

Course Description – 15 Day Course

This course is designed to meet the training requirements of an avionics technician needing to maintain Citation X and X+ series aircraft.

This course provides in-depth training for the electrical and avionics system as well as familiarization training for standard aircraft systems.

To enhance retention of information learned in the classroom, specialized training materials and OEM technical data are used. These ensure proper cockpit configuration for operation of engines, aircraft systems, system limitations, diagnostics, and procedures. This methodology prepares the learner to perform system, engine, component, and functional checks and to correlate this information for decision-making/fault diagnosis as well as Return to Service and dispatch ability.

The course objectives are aligned with the following recommendations: ATA 104 Level III, EASA part 147, CAAC part 147, CASR part 147, CAR Standards 566 (as applicable).

FlightSafety Material Number303639

Ground School Course Modules

Hours

ATA 100 Publications	0.50
ATA 5-12 Aircraft General	3.00
ATA 20 Standard Practices	0.50
ATA 21 Air Conditioning	6.00
ATA 22 Auto Flight	5.00
ATA 23 Communications.....	5.00
ATA 24 Electrical.....	8.00
ATA 25 Equipment/Furnishings.....	1.00
ATA 26 Fire Protection	2.50
ATA 27 Flight Controls	6.00
ATA 28 Fuel	6.00
ATA 29 Hydraulics.....	5.50
ATA 30 Ice and Rain Protection	4.00
ATA 31 Indicating and Recording.....	4.00
ATA 32 Landing Gear.....	5.50
ATA 33 Lighting.....	2.50
ATA 34 Navigation	7.00
ATA 35 Oxygen	1.50
ATA 36 Pneumatics.....	4.00
ATA 38 Water/Waste.....	0.50
ATA 45 On-board Maintenance System	3.00
ATA 49 Auxiliary Power Unit	2.50
ATA 51-57 Structures.....	1.50
ATA 71-80 Powerplant	4.50
Ground School Training Hours	89.50

Academic Course Modules

Hours

Welcome/Introduction.....	1.00
Functional Application*	2.00
Systems Integration*	2.00
Review/Exam	7.50

*Based upon availability and course schedule.

Total Hours..... 102.00

Approvals and Limitations

FAA IA renewal Accepted

Accredited for IA refresher training under Title 14 CFR part 65, § 65.93(a)(4)

EASA Approved B2-T2	(Theory Only)
CASA Approved B2-T2	(Theory Only)
CAAC Approved AV II	(Theory Only)
DGCA Approved B2	(Theory Only)

Training Locations & Contact Information

Wichita, Kansas • 800-491-9796 • 316-361-3900 • wichitamaintenance@flightsafety.com