

Train The Trainer Electrical Wiring Interconnect System (EWIS) - 2 Days

Introduction

Important Note - This course is supplemental to a Generic Aviation Train the Trainer course which should be taken as a prerequisite.

The origins of the requirement for EWIS Training go back to a number of incidents that have had a catastrophic effect on the industry with instances of in-flight smoke and fire events in which contaminants were ignited by electrical faults which allowed a fire to be sustained and spread. Considerable research was conducted by The FAA and the National Transportation Safety Board (NTSB) together with the European Stakeholders.

The outcomes were conclusive and determined the specific need for EWIS Training.

This course aims to provide a comprehensive understanding of the requirement for effective EWIS Training and provides a thorough grounding in effective techniques to enable your nominated EWIS trainer to deliver appropriate training within your organization.

The course is highly practical and promotes best training practices. It also recognizes that while much commonality exists in these two subjects, EWIS training for groups 1 & 2 is very specific and relevant to the company fleet. It is an industry-specific two-day program specifically designed for those who need to manage or deliver FTS and or EWIS Training.

Electrical Wiring Interconnect System EWIS Training was issued as an EASA requirement in the summer of 2008. There is much confusion across the industry as to the requirements to comply with the need for training EWIS within the Part 145 and Part M environment. AMC 20-22 makes it very clear as to the requirements that are to be complied with to ensure the organization remains in conformity with EASA regulatory requirements. Ultimately in accordance with the terms of the approval issued to Operators and MROs, it is the Operator's and Maintenance Organisation Responsibility to comply with the requirements of Electrical Wiring Interconnect Systems working practices and procedures including specifically EWIS training.

The course is highly participative and it stimulates involvement and provides for powerful motivation. To introduce the delegate to training skills and to provide the confidence that can be developed to deliver effective EWIS Training within your organizations.

There will be ample opportunity to practice presenting & speaking throughout the course and you will have the opportunity at the end of the training to deliver your own presentation – between 10 to 20 minutes.

Discuss the following –

What is Positive Feedback?

What is Negative Feedback?

For the duration of this course let's focus on the importance of providing positive feedback!

This course is a Train the Trainer course it is not a replacement for the requirement for EWIS training rather it is intended to prepare the Trainer for training within their own organizations.

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

- a) Understanding the structure, composition and impact of EASA Part 147 & Part 66 Regulations
- b) Considering the need for EASA 145 Organisation Training
- c) Understand the Adult Learning Experience – Andragogy
- d) Understand the best use of instructional tools and techniques to enhance instruction
- e) Understand techniques to optimize and deliver practical presentations
- f) Focus on the development of your communication skills.
- g) Learn how to create a lesson plan that incorporates the range of learning activities
- h) Developing effective visual aids and supporting materials
- i) Developing Course Material and delivering an effective Training Needs Analysis
- j) Learn how to motivate participants and to maintain attention
- k) How to ensure participants active involvement throughout the training.
- l) Consider group learning and collaborative learning techniques.
- m) How to manage difficult students and topics

Who is the course for?

The course is primarily focused on the needs of the EASA Part 145 and EASA Part 147 Instructors to be compliant with the obligation to develop and deliver In-Company EWIS Training Courses. The course will also be of interest to persons who are interested in becoming Aviation Technical Instructors (Both EASA Part 147 and EASA Part 145) or who wish to hone existing skills.

Detailed Content / Topics - The following Subjects will be addressed

EWIS Training General Introduction
Abbreviations
Terminology
Understanding Our Training Objectives
The EWIS Trainers Learning Path
Regulatory Background to EWIS
Why Do We Have EWIS Training?
Top 10 EWIS Risks & Failures (A Practical Guide for Aviation Maintenance Personnel)
The Use of Case Studies – Presenting Workplace EWIS Issues
EWIS Training SMS Considerations within Your Company Culture
Establishing Organisational Competencies in Support of EWIS
Developing and Delivering Training Related to EWIS Procedures
Performing an EWIS Inspection
Developing your Organizational EWIS Training Program
Practical Exercise to Deliver Theoretical FTS Training
Development of Continuation Training
The Need for Practical EWIS Training – How to Manage?
Assessing Practical Trainee Competence
Debrief & Close Out

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Target Groups

This course will be of very significant benefit to current and potential Trainers who need to have the necessary competence to deliver effective EWIS 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. The delegate should have attended an Instructor Skills Course prior to attending this course.

Learning Objectives

- To provide a comprehensive understanding of the regulatory requirements for effective EWIS training.
- To provide a thorough grounding in effective techniques to enable you to deliver appropriate EWIS training.
- To promote best training practices and motivation within your organization.
- To recognize that EWIS training for groups 1 & 2 is very specific and relevant to the company fleet.
- To introduce the delegate to training skills and to provide the confidence that can be developed to deliver effective EWIS Training.
- Dealing with and following up audit findings – Root cause and integration with SMS.
- An essential element to ensure you will benefit from this training is to focus on the issues, how they relate to our workplace, and what we need to do to address them.
- How to identify areas which need special attention and how to focus our efforts on making sure our trainings deliver in all relevant areas.
- The intention of this training is not to tick the regulatory box but to identify the significant issues that need to be addressed.

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What do People Say about Sofema Aviation Services Training?

"This training offers very good explanations of difficult topics."

"All aspects were useful, and the examples were great."

"This training helped me to develop some new skills."

"The instructor is very resourceful and intelligent."

"Having a visual material helps a lot in the learning process."

Duration

2 days – Each training day will 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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