

Maintenance Error Management System & MEDA Practical Investigations – 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 is focused on developing practical investigation skills

The Delegate will develop an understanding of Maintenance Error Management and on completion will be able to:

- a) Demonstrate a comprehensive understanding of all elements of MEDA process
- b) Understand effective techniques for performing Practical Investigations.
- c) Undertake Case Study analysis and practice completion of the MEDA Results form and Interview Process

Maintenance Error Management System & MEDA Practical Investigations Training is a 2 day industry specific training aimed at Training, Quality and Safety Personnel who have responsibility for gathering data, analysing, performing investigations and making recommendations for effective mitigation.

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www.sassofia.com

Date	On Demand
Category	Personal Development
Venue	On Demand
Level	Applied
Price	On Demand

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 (MEDA) within an 145 Maintenance Organisation.

Essentially 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 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.

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

- Introducing Maintenance Error Management Systems (MEMS)
- Abbreviations & Definitions
- Where is the Link Between Aviation Safety Management Systems (SMS), HF & MEMS
- Regulation (EU) 376/2014
- Challenges To Delivering an Effective MEMS
- Error, Violations, Blame & Culpability

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Detailed Content / Topics - The following Subjects will be addressed

- Managing Aviation Maintenance Error
- Understanding Hazard Identification and Risk Management
- Considering Root Cause and Contributing Cause Analysis
- Understanding Complex Problems & Determination of Root Cause
- Is Human Error in Aviation an Acceptable Outcome as a Root Cause
- Key Components of Maintenance Error Management Systems
- Practical guide to building a MEMS System
- 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
- Integrating MEMS into a Safety Management System
- Fatigue Risk Management Considerations
- Implementing Proactive Aviation Maintenance Error Reduction Strategies
- Practical Exercise using MEDA
- Debrief & Close Out

Target groups

This course will be of very significant benefit to any person required to work within a Maintenance Error Management System.

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

Pre-requisites

A background in an aviation maintenance environment will allow the delegate to engage with the training in the strongest possible way

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Learning Objectives

Understand the methodology and challenges to enable the implementation of the most effect 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 techniques to perform effective investigations within the organization.


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

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 or Call +359 28210806



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