

# Aircraft FOD Awareness Training Course Overview & Recurrent – ½ Day

## Introduction

This ½ day course considers the obligations of the individual who is working on and around aircraft.

Foreign Object Debris (FOD) each year costs the aviation industry many millions of dollars. In the vicinity of aircraft, FOD has the potential to cause problems to the aircraft with the possibility of being ingested into the aircraft engine, which can result in damage to the aircraft or cause an accident.

Some sources estimate that worldwide FOD causes more than 2.5 billion USD in damage to engines and aircraft taken out of service each year. FOD can damage or become lodged in aircraft operating mechanisms or cause damage to cut aircraft tires.

Air France Flight 4590 was lost with the loss of more than 100 lives in July 2000, due to FOD on the runway (A piece of titanium debris from a departing US-bound DC-10) the FOD caused the failure of a main wheel tire which caused a turn the fuel tank to rupture. The leaking fuel ignited and brought the aircraft down!

This course is suitable for any person who is working in the vicinity of aircraft, working on aircraft, or working anywhere where there is potential exposure to Aircraft Parking Bays, Maintenance Areas, Runways, or Taxiways.

## Who is the course for?

This course is suitable for any person who is working in the vicinity of aircraft, working on aircraft, or working anywhere where there is potential exposure to Aircraft Parking Bays, Maintenance Areas, Runways, or Taxiways.

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<b>Date</b>	On Demand
<b>Category</b>	Personal Development
<b>Venue</b>	On Demand
<b>Level</b>	Basic
<b>Price</b>	On Demand

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

The participants will gain essential knowledge and skills to recognize, prevent, and mitigate Foreign Object Debris (FOD) hazards on and around aircraft. This course is designed for aviation personnel, ground crew, and maintenance staff to enhance their awareness of FOD risks, improve their FOD detection capabilities, and implement preventive measures to maintain aircraft safety and operational efficiency.

## Detailed Content / Topics - The following Subjects will be addressed

- What is "FOD"
- FOD Poses a Safety Hazard
- Definitions
- How are Airside & other FOD Generated?
- How to Control the FOD Problem
- The Airport Role
- Airport Ramp & Runway Debris Control
- The Airline Role
- The responsibility of the Maintenance Worker
- Tool Control Procedures
- Parts Protection and Materials handling
- Controlling Hardware
- The Responsibility of Ramp Staff
- Developing Housekeeping Procedures and ensuring Best Practice
- Developing FOD Critical Control Area Procedures
- Developing FOD Training Requirements
- Conclusions

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## Target Groups

This course is suitable for any person who is working in the vicinity of aircraft, working on aircraft, or working anywhere where there is potential exposure to Aircraft Parking Bays, Maintenance Areas, Runways, or Taxiways.

## Pre-requisites

A background in an aviation environment.

## Learning Objectives

To fully appreciate the exposure which we face in respect of FOD;  
To understand our personal role and obligations to prevent FOD at all times.

## What do People Say about Sofema Aviation Services Training?

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

## Duration

1/2 day – Start at 09.00 and finish at 13.30, with appropriate refreshment breaks.  
To register for this training, please email [team@sassofia.com](mailto:team@sassofia.com) or Call +359 28210806

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