

MAINTENANCE PROGRAM DEVELOPMENT & RELIABILITY PROGRAM ANALYSIS



DESCRIPTION

This intensive 3 Day course considers best practice processes for accomplishing the various tasks which together make up the challenging role of Maintenance Program Development and Reliability Analysis.

This course has been designed for personnel involved in the maintenance program development and planning functions, whether in a supervisory or administrative role. Participants will gain valuable insight into how to improve maintenance efficiency through more effective planning and implementation of their organisation's Maintenance Program.

For operators of large aircraft and when the Maintenance program is based on Maintenance Steering Group Logic (MSG) or on condition monitoring that the aircraft maintenance program shall include a reliability program. The purpose of a reliability program is to ensure that the aircraft maintenance program tasks are effective, and their periodicity is adequate, in addition the reliability program may result in the escalation or deletion of a maintenance task, as well as the de-escalation or addition of a maintenance task.

COURSE CONTENT

- Regulatory Framework
- The Part-M & Part-145 relationship – what it means for the Maintenance Planning Department
- Effective & efficient planning principles – The role of the Maintenance Planner
- How the MRB Process Works – MSG 1 – 2 & 3
- The Certification Process - SSA ALI CMR & CDCCL
- Understanding the MPD
- Part-M Subpart C Continuing Airworthiness
- The Approved Maintenance Program
- Escalation and De-Escalation
- The Maintenance Program Review Process
- Changing Maintenance Programs – Developing a Bridging Check/Low Utilisation Programs
- The Reliability Process
- Administration and Management of the Reliability Program
- Concept of Reliability centered maintenance/MSG 3
- Key elements of a Reliability Program
- Developing the Organisational Reliability Program
- Small fleet Reliability Programs

WHO SHOULD ATTEND

- All staff involved in Maintenance Program Development and Reliability Program Analysis
- Quality Personnel
- Authority Inspectors

LEARNING OBJECTIVES

- Understand processes associated with operator management of maintenance programs including escalation and optimisation, component off-wing programs and bridging checks.
- Familiarise with the documents necessary for effective management of maintenance programs.
- Demonstrate an understanding of reliability program necessary for the maintenance program for MSG-3 aircraft.

DURATION: 3 DAYS

The training will commence at 09.00 AM and finish at 17.00

www.aviaeducon.com

Dubečka 51,
10040 Zagreb, Croatia
Tel: +385 98 283 910
info@aviaeducon.com