



Fuel Tank Safety & Electrical Wiring Interconnection Systems

– Combined Initial Training

Preamble

History and previous accidents have shown that wiring has to be considered a system and more focus has to be given to its maintenance. By its nature there are some overlap between the topics of Fuel Tank Safety (FTS) and Electrical Wiring Interconnection Systems (EWIS) – combining the training will save time and enhance staff motivation.

Compliance

The need for Initial training and subsequent Continuation training every second year originates from

-Fuel Tank Safety: Part 145 AMC3 145.A.30(e) and Appendix IV to AMC 145.A.30(e)

-EWIS: Part 145 AMC4 145.A.30(e) and AMC 20-22

This course is compliant with the requirements for FTS Level 1+2 and EWIS group 1+2 and Initial Training (modules A to F – theoretical training only)

Who should attend this course?

Maintenance staff in these categories:

- Support Staff
- Certifying Staff
- Component Certifying Staff
- Managers
- Airworthiness Review Staff

Prerequisites

Holding any of the position mentioned above.

Objective

After completing the course, the student will be aware of the reason for introducing the FTS and EWIS concept. He will be aware of common problems that can be encountered when working on these systems and how and where to obtain and use maintenance data relevant for work on these systems.

Course Content

- Historic accidents
- SFAR 88 and efforts to increase Fuel Tank Safety
- The concept of Electrical Wiring Interconnection System
- Typical wiring damages
- Examples of requirements for inspections
- Examples of maintenance data
- Identification of wiring
- Troubleshooting and repair of wires
- Safety precautions for staff.

Other Information

Duration: 1 day

Price: Please ask for quotation

Included: Certificate upon completion

The courses can also be delivered on-site, send us an inquiry for a specific proposal.

We can also provide:

- continuation training in this topic;
- EWIS Module G Practical Training

Please contact us for course schedule, availability and pricing at INFO@aeroteam.dk