

FAA Airworthiness Essentials 14 CFR - Part 21 - 1 Day

Introduction

Within the U.S. Federal Aviation Administration (FAA) regulatory framework, 14 CFR Part 21 governs the certification procedures for aircraft products and parts. It outlines the requirements for the issuance of type certificates, supplemental type certificates, airworthiness certificates, and production certificates. This regulation is central to ensuring that all aviation products and parts meet the necessary safety and airworthiness standards set by the FAA.

A deep understanding of Part 21 is essential for those involved in aircraft manufacturing, parts production, and the certification process, as it establishes the foundation for the safe and legal operation of these products in the aviation industry.

This course offers an in-depth overview of Part 21, focusing on the certification processes, requirements for airworthiness, and the responsibilities of manufacturers, applicants, and certificate holders in maintaining compliance with the regulation. By attending this training, participants will gain the knowledge necessary to navigate and comply with the certification processes outlined in Part 21.

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

- a) **Thorough Understanding of Certification Processes:** Participants will gain a comprehensive understanding of the certification procedures for aircraft products and parts, including the issuance of type certificates, airworthiness certificates, and production certificates.
- b) **Enhanced Compliance with FAA Standards:** Attendees will learn how to navigate Part 21 to ensure that all aircraft products and parts meet FAA certification requirements, reducing the risk of regulatory violations and enhancing the safety and airworthiness of aviation products.
- c) **Streamlined Certification Process:** By mastering Part 21, participants will be better equipped to manage the certification process efficiently, ensuring smoother approvals and compliance with FAA regulations.

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

www.sassofia.com

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

Who is the course for?

This course is designed for aviation professionals who need a thorough understanding of the certification procedures and airworthiness requirements specified in FAA Part 21. It is especially relevant for individuals involved in:

- Aircraft manufacturing and design
- Parts production and certification
- Regulatory compliance within the aviation industry
- Applicants for type certificates, supplemental type certificates, or airworthiness certificates

Detailed Content / Topics - The following Subjects will be addressed

Terms and Definitions
FAA Introduction and Structure
FAA Rulemaking & Guidance Material
14 CFR Part 21 – Certification Procedures for Products and Parts Introduction
Subpart A – General
Subpart B – Type Certificates
Subpart C – Provisional Type Certificates
Subpart D – Changes to Type Certificates
Subpart F – Production Under Type Certificate
Subpart G – Production Certificates
Subpart H – Airworthiness Certificates
Subpart I – Provisional Airworthiness Certificates
Subpart L – Export Airworthiness Approvals
Subpart N – Acceptance of Aircraft Engines, Propellers, and Articles for Import
Subpart P – Special Federal Aviation Regulations (SFARs)
Part 21 Compliance Summary
Supplemental Type Certificate (STC) 14 CFR Part 21, Subpart E
Introduction to FAA Parts Manufacturer Approval (PMA - Subpart K)
14 CFR Part 21, Subpart O – Technical Standard Order (TSO) Approvals

Target Groups

This course is beneficial for management, quality assurance staff, supervisors, inspection personnel, and return-to-service personnel.

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

www.sassofia.com

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

Pre-requisites

A background in an aviation environment.

Learning Objectives

- a) The course provides a comprehensive understanding of the airworthiness regulations and requirements outlined in FAA Parts 21, 43, and 91, enabling participants to navigate and interpret these regulations with confidence.
- b) It enhances compliance with FAA standards, reducing the risk of regulatory violations and ensuring the safe and airworthy operation of aircraft.
- c) Equips participants with the knowledge and skills necessary to effectively implement airworthiness practices, resulting in improved maintenance procedures, enhanced operational efficiency, and increased overall safety in the aviation industry.

What do People Say about Sofema Aviation Services Training?

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

Duration

2 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

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

www.sassofia.com

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