



Composite Energy Technologies

Company

Composite Energy Technologies (CET) is an industry-leading innovator in the research, design, engineering, and manufacturing of large and complex carbon composite vehicles, underwater pressure vessels, structures, integrated systems, and show-action equipment. Our maritime-focused work has performed in all operational environments including Surface, Aerial, and Undersea (Full Ocean Depth). CET's work has demonstrated performance from static applications to the extremes of the hypersonic regime. We are proud to have deployed solutions which have performed on all 7 continents.

Since 1975, Chief Technology Officer Eric Goetz has sought-out and developed bleeding edge technologies that have been the secret sauce for numerous Grand Prix racing sailboats, including successful America's Cup, Volvo Ocean Race, and Maxi campaigns. The CET team continually builds upon this legacy, breadth of knowledge, and experience to produce systems that can reliably execute diverse mission sets in austere and complex operational environments.

CET's research and development of materials, advancements in engineering, and manufacturing techniques have enabled CET to produce solutions that enable the end user to operate with confidence and assurance.

Contact

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Capabilities

Engineering

- Carbon Fiber Finite Element Analysis (FEA)
- Computational Fluid Dynamics (CFD)
- 3D Modeling (Solidworks and Rhino)
- 5-Axis CNC Programming (MasterCAM)
- 3D Scanning for Reverse Engineering

Manufacturing

- Prepreg Carbon Fiber
- 5-Axis CNC (Large format)
- Computer Controlled Curing
- In-house Systems Integration
 - Controls
 - Electrical
 - Mechanical

Quality

- ISO 9001:2015
- ASTM F24 – Amusement Rides and Devices
- 3D Laser Measurement
- Standard Metrology
- 100% Traceability



Work is done in our 38,000 sq. ft manufacturing facility in Bristol, Rhode Island.



All our 47 full-time employees are screened United States citizens, with some having a tenure of 25+ years.



Advanced carbon structures are fabricated using in-house 5-axis, 3-axis and 2-axis CNC tooling, CNC material patterns, and computer-controlled curing ovens.



Work is performed and audited to ISO 9001 • 2015 quality standards.