



FLYON AERO

AVIATION TRAINING CENTER

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By OXYGEN LABS Srl Unipersonale

SYLLABUS

Safety Management System

(FLY Course code: 011-C)

Issue of 01/02/2018

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"> • Accountable Managers • Management Personnel • Certifying Staff • Quality Personnel • Competent Authority • Members Staff
Duration	4 days
Course location	FlyOn.Aero Aviation Training Center – Tortona
Language	Italian / English
Contents	<ul style="list-style-type: none"> • SMS course introduction • Basic security concepts • Introduction to safety management • Dangers • Risks • Introduction to SMS • SM planning • SMS operations • Step-by-step SMS implementation
Exam	Yes
Certificate	FlyOn.Aero Certificate

Syllabus

- 1 ICAO SMS ANNEX 19 and EASA Management Systems: Regulatory framework
- 2 Components of a Safety Management System
- 3 Accident causation and root cause analysis. Worldwide Aviation Safety performance
- 4 Operational Errors and Violations: Assessing individual errors.
- 5 Active and latent failures to include: Organizational influences, system influences, and operator influences: Assessing organizational failures. The direct and indirect organizational cost.
- 6 The safety process.
- 7 Hazard Identification and Analysis – Practical case studies on Bow-Tie analysis
- 8 Hazard Logs / Risk Registers
- 9 Risk management and Risk Assessment - Business practices
- 10 Effective Barriers – Controls and Risk Mitigation processes
- 11 Management of Change (MOC) – Case studies
- 12 Emergency Response Planning (ERP): A practical approach
- 13 EASA Management System requirements (PART ARO/ORO)
- 14 SMS Implementation: complex organizations and non-complex organizations.
- 15 Safety Management Systems Implementation: a practical guide, based on EASA ICAO SMS Manual
- 16 SMS Evaluation tools / Audit your SMS effectiveness.

SMS Module N° 1 – SMS course introduction

SMS Module N° 2 – Basic safety concepts

SMS Module N° 3 – Introduction to safety management

SMS Module N° 4 – Hazards

SMS Module N° 5 – Risks

SMS Module N° 7 – Introduction to SMS

SMS Module N° 8 – SMS planning

SMS Module N° 9 – SMS operation

SMS Module N° 10 – Phased approach to SMS Implementation