

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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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

Why Should I Choose SAS for the training?

Sofema Aviation Services a Regulatory training and consulting company with 45 years of commercial aviation experience and 12 years of operational experience. Since we started we have provided certificates to approx 25,000 delegates we have grown for 2 primary reasons!

The first is that we are professional and we listen to our customers. Please visit our download area as an example of how we engage with our customer.

The second is not only the fact that our prices are far more cost-effective than our competitors it is that our discount program leaves all the others way behind – please do not take our word for it [check it out!](#)

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What Makes SAS Maintenance Error Management System & MEDA Practical Investigations – 2 Days Different?

Because our courses are written by people who have lived through the regulations. The author of the training material has more than 25 years' experience as an auditor across the entire regulatory spectrum.

At Sofema Aviation Services our focus is on accepting that compliance with Regulations is in fact minimum compliance. Interpreting the regulations in a way which enables the development and optimisation of our business is where we should see opportunity to drive efficiencies and cost saving.

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
- 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
- Common Errors in Aviation Root Cause Analysis (RCA)
- Introduction to Bowtie Risk Assessment Methodology
- Effective Aviation System Root Cause Analysis using 5 Why & Fishbone Techniques Together

Day 2

- Introduction to Boeing Maintenance Error Decision Aid system
- Detailed understanding of the Boeing Maintenance Error Decision Aid system
- Completing The MEDA Form
- Conducting a MEDA Interview
- Practical Exercises using MEDA
- Investigation and Analysis Risk and Exposure
- Performing and Managing Investigations
- Root Cause Team Exercises
- Debrief & Close

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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

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 office@sassofia.com or Call +359 28210806

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