

FAA & EASA Supplemental Type Certificates (STC) training course - 1/2 Day

Introduction

The task of certifying an aircraft or part can be daunting and contains many elements to ensure full compliance is achieved with all regulatory and certification obligations

This 1/2 Day Training Course considers the process by which STC's are issued. An STC is a certificate. It defines the product design change, states how the modification affects the existing type design, and lists serial number effectivity. It also identifies the certification basis, listing specific regulatory compliance for the design change. Information contained in the certification basis is helpful for those applicants proposing subsequent product modifications and evaluating certification basis compatibility with other STC modifications.

Under the U.S. FAA's regulatory system, there are various methods to obtain approval for a major modification or repair to a type-certified aircraft (the following list is not exhaustive):

A Field Repair, which may be issued on a FAA Form 337, or A Supplemental (or Supplementary) Type Certificate (STC).

EASA STC applicants are required to demonstrate design capability in accordance with EASA Part 21 Subpart J; by way of derogation they can demonstrate design capability in the form of Alternative Procedures to Design Organisation Approval (AP to DOA).

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 STC's
- b) Understanding Organisational Roles and Responsibilities Compliant with STC Management oversight
- c) Understand the environment driving the Part 21 / STC process to focus your business decisions
- d) Confidence in a detailed knowledge of the key components of EASA Part M related to STC & Repairs
- e) To consider the Oversight of Maintenance Activities related to Part 21 Management of STC,s Mods and Repairs.

Detailed Content / Topics - The following Subjects will be addressed

- STC Introduction
- Abbreviations
- The beginning of EASA / FAA Joint Certification
- Certification and Approval Process FAA /EASA
- The Difference Between STC and PMA
- FAA Certification STC Process
- EASA Certification STC Process
- Bilateral Acceptance of EASA / FAA STC's

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 STC.

A thorough understanding of the associated terminology and procedures including changes to Type Design, Control of Supplementary Type Certificates (STC) (modifications) and repairs.

This training is intended to focus on the essential elements to provide a comprehensive understanding of the STC Process

To be able to describe the principles of Type Certification and Supplemental Type Certification requirements and process.

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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 a very resourceful background and experience."

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

"Adequate answers were given to specific questions."

Duration

1/2 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 organization please email team@sassofia.com



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