

## **ELECTRICAL WIRING INTERCONNECTIONS SYSTEM TRAINING COURSE:**

### **Description:**

- EASA (European Agency for Safety of Aviation) regulations Decision 2008-007-R - Annex II - AMC 20-21/ Programme to enhance aero plane Electrical Wiring Interconnection System (EWIS) maintenance, Decision 2008-007-R - Annex III - AMC 20-22, Decision 2008-007-R - Annex IV - AMC 20-23
- Maintenance organizations and persons performing modifications or repairs, will need to rethink their current approach to maintaining and modifying airplane wiring and systems. This may require more than simply updating maintenance manuals and work cards and enhancing training. Maintenance personnel need to be aware that airplane EWIS should be maintained with the same level of intensity as any other system in the aero plane. They also need to recognize that visual inspection of wiring has inherent limitations. Therefore, effective wiring maintenance combines visual inspection techniques with improved wiring maintenance practices and training.
- The objective of this EWIS training programme is to give operators, holders of TC, holders of STC, maintenance organizations and persons performing field approval modifications or repairs a course strictly compliant with EASA recommended training programme.

### **Objectives:**

- 1 – Remind the regulatory context of EAPAS/EWIS requirements (US & Europe)
- 2 – Explain what is EWIS and the related impacts
- 3 – Allow exchange and discussion on this topic

### **Content**

- Introduction
- Regulatory Context
- EWIS Definition
- Illustrations
- EWIS ICA
- Modules
- Practices
- A – general electrical wiring interconnection system practices
- B – wiring practices documentation
- C – inspection
- D – housekeeping
- E – wire
- F – connective devices
- G – connective device repair

**Duration:** English 4 days (24 hours)

**Instructor:** AFC EWIS expert

Mr Frank BANNER, appointed EWIS training instructor of Air France Consulting or Mr Jean Marc JHIGAI or Mr Jean Pierre PIRIS

**Prerequisites:** basic knowledge of maintenance especially electrical systems

**Public:** all staff involved in maintenance and/or engineering related to electrical wiring interconnections systems