

Aviation Production & Overhaul - Foreign Object Damage Awareness Training (FOD) Initial – 1 Day

Introduction

Foreign Object Debris (FOD) represents a significant challenge and concern for the aviation industry, posing potential risks to the safety, reliability, and financial aspects of aircraft operations. Each year, FOD costs the industry millions of dollars, with the potential to cause critical damage to aircraft, including ingestion into engine components, leading to costly repairs or, in the worst-case scenario, accidents.

The far-reaching impact of FOD is evident, with estimates suggesting it causes more than 2.5 billion USD in damage to engines and out-of-service aircraft worldwide annually. FOD can also lead to damages or obstructions in aircraft operating mechanisms and result in cut aircraft tires, leading to operational inefficiencies and safety hazards.

To address these challenges, this comprehensive one-day training course by Sofema Aviation Services is designed to educate and equip aircraft workshop and engine repair technicians and engineers with the essential knowledge and skills to effectively manage and mitigate FOD risks.

Who is the course for?

This training is highly recommended for individuals and professionals working in aircraft engine repair and maintenance, as well as quality control personnel, aiming to ensure the safety, reliability, and efficiency of FOD Management Systems. Participants will include engineers, technicians, and aviation personnel responsible for FOD prevention, detection, and reporting within the organization.

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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?

By participating in this course, you will:

- a) Gain an in-depth understanding of FOD and its impact on aircraft engines.
- b) Enhance safety and productivity in the working environment.
- c) Develop FOD prevention awareness and adherence to best practices.
- d) Improve quality control and maintenance procedures to reduce downtime and repairs resulting from FOD incidents.
- e) Contribute to the reputation and reliability of your company by reducing FOD-related incidents and ensuring compliance with safety regulations.

Detailed Content / Topics – The following Subjects will be addressed

- Introduction & Course Objectives
- Contents
- What is "FOD"
- Definitions and Abbreviations
- FOD Poses a Maintenance Safety Hazard
- How to Control the FOD Problem
- FOD Clean As You Go
- Considerations Related to Maintenance Human Factors Impact on FOD
- Framework for FOD Maintenance Procedures
- Integration of Maintenance FOD Procedures into the SMS System
- Ensuring Quality in the Oversight Control and Management of an Effective FOD Program
- Developing Housekeeping Procedures and ensuring Best Practice
- Parts Protection and Materials Handling
- Developing FOD Critical Control Area Procedures
- Developing FOD Training Requirements
- FOD Conclusions & Debrief

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Target groups

Aircraft Workshop Technicians and Engineers, Aircraft Engine Repair Technicians and Engineers, Quality Control Personnel, Aviation Maintenance Personnel, FOD Prevention and Detection Teams.

Pre-requisites

A basic understanding of aviation maintenance and operations will be beneficial.

Learning Objectives

- Understand the damage caused by FOD to aircraft, personnel, and operations.
- Understand the far-reaching implications of FOD on safety, efficiency, and financial aspects of aircraft operations and maintenance.
- Gain a comprehensive understanding of FOD, its sources, and why it's a critical concern in aircraft engine maintenance and safety.

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

1 Day – 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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