

EASA Part CAMO Safety & Human Factor Training Requirements (Initial) – 3 Days

Introduction

Effective 24 March 2020 EASA with the introduction of Part CAMO has created a requirement for Initial and Recurrent - Integrated Safety & Human Factors Training.

By September 2021 all European CAMO Organisations should transition to Part CAMO and will need to demonstrate mandatory compliance with Safety & Human Factor Training In Accordance with GM2 CAMO.A.305(g) This Course satisfied the initial training obligations related to Safety Management Systems within a CAMO environment with due consideration to Human Factors.

With SMS we have a set of regulations, which allow the Industry to establish best-practice that fits different cultures and place the main emphasis and duty on improving safety performance.

This requires a real "team effort" as regulators and airlines are all part of one large system.

Working as a team it will be possible to improve an already highly impressive safety record and allow organisations to conduct more of their own oversight and assurance.

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.

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 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 Part CAMO Requirements (Initial SMS & human factors training should cover all the topics of the training syllabus specified in GM2 CAMO.A.305(g) The training will introduce the delegates to all elements of Aviation Safety Systems & Human Factors with the intention of providing a better understanding of the subject and finding workable methods to improve standards and compliance.

Its objectives are to consider and understand 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	Basic
Price	On Demand

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

- a) Be able to demonstrate compliance with EASA GM2 CAMO.A.305(g) and SMS & Human Factor Training Requirements
- b) Achieve an in-depth understanding of basic Aviation Safety Concepts
- c) Be able to consider Human Factors knowledge and integrate it into key areas of aviation Safety Maintenance
- d) Familiarise with key human performance issues relevant to Maintenance Operations
- e) Achieve a strong Understanding of Safety & Human Factor Principles
- f) Be able to consider human performance limitations as well as the potential impact on the daily routine

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 SMS & 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.

Detailed Content / Topics - The following Subjects will be addressed

Day 1

Introduction
Contents
Abbreviations & Definitions

1 General/Introduction to Safety Management and HF

- 1.1 Need to address safety management and HF
- 1.2 Statistics
- 1.3 Incidents (Incidents Attributable to Human Factors/ Human Error)
- 1a. Safety Risk Management
 - 1a.1. Hazard identification & 1a.2. Safety Risk Assessment
 - 1a.3. Risk Mitigation and Management
 - 1a.4. Effectiveness of Safety Risk Management

2 Safety Culture/Organisational Factors

- 2.1 Justness/Trust
- 2.2 Commitment to safety
- 2.3 Adaptability
- 2.4 Awareness
- 2.5 Behaviour
- 2.6 Information

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3 Human Error

- 3.1 Error Models and Theories
- 3.2 Types of Errors in continuing airworthiness management and maintenance tasks
- 3.3 Violations
- 3.4 Implications of Errors
- 3.5 Avoiding and managing errors
- 3.6 Human Reliability

Day 2

4 Human Performance & Limitations

- 4.1 Vision
- 4.2 Hearing
- 4.3 Information-processing
- 4.4 Attention and Perception
- 4.5 Situational awareness
- 4.6 Memory
- 4.7 Claustrophobia and physical access
- 4.8 Motivation & Demotivation
- 4.9 Fitness/Health
- 4.10 Stress
- 4.11 Workload management
- 4.12 Fatigue (Sleep, Fatigue & Shift Work)
- 4.13 Alcohol, medication, drugs
- 4.14 Physical work
- 4.15 Repetitive tasks/Complacency

5 Environment

- 5.1 Peer pressure
- 5.2 Stressors
- 5.3 Time Pressure and Deadlines
- 5.4 Workload
- 5.5 Shift work
- 5.6 Noise and Fumes
- 5.7 Illumination
- 5.8 Climate and temperature
- 5.9 Motion and vibration
- 5.10 Complex systems
- 5.11 Other Hazards in the Workplace
- 5.12 Lack of manpower
- 5.13 Distractions and Interruptions

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Day 3

6 Procedures, Information, Tools, and Practices

- 6.1 Visual inspection
- 6.2 Work logging and recording
- 6.3 Procedure — practice/mismatch/norms
- 6.4 Technical documentation — access and quality

7 Communication

- 7.1 Shift/Task Handover
- 7.2 Dissemination of Information
- 7.3 Cultural differences

8 Teamwork

- 8.1 Responsibility
- 8.2 Management, supervision and Leadership
- 8.3 Decision-making

9 Professionalism and integrity

- 9.1 Keeping up to date; currency
- 9.2 Avoiding error-provoking behavior
- 9.3 Assertiveness

10 Organisation's Safety Programme

- 10.1 Safety Policy and objectives, just culture principles
- 10.2 Reporting errors and hazards, internal safety reporting scheme
- 10.3 Investigation process
- 10.4 Action to Address Problems
- 10.5 Feedback and Safety Promotion

Target Groups

Accountable Executives, Post-holders, Continuing Airworthiness Managers, Planning Staff, Technical Records, Reliability, Engineering, Quality Assurance Staff, The Course will also be of interest to various stakeholders including Airworthiness Authorities

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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 understanding of the subject and to find workable methods to improve standards and compliance. organization's safety culture, procedures and safety policy, and methods of communication. The training will give the delegates a better

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

3 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

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