



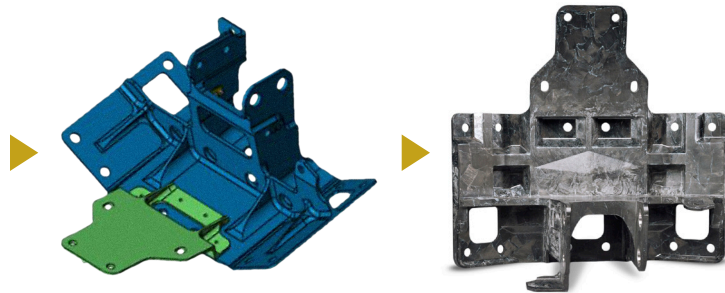
Full Capability. Maximum Range When Mission Success is Measured in Ounces

Greene Tweed is the industry leader in designing and manufacturing intricate carbon composite structures using our proprietary high performance thermoplastic resin. We possess complete in-house capabilities to design, simulate, test and produce highly detailed parts addressing customer needs **with 35% to 50% weight savings.**

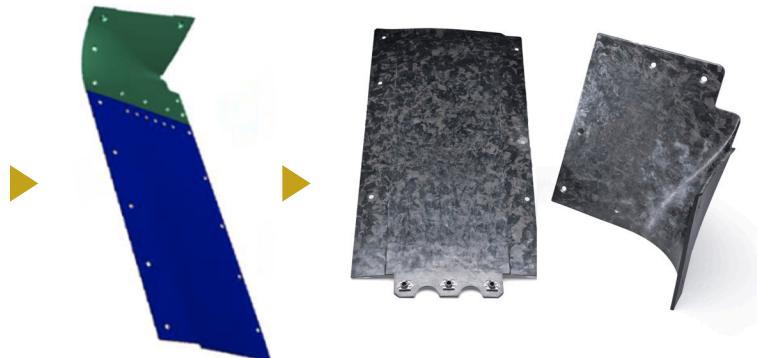
We offer a wide range of brackets, fittings and attachments for UAS's, commercial airplanes, military aircraft, helicopters and eVTOL's with **more than 500,000 parts delivered.**

When Metallic Parts are Weighing You Down, Choose Xycomp® DLF™

Landing Gear Taxi Light Bracket — 46% Weight Savings



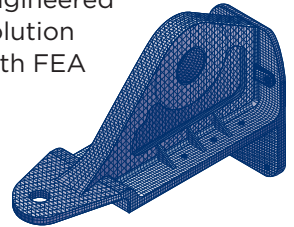
Engine Fairings and Covers — 37% Weight Savings



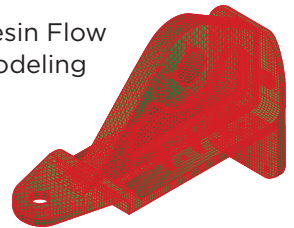
Customer Problem



Engineered Solution with FEA



Resin Flow Modeling



In-house Manufacturing



Xycomp® DLF™ Engineered Solution 42% Weight Savings

The Benefits of Xycomp® Discontinuous Long Fiber (DLF™) Composites

Lightweight, high-performance alternative to metal parts, components, and assemblies.

Strength & Performance

- Aerospace-grade carbon fiber pre-preg tape (AS4/PEEK, PEKK, PEI)
- Matched-die compression molded
- Superior strength-to-weight ratio
- Excellent impact performance
- Thermal stability, chemical and environmental resistance
- Galvanic corrosion mitigation

Weight Savings

- Significant reduction in density vs. metals
- Typical application weight savings of 35-50%

The Greene Tweed Imprint

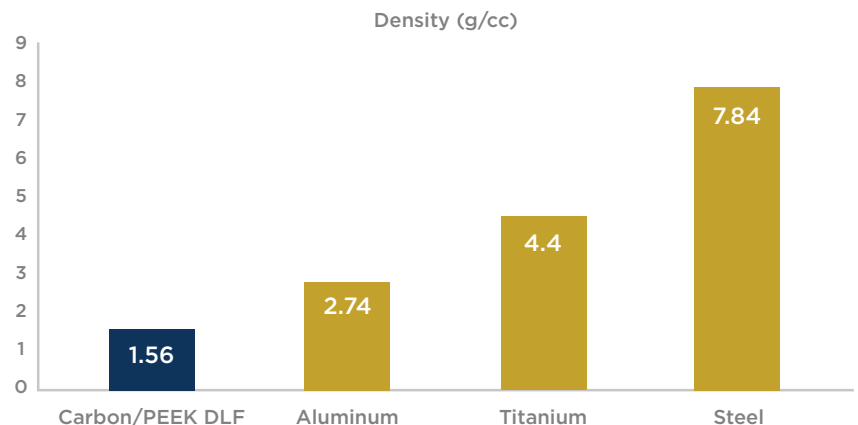
- Full-service partner — in-house engineering, design, testing & analysis
- Full Xycomp® DLF™ design allowables data
- Over 500,000 Xycomp® DLF™ components flying
- Global presence and support

Quality and Certifications

- AS9100 Rev D
- ISO 9001:2015
- ISO/IEC 17025
- Nadcap (Elastomer)
- Nadcap (NDT-DDA)
- Nadcap (Non Metallic Material Testing)
- Customer Specifications/Qualifications
- Others TBD

Weight Savings vs. Metals

- 43% density reduction vs. aluminum, 65% vs. titanium, 80% vs. steel
- Results in typical 35%+ weight savings vs. aluminum in actual parts
 - >50% vs. Ti or Steel
- Fuel Savings, CO₂ Emissions Reduction, Payload Capacity



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