

FAA Regulatory Course for Aviation Logistics & Material Specialists – 4 Days

Introduction

The 145 Stores Management and Inspection System is an essential element of the 145 approval. It must be managed and staffed by trained and competent staff. This training is designed to cover specific elements which are essential to the effective management and operation of a fully compliant store.

This in-depth 4-day training is designed to provide attendees with:

- A fundamental understanding of FAA Logistics Regulatory Awareness
- To provide a regulatory and industry perspective for staff involved in Stores Management and Receipt Inspection.
- Develop the attendee’s understanding of airworthiness and Receipt Certification principles including Electrostatic Inspection and Managing a Tool & Calibration Store

The course covers in detail all essential elements to ensure the highest level of understanding to support the effective management of competence within the Materials and Logistics Environment.

Who is the course for?

The SAS course is designed for individuals and organizations in the aviation industry who work as aviation logistics and material specialists and require a detailed understanding of FAA regulations pertaining to their roles. It is particularly beneficial for professionals involved in logistics management, material planning, procurement, warehousing, and distribution within the aviation sector. By attending this course, participants will gain comprehensive knowledge of FAA regulations related to logistics and materials, enabling them to ensure compliance, optimize supply chain processes, and enhance operational efficiency in aviation logistics management.

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

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

This training is designed to cover all elements which are essential to the management of an FAA-compliant functioning Store incoming goods inspection process.

This in-depth 4-day training is designed to provide attendees with A detailed practical understanding of the requirements to deliver fully functioning Stores and to perform the Role of Stores Inspector.

- a) Be able to explain the regulations which cover FAA Part 145 and Part 21 related to the Incoming Acceptance and Certification of Aviation Parts and Materials.
- b) Understand the Regulatory Process for staff involved in the Stores Environment.
- c) Understand the process of managing documentation related to airworthiness and Receipt Certification principles.
- d) Understand the principles of Electrostatic Inspection.
- e) Review the problems associated with suspect and bogus parts FAA

Detailed Content / Topics – The following Subjects will be addressed

Day 1

Abbreviations – Terms – Definitions

Regulatory Basics of Aviation - ICAO Annexes Introduction & Overview

FAA Regulatory Introduction FAR 21, FAR 145 & FAR 43

Documentation for Maintenance

Regulatory and Manufacturer Documents

AMM / CMM / IPC Checking Status & Applicability

ATA 100 Standard –Introduction –Typical ATA chapters

Airworthiness Directives Introduction FAA

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Day 2

Service Bulletins –TCH & OEM (Vendor SB's)
Aircraft Material Knowledge
Introduction to Aircraft Material & Traceability & Classification
Consumable Material Certifications
Eligibility, Quality and Identification of Aeronautical
Replacement Parts (Approved Parts)
Supplemental Type Certificate Holder (STCH)
Parts Manufacture Authority (PMA)
Technical Standard Order (TSO)
Identifying Unapproved Parts

Day 3

Suspected Unapproved Parts (SUP) FAA
Introduction & Overview FAA, Authorized Release Certificate
Managing Tooling and Equipment
Calibration and Traceability of Tools and Equipment
Alternate Parts Approval

Day 4

Developing an Inspection System Plan / Controlling a Calibration Program
Electro Static Discharge Sensitive (ESDS) Introduction
Differences between Electro Static Discharge (ESD) and Electrical Over-Stress (EOS)
ESD Failure Conditions
ESD Identification Packaging Plan & Packaging Marking
Materials and equipment used in the ESD protection system

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Target groups

The course is designed for Personnel who are required to manage or operate a store or who are required to accept material into a store. Training Department and other Managers and Quality Audit staff will also benefit from attendance at this course.

Pre-requisites

A background in an aviation environment.

Learning Objectives

To provide attendees with:

- A detailed practical understanding of the FAA Regulatory Requirements to Manage and Develop an Aviation Store.
- To develop a detailed understanding of the various process and procedures for staff involved in Stores Management and Receipt Inspection.
- Provide the attendees with an understanding of FAA Airworthiness and Receipt Certification principles including Electrostatic Inspection.
- To review the problems associated with Suspect Parts & where to verify status.
- The trainee shall demonstrate an understanding of the subjects covered and Practical receipts at the end of the course.

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 very resourceful background and experience."
"All sections of the course were related to my field."
"Adequate answers were given to specific questions."*

Duration

4 Days – To commence 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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