

EASA Part 21 Subpart J Regulatory Framework – 3 Days

Introduction

Subpart J regulatory approval provides for the Design of Aircraft and Components Design Organisation Approval (DOA). The responsibilities associated with the management of a Design Organisation are numerous and varied with a constant flow of challenges.

The primary function of the DOA holder is to assume full responsibility for all designed product (Initial Airworthiness) including the need to support Continued Airworthiness of the designed product.

As the Owner of the certification responsibility related to the product part or appliance, it is essential to ensure full compliance with all regulatory requirements, national and environmental requirements as well as all related certification specifications.

Part 21 which is essentially harmonised with FAR 21 in so much as the shared objectives was created to deliver an efficient certification processes with a reduced (in comparison to FAR 21) Direct EASA certification oversight.

How are you currently measuring the effectiveness of Design Assurance System to ensure it is delivering an effective return on your investment?

A company holding Part-21 Subpart J Design Organisation Approval (DOA), has the approval to Design and certify aircraft parts.

Who is the Course for?

The course is beneficial for persons involved with Part 21 Design Organisations, Quality Managers/ Quality Auditors and Airline CAMO Staff.

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Date	On Demand
Category	Personal Development
Venue	On Demand
Level	Basic
Price	On Demand

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

- a) To be able to explain the Design Organisation Assurance System
- b) Achieve a high level of competency within your organisation related to regulatory obligations
- c) Understanding related to the development and ownership of the continuing airworthiness obligations related to Products Parts and Appliances
- d) To understand the mechanism whereby the CVE can certify full compliance with requirements
- e) To be able to actively engage in the involvement of all the regulatory authority and EASA
- f) To understand the methodology used to manage and control investigations and the development of Service information

Detailed Content / Topics - The following Subjects will be addressed

General Introduction
Revision Status Update
Abbreviations
EASA Regulatory Overview & Development of New Basic Regulation 1139/2018
Understanding the Principle of Implementing and Delegated Acts
Airworthiness Principles & Continuing Airworthiness –the link between ICAO –EASA –EU Competent Authority (CA)
Airworthiness Directives AD's
Commission Regulation 748 / 2012 & Overview of Part 21 Subparts
Subpart J Design Organisation Approval
Subpart J Design Organisation Approval Initial Issue and Assurance Process
EASA Delegation Processes (Part 21 Subpart J)
Practical Considerations related to the Design Assurance System and the Roles and Responsibilities including CVEs
Managing Competency in a Part 21 Subpart J DOA Organization
Understanding the process to Manage the Design Organisation Handbook including the Procedures, Organisation Charts and Amendment Procedure
Developing & Managing Instructions for Continued Airworthiness ICAW
Design Organisation Approval (DOA) interface with Production Organisation Approval (POA)

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EASA Part 21 Design Certification - Proportionality & Level of Involvement
Introduction Role & Purpose of an STC
Repair Approval Procedures
Certification and Approval Process EASA ETSO
Equipment Approval Procedures
SMS in a Part 21 Organisation
Subpart J Stakeholders in the Design Assurance System - Compliance Verification Engineer (CVE)
Subpart M – Repairs
Subpart P – Permit to Fly
Subpart Q – Identification of Products, Parts and Appliances
EASA Part 21 Subpart J DOA Flight Test Considerations

Target groups

Nominated personnel and other key personnel in Part 21 Design & Production Organisations, Quality Managers Design Heads, Compliance Verification Engineers, Certification Managers, Quality Control Managers, Civil Aviation Authority representatives, Military Airworthiness Design Stakeholders. Accountable Managers, Quality Auditors and Airline CAMO Staff.

Other persons interested in obtaining a detailed understanding of the Design, Certification and Production of Aircraft Parts will also find the course useful

Pre-requisites

Background knowledge related to EASA regulation 748/2012 familiar with the basic concepts related to design obligations will be an advantage to benefit from this training

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Learning Objectives

A detailed understanding of Aviation Product Design and Production regulatory driven processes.

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 entire Design Organization / Production Organization Process.

Certificate Wording

Introduction to EASA Part 21, EASA Regulatory Environment & Bi-lateral Agreements, Part 21 & Certification Specification Intro, Design Organisation & Level of Involvement, Design Assurance Process, Part 21 G POA. Design Classification & OSD, The role of the CVE, Flight Test & Digital Signatures

What do People Say about Sofema Aviation Services Training?

"If we didn't understand something, the instructor would always explain it to us again."

"The instructor is an extremely knowledgeable person."

"I am fully satisfied with the course structure."

"The instructor explained very well and with enthusiasm the subject matter."

"The form of the training was excellent and in sync with the needs of the trainees."

Duration

3 days – Start at 09.00 and finish at 17.00, with appropriate refreshment breaks.

To register for this training, please email team@sassofia.com or Call +359 28210806

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