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W E B I N A R



AVIATION DISASTERS: LESSON LEARNED FOR ENGINEERS, ENGINEERING TECHNOLOGIST & ENGINEERING TECHNICIAN



SPEAKER:
Mr. Ricky Liew Chee Leong

23 July 2022
Saturday
11:30 am - 1:30 pm

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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 affects engineers, engineering technologist and engineering technicians 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 disasters that have taught engineers, engineering technologist and engineering technician on their ability to make changes in design and technology for the safety of the aircraft and public.

ABOUT SPEAKER

Ricky Liew is currently the Head of Engineering of a local aircraft engineering services company. He is a registered engineer with BEM and a committee member of METD. A Fellow of ASEAN Academy of Engineering and Technology, 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.