

UpWind Blade Solutions is renowned for our quality workmanship and world class safety and composite training delivered by over 60 blade technicians averaging over a minimum of 3 years field experience. We have a proven track record of blade repair expertise spanning fifteen years with a combined total of nearly 300 years composite experience. Upwind Blade Technicians can be on site within 12- 48 hours and our repair services.

- **Lightning Damage**
Blade is inspected for structural integrity; then repaired to its original state. The lightning protection system is repaired and certified for continuity and resistance.
- **Shipping and Construction Damage**
Technicians inspect blades and repair any damage before installation.
- **Internal/External Structural Damage**
Technicians perform extensive repairs on the interior, airfoils, shear-web and spar of the blade to restore to specified structural integrity.
- **Leading Edge Erosion**
Leading edges are restored to original air-foil shape.
- **De-bonding/Splitting**
The leading and trailing edges are re-bonded, along with a shear-web bond.
- **Structural Cracking**
Structural cracks can be replaced with new laminates and the blade shape restored to new-like shape.
- **Tip Split**
Repairing the tip to pre-damage integrity and shape.
- **Tip Replacement**
Pre fabricated tips are manufactured and installed uptower.
- **Hatch Repair/Recovery**
Retrieve and repair blade, nacelle and hub hatch covers from within the blade.
- **Gel Coat or Paint**
Recoat entire blades or specific sections of blades with paint or gel coat.
- **Root Repair**
Internal or external repairs are engineered to maintain or increase the structural integrity of cracked blade roots.

Contact UpWind Solutions.

Contact UpWind Solutions today for a consultation regarding our blade repair.

