

Introducing Aviation Maintenance Error Management Systems (MEMS) – Intensive – 2 Days

Introduction

Identifying the Aviation Need for a Maintenance Error Management System (MEMS) Human Factors is a major component of Maintenance Error, an active organization system which is able to manage exposure to risk and hazards can benefit the entire process by significantly lowering the possibility of both Human Factor (HF) and Organisational related incidents and events Maintenance Error Management System (MEMS) provides an organization methodology which using a framework and a defined process (in our case BOEING MEDA) to help to understand not just the error and its root cause, but the contributing factors – essentially it is the understanding and management of the contributing factors which adds strength to the system.

Within the Organisation Culture and Behaviour play a significant role in the exposure to error and through MEDA we are able to work to identify the degree of exposure, integrated into an SMS system can significantly improve the reach and effectiveness of the MEMS Program. One of the biggest challenges the organization faces is to take control of its safety culture, this process is built on a foundation of trust and can be easily damaged by in effective process management. This is important as a strong safety culture is an essential ingredient for effective safety management.

This highly interactive 2 day training focuses on the understanding, development and optimisation of an effective Maintenance Error Management System (MEMS) within your Maintenance Organisation. Moreover the course considers how best to integrate MEMS into your Safety Management System (SMS). In accordance with the provisions of International Civil Aviation Organisation (ICAO) driven SMS, It is important to note that the intent of the internal safety reporting scheme is not only to capture reactive safety information following from errors, near-misses or other undesirable events (occurrences) but also to capture safety hazards.

Sofema Aviation Services offers Training, Support and Guidance to help you understand, develop and implement an Effective Error Management Systems to deliver the safest possible organization process. This Industry specific 2 Day course is aimed at the understanding and implementation of all the necessary elements to create an effective Maintenance Error Management System.

The training considers the attributes of an effective and open reporting culture and how this may be fostered.

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

Who is the course for?

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.

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 organization
- 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

- Abbreviations & Definitions
- General Introduction
- Regulatory Background SMS / MEMS / FRMS
- Challenges To Delivering an Effective MEMS
- Error, Violations, Blame & Culpability
- Managing Aviation Maintenance Error

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Detailed Content / Topics - The following Subjects will be addressed

- Understanding Hazard Identification and Risk Management
- 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
- Conducting a MEDA Interview
- Integrating MEMS into a Safety Management System
- Implementing Proactive Aviation Maintenance Error Reduction Strategies

Target groups

145 Safety Management System Staff, Quality Assurance Staff, Maintenance Management Staff, Other Stake holders and Engineering Training Staff.

Pre-requisites

General Awareness of the Aircraft Maintenance Management process.

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Learning Objectives

Consider the background regarding developments in the Industry understanding relating to Maintenance Error.

Understand the components necessary for an Effective Error Management System within your own organisation.

Develop a detailed knowledge of the Boeing Maintenance Error Decision Aid.

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."

Duration

2 Days – To commence at 09.00 and finish at 17.00 each day, with appropriate refreshment breaks.

To register for this training, please email team@sassofia.com or Call +359 28210806



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