

WHEN FAILURE IS NOT AN OPTION

Greene Tweed has been engineering components that perform for the Aerospace and Defense industry for more than 60 years – no excuses, no exceptions.



Fairings



Structural Air Flow Doors



Housings & Enclosures



Brackets & Fittings



UAV Wing Rib

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%

TESTED & APPROVED

- OEM and Tier 1 supplier approvals (incl. GE, Rolls Royce, Pratt & Whitney, Collins Aerospace, Safran)
- Meets FAA/EASA Burn Test and FST requirements

THE GREENE TWEED IMPRINT

- Full-service partner – in-house engineering, design, testing & analysis
- Full Xycomp® DLF™ design allowables data
- Over 400,000 Xycomp® DLF™ components flying
 - › Brackets, fittings and attachment hardware
 - › Airflow structures and fairings
 - › Housings/enclosures
 - › Lightweight structures
- Global presence and support



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