

Aviation Maintenance Human Factors (Recurrent) – 1 Day

Introduction

Today 80% of Aircraft Accidents and incidents are caused by Human Factor errors. Whether it is pilot error, maintenance error or Air traffic Control or other ground related causal factors, ultimately does not matter human error is human error. There is a deep understanding of the various causes of error after the event, the challenge is to understand before we have an incident or accident the risks and exposures which the organization faces.

So we know about the importance of Aviation Human Factors Training, but how to make a difference? As Aviation Maintenance Staff we should never loose site of the potential exposure to Human factors as depicted in the -"Dirty Dozen".

Recurrent Human Factors training is not only mandatory it is vital to ensure that we pay attention at all times to the need to address exposure to the potential errors which can occur within our maintenance environment. In addition we need to ensure that at all times we adhere to Human Factors principles and practices, moreover that such principles and behaviours are continuously applied.

This recurrent Human Factors course has been developed for staff who need to demonstrate ongoing compliance with mandatory HF training, as with all SAS training courses it is focused on the best organisation practices and is able to contribute to your successful HF training program.

The course is a highly participative and stimulates involvement and provides for powerful HF motivation and awareness. The aim is to update delegates regarding Human Factors.

The course meets the full intent of EASA 145 requirements (Initial human factors training should cover all the topics of the training syllabus specified in GM 145.A.30 (e))

By the end of this course, delegates will be able to explore the implications of error, the organisation's safety culture, its procedures and safety policy and methods of communication.

Who is this course for?

For anyone who wishes to engage with the aviation maintenance system or who has an organisational obligation to ensure completion of Initial Human Factors Training.

The training will also be of benefit for anyone who needs to understand, manage and support the need to fully engage with human interaction within the organisation.

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Date

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

Be able to demonstrate continuing compliance with EASA Part 145 A.30 Human Factor Training Requirements

Ensure a continuing in depth understanding regarding basic Aviation Human Factors concepts

Be able to consider Human Factors knowledge and integrate into key areas of aviation maintenance

Familiarise with key human performance issues relevant to Maintenance Operations

Be able to apply operational Human Factors knowledge to maintenance error investigations

Continue a strong Understanding of Human Factor Principles

Be able to consider human performance limitations as well as the potential impact on the daily routine

What Makes SAS Aviation Maintenance Human Factors (Recurrent) – 1 Day 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.

Why Should I choose SAS for the training?

Sofema Aviation Services is a Regulatory Training and Consulting company with 45 years of commercial aviation experience and 10 years operational experience. Since the start we have provided certificates to approx 25,000 delegates and we have grown for 2 primary reasons!

The first is that we are professional and we listen to our customers.

The second reason is a combination of outstanding course fees, together with a world beating discount program which leaves our competitors way behind – please do not take our word for it, [check it out!](#)

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Detailed Content / Topics - The following Subjects will be addressed

- General rules
- Regulatory Drivers for Error Management and Human Factors continuation training
- Organisation's safety culture and its effect on Human Factors issues in aviation maintenance
- Environment/Human Performance and Limitations and Just Culture
- Error reduction/mitigation - Understanding errors and violations
- Human error and error provoking behaviour - Considering personal culpability and organisational optimising violations
- Error Reporting and the role of MEMS to optimize our organisational HF system
- Procedures Tooling and access equipment
- Communication- Management and Supervision.

Target Groups

This course is aimed at :

- Post-holders, managers, supervisors;
- Certifying staff, technicians, and mechanics;
- Technical support personnel such as, planners, engineers, technical record staff;
- Quality control/assurance staff;
- Specialised services staff;
- Human factors staff/ human factors trainers;
- Store department staff, purchasing department staff;
- Ground equipment operators;
- Contract staff in the above categories.

The training will introduce the delegates to all elements of Aviation Human Factors with the intention of providing a better understanding of the subject and to find workable methods to improve standards and compliance. It's objectives are to recurrent the implications of error, the organisation's safety culture, its procedures and safety policy and methods of communication

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Pre-Requisites?

A background in an aviation environment.

Learning Objectives

The training will review and update the delegates to all elements of Aviation Human Factors With the focus on individual roles and responsibilities.

The Training focuses on the importance of safety culture and awareness with the intention of providing a better understanding of the subject and to find workable methods to improve standards and compliance. The training will add to the delegates existing knowledge about the better understanding of the subject and to find workable methods to improve standards and compliance.

To revisit the implications of error, the organisation's safety culture, its procedures and safety policy and methods of communication and to add a positive contribution to Quality and Safety within the Organisation.

Objectives also include deeper understanding regarding the implications of error, the organisation's safety culture, its procedures and safety policy and methods of communication.

Duration

1 day – The training will start at 09.00 and finish at 17.00, 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 office@sassofia.com

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



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