

# 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 which 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 stimulates involvement and provides for powerful motivation. To introduce the delegate to training skills and to provide the confidence which can be developed to deliver effective EWIS Training within your organizations.

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. Attendees will have an opportunity to purchase a license to permit in-company training of the following courses.

SAS Fuel Tank Safety 1 Day Phase 2  
SAS EWIS for groups 3 to 8 1 Day  
SAS EWIS for groups 1 & 2 3 Days

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[www.sassofia.com](http://www.sassofia.com)

<b>Date</b>	On Demand
<b>Category</b>	Personal Development
<b>Venue</b>	On Demand
<b>Level</b>	Basic
<b>Price</b>	On Demand

## 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 wishing to hone existing skills.

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

- a) Understand the structure, composition, and impact of EWIS Regulatory Requirements
- b) Understand the best use of instructional tools and techniques to enhance instruction
- c) Understand techniques to optimize and deliver practical presentations
- d) Focus on the development of your communication skills.
- e) Developing effective visual aids and supporting materials
- f) Learn how to motivate participants and maintain attention
- g) How to ensure participants' active involvement throughout the training.
- h) Consider group learning and collaborative learning techniques.

## Detailed Content / Topics - The following Subjects will be addressed

- Abbreviations & Terminology
- Understanding Our Training Objectives .....and More
- Regulatory Background to EWIS
- Why do we have EWIS Training?
- The Use of Case Studies – Presenting Workplace EWIS Issues
- Delivering EWIS Training within your Company Culture
- Establishing Organisational Competencies in support of EWIS
- Developing and Training EWIS Procedures
- Developing your Organizational EWIS Training Program
- Practical Exercise to Deliver Theoretical EWIS Training
- Development of Continuation Training
- The need for Practical EWIS Training – How to Manage?

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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 requirement for effective EWIS training and to allow delegates To recognize that EWIS training for groups 1 & 2 is very specific and relevant to the company fleet. The delegate will understand the requirements to deliver training to all EWIS Groups

The course will introduce the delegate to training skills and provide the confidence which can be developed to deliver effective EWIS Training that will satisfy the various requirements.

## 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](mailto:team@sassofia.com) or Call +359 28210806

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