BUTTERFLY TRAINING



Electrical Wiring Interconnect System (EWIS) Target Group 4 & 5 – Initial

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EWIS4-5-I-EN

Description

Electrical Wiring Interconnect System (EWIS) Target Group 4 & 5 – Initial

Aviation Accident Investigators have specifically cited the need for improved training of personnel to ensure adequate recognition and repair of potentially unsafe aircraft wiring conditions. This Online training will greatly enhance the awareness with regard to the importance of EWIS safety as concerns the overall safe operation of aeroplanes.

Duration: 5 hours

Program:
A – GENERAL ELECTRICAL WIRING INTERCONNECTION SYSTEM PRACTICES
1. Safety practices
2. Electrostatic discharge sensitive (ESDS) device handling and protection
7. LRU replacement general practices
C – INSPECTION
13. General visual inspection (GVI), detailed inspection (DET), special detailed inspection (SDI), and zonal inspection, and their criteria and standards
14. Human factors in inspection
15. Zonal areas of inspection
16. Wiring system damage
D – HOUSEKEEPING
17. Aeroplane external contamination sources
18. Aeroplane internal contamination sources
19. Other contamination sources
20. Contamination protection planning
21. Protection during aeroplane maintenance and repair
22. Cleaning processes
E – WIRE
27. Typical damage and areas found (aeroplane specific)
31. Electrical bonding and grounds

Target Group: The training program is aimed at the personnel who are not directly involved in the maintenance and inspection of EWIS, identified as (i.a.w. AMC 20-22): Target groups 4 & 5 - Personnel Performing General Maintenance/Inspections Not Involving Wire Maintenance and Personnel Performing Other Engineering or Planning

Work on In-Service Aircraft

Validity: 2 years

Exam conditions

MCQ

Certification

A certificate will be issued at the end of the training course.