



Empowering Your Success

As leaders in advanced composite manufacturing and design engineering, we work with you from the beginning to ensure your unique design and production needs are met.

- Component design and new product introduction
- Program and new product development management
- Hand layup composites
- Tooling and Mandrel Manufacturing
- CNC machining
- Non-destructive testing and inspection
- 75,000 sq. ft. of manufacturing space

Your Edge When It Matters Most

APEX Space & Defense Systems includes three expert business units – Advanced Composite Products & Technologies (ACPT), All American Racers (AAR) and Unitech Composites (Unitech) – each with more than 40 years of experience in composite manufacturing.

Since 1979, Unitech has supported the aerospace market, with a specific focus on the defense sector, fixed-wing and rotary aircraft. One of the first successes was as an original composite supplier to NASA's Space Shuttle program. Unitech offers a wide selection of products from brackets and ECS ducting to body fairings and nose radomes.

The Unitech Business Unit excels at design, manufacturing and qualification of complex composite components and assemblies that require tight tolerance CNC machining. Customers depend on our expertise in design and development through final delivery. They know our systems, equipment and capacity exceed the needs of their most demanding projects and programs.

Tested and Trusted

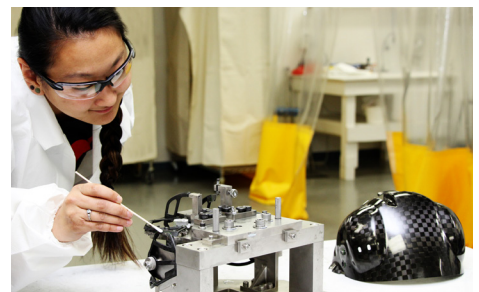
America's warfighters rely on exceptional aircraft to perform their jobs with accuracy and precision. The F-35 Lightning II Joint Strike Fighter is a fifth-generation jet fighter designed for air superiority and strike missions, while also offering electronic warfare and intelligence, surveillance and reconnaissance capabilities.

To complement this masterful piece of machinery is the F-35 jet fighter helmet, designed to make the F-35 an extension of the pilot's body. APEX's Unitech Business Unit proudly contributes to this revolutionary helmet, providing the visor that holds key heads-up display electronics.

Our carbon fiber composites help make the helmet come to life. Lightweight but intensely strong, use of carbon fiber helps ensure the electronics maintain a high precision display while flying high g-force and extreme mission profiles. In addition to the F-35 helmet, we provide critical carbon/BMI composite surface seals for the F-35 structure. The F-35 is the largest program to date for APEX's Unitech Business Unit.

Noteworthy Equipment

- 7 controlled contamination areas, totaling 13,800 sq. ft.
- 3 autoclaves (up to 15' x 30')
- 5 ovens (up to 9' x 9' x 20')
- 3, 4, and 5-axis CNC machines, customized for large-scale projects with extreme precision and efficiency
- 2 NDI tanks
- 4 FARO machines



About APEX

APEX delivers world-class solutions for the space, defense and mission-critical infrastructure industries. We excel at composite and lightweight material manufacturing from design through full-rate production. Our innovation, quality, integrity and partnership drive the products that protect our nation, connect our world and explore our universe.

APEXSDS.COM

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