



TRAINING COURSE DETAILS

Human Factors in Aviation Maintenance "Train the Trainer" – 4 Days

INTRODUCTION

EASA Part 145 Organisations should ideally take full control of the Human Factor Train the Trainer (HFTTT) program which effectively means ensuring the training program content is managed and meets the organisations objectives. The most effective HF Training program will include content derived from the maintenance error management System (MEMS) and will typically integrate the human factors training within the framework of the organisations existing SMS.

Human Factors Training has been mandatory since 2006 for all Part 145 Organizations. It is generally accepted that the most effective HF training, is training which takes into full account specific organizational issues, and has a direct connection with the Quality and Safety System of the organization.

The course is highly practical, and promotes best training practices. It is an industry specific four-day program specifically designed for those who need to manage, or deliver Human Factors Training. The HFTTT course stimulates involvement and provides for powerful motivation. To also introduce the delegate to training skills and to provide the confidence which can be developed to deliver effective Human Factors Training within your organizations.

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, having your own instructor and instructional methods will directly support this objective.

When the organisation has in house capability to deliver HF training a range of options is created which for example acknowledges that the HF exposure created by the role of Manager or Supervisor is quite different to that experienced by a Line Maintenance Engineer or a component workshop mechanic. With your own HF Training Instructor it is possible to develop multiple courses to better meet the organisation's needs.

The course is specifically designed to provide a comprehensive understanding of the requirement for effective Human Factors Training and build competence with the goal of ensuring that the trainer has the appropriate material to be able to deliver the training in an effective and clear manner, to be able to motivate and to facilitate debate and discussion.

Date

On Demand

Venue

Category

Personal Development

Price

On Demand

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Who is the course for?

The course is primarily focused on the needs of the 145 Instructor to be compliant with the obligation to complete Instructional Techniques Training.

The course will also be of interest to persons who are interested in becoming Aviation Technical Instructors (EASA Part 145) or wishing to hone existing skills.

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

- a) Develop the competence to implement and manage your organisations HF Program
- b) Understand how to promote a human factor driven approach to safety
- c) Develop your specific Human Factors awareness and competence as a HF trainer providing support for a positive Safety Culture
- d) Be able to motivate the workforce using soft skills that complement your technical competency
- e) Understand the most effective delivery methods for Human Factor Training
- f) Be able to communicate effectively the human causes of error and an understanding regarding a proactive approach to the avoidance and mitigating of errors.
- g) Be able to facilitate In-company Human Factors and Maintenance Error Management workshops

Why Should I choose SAS for the training?

Sofema Aviation Services a Regulatory training and consulting company with 45 years commercial aviation experience and 10 years operational experience. Since we started we have provided certificates to approx 15,000 delegates we have grown for 2 primary reasons!

The first is that we are professional and we listen to our customers. Please visit our download area as an example of how we engage with our customer [Download Area](#).

The second is not only the fact that our prices are far more cost effective than our competitors it is that our discount program leaves all the others way behind – please do not take our word for it check it out! [SAS Discount Program](#)

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What Makes SAS Human Factors in Aviation Maintenance “Train the Trainer” Training Different?

With more than 20 years’ experience of Human Factors Training (Pre Dating EASA Regulatory requirements by more than 10 years together with a further 10 years of operational experience. We have a deep understanding of both the organisational challenges as well the cultural barriers and our focus is on understanding and promoting effective organisation driven solutions.

At Sofema Aviation Services our focus has always been on accepting that compliance with EASA Regulations is in fact minimum compliance. Our experience allows us to demonstrate a practical and down to earth approach helping you to build resilience into your HF training Program.

We see HF Training for Trainers as an opportunity to develop optimized communication and improved business processes leading to positive culture building behaviours throughout the organisation. Our experience allows us to demonstrate a practical and down to earth approach helping you to build resilience into your HF training Program.

Detailed Content / Topics - The following Subjects will be addressed

Day 1

- Why do we have Human Factors Training?
- Background to Human Factors
- General Introduction to Requirements
- The Dirty Dozen - Top HF Precursors
- The Challenges of Providing Human Factors Training to an Adult Group
- Trainer Personal Development & Coaching
- Delivering Effective Human Factors Aviation Training – Personal Considerations

Day 2

- Creating a Positive Learning Atmosphere
- The HF Trainers Learning Path
- Understanding the role of Extrinsic & Intrinsic Motivation
- Communicating / Giving Feedback
- Speaking in Public – Developing your skills
- Balancing Presentation, Motivation Debate & Discussion
- Non Verbal Communication
- The use of case studies

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Detailed Content / Topics - The following Subjects will be addressed

Day 3

- The Relationship between Human Factors and Safety Management
- Safety Culture and Effective HF Training
- Human Factors the Safety Cycle and Risk Assessment
- Error, Violations, Blame & Culpability
- Error Models
- Presenting Incident to Accident Data

Day 4

- Relationship Management
- Teaching Styles - Deductive or Inductive?
- Regulatory requirements for an EASA 145 Compliant HF training Program
- Developing your Organisation Human Factors Training Program
- Developing the HF Lesson Plan
- Your Own Presentation

Target groups

This course will be of very significant benefit to potential Human Factors trainers who need to have the necessary competence to deliver effective Human Factor Training.

Training Department Managers and other Training staff will also benefit from attendance at this course.

Pre-requisites

A background in an aviation maintenance environment. No previous experience of auditing or the Quality Manager's function is necessary.

You should have already attended several Human Factor training courses.

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Aviation services



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Learning Objectives

After attending this course, participants should be able to develop a company specific comprehensive Human Factors Training program compliant with Part 145 HF requirements for both Initial and recurrent training.

Duration

4 days - each day will commence at 09.00 and finish at 17.30, 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

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