

EASA Part 66 – Module 9 – Human Factors Training for Foreign Part 145 Approval Holders – 3 Days

Introduction

Module 9 Human Factors aims at providing an understanding of the role of human factors in the complex system in the aviation field.

This course has been specifically developed to meet the needs of both Aircraft Certifying Staff & Component Certifying Staff

This is a Human Factor Training that fully engages with the delegates, provides a significant benefit to both the individual and the organization.

This course is specifically designed to provide delegates with a comprehensive awareness of Human Factor exposures and comply fully with the objectives of EASA Foreign Part-145 approval holders

The material is specifically developed to meet the needs of Aircraft Certifying Staff & Components, Engines, and APU Certifying Staff. In accordance with the requirements of EASA document UG.CAO.00126-003 and UG.CAO.00121-004

To share the responsibility of everyone in the system to pay maximum attention to Human Factors exposure in the workplace.

The Human Factor field has become very popular because the civil aviation industry became aware of the fact that most aviation accidents and incidents are determined more often by human error than by technical fault.

Who is the course for?

This course is suitable for Licensed Aircraft Engineers who are essential to maintain the global aviation industry. Employment in the field of aviation offers the potential of a wide and varied career with an attractive salary.

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www.sassofia.com

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) On completion of the module you will be able to sit a multiple-choice exam and on passing it, will receive a certificate.
- b) The course is focused on discussing the key elements in order to understand human performances and limitations and all the factors that can determine a certain behavior (the Dirty Dozen).
- c) The main objective of the course is to increase the aircraft maintenance technicians' awareness regarding the consequences that their actions have on safety.
- d) As a result, aircraft maintenance technicians that have properly studied human factors will become more responsible in performing the tasks at their workplace and this will lead to risk mitigation.

Detailed Content / Topics - The following Subjects will be addressed

Day 1

- Introduction
- Abbreviations

1. General

- The need to take human factors into account
- Incidents attributable to human factors/human error
- 'Murphy's' law

2. Human Performance and Limitations

- Vision
- Hearing
- Information processing
- Attention and perception
- Memory
- Claustrophobia and Physical Access

3. Social Psychology

- Responsibility: individual and group
- Motivation and demotivation
- Peer pressure
- 'Culture' issues
- Team working
- Management, supervision, and leadership

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Day 2

4. Factors Affecting Performance
- Fitness/health
 - Stress: domestic and work-related
 - Time pressure and deadlines
 - Workload: overload and under load
 - Sleep and fatigue, shift work
 - Alcohol, Medication, and Drug Abuse

5. Physical Environment
- Noise and fumes
 - Illumination
 - Climate and Temperature
 - Motion and Vibration
 - Working Environment

6. Tasks
- Physical work
 - Repetitive tasks
 - Visual inspection
 - Complex systems

Day 3

7. Communication
- Within and Between Teams
 - Work Logging and Recording
 - Keeping up to Date, Currency
 - Dissemination of Information
8. Human Error
- Error Models and Theories
 - Types of Error in Maintenance Tasks
 - Implications of Errors (i.e. Accidents)
9. Hazards in the Workplace
- Recognising and Avoiding Hazards
 - Dealing with Emergencies
 - Avoiding and Managing Errors

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Target Groups

EASA Regulated Aircraft Maintenance is interesting and highly professional moreover Licensed Aircraft Engineers are essential to maintain the global aviation industry. Employment in the field of aviation offers the potential of a wide and varied career with an attractive salary.

Pre-requisites

No previous knowledge is assumed and this course is aimed at entry-level persons who are wishing to obtain their AMEL.

Learning Objectives

This program is intended to provide detailed guidance support and understanding to enable you to pursue an EASA Part 66 Aircraft Maintenance Engineers License (AMEL) as a "self-starter" – Means you are working through the various options which provide a self-study route to obtain your AMEL qualification.

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

2 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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