

# EASA Part 21 & CAR 21 Subpart G & J Regulatory Framework – 3 Days

## Introduction

Subpart J regulatory approval provides for the Design of Aircraft and Components Design Organisation Approval (DOA) and Subpart G provides for a Production Organization approval (POA).

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

Whilst the role of the POA relates in part to the role of (Continued Airworthiness) the primary function of the organization is Initial Airworthiness in respect of managing the production of Products Parts and Appliances for use on aircraft, the process is regulated in accordance with the requirements of Part 21.

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

A company holding Part-21 (CAR 21) Subpart G Production Organisation Approval (POA), has the approval to build and certify aircraft parts when a DOA -POA agreement is in place.

Organizations approved to manufacture in accordance with PART 21 (CAR 21 Subpart G are approved to issue EASA Form One or GCAA Form 1 as appropriate in respect of the Products Parts and Appliances.

### Training Regulatory Compliance

CAR 21 shows compliance with (EU) No 69/2014, including Operational Suitability Data (OSD) requirements.

EASA Part 21 shows compliance additionally with (EU) No 2015/1039 (01/07/2015) and (EU) 2016/5 (12/01/2016).

## Who is the course for?

The course is made for individuals who are involved in the design, production, and certification of aircraft and aircraft components. This course is specifically targeted toward professionals working in the aviation industry, including engineers, designers, manufacturers, quality assurance personnel, and regulatory compliance specialists.

tel + 359 2 821 08 06  
email team@sassofia.com

[www.sassofia.com](http://www.sassofia.com)

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| <b>Date</b>     | On Demand            |
| <b>Category</b> | Personal Development |
| <b>Venue</b>    | On Demand            |
| <b>Level</b>    | Basic                |
| <b>Price</b>    | On Demand            |

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

The course provides comprehensive training on the European Aviation Safety Agency (EASA) Part 21 regulations, which outline the certification procedures and requirements for the design and production of aircraft and aircraft parts in Europe. It also covers the specific subparts G and J of CAR 21, which relate to the production organization approval and design organization approval, respectively.

## Detailed Content / Topics - The following Subjects will be addressed

- General Introduction
- Abbreviations
- Introduction to EASA Part 21 Regulatory Environment
- Airworthiness Principles & Continuing Airworthiness
- UAE Civil Aviation Laws Introduction
- GCAA CAR 21 Specific Requirements
- Regulatory Update – July 2016
- Commission Regulation 748 / 2012
- Understanding the Certification and Approval Process
- Supplemental Type Certificates (STC)
- Repair Approval Procedures
- Equipment Approval Procedures
- PART 21 Quality Systems
- SMS in Part 21 / CAR 21 Organisation
- EASA Delegation Processes
- Managing Competency in Part 21 / CAR 21 DOA or POA organization
- General Introduction to all Part 21 / CAR 21 Subparts - Review
- Subpart F Production without POA (Production Organisation Approval)
- Subpart G Production Organisation Approval
- Subpart J Design Organisation Approval
- 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

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## Target Groups

Nominated personnel and other key personnel in Part 21 / CAR 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.

## Pre-requisites

It is not necessary to have prior knowledge to participate in this training.

## 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. EASA Part 21 & CAR 21 Differences will also be covered during this training.

## What do People Say about Sofema Aviation Services Training?

*"I found satisfying answers to all my questions."*  
*"The instructor demonstrated a very deep knowledge of the subject."*  
*"The length of the course fits my needs and expectations."*  
*"The content was really effective, I gained a lot of new knowledge."*  
*"The practical examples were perfectly delivered."*

## 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](mailto:team@sassofia.com) or Call +359 28210806

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