



**FLYON AERO**

AVIATION TRAINING CENTER

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By OXYGEN LABS Srl Unipersonale

# SYLLABUS

## Safety Management System FAMILIARIZATION

(FLY Course code: 011-C-F)

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## Introduction

This course is specifically designed to give a basic understanding of the elements and functions involved in a compliant ICAO Safety Management Systems (SMS) and EASA Management System (SM).

## Summary

Course type	Classroom course
Target	<ul style="list-style-type: none"> <li>• Accountable Managers</li> <li>• Management Personnel</li> <li>• Certifying Staff</li> <li>• Quality Personnel</li> <li>• Competent Authority</li> <li>• Members Staff</li> </ul>
Duration	1 day
Course location	FlyOn.Aero Aviation Training Center – Tortona
Language	Italian / English
Contents	<ul style="list-style-type: none"> <li>• SMS introduction               <ul style="list-style-type: none"> <li>○ ICAO Annex 19 – Safety Management System</li> <li>○ ICAO Doc 9859 AN/474 – Safety Management Manual</li> <li>○ State Safety Programme</li> </ul> </li> <li>• EASA Regulatory Requirements</li> <li>• ICAO Four Pillars / Components</li> <li>• Basic safety concepts</li> <li>• Introduction to safety management</li> <li>• Hazards</li> <li>• Risks</li> <li>• SMS planning</li> <li>• SMS operations</li> <li>• Gap Analysis</li> <li>• Phased approach to SMS Implementation</li> </ul>
Exam	Option to reserve examination
Certificate	FlyOn.Aero Certificate

## Syllabus

- 1 ICAO SMS ANNEX 19
- 2 EASA Management Systems: Regulatory framework
- 3 Components of a Safety Management System
- 4 Operational Errors and Violations: Assessing individual errors.
- 5 The safety process.
- 6 Hazard Identification and Analysis – Practical case studies on Bow-Tie analysis
- 7 Hazard Logs / Risk Registers
- 8 Risk management and Risk Assessment
- 9 Effective Barriers – Controls and Risk Mitigation processes
- 10 Management of Change (MOC)
- 11 Emergency Response Planning (ERP)
- 12 EASA Management System requirements (PART ORO/ARO)
- 13 SMS Implementation: complex organizations and non-complex organizations.
- 14 Safety Management Systems Implementation: a practical guide, based on EASA ICAO SMS Manual
- 15 SMS Evaluation tools / Audit your SMS effectiveness.