

PROFESSIONAL AVIATION MAINTENANCE TRAINING

Avionics Standard Practices

Course Information

Course Description – 5 Day Course

The Avionics Standard Practices course is designed to introduce the technician to Avionics standard practices, terms, and communication protocols used in many modern aircraft.

The technician will learn the unique aspects to Avionics standard practices including FOD, ESD and safety, Wiring and Cabling, wire types, terminating and installation methods, Tooling, as well as Electrical Wiring Interconnection System (EWIS). Training will also include information on Data Bus types and formats, Computer Network types, components, protocols, and structures, Fiber Optic safety, testing and troubleshooting, Antennas and installation, and Maintenance Software utilities.

Wiring, connector installation and repair make up the practical portion (functional application) of the training. Additional hands-on instruction is provided on laptop computer diagnostic software.

Recommended: Student should be familiar with basic computer operations using Windows type operating systems.

FlightSafety Material Number 303784

Ground School Course Modules Hours

ATA 100 Publications	1.00
ATA 20 Standard Practices	8.00
ATA 46 Information Systems.....	6.50
Ground School Training Hours	15.50

Academic Course Modules Hours

Welcome/Introduction.....	1.00
Functional Application	13.50
Total Hours.....	30.00

Approvals and Limitations

FAA IA Renewal Code **C-IND-IM-150526-K-006-001**
 FAA IA Course Validity: 05/01/2019 – 05/31/2023

Training Locations & Contact Information

Dallas North, Texas • 866-486-8733 • 972-534-3200 • dfw@flightsafety.com
 Savannah, Georgia • 800-625-9369 • 912-644-1000 • savannah@flightsafety.com
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