



FLYON AERO

AVIATION TRAINING CENTER

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By OXYGEN LABS Srl Unipersonale

SYLLABUS

Avionics Installation Design

(FLY Course code: 024-C)

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Avionics Installation Design

Days Theoretical	2
Days Pratical & Exercises	2

Course Overview

A course designed to provide the student with basic skills and knowledge to design, develop, plan, and perform the mechanical and electrical installation of a typical avionics suite.

- Installation planning
 - Manuals and Diagrams
 - Installation Drawings
 - Connectors and Pin Numbers
- Installation considerations, procedures, methods, and techniques
- Manufacturer's Instructions
- Certification Requirements
- Equipment Location
 - Environmental Requirements
 - Cooling
- Antennas Location
- Mounting Avionics
- ARINC MCU case sizes
 - ATR case sizes
 - Locking Systems
 - Antennas Installation
- Electrical Interface
 - Connectors
 - Wiring
- New Installations