

Maintenance Error Decision Aid (MEDA) “Train the Trainer” –3 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 and supports the Train the Trainer process 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.

Maintenance Error Decision Aid (MEDA) Train the Trainer is a 3-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 get deeper into EASA Part 145 Maintenance Error Decision Aid from newcomers to Post Holders.

Basically, the course will be of interest to Key personnel in Aircraft Maintenance 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 optimizing the business in the best way whilst remaining fully compliant with EASA Part 145 requirements program.

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

- a) Awareness of the structural composition and impact of EASA Part 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 organization.
- d) Confidence in detailed knowledge of the key components of MEMS.
- e) Have the knowledge to be able to implement MEMS within an Organization.

Detailed Content / Topics - The following Subjects will be addressed

Introducing Maintenance Error Management Systems (MEMS)
The Challenges of Training an Adult Group - the Adult Learning Experience – Andragogy
Where is the Link Between Aviation Safety Management Systems (SMS), HF & MEMS
Delivering Effective Training – Personal Considerations
Regulation (EU) 376/2014
Challenges To Delivering an Effective MEMS
Creating a Positive Learning Atmosphere
Error, Violations, Blame & Culpability
Managing Aviation Maintenance Error
Understanding Hazard Identification and Risk Management
Developing the Aviation Training Program – Practical Considerations
Considering Root Cause and Contributing Cause Analysis
Designing your own Presentation Principles and Fundamentals
Key Components of Maintenance Error Management Systems

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Detailed Content / Topics - The following Subjects will be addressed

- Practical guide to building a MEMS System
- Introduction to Boeing Maintenance Error Decision Aid system
- Giving Feedback, How When and Where
- 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
- Designing Your Own Course Material
- Performing an Effective Training Needs Analysis (TNA)
- Lesson Planning
- Implementing Proactive Aviation Maintenance Error Reduction Strategies
- Practical Exercises using MEDA

Target Groups

This course will be of very significant benefit to potential Maintenance Error Decision Aid trainers who need to have the necessary competence to deliver effective MEDA Training. Training Department Managers and other Training staff will also benefit from attendance at this course.

Pre-Requisites?

A background in an aviation maintenance environment.

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 training adults in the use of MEDA techniques. Develop organizational, specific training programs for use within the organization including case study activities.

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Certificate Wording

MEMS Introduction & Link with HF & SMS, Delivering Effective MEMS Training, The Adult Learning Experience & Andragogy. Developing the Aviation Training Program. Designing your own Presentation Principles and Fundamentals. Boeing MEDA Fundamentals, Performing an Effective Training Needs Analysis (TNA) & Lesson Planning.

What do People Say about Sofema Aviation Services Training?

*"The content of the course will be very useful for my future practices."
"All my expectations are met."
"The course really contributed to expanding my knowledge in that area."
"The instructor really added up to me understanding the topic."
"The presentation made the material so much more comprehensible."*

Duration

3 days -each day will commence at 09.00 and finish at 17.30, 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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