

Aircraft Landing Gear Maintenance and Engineering for CAMO – 1 Day

Introduction

The Landing Gear is a Critical Component of the Aircraft System and the maintenance of the integrity of the Landing Gear throughout its entire life is essential.

Due to the nature of the operation, there are in-service vulnerabilities to corrosion and stress damage due to impacts.

Such vulnerabilities can in fact result in reduced operational life as well as increased overhaul costs.

Effective Maintenance Procedures must ensure that Lubrication is correctly performed to combat the exposure to de-icing fluid, and other corrosion-causing substances.

This course focuses on the role of Reliability, Engineering, and Planning in the management of Large Aircraft Landing Gear.

Who is the course for?

All personnel with duties and/or responsibilities in the Airline CAMO environment. Also of Interest to persons working in a CAMO or Part M Quality System, Reliability Specialists, Engineers, Managers & Lease Companies.

It is specifically designed for people with direct involvement in the effective management and utilization of the Landing Gear Systems whether in a Management Supervisory or Administrative role. The course will also serve as a beneficial training program for anyone with responsibilities which include delivering effective Aircraft Maintenance

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

At the end of this Training, the delegate should have a comprehensive understanding of the Roles and responsibilities associated with Maintenance Planning and the importance of delivering an effective Landing Gear Maintenance Program.

- a) Understand the activities which support the analysis of Safety Data including SBs and ADs
- b) Understand the purpose of STCs and how they are integrated into the maintenance Program
- c) Understand the roles and responsibilities within the various CAMO groups including Reliability, Technical Records, Engineering, & Maintenance Planning

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

Detailed Content / Topics - The following Subjects will be addressed

- Introduction to Large Aircraft Landing Gear Systems
- Terms and Abbreviations
- Landing Gear Design and Certification
- Development of Landing Gear MRB tasks
- Landing Gear Additional Maintenance Requirements
- In Service Inspection of Landing Gear Systems
- Landing Gear Shop Visit Repairs and Overhauls
- Review of Overhaul Process including - Removal and reapplication of plating, coatings and surface treatments
- Landing Gear NDT Techniques including - MPI (Magnetic Particle Inspection) & FPI (Fluorescent Penetrant Inspection)
- Using Landing Gear Reliability Data for Maintenance Optimisation
- Maintenance Reserves and Optimisation of Landing Gear Overhauls

Target Groups

All personnel with duties and/or responsibilities in the Airline CAMO environment. Also of Interest to persons working in a CAMO or Part M Quality System, Reliability Specialists, Engineers, Managers & Lease Companies.

Learning Objectives

To be able to effectively manage the Landing Gear Technical Obligations with the CAMO Engineering Group. To be able to deliver optimizations to the Landing Gear Maintenance Process.

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Pre-requisites

Technical Competence within the Engineering and CAMO area.

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 length of the course fit my needs and expectations."
"The content was really effective, I gained a lot of new knowledge."
"The practical examples were perfectly delivered."

Duration

1 day – 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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