

Advanced Composite Damage Repair-Phase 2

5 DAY COURSE

COMPOSITES

Abaris Training Resources, in cooperation with FlightSafety International is pleased to offer a wide variety of Composite Training Options for today's Aircraft Maintenance Technicians. These programs include: Engineering / Design, Manufacturing, and Repair classes to meet your composites education requirements.

This course is a mix of supporting lectures and hands-on lab exercises, designed to increase the student's knowledge of repair equipment, materials and processes necessary to produce airworthy repairs.

The course contains a balance of theory and practical application, with much of the time spent in the lab performing basic and advanced composite repairs.

THEORY COURSE MODULES

- Paint removal methods and techniques
- Repair instructions – Repair manuals
- Repair design considerations for multiple damage types and scenarios
- Recognizing unknown structure: materials and fiber orientation
- Contaminated structures and procedures
- Bagging techniques for actual structures
- Proper thermocouple placement
- Heat blanket selection and location rules
- Programming and use of portable process controllers
- Troubleshooting alarms and other issues

PRACTICAL COURSE MODULES

- Unknown layup determination exercise
- Application of repair instructions
- Damage identification and assessment
- Removal of damaged structure
- Drying of moisture-contaminated panels
- Core removal and replacement
- Bagging techniques for repairs
- Taper scarf around removed damage area
- Two-sided panel repair
- No-backside access repair
- Thermocouple repair and testing
- Portable process controllers

Total Days 5.0

APPROVALS AND LIMITATIONS

FAA IA renewal Accepted

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

FOR MORE INFORMATION, CONTACT: +1 201.528.0170 or sales@flightsafety.com

Internal Use Only:
304249

TRAINING LOCATIONS

Wichita, Kansas