

# Maintenance Error Management System & MEDA Introduction – 2 Days

## Introduction

The Maintenance Error Decision Aid (MEDA) process was developed by Boeing and is a proven and effective tool, for not only investigating the various causal factors, but in also developing mitigations.

The basic MEDA philosophy is based on an understanding that people do not intentionally make errors and that organizational factors play a significant and contributory role.

It is widely recognized that the majority of causal and contributory factors leading to an error can be managed. In addition developing root cause understandings, leads to a wider and more effective mitigation process.

This training takes the understanding of the entire MEDA process to a deeper level so that following the training the Delegate will be able to:

- a) Develop comprehensive understandings of the MEDA process
- b) Understand effective techniques for training your own employees in the implementation of MEDA systems.
- c) Undertake Case Study analysis and practice completion of the MEDA Results form and Interview Process

Maintenance Error Decision Aid (MEDA) Training & Workshop is a 2 day industry specific training aimed at Training, Quality and Safety Personnel who have responsibility for implementing, managing or training Incident and Accident investigation and mitigation processes.

## Who is the course for?

It is for anyone with an interest to engage with an effective Maintenance Error Management System (MEMS) and to achieve a deeper understanding of Maintenance Error Decision Aid within an 145 Maintenance Organisation. Basically, the course will be of interest to everyone who engages with the 145 Aircraft Maintenance Organisation from newcomers to the Leadership Team and Nominated Persons (Post Holders) wishing to understand the process and methodology related to maintenance error management. Consider that understanding the MEDA process is the starting point – The real advantage is to use MEDA as a Tool to provide “Data” to the SMS and to enable the optimisation of the business in the best way whilst remaining fully compliant with EASA Part 145 requirements.

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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

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

- a) Awareness of the structure composition and impact of 145 Maintenance Error on the Organisation
- b) Understand the forces driving 145 Maintenance Errors to focus your business decision process on improved engagement with employees
- c) Ability to consider changes driven by MEMS Part and how they impact your specific organisation
- d) Confidence in a detailed knowledge of the key components of MEMS
- e) Have the knowledge to be able to implement MEMS within an Organisation

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

### Day 1

- Introducing Maintenance Error Management Systems (MEMS)
- Abbreviations & Definitions
- Where is the Link Between Aviation Safety Management Systems (SMS), HF & MEMS
- Challenges To Delivering an Effective MEMS
- Error, Violations, Blame & Culpability
- Understanding Hazard Identification and Risk Management
- Considering Root Cause and Contributing Cause Analysis

### Day 2

- Introduction to Boeing Maintenance Error Decision Aid system
- Detailed understanding of the Boeing Maintenance Error Decision Aid system
- Completing The MEDA Form
- Preparation before the Interview
- Conducting a MEDA Interview
- Practical Exercises using MEDA
- Debrief & Close Out

## Target Groups

This course will be of very significant benefit to any person required to work within the MEDA process.

Training Department Managers and other Training staff will also benefit from attendance at this course.

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## Learning Objectives

Understand the methodology and challenges to enable the implementation of the most effective process to manage maintenance errors.

To develop best practice techniques for managing an effective Maintenance Error Management System using MEDA.

In addition, delegates will understand how to develop organizational, specific MEDA programs for use within the organization.

## Pre-requisites

A background in an aviation maintenance environment.

## 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

2 days – 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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