

Executive Introduction to MRO

Course Synopsis

The course is designed to give participants an overview of MRO operation and the principle of maintenance to ensure effective use of the key asset of air transport – the aircraft. Participants will learn about aircraft maintenance philosophy, airworthiness control and how MRO facilities are organised.

The lecturer will share his experience in development of processes and systems used in MRO operation over each generation of commercial aircraft. The challenges of decision making in an environment of conflicting requirements of economics, safety and reliability will be discussed.

Who Should Attend

Specialists and managers in airlines, MRO companies, government agencies and aerospace related business

Course Fee: S\$1,250

Fee is exclusive of GST

Course Commencement is subjected to minimum number of participants

Course Outline

- Safety, Quality and Reliability
- Airworthiness Control
- Maintenance Philosophy (MSG2/3)
- Regulatory and Licensing
- Maintenance Programme
- MRO Cost Structure
- MRO Organisation

Course Date & Time

#1 28 – 29 Jun 2017 (Wed / Thu)

#2 14 – 15 Aug 2017 (Mon / Tue)

#3 18 – 19 Sept 2017 (Mon / Tue)

#4 19 – 20 Oct 2017 (Thu / Fri)

#5 16 – 17 Nov 2017 (Thu / Fri)

Day 1 – 0900 to 1200h (Lecture)

Day 2 – 0900 to 1200h (Lecture)

1200 to 1300h (Lunch provided)

1300 to 1500h (Industry Networking)

1500 (Course Ends)

Bulk 10% discount for min 2pax per company

Bulk 20% discount for 3 or more pax per company

Participants have the flexibility to exchange schedule

Course Facilitator

Prof Lim Yeow Khee *BBM*

*Hon F.SIAE, FRAeS, A/Prof (Adj) NTU
Adult Education Fellow, SkillsFuture SG*

BSc (Hon) in Electrical & Electronic Engineering, University of Leeds (UK), 1977
Diploma in Electrical Engineering, Singapore Polytechnic, 1973
Aircraft Maintenance Licence Cat B2, CAAS

Relevant Occupations

Managing Director, LYK Aerospace (S) Pte Ltd
Associate Professor (Adjunct) Nanyang Technological University
Academic Chair (Honorary) Air Transport Training College
Chairman, Aero WSQ Technical Committee

Professional Experience

Started aviation career as Apprentice Aircraft Maintenance Engineer with Malaysia-Singapore Airlines in 1968 and continued with the airline, which became Singapore Airlines (SIA) in 1972 until retirement in December 2006.

Worked in technical and management positions in Singapore Airlines and SIA Engineering Company covering Base Maintenance, Technical Services, Workshops, Technical Projects, Inflight Entertainment, Line Maintenance, Quality & Safety, Productivity & Engineering Training. Adjunct lecturer with RMIT University, Australia (2006 – 11), Snr Consultant with BNP Associates Asia Pte Ltd (2011).

Responsible for development of SIA's airborne satellite telephone system and its early Inflight Entertainment systems. Actively involved in the introduction of ATE (Automatic Test Equipment) in SIA Avionics Workshop in 1981 through 1994.

Subject Specialisation

Air Transport Engineering, MRO operation and processes, Avionics Systems, Human Factors, Safety Management Systems, Quality and Reliability Engineering.

Research Interests and Publications

Human Factors in Aircraft Maintenance and Training methodology.



The information contained in this brochure is correct as of 14 July 2017 and is subject to change without notice. ATTC reserves the right to make changes to the course structure, admission requirements, course fee, examination rules and regulations, lecturers, dates and venue of lectures.



Professional Development Centre of the Singapore Institute of Aerospace Engineers

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