

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 lose sight 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.

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

www.sassofia.com

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

Who is the 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.

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

- a) Be able to demonstrate continuing compliance with EASA Part 145 A.30 Human Factor Training Requirements
- b) Ensure a continuing in depth understanding regarding basic Aviation Human Factors concepts
- c) Be able to consider Human Factors knowledge and integrate into key areas of aviation maintenance
- d) Familiarise with key human performance issues relevant to Maintenance Operations
- e) Be able to apply operational Human Factors knowledge to maintenance error investigations
- f) Continue a strong Understanding of Human Factor Principles
- g) Be able to consider human performance limitations as well as the potential impact on the daily routine

Detailed Content / Topics - The following Subjects will be addressed

- Introduction
- Contents
- Why Human Factors?
- Top 12 Precursors
- Error Models

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Detailed Content / Topics - The following Subjects will be addressed

- Landmark Incidents and Accidents
- Case Study
- Statistics
- Safety Culture and Organisation Factors
- Types of Violation
- Types of Error
- Challenges To Delivering an Effective MEMS
- Human Performance and Limitations
- Information Processing
- Sleep Fatigue and Shift Work
- Stress
- Physical & Non – Physical Limitations – Motivation and De-motivation
- Team work Concepts
- Our Environment

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.

Certificate Wording

The Application of Human Factors and Human Performance Issues and Principles in Aviation. To Raise Awareness of all Organisational Elements which deliver a Safe Working Environment, free from Errors. Considering Human Factors in Our Own Lives and the Role we Play in the Workplace. "IAW EASA GM1 145.A.30(e)"

What do People Say about Sofema Aviation Services Training?

*"I found satisfying answers to all my questions."
"The instructor demonstrated very deep knowledge of the subject."
"The length of the course fit my needs and expectations."
"The content was really effective, I gained a lot of new knowledge."
"The practical examples were perfectly delivered."*

Duration

1 day – 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

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