

## TRAINING COURSE

# EWIS Part-21

## Introduction

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On 5th Sept. 2008, the European Aviation Safety Agency issued a revised certification standard for large aircraft, CS-25, Amendment 5. CS-25 today contains the consolidated outcome to NPA 2007-01 in regards to the "Aeroplane Electrical Wiring Interconnection System (EWIS)" requirements as an outcome of the Enhanced Airworthiness Program for Airplane Systems (EAPAS).

This amendment requires TC Holders and applicants for STCs, TCs or restricted TCs to comply with the new requirements in regards to EWIS.

An evaluation for the need to revise or amend the Instruction for Continued Airworthiness (ICA) must be done whenever new or modified wiring is installed, or the installation potentially interfere with existing wiring on the aircraft. Therefore it should be noted that the training is necessary not only for companies involved in the installation of electrical or electronical systems but also to organisation designing mechanical changes or structural repairs.

The training will provide hands on training for EWIS ICA analysis in regards to AMC 20-21, CM-ES-002 and AC25-27A as well as the compliance finding to Subpart H of CS-25 and related guidance material such as AC25.1701-1.

This training provides guidance for personnel directly involved in the Certification Work of alterations to large aircraft and provides examples of certification efforts to be done for a MAJOR, Non-Significant change (STC), as well as an example project with Analysis for additional/amended ICA.

### COURSE DURATION

1 Day: 09:00 - 17:00 hrs.

### TARGET GROUP

This training is targeted at persons who are involved in the development of alterations to aircraft which potentially affect EWIS existing or being newly installed.

Read more about the course Content, Learning Objectives and Pre-requisites on the website:  
[www.jaato.com](http://www.jaato.com)