

TRAINING COURSE DETAILS



Aviation Regulatory Experts



EWIS Recurrent for Groups 1-2 – 1 Day

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 3 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. please contact SAS at office@sassofia.com

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

Detailed Content / Topics - The following Subjects will be addressed

The key topics of the course are:

- Introduction
- Acronyms
- Terminology
- EWIS Background
- Swissair 111 / BA 737-436, G-DOCH
- AMC 20-21
- Inspection of EWIS
- Development of EWIS Inspection

Date

On Demand

Venue

Category

Personal Development

Price

On Demand

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TRAINING COURSE DETAILS

SOFEMA

Aviation services



Aviation Regulatory Experts



- 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

If you wish this training and guidance support can be developed to allow you to develop the internal delivery of a fully compliant EWIS program this may include provision of In Company Training material and a licence to allow you to deliver the material within your own organisation.

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.

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

1 day – The training will commence at 09.00 and finish at 17.00, with appropriate refreshment breaks.

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