

Recorded Webinar Talk

SILENT THREATS ON THE GROUND: CRISIS PREPAREDNESS FOR AIRSIDE COLLISIONS

In Conjunction with World Engineering Day Celebration 2026

2nd March – 7th March 2026



Synopsis

Airside collisions remain one of the most underestimated risks in airport operations. This talk highlights the hidden threats on runways and aprons including miscommunication, limited visibility, vehicle movement control and controller workload. Through real-world case studies, we will examine how gaps in coordination and surveillance can escalate into ground-level disasters. The session explores the role of Crisis Management Centres in enhancing early warning systems, enforcing airside safety protocols and integrating ground radar technologies. It aims to provide airport authorities, engineers and emergency planners with practical insights to strengthen crisis preparedness and prevent high-impact incidents that originate on the ground.

Speaker's Biodata



Ir. Dr. Ricky Liew Chee Leong is a Licensed Aircraft Engineer and the current Chairman of the Mechanical Engineering Technical Division, IEM. With over 36 years of experience in aircraft maintenance and regulatory compliance, he has held key positions including Accountable Manager of a Part 145 AMO and formerly served as Quality Assurance and Safety Manager. Ir. Dr. Ricky Liew has led multiple airport-based aircraft recovery operations following incidents and brings experiences in airside safety, operational risk and crisis response. His work bridges engineering practice with strategic disaster preparedness.

BEM Approved CPD/PDP hours : 2

Ref No: IEM25/HQ/479/T (w)

Date: 3rd March 2026

Time: 9am - 11am

Venue: Online

Registration Fees (sst inclusive)

| MEMBER TYPE | NORMAL RATE | ONLINE RATE |
|----------------|-------------|-------------|
| IEM Member | RM20.00 | RM15.00 |
| Non-IEM Member | RM70.00 | - |

In Support of National Disaster Preparedness Month (Bulan Kesiapsiagaan Nasional)



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The Disaster Risk Reduction Advisory Board (DRRAB) & Mechanical Engineering Technical Division



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