



FLYON AERO

AVIATION TRAINING CENTER

www.flyon.aero

By OXYGEN LABS Srl Unipersonale

SYLLABUS

Safety Management System ADVANCED

(FLY Course code: 011-C-A)

Issue of 01/10/2018

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 European Union Aviation Safety Agency (EASA/Agency) Management System (MS)

Summary

Course type	Classroom course
Target	<ul style="list-style-type: none"> • Accountable Managers for Approved Training Organisations, Air Operators, Aerodromes, ATC Services • Safety Management Staff • Certifying Staff • Quality Staff • Flight Operations Staff • Competent Authority Personnel • Military Safety Personnel
Duration	2 days
Course location	FlyOn.Aero Aviation Training Center – Tortona
Language	Italian / English
Contents	<ul style="list-style-type: none"> • SMS introduction <ul style="list-style-type: none"> ○ ICAO Annex 19 – Safety Management System ○ ICAO Doc 9859 AN/474 – Safety Management Manual ○ ICAO Annex 6 Part III Appendix 4 – Framework for Safety Management System – and Attachment F – Flight safety documents system ○ State Safety Programme (SSP and Safety Management System) • EASA Regulatory Requirements • Safety & Compliance Management techniques required in ORO and ORA.GEN.200 • ICAO Four Pillars / Components • Basic safety concepts • Introduction to safety management • Hazards • Risks Management and Risk assessment • SMS planning • SMS operations • Management of Changr (MoC) • Gap Analysis • Phased approach to 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 ORO/ARO)
- 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.