

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 programs.

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 proactive use of digital flight data from routine operations in order to improve safety. In Europe, an FDM program 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 programs of significant operational risks identified at the national or European level. Ultimately, this will promote enhanced monitoring of these risks by each operator, and this potentially can contribute to the State Safety Programme with information derived from FDM programs.

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

What is the benefit of the training?

- Understand the Integration of FDM within the Safety Management Framework
- Ability to understand how to analyze data to help in the prevention of incidents and accidents. Data
- Understand how to use data to identify potential risks and modify pilot training programs.
- Be able to refine Risk Parameters and modify Standard Operating Procedures (SOP)

tel + 359 2 821 08 06
email team@sassofia.com

www.sassofia.com

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

Detailed Content / Topics (the following subjects will be addressed)

Introduction to FDA/FOQA
Acronyms and Abbreviations
Definitions
EU-OPS and ICAO regulatory frameworks
Objectives of an Operator's – FDM (Principles and Processes)
Flight Data Monitoring (FDM) Gap Analysis
Integrating Flight Data Monitoring into the Safety Management System (SMS)
How the Operator uses a FOQA /FDM Program – Benefits
Implementing FOQA /FDM Program
Flight Data Analysis Equipment & Software Requirements
FDM Roles and Responsibilities within the AOC
Developing FDM Procedures
Data validation and assessment
Establishing event trigger limits (Target Events and Parameters)
De-identifying Data
How to Review Caution and Warning Events
What Actions are Taken from the Cumulative Event Data
Use of Statistics/Producing Reports
Incident Investigation and Special Projects
SMS and FDM/FDA
Database management
Ensuring Corrective Actions
Providing Effective Feedback
Legal Issues related to FDM/FDA
Demonstration of FDM Software
Operational, Engineering and Financial Benefits of a FDM/FDA Program

Target Groups

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

Learning Objectives

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

tel + 359 2 821 08 06
email team@sassofia.com

www.sassofia.com

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

Pre-Requisites

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

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 – 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.

tel + 359 2 821 08 06
email team@sassofia.com

www.sassofia.com

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