



Maintenance Programme Engineering & Planning – Recurrent – 3 Days

Introduction

The Maintenance Planning Function is the responsibility of the Operator and Effective Maintenance Planning can contribute significantly to achieving real cost savings within the organization. The training develops an understanding regarding the opportunities to deliver real savings.

Maintenance has come a long way since the early days when maintenance programs owed more to the perception of the maintenance needs, as opposed to the analyzed and justified needs. In addition the role of the regulator was also minimal, and in part developed as a result of events, incidents and accidents. During the end of the first half of the 20th century regulations began to strengthen and the aircraft manufacturer was seen as the appropriate source of the maintenance program development.

The early attempts at effective maintenance (in the 1960's) saw time limits developed which resulted in aircraft being progressively dismantled, in what became know as Hard Time primary maintenance.

This intensive 5 Day course considers best practice processes for accomplishing the various tasks which together make up the challenging role of Maintenance Planning, It is specifically designed for people with a direct involvement in Part M Subpart C Planning functions whether in a Management Supervisory or Administrative role.

It will also be of benefit to Quality Audit Staff and persons who normally work within the Part M CAMO environment, particularly if elements of the Maintenance Planning Process are outsourced.

Who is the Course for?

It is for persons who are involved in the technical management of Commercial Aircraft Maintenance Planning (CAMO), Technical Engineering, CAMO Quality Auditors, Reliability, Technical Records as well as anyone with an interest to achieve an effective interface with an EASA Compliant Maintenance Department.

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t + 359 2 821 08 06
e office@sassofia.com

www.sassofia.com



What is the Benefit of this Training -What will I learn?

- a) Have an awareness of the structure composition and impact of EASA Part M Maintenance Planning Regulations.
- b) Understanding Organisational Roles and Responsibilities Compliant with the management of the Maintenance Program.
- c) Understand the development and approval of the Aircraft Maintenance Program (AMP)
- d) Understanding the need to co-ordinate with Production Planning and availability and the control of approved data.
- e) Detailed understanding of options related to Work Planning and Scheduling.
- f) Be able to explain how the Maintenance Review Board Process (MRB) Works – MSG 3
- g) Understand the Aircraft Certification Process SSA ALI CMR & CDCCL works and how it affects the maintenance program.
- h) Have confidence in full EASA compliance and the ability to appreciate opportunity to optimise the planning process.
- i) Be able to demonstrate Part M CAMO Functionality related to Maintenance Planning and to have the knowledge to avoid or mitigate problems

Why Should I choose SAS for the training?

Sofema Aviation Services is a Regulatory Training and Consulting company with 45 years of commercial aviation experience and 10 years operational experience. Since the start we have provided certificates to approx 20,000 delegates and we have grown for 2 primary reasons!

The first is that we are professional and we listen to our customers.

The second reason is a combination of outstanding course fees, together with a world beating discount program which leaves our competitors way behind – please do not take our word for it, [check it out!](#)

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What Makes Maintenance Programme Engineering & Planning - Recurrent - 3 Days different?

Because our courses are written by people who have lived through the regulations, from the introduction in the early 00's. EASA Part M is an essential regulation related to the management of the aircraft.

At Sofema Aviation Services our focus is on accepting that compliance with EASA Regulations is in fact minimum compliance. Interpreting the regulations in a way which enables the development and optimisation of our business is where we should see opportunity to drive efficiencies and cost saving.

Detailed Content / Topics (The Following Subjects Will Be Addressed)

Day 1

- Abbreviations & Terms
- Part M Subpart C Review
- Aircraft Certification Principles ISC / MRB / MPD
- Maintenance Planning Engineering Function
- Managing Competencies in Maintenance Planning
- Airworthiness Directives
- EASA Compliant Aircraft Maintenance Program – Review of Critical Items
- Instructions for Continued Airworthiness ICAW
- Supplemental Type Certificates
- Airworthiness Limitations & Certification Maintenance Tasks

Day 2

- Development of Scheduled Maintenance Tasks (MSI SSI)
- Maintenance Planning Document
- The Aircraft Maintenance Program – AMP Introduction
- The Aircraft Maintenance Program – Developments
- Aircraft Maintenance Program Management
- Additional Structural Considerations
- Temporary Extension and Escalation / De-escalation
- Task Optimization vs Package Optimization
- Block Check and Equalized Check Considerations
- Measuring the Effectiveness of the Maintenance Planning Process

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Detailed Content / Topics (The Following Subjects Will Be Addressed)

Day 3

- ETOPS
- Aircraft Maintenance Man Hour Planning Considerations
- Capacity Planning
- The Maintenance Program Review Process – Considerations
- Changing Maintenance Programs – Developing a
- Bridging Check – Low Utilization Programs
- Field Loadable Software
- Modifications & Repair Status Considerations
- Managing Engine and Component Status “off wing”
- Weight & Balance – Maintenance Planning’s Responsibility
- Exam

Target groups

All personnel with duties and/or responsibilities in the Airline Planning environment. Quality Assurance Staff. Also of Interest to persons working in a CAMO or Part M Quality System. Production Planning and Reliability Specialists, Engineers, Managers & Lease Companies.

Pre-requisites

General Awareness of the structure and functionality of the Part M would be an advantage but not essential.

Learning Objectives

At the end of this Training the delegate should have a comprehensive understanding of the Roles and responsibilities associated with Maintenance Planning, and the importance of delivering an effective Maintenance Planning Function within the organization.

In addition to have a firm understanding of areas where savings may be developed.

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SOFEMA

Aviation services



Aviation Regulatory Experts



TRAINING COURSE DETAILS

What do People Say about Sofema Aviation Services Training?

"The content of the course will be very useful for my future practices."

"All my expectations are met."

"The course really contributed to expanding my knowledge in that area."

"The instructor really added up to me understanding the topic."

"The presentation made the material so much more comprehensible."

Duration

3 days -Each training day will start 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 office@sassofia.com

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