

FAA & EASA TSO & ETSO – 1/2 Day

Introduction

An FAA Technical Standing Order (TSO) EASA European Technical Standing Order (ETSO) is a minimum performance standard for specified materials, parts, and appliances used on civil aircraft. When authorized to manufacture a material, part, or appliances to a TSO/ETSO standard, this is referred to as TSO/ ETSO authorization. Receiving such an authorization is both design and production approval.

This 1/2 Day Training Course considers the process by which TSO/ETSO authority is issued, together with the process for certification - Where the TSOA article reflects a major change to type design, it may require a supplemental type certificate (STC) in order to approve the installation/modification data.

The USA may accept foreign-produced articles when the FAA itself has approved the design (using a Letter of Design Approval or LODA) AND the United States has signed a bilateral agreement with the foreign nation that accepts LODA designs that are produced under the foreign airworthiness authority's manufacturing oversight.

Who is the course for?

It is for persons who are involved in the technical management of Commercial Aircraft Maintenance Planning, Technical Engineering, Nominated personnel and other key personnel in Part 21 Design & Production Organisations, Quality Managers/ Quality Auditors and Airline CAMO Staff.

Regulators and persons interested in obtaining a detailed understanding of the Design, Certification and Production of Aircraft Parts. This course will provide an insight for both beginners to aircraft certification as well as experienced practitioners.

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What is the Benefit of this Training – What will I learn?

- a) Awareness of the structure composition and impact of FAA & EASA TSO/ ETSO's
- b) Understanding Organisational Roles and Responsibilities Compliant with TSO / ETSO Management & oversight
- c) Understand the environment driving the TSOA / Part 21 process to focus your business decisions
- d) Confidence in a detailed knowledge of the key components of Component Certification
- e) To consider the Oversight of Maintenance Activities related to TSO ETSO OEM Parts management

Detailed Content / Topics – The following Subjects will be addressed

- TSO / ETSO Introduction
- Abbreviations
- The beginning of EASA / FAA Joint Certification
- Certification and Approval Process FAA Introduction
- Certification and Approval Process FAA TSO / LODA
- Certification and Approval Process EASA ETSO
- Certification Alternative Procedures
- Repairs as applicable to TSO / ETSO Articles.
- Bilateral Acceptance of EASA / FAA ETSO/ TSO Articles

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Target groups

Design Engineers, Quality Managers, Regulatory Compliance Officers, Certification Specialists, Procurement Professionals and Supplier Quality Managers.

Pre-requisites

It is not necessary to have prior knowledge to participate in this training, however a basic CAMO awareness / knowledge is assumed.

Learning Objectives

A basic understanding of Aviation Certification related to Certification.

A thorough understanding of the associated terminology and procedures including changes to Type Design, Component Certification, Supplementary Type Certificates (STC) (modifications) and repairs. This training is intended to focus on the essential elements to provide a comprehensive understanding of the TSO / ETSO Process.

What do People Say about Sofema Aviation Services Training?

"The instructor used the right words to explain the material."

"The discussions among the group were very beneficial."

"The instructor showed very resourceful background and experience."

"All sections of the course were related to my field."

"Adequate answers were given to specific questions."

Duration

½ day – Start at 09.00 and finish at 13.00, with appropriate refreshment breaks. To register for this training, please email team@sassofia.com or Call +359 28210806.

Sofema Aviation Services offers a flexible approach to developing all in-company training courses which are specific to the client's needs. If you would like additional information concerning how course content may be configured to be more appropriate for your organisation please email team@sassofia.com

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