

# Maintenance Control Centre Repetitive Defect Management – 2 Days

## Introduction

Typical Evaluation of repetitive defects, includes the following:

- No Fault Found (NFF). NFF occurs when a system is tested after a fault is reported but the fault is not replicated during the test.
- Rogue Units. A rogue unit is a single serialized line replaceable unit (LRU) which has demonstrated a history of identical system faults which may or may not result in an exceedance of an operator's defined number of repetitive unscheduled removals within an associated short service life.
- Chronic Units. A chronic unit is a single serialized LRU which has demonstrated a history of different system faults resulting in an exceedance of an operator's defined number of repetitive unscheduled removals within an associated short service life.
- Chronic Systems/Aircraft. A chronic system or aircraft is identified by a specific aircraft serial number which has demonstrated a history of repetitive unscheduled maintenance defects within the same system/subsystem during an operator-defined period of time.

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

This 2 Day Course considers all elements required to develop an effective Defect Control Process within a Maintenance Control Centre (MCC)

## 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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<b>Price</b>	On Demand

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

- a) Achieve Effective Engagement with Aircraft Recurrent Defects
- b) Understand the interface between Reliability – Defect Control & Maintenance Control Centre (MCC)
- c) Explain all regulatory Drivers for Repetitive Defect Control
- d) Enable Improvements to your Recurrent Defect Management Process

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

### Day 1

- Abbreviations and Terms
- EASA Regulatory Drivers for Reliability & Defect Control
- EASA Operator Responsibilities Concerning Continuing Airworthiness
- Introduction to the Role of an MCC Defect Control Engineer
- Managing Competence Related to Recurrent Defect Control
- Aircraft Recurrent Defect Good Practice Considerations
- Using Pareto Analysis to support Repetitive Defect Management
- Managing Defect Reporting & Communication with TCH & OEM
- Correct Use of the Minimum Equipment List (MEL)

### Day 2

- Technical Records Repair Legislation Part-21
- Considering an Organizational Definition of a Recurring Defect
- Development of a Defect Control Procedure
- Short Term Reliability Considerations Related to Recurrent Defect Control
- Using Root Cause as a Recurring Defect Analysis Tool
- MCC Managed Short term Aircraft Technical Records
- MCC Software Considerations Reliability / Recurrent Defects
- Reliability & Engineering (CAMO) Technical Support AD / SB
- Continuous Assessment of Deferred Maintenance Items and Trouble Shooting
- AOG support, Coordination & Minimum equipment list dispatch control

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## Learning Objectives

- Achieve Effective Engagement with Aircraft Recurrent Defects
- Understand the interface between Reliability – Defect Control & Maintenance Control Centre (MCC)
- Explain all regulatory Drivers for Repetitive Defect Control
- Enable Improvements to your Recurrent Defect Management Process

## 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.

## Certificates Wording

EASA Regulatory Requirements Related to Reliability & Defect Management. Introduction to the Roles & Responsibilities of an EASA MCC Defect Engineer, Understanding Repetitive Defect Management & Control. Consideration of Defect Control Best Practices

## 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."*

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## Duration

2 days – The training will commence 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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