



EASA Part M / GCAA CAR M Maintenance Planning Fundamentals – 3 Days

INTRODUCTION

The Aviation Maintenance Planning Function is the responsibility of the Aircraft Operator or Owner. The opportunity exists in every organization to employ effective Maintenance Planning processes to contribute significantly to achieving real cost savings within the organization.

This intensive 3 Day course considers best practice processes for accomplishing the various tasks which together make up the challenging role of Maintenance Planning, whilst at the same time considering opportunities to optimize the effectiveness of the process.

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

It is specifically designed for people with a direct involvement in EASA Part M / GCAA CAR M Subpart C Planning functions whether in a Management Supervisory or Administrative role. However it will service as a beneficial training program for anyone with responsibilities which include delivering effective Aircraft Maintenance.

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

Detailed Content / Topics - The following Subjects will be addressed

Day 1

- Abbreviations & Terms
- Aircraft Maintenance Introduction
- Regulatory Framework
- Part M / CAR M purpose content and relationship
- Part 145 / CAR 145 purpose content and relationship
- Part M / CAR M – Part 145 / CAR 145 Interface and responsibilities
- Part M / CAR M Subpart C
- The Basics of EASA / GCAA Maintenance Planning
- Maintenance Planning Engineering Function
- Considering AD's SB's & Mods
- Instructions for Continued Airworthiness ICAW
- Supplemental Type Certificates
- Managing Competencies in Maintenance Planning

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Detailed Content / Topics - The following Subjects will be addressed

Day 2

- How the MRB Process Works – MSG 1 – 2 & 3
- The Certification Process – SSA ALI – CMR & CDCCL
- Maintenance Planning Document
- Contract and Subcontract Management
- Aircraft Maintenance Program Introduction
- Aircraft Maintenance Program Development
- Aircraft Maintenance Program Management
- MSI/SSI/ALS Management
- Temporary Extension and Escalation / De-escalation
- SFAR88/EWIS/CDCCL in the context of Maintenance Planning
- Task Optimization vs Package Optimization
- Block Check and Equalized Check Considerations
- Auditing Aircraft Maintenance Check Packs and other Quality Control Processes

Day 3

- Measuring the Effectiveness of the Maintenance Planning Process
- Human Factors in Maintenance Planning
- Service Level Agreements & Optimizing the Supply Chain
- Aircraft Maintenance Man Hour Planning Considerations
- Capacity Planning
- The Maintenance Program Review Process – Considerations
- Changing Maintenance Programs – Developing a Bridging Check – Low Utilization Programs
- The Reliability Process
- Work package Control - Additional Content Control Process
- Field Loadable Software
- Modifications & Repair Status considerations
- Managing Engine and Component Status “off wing”
- Weight & Balance – Maintenance Planning’s Responsibility
- Examination

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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 / CAR M Quality System. Production Planning and Reliability Specialists, Engineers, Managers & Lease Companies.

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TRAINING COURSE DETAILS

Pre-requisites

General Awareness of the structure and functionality of the EASA Part M / GCAA CAR 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.

Duration

3 days - Each training day will start at 09.00 and finish at 17.00 with appropriate refreshment breaks.

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