

Course Description – 5 Day Course

This course is designed to equip the maintenance technician with the skills required to troubleshoot, repair and return to service today's electrically controlled aircraft.

The objective of the course is to enable the maintenance technician to competently perform all aspects of Cessna Single Engine High Wing maintenance from routine inspections through troubleshooting systems, repair and replacement procedures and rigging of electronically controlled systems.

Training scenarios have been developed from actual in-service situations reported to Textron Aviation technical support department. A thorough knowledge of the Cessna Single Engine High Wing systems will be required, together with a sound base knowledge of general aircraft maintenance practices. Students should be able to read and understand the manufacturer's documentation and all attendees should have completed the Cessna Single Engine High Wing Maintenance Initial course.

FlightSafety Material Number306805

Ground School Course Module

- ATA 5-12 Aircraft General
- ATA 20 Standard Practices
- ATA 21 Air Conditioning
- ATA 22 Auto Flight
- ATA 23 Communications
- ATA 24 Electrical
- ATA 25 Equipment/Furnishings
- ATA 26 Fire Protection
- ATA 27 Flight Controls
- ATA 28 Fuel
- ATA 30 Ice and Rain Protection
- ATA 31 Indicating & Recording
- ATA 32 Landing Gear
- ATA 33 Lighting
- ATA 34 Navigation
- ATA 35 Oxygen
- ATA 36 Pneumatics
- ATA 37 Vacuum
- ATA 38 Water/Waste
- ATA 51-57 Structures
- ATA 61 Propellers/Propulsion
- ATA 71-80 Powerplant

Total Hours30.00

Hours

Course Modules

Using the Aircraft, Simulators, Graphical Flightdeck Simulators, Computer Based Trainers, Practical Mock-ups and Part Task trainers, the practical instruction/assessment provides hands on use of the Textron Maintenance Library, component locations, functional checks, troubleshooting, components removal/replacement and servicing using some of the listed systems.

Approvals and Limitations

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

Training Locations & Contact Information

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