Malaysia Branch

Institution of MECHANICAL ENGINEERS

Webinar on

"Aviation Accidents: The Crucial Role of Engineers"

Organised by IMechE Malaysia Branch

BEM Approved CPD / PDP hours: Applying
Ref. No.: Applying

Date : 30th July 2022
Time : 10.00am – 11.30am
Venue : Online Platform (MS Teams)
Fee : Free of Charge

SYNOPSIS

Advancement of aircraft engineering and technology escalated exponentially after the first successful flight by the Wright Brothers. Despite the success of mankind and flight, there were many technical challenges associated with the development the flying machines in terms of engineering design and technologies. While aircrafts are one of the safest vehicles to transport passengers and cargo, there were still incidents and accidents that occurred historically. Each incident and accidents data captured were analysed carefully to identify the errors in order to make improvement to the engineering design and technologies involved. The result of the analysis and improvement required affects engineers in terms of designs, operations, work processes as well as executing their crucial roles. In this webinar, the speaker will share some of the aviation accidents that have taught engineers on their ability to make changes in design and technology for the safety of the aircraft and public.

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SPEAKER'S PROFILE

Ricky Liew is currently the Head of Engineering of a local aircraft engineering services company. He is a registered engineer with BEM. A Fellow of ASEAN Academy of Engineering and Technology and Malaysian Society for Engineering and Technology (MySET), he is also a registered ASEAN Engineering Technologist. He has 33 years of experience in aircraft maintenance industry and was involved in aircraft incidents investigations and improvement of aircraft systems through modifications. He holds Civil Aviation Authority United Kingdom (CAA UK), Malaysian (CAAM) aircraft maintenance engineer license and a Diploma in Aircraft Maintenance (JPK). He was an aircraft engineer with Malaysia Airlines, Eva Airways Corporation and KLM Royal Dutch Airlines. He holds an MBA from Victoria University, Australia and a former Adjunct Professor of Universiti Putra Malaysia at the Department of Aerospace Engineering. He is listed as a National Industry Expert (Aerospace) under Ministry of Human Resources, Malaysia. He is a recipient of Sunway Star Award 2017, Malaysia Board of Technologist (MBOT) Active Technologist Award 2019 and a recipient of International Sustainable Aviation and Energy Research Society (SARES) Company Award 2020.

AGENDA

Time	Details
09.45am – 10:00am	Attendee's Login
10.00am – 11:15am	Technical Talk
11:15am – 11:30am	Q&A
11:30am	End