

# Advanced Maintenance Planning Techniques – 1 Day

## Introduction

This 1 Day training focuses on Industry best practices, acknowledges the role of Human Factors and delivers several advanced subjects to support the job role of your Maintenance Planners, Supervisors and Managers.

Aircraft Maintenance Planning is a key business area within the Continuing Airworthiness Management Organization (CAMO). Whilst some in the organisation may view Maintenance Planning as a burden or overhead in fact if managed correctly and all opportunities are understood and actioned, can in fact support the for drive significant savings.

The course is aimed at those who have a direct role in either the control or administration Maintenance Programs, it is an advanced course and is best suited to persons with a working knowledge of the MSG 3 and MRB process.

## Who is the course for?

This course is designed for individuals who work in maintenance and asset management roles within various industries. This course is specifically targeted at professionals who already have a basic understanding of maintenance planning and want to enhance their skills and knowledge in advanced techniques.

## What is the Benefit of this Training – What will I learn?

- a) A review of fundamental concepts and principles related to maintenance planning in the aviation industry, including regulatory requirements, industry standards, and best practices.
- b) Techniques for optimizing maintenance programs, including advanced methods for analyzing reliability data, developing maintenance tasks, and incorporating reliability-centered maintenance (RCM) principles.
- c) Understanding reliability engineering principles and risk management strategies to improve maintenance planning decisions.
- d) How to develop effective maintenance strategies based on the criticality of assets, cost considerations, and risk management.

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<b>Date</b>	On Demand
<b>Category</b>	Personal Development
<b>Venue</b>	On Demand
<b>Level</b>	Basic
<b>Price</b>	On Demand

## Detailed Content / Topics - The following Subjects will be addressed

- Introduction Overview and Regulatory Perspective
- Aircraft Maintenance Program Development
- Performance-Based Maintenance Planning Optimization
- Escalation/De-Escalation
- Bridging Requirements
- Comparison of "Block," "Phased," and "Equalized" check philosophy.
- Task Packaging & Maintenance Clusters
- Capacity Planning
- Man hour Planning and Estimation
- Ageing Aircraft Structures
- NDT in Aircraft Maintenance (Maintenance Planning Considerations)
- Work Pack Auditing
- Maintenance Planning – Production Planning Interface
- Developing Service Level Agreements (SLA)

## 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 and Engineers.

## Pre-requisites

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

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## Learning Objectives

The course considers opportunities to generate efficiencies in the Maintenance Planning Process, it is specifically intended to support a proactive Planning approach.

## What do People Say about Sofema Aviation Services Training?

*"I found satisfying answers to all my questions."*  
*"The instructor demonstrated very deep knowledge of the subject."*  
*"The length of the course fit my needs and expectations."*  
*"The content was really effective, I gained a lot of new knowledge."*  
*"The practical examples were perfectly delivered."*

## Duration

1 day – Start at 09.00 and finish at 17.00, with appropriate refreshment breaks.  
To register for this training, please email [team@sassofia.com](mailto:team@sassofia.com) or Call +359 28210806

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