

Developing an EASA Compliant Flight Data Monitoring Program – 2 Days

Introduction

Flight data monitoring (FDM) can be a powerful tool for an aircraft operator to improve and monitor its operational safety. National Aviation Authorities (NAAs) of EASA Member States are responsible for the oversight of their national operators including their FDM programmes.

An effective Flight Data Monitoring Program enables an operator to identify, quantify, assess and address operational risks. The FDM process inherently belongs to the Safety Management System (SMS) of an airline. In addition it can be effectively used to support analysis of a range of airworthiness and operational safety tasks.

Flight Data Monitoring (FDM) is the pro-active use of digital flight data from routine operations in order to improve safety. In Europe, an FDM programme is mandatory for aeroplanes with a maximum certificated take-off mass (MCTOM) in excess of 27 000 kg and operated for commercial air transport.

Beyond this oversight function, NAAs should play a decisive role in coordinating a follow up through operators' FDM programmes of significant operational risks identified at the national or European level. Ultimately, this will promote an enhanced monitoring of these risks by each operator, and this potentially can contribute to the State Safety Programme with information derived from FDM programmes.

The course will be of particular interest to National Aviation Authorities and Flight safety personnel.

Who is this course for?

It is for National Aviation Authorities and Flight safety personnel. OPS nominated Persons, Flight Quality Audit Personnel, other interested persons with operational and flight safety experience

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

Understand the Integration of FDM within the Safety Management Framework

Ability to understand how to analyse data to help in the prevention of incidents and accidents. Data

Understand how to use data to identify potential risks and to modify pilot training programmes.

Be able to refine Risk Parameters and to modify Standard Operating Procedures (SOP)

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

Detailed Content / Topics - The following Subjects will be addressed

- Introduction
- Acronyms and Abbreviations
- Definitions
- Regulatory Requirements
- Objectives of an Operator's - FDM
- Flight Data Monitoring (FDM) Gap Analysis
- Integrating Flight Data Monitoring into the Safety Management System (SMS)
- How the Operator uses an FOQA /FDM Program - Benefits
- Implementing FOQA /FDM Program
- Flight Data Analysis Equipment & Software Requirements
- FDM Roles and Responsibilities within the AOC
- Developing FDM Procedures
- Establishing event trigger limits
- De-identifying Data
- How to Review Caution and Warning Events
- What Actions are Taken from the Cumulative Event Data

Ensuring Corrective Actions

Providing Effective Feedback

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Target Groups

National Aviation Authorities and Flight safety personnel. OPS nominated Persons, Flight Quality Audit Personnel, other interested persons with operational and flight safety experience.

Pre-Requisites?

Relevant experience within an Airlines Flight Ops. Flight Safety or Flight Quality Assurance Department.

Learning Objectives

To provide the delegates with a strong understanding of the regulatory requirements, operational processes and practical implementation of a FDM/FDA programme fully compliant with both EASA Regulations and ICAO SARPS.

What do People Say about Sofema Aviation Services Training?

"This training offers very good explanations of difficult topics."
"All aspect were useful, the examples were great."
"This training helped me to develop some new skills."
"The instructor is very resourceful and intelligent."
"Having a visual material helps a lot the learning process."

Duration

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

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