

Assessing the Effectiveness of an EASA Compliant Aircraft Maintenance Program (AMP) – 2 Days

Introduction

Maintenance has come a long way since the early days of commercial aviation when maintenance programs owed more to the perception of the maintenance needs, as opposed to the analysed and justified needs.

Our mission is to share that the role of Maintenance Planning has the potential to provide significant savings whilst maintaining a fully compliant and safety focused maintenance management system.

From the regulatory perspective it is of primary importance to deliver effective oversight of aircraft operators' maintenance programmes. Together with a viable assessment of the management of the continuing airworthiness process

The course is focused on the specific needs of persons (Competent Authority & Industry) who are required to audit the AMP process. The training is delivered in a stimulating and dynamic environment, with a heavy focus on the practical aspects of an effective and efficient Maintenance Planning Process.

The course is delivered by industry practitioners with many years of real and relevant experience.

Who is this course for?

All personnel with duties and/or responsibilities in ensuring effective oversight of the Airline Planning environment and Aircraft Maintenance Program. Competent Authority (CA) Quality Assurance Staff. Also of Interest to persons working in a CAMO or Part M Quality System. Technical Managers & Lease Companies.

What is the benefit of the training – what will I learn?

- a) At the end of this Training the delegate should have a comprehensive understanding of the Roles and responsibilities associated with the development of the Aircraft Maintenance Program. (AMP)
- b) To be able to effectively assess both the regulatory compliance and suitability of operators' Maintenance Programmes.
- c) Achieve a solid understanding related to Subpart G Continued Airworthiness Management (CAM) and the Continuing Airworthiness Organisation (CAMO) management of the AMP
- d) Be able to use the regulation to proactively manage the oversight of regulatory compliance related to the AMP and its control processes
- e) Understand the activities which support the analysis of Safety Data including SB's and AD's
- f) Understand the impact of the various elements on the AMP with the ability to assess exposure and viability and identify potential weaknesses within the system.

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Detailed Content / Topics - The following Subjects will be addressed

- Abbreviations & Terms
- General Introduction
- Aircraft Certification Principles ISC / MRB / MPD
- Aircraft Maintenance Program – Basic requirements – Compliance with ICAO
- Aircraft Maintenance Programme (AMP) EASA Regulatory Drivers – M.A.302
- Aircraft Maintenance Program Management
- Development of Scheduled Maintenance Tasks (MSI / SSI)
- Airworthiness Limitations & Certification Maintenance Tasks
- AMP Driven Maintenance Standards
- EASA Competent Authority Regulatory Obligations related to Aircraft Maintenance Program (AMP)
- Compliance
- EASA Compliant Aircraft Maintenance Program - Review of Critical Items
- Considerations regarding the Embodiment of Aircraft Maintenance Service Bulletins
- Structural Integrity, Ageing aircraft (Considerations)
- Considering Reliability Key Performance Indicators in the Effectiveness of the Aircraft Maintenance Planning Process
- AMP Escalation & Optimisation
- AMP Bridging Checks
- Exercise to review Appendix I to AMC M.A.302 and AMC M.B.301(b) — Content of the maintenance programme
- The Maintenance Program Review Process – Considerations
- ACAM Key Risk Elements Review

Target Groups

This course is aimed at Competent Authorities, (CA / NAA staff.) EU Operators, Subpart G CAMOs, Quality Managers, CAMs, Airworthiness Review Staff,

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Pre-Requisites?

A background in an aviation environment will benefit the delegate including a good understanding of Part M – Maintenance Planning, Airworthiness Review, and Part 21 Certification processes.

Learning Objectives

To provide delegates with an overview of Aircraft Maintenance Program Functional Elements and techniques to deliver effective oversight.

Certificates wording

AMP Development Roles & Responsibility, Performing and Assessment of regulatory compliance and suitability of operators' AMP, Operators Continuing Airworthiness Organisation (CAMO) management of the AMP, Analysis of Safety Data including SB's and AD's. Aircraft Certification Principles ISC / MRB / MPD, AMP Compliance with ICAO & EASA. Initial Aircraft Maintenance Program Assessment Criteria. CA Regulatory Obligations and Review of Critical Items.

What do People Say about Sofema Aviation Services Training?

- "The instructor used the right words to explain the material."
- "The discussions among the group were very beneficial."
- "The instructor showed very resourceful background and experience."
- "All sections of the course were related to my field."
- "Adequate answers were given to specific questions."

Duration

2 Days – To commence at 09.00 and finish at 17.00, with appropriate refreshment breaks.

Sofema Aviation Services offers a flexible approach to developing all in-company training courses which are specific to the client's needs. If you would like additional information concerning how course content may be configured to be more appropriate for your organisation please email team@sassofia.com



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