

Aviation and Maintenance Human Factors (Initial) – 2 Days

Introduction

People are at the core of our aviation system and the need to remain aware of the potential for human error driven exposure is ever present.

We must strive to ensure we are able to deliver a strong human performance to protect both the person and the system.

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.

So we know about the importance of Aviation Human Factors Training, but how to make a difference?

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.

We need to effectively manage human factors within the organization, to do so we need to address the risks and exposures, all threats need to be understood and mitigation put into place to address them.

The course is a highly participative and stimulates involvement and provides for powerful HF motivation and awareness. The aim is to give delegates a full introduction to Aircraft Maintenance 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).

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

Who is this training 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?

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

Achieve an 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.

Achieve a strong Understanding of Human Factor Principles.

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

Day 1

- Abbreviations
- Introduction
- Contents
- Why Do We Have Human Factors Training ?

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Detailed Content / Topics - The following Subjects will be addressed

- Top 12 Precursors
- Error Models
- Landmark Incidents and Accidents – Human Factor Related
- Statistics
- Safety Culture and Organisation Factors
- Types of Violation
- Types of Errors and Strategies
- Human Performance and Limitations
- Information Processing
- Fatigue Risk Management Systems

Day 2

- Sleep Fatigue and Shift work
- Stress – Causes and Symptoms
- Physical & Non – Physical Limitations – Motivation and De-motivation
- Procedures Information and Practices
- Communication
- Team work – Concepts
- Safety Behaviour and SMS
- Considering the Organisation’s Human Factors Program
- Critical maintenance tasks and error-capturing methods
- Environment

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Target Groups

- 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.

Pre-requisites

A background in an aviation environment.

Learning Objectives

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. The training will give the delegates a better understanding of the subject and to find workable methods to improve standards and compliance.

What do People Say about Sofema Aviation Services Training?

"Very effective, useful and informative training."

"Absolutely perfect examples and clear for understanding training."

"The instructor has excellent teaching skills and was sharing personal experience"

"Very effective, useful and informative training."

"All the practical examples provided during the training were useful."

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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



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