

# SOFEMA

Aviation services

Aviation Regulatory Experts



TRAINING COURSE DETAILS

## EWIS for Groups 1-2 – 2 Days

### INTRODUCTION

The origins of the requirement for EWIS Training go back to a number of incidents which 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 Stake holders. The outcomes were conclusive and determined the specific need for EWIS Training. Electrical Wiring Interconnect System EWIS Training was issued as an EASA requirement in the summer of 2008.

There is much confusion across 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 organisation remains in conformity with EASA regulatory requirements. Ultimately in accordance with the terms of the approval issued to Operators and MRO's It is the Operators and Maintenance Organisation Responsibility to comply with the requirements of Electrical Wiring Interconnect Systems working practices and procedures including specifically EWIS training.

Sofema Aviation Services is pleased to offer a 2 Day in company Training to allow you to manage and deliver your own EWIS training to ensure compliance with the requirements of AMC 20-22. The Full EWIS Electric Wiring Interconnect System training is specifically targeted for Groups 1 and 2 and covers a detailed understanding of the specific requirements. Effective: 05/09/2008 Ref AMC 20-21 AMC 20-22 AMC 20-23 Annex III to ED Decision 2008/007/R of 29/08/2008.

### 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.

#### Date

On Demand

#### Venue

#### Category

Personal Development

#### Price

On Demand

t + 359 2 821 08 06  
e [office@sassofia.com](mailto:office@sassofia.com)

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



## 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 to maintain attention
- g) How to ensure participants active involvement throughout the training.
- h) Consider group learning and collaborative learning techniques

## Why should I choose SAS for this 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.

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!

## What Makes SAS EWIS for Groups 1-2 - 2 Days Different?

Because our courses are written by people who have lived through the regulations. The author of the training material has more than 25 years' experience as an auditor across the entire regulatory spectrum.

At Sofema Aviation Services our focus is on accepting that compliance with Regulations is in fact minimum compliance. Interpreting the regulations in a way which enables the development and optimisation of our business is where we should see opportunity to drive efficiencies and cost saving.

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

- Introduction
- Acronyms
- Terminology
- EWIS Background
- Swissair 111 / BA 737-436, G-DOCH
- AMC 20-21
- Inspection of EWIS
- Development of EWIS Inspection
- AMC 20-8 - Mandatory Reporting
- EWIS EZAP
- Standard Practices
- ESDS
- Tools Special Tools & Equipment
- Calibration & Certification Tools & Equipment
- Wiring Checks and TSM (Trouble Shooting Manual)
- Using Meters
- LRU Replacement General Practice
- Wiring Practice Documentation
- Minimum ESWPM Content
- Inspection
- Human Factors
- Zonal Inspection and Levels
- EWIS Areas of Concern
- Housekeeping
- Identification of Wiring
- Inspection of Wiring
- Development of Continuation Training
- Inspection and Repair of Connective Devices

## Target groups

This Training is specifically aimed at Target Groups 1 and 2 personnel who perform EWIS inspection and Personnel who perform EWIS maintenance

## Pre-requisites

A background in an aviation environment.

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## TRAINING COURSE DETAILS

### Learning Objectives

After attending this course, participants should be able to understand of the specific requirements, having in mind that it is required to develop this training further within its organisation particular to reflect the organisation's aircraft types and wiring practices.

### Duration

2 days – Each day will commence at 09.00 and finish at 17.00, with appropriate refreshment breaks.

To register for this training, please email [office@sassofia.com](mailto:office@sassofia.com) or Call +359 28210806

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