

FAA Airworthiness Essentials Parts 21, 43 & 91 – 3 Days

Introduction

Within the U.S. Federal Aviation Administration (FAA) regulatory framework, there are three primary regulations that govern the airworthiness of an aircraft generally known as “The Big Three”, which are:

- 14 CFR Part 21 — Certification Procedures for Products and Parts
- 14 CFR Part 43 — Maintenance, Preventive Maintenance, Rebuilding, and Alterations
- 14 CFR Part 91 — General Operating and Flight Rules

Most of the other FAA airworthiness certification regulations link to one of these three regulations so having a good understanding of these primary airworthiness regulations is essential for personnel involved in managing, performing, or inspecting aircraft maintenance tasks.

This course provides an overview of the three regulations and the guidance material available for delegates to grasp a thorough understanding to help them maintain compliance.

Who is this course for?

The course is made for professionals in the aviation industry who need a comprehensive understanding of the airworthiness regulations and requirements outlined in FAA Parts 21, 43, and 91. It is particularly relevant for individuals involved in aircraft manufacturing, maintenance, and operations, providing them with the necessary knowledge to ensure compliance and safety within the FAA regulatory framework.

What is the benefit of attending this training?

- 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.

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

Detailed Content / Topics - The following Subjects will be addressed

Day 1

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)

Day 2

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

Applicability Of 14 CFR Part 43

Who Can Work On An Aircraft?

Who Can Sign-off Work Performed On An Aircraft?

Performance Rules

Recordkeeping

Validity Of Inspections Performed

Falsification Of Maintenance Records

Lost Or Destroyed Records

Day 3

Disposition Of Life-limited Parts

Part 43 Appendices

Part 43 Compliance Summary

CFR 14- Part 91 - Contents

Introduction Role and Purpose of FAR 14 CFR Part 91

FAR CFR Part 91 SMS Considerations

CFR 14 Part 91 - Role, Function, and Responsibility of the Continuous Airworthiness Maintenance Program (CAMP)

FAR CFR Part 91 Subpart Overview – General

Detailed Requirements of Subpart L – Continued Airworthiness and Safety Improvements (14 CFR Part 91) – Aging Aircraft

Part 91 Compliance Summary

Debrief & Close

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Target groups

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

Pre-requisites

A background in an aviation environment.

Learning Objectives

Essential elements of benefit from this training are to be able to understand the FAA basic airworthiness regulations and how they are applied during maintenance tasks performed in a Part 145 environment.

Duration

3 days – Each Training day will 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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