist  
Ministry of Health Malaysia



**Capt. Saravanan Subramaniam**  
Chief Safety & Quality Officer  
AirAsia



**Dr. Javier Vicedo**  
Senior International Cooperation  
Officer  
EASA

1445 - 1515

Coffee Break & Networking

Venue: Level 1 Foyer



# Agenda

1515 - 1700

Breakout Session: Track A | Venue: Topaz Room

## “Certifying Tomorrow’s Aircraft: Regulatory Pathways for Automation & Electric Propulsion”

This session explores how aircraft certification frameworks are adapting to the dual challenge of increasing flight-deck automation and the emergence of electric and hybrid-electric propulsion. With the FAA, Boeing and Airbus all participating in MASS'26, this session offers a rare three-perspective exchange — regulator, civil aviation authority and OEM — on how type certification for highly automated and electrically propelled aircraft is evolving globally, and what this means for Malaysia's regulatory capability.

### Speakers:



**Ir. Collin Joshua Melling**

Senior Director of Airworthiness  
Civil Aviation Authority of Malaysia



**Mr. Caspar Wang**

FAA Aircraft Certification Sr.  
Representative - APAC  
Federal Aviation Administration



**Mr. Sokhib Al Rokhman**

Director of Airworthiness & Aircraft  
Operations  
Directorate General of Civil Aviation

Breakout Session: Track B | Venue: Crystal Room

## “Safety Intelligence: From Concept to Capability - Harnessing AI as the Analytical Engine of Modern Safety Management”

Anchored in ICAO Doc 10159 (Manual on the Safety Intelligence Approach), this session positions safety intelligence as a structured, intelligence-led capability — not a reporting system — that converts raw safety data into actionable, decision-ready insight for regulators and operators. The session traces the full intelligence cycle (collection, processing, analysis, dissemination) and demonstrates how AI functions as the analytical engine at its core.

### Speakers:



**Dr. Seema Chopra**

Executive Director & Senior  
Technical Fellow - Artificial  
Intelligence (AI)  
The Boeing Company



**Mr. Nick Leow**

Head (Safety Assurance)  
Civil Aviation Authority of Singapore



**Ms. María Rueda**

Safety Management, Sustainability  
and Global Outreach Director  
EASA



# Agenda

1515 - 1700

Breakout Session: Track C | Venue: Park View 1 Room

## **"Cybersecurity & GNSS Resilience: Securing ATM Navigation, Surveillance and Critical Infrastructure"**

Extends the High-Level Panel's technology-risk theme into cybersecurity and the rapidly rising incidence of GNSS jamming and spoofing — addressing threats to ATM navigation, surveillance and critical infrastructure, and the resilience and information-sharing measures needed as systems become more connected and exposed.

### Speakers:



**Mr. Erik Langhofer**

Asia Pacific Director, Regulatory Affairs GS & RA  
The Boeing Company



**Mr. Diego Albert**

Director of APAC Sales  
Airbus



**Mr. Shayne Campbell**

Senior International Air Traffic Representative APAC  
Federal Aviation Administration



**Mr. Edwin Pang**

Key Account Director (APAC)  
NATS Asia Pacific Pte Ltd

Breakout Session: Track D | Venue: Citrine Room

## **"Lithium-Ion Battery Safety: Managing the Risk from Passenger-Carries Devices and Power Banks"**

An increasing share of in-flight fire occurrences now involve lithium-ion batteries in passengers' personal electronic devices and power banks rather than aircraft systems — an emerging safety issue driven by the sheer growth in carry-on devices. This session examines ICAO's dangerous goods guidance on the carriage of portable electronic devices and spare lithium batteries, the regulatory rationale behind state-level restrictions, the rising trend in reported battery thermal-runaway incidents, and what regulators, airlines and cabin crew need to do from check-in screening to in-flight containment.

### Speakers:



**Captain Roshan Joshi**

Director Technical Affairs  
Association of Asia Pacific Airlines



**Mr. Myles Brown**

Director of Global Safety & Regulatory Affairs APC  
The Boeing Company



**Mr. Shane Ngai**

Senior Manager Safety  
The International Air Transport Association



**Captain Jose Fernandez**

Director APAC Center for Aviation Safety  
Flight Safety Foundation

1700

End of MASS'26



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Strategic Partner:



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