

EASA Part M Developing an Effective Reliability Program – 2 Days

Introduction

EASA requires an operator of large aircraft and when the Maintenance program is based on Maintenance Steering Group Logic (MSG) or on condition monitoring that the aircraft maintenance program shall include a reliability program. The purpose of a reliability program is to ensure that the aircraft maintenance program tasks are effective and their periodicity is adequate, in addition the reliability program may result in the escalation or deletion of a maintenance task, as well as the de-escalation or addition of a maintenance task.

This intensive 2 Day course is specifically aimed at organisational personnel who are required to actively control and deliver the aircraft reliability program. The training focuses on the gathering and processing of data. The display of Reliability Data and the way in which this data may be used to benefit the maintenance program.

Who is the Course for?

It is for persons who are involved in the technical management of Commercial Aircraft Maintenance (CAMO), In Particular Persons with responsibility for the Reliability function. Technical Engineering, Maintenance Planning, CAMO Quality Auditors, Technical Records as well as anyone with an interest to achieve an effective interface between the reliability function and other departments within the organisation.

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

- a) Understand the role of Reliability within the CAMO group
- b) Understanding how an effective reliability program can drive operational optimizations
- c) Develop enhanced awareness of warranty related benefits
- d) Consider the role of reliability driven Aircraft System and Vendor Service Bulletin implementation
- e) Be able to explain the purpose and operational functionality of the Reliability process within your organisation.

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Why Should I choose SAS for the training?

Sofema Aviation Services a Regulatory training and consulting company with 45 years commercial aviation experience and 13 years operational experience. Since we started we have provided certificates to approx 30,000 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!

What Makes SAS EASA Part M Developing an Effective Reliability Program training 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

- Abbreviations & Terms
- General Introduction to an Aircraft Reliability Program
- Measures of Reliability
- Operator Responsibilities
- Aircraft Maintenance Programme Reliability Compliance
- Managing External Information Sources
- Standard Deviation
- Alert Levels, Deviation
- The Benefits of an Effective Reliability Program
- Structure of the Reliability Program
- Understanding Strip reports and working with workshop data

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Detailed Content / Topics - The following Subjects will be addressed

Reliability Programme Administration
Reliability Auditing
Corrective Actions
Reliability Indicators
Indicators of Structural Reliability
Indicators of Aircraft Components Reliability
Engine Reliability Program (Engine Condition Trend Monitoring (ECTM))
Evaluation, Review and Changes

Target groups

CAMO staff involved in managing the Maintenance or Reliability programs, Reliability Staff and other staff with technical involvement in the Aircraft reliability processes.

Pre-requisites

A background in an aviation airworthiness environment.

Learning Objectives:

A reliability program provides an appropriate means of monitoring the effectiveness of the maintenance program. This training covers all elements required to ensure you achieve the maximum benefit from your Reliability Program.

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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 – each day will commence 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

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 office@sassofia.com



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