

Developing an Aviation Maintenance Control Centre – 3 Days

Introduction

The Maintenance Control Centre (MCC) is essentially the hub of the CAMO and acts as the primary interface with the Operations and Maintenance (145) Department Business Areas

The typical role of a Maintenance Control Centre in a medium organisation is to manage the "in service" activities of the aircraft

– MCC light (MCC light little involvement in Work packages)

MCC heavy manages the oversight of the maintenance and many options in between for example – work package assignment to maintenance, repair and overhaul organisations (MROs) and aircraft on ground (AOG) spares supply. Again multiple solutions based on the organisations constraints

In a smaller organisation MCC is often integrated into the full CAMO management process

The Maintenance Control Centre usually interfaces with Operations Control Centre to ensure the maximum availability of aircraft and to minimise maintenance downtime.

Primary activities include many of the following

- Reliability & Engineering (CAMO) Technical Support AD / SB
- Continuous Assessment of Deferred Maintenance Items and Trouble Shooting
- Maintenance planning and layover coordination including priority of maintenance activities as well as work (package) assignment to maintenance AMO
- AOG support, Coordination & Minimum equipment list dispatch control

This 3 Day Overview Course considers all elements required to develop either an MCC Heavy or Light function

Who is the Course for?

The course is highly suitable for CAMO and Maintenance Operations Staff as well as Quality and Safety Staff. Regulatory Authorities and Aircraft Maintenance Organisation Staff will also benefit from this course

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Category

Personal Development

Venue

Level

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

- Understand the Regulatory Drivers related to MCC operations
- How to set up and implement an MCC (Heavy & Light)
- Be able to manage the competence of MCC Staff
- Be able to Understand and Develop MCC Process & Procedures
- Awareness of the Interface Procedures between MCC, OPS & AMO
- Consider typical software's for managing an MCC

Detailed Content / Topics - The following Subjects will be addressed

- Abbreviations and Terms
- Introduction to the Role of an MCC
- EASA Operator Responsibilities Concerning Continuing Airworthiness
- Converting an Existing CAMO into a CAMO plus MCC
- Initial MCC Scoping Exercise
- Regulatory Requirements related to MCC Implementation
- Considering Aircraft Maintenance Planning and Control Objectives
- Developing the MCC Works Scope
- Facilities and Equipment Required for an MCC
- Roles and Responsibilities within a Typical MCC
- MCC Flight Operations Interface
- MCC AMO Production Planning Interface

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Detailed Content / Topics - The following Subjects will be addressed

- MCC Materials Management Interface
- Training Considerations Related to a Functioning MCC
- MCC Financial Considerations / Cost Benefit Analysis
- Meeting Technical & Documentation Support Requirements
- Addressing AOG and Unscheduled Maintenance
- Short Term Reliability Considerations
- Recurrent Defect Control
- MCC Managed Aircraft Technical Records
- MCC Software Considerations
- MCC Visual Display Systems
- Quality Control within the Maintenance Control Environment
- Emergency Response Program Best Practices
- What Technical Aviation Documentation needs to be Collected & Protected following an Incident or Accident I.A.W the Emergency Response Plan (ERP)
- Debrief

Target Groups

CAMO , Maintenance Operations Staff , Quality and Safety Staff. Regulatory Authorities and Aircraft Maintenance Organisation Staff will also benefit from this course.

Pre-Requisites?

A background in aviation maintenance.

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Certificates Wording

Introduction to the Function of a Maintenance Control Centre, Objectives & Regulatory Requirements, Consideration of Roles, Responsibilities & Interfaces. Meeting Training & Financial Objectives, Reliability, Defect Control, Technical Documentation & Records. Quality Control and Emergency Response Planning.

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 a very resourceful background and experience."
"All sections of the course were related to my field."
"Adequate answers were given to specific questions."

Duration

3 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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