

ENGINEERING



APPLIED REASECH AREAS

PRODUCTS/APPLICATION AREAS

- Advanced prosthetics & orthotics
- Automated controls
- Ballistic-resistant military armor
- Composite materials
- Custom control systems & software
- High-temperature missile materials
- High-tension Filament winding
- Insulators for electromagnetic rail guns
- Multifunctional composite materials
- Multi-axis fiber placement machines
- Prototype manufacturing
- Rocket motor case insulation
- Specialized fiber/tow/tape placement
- Thermal protection systems
- Torpedo launch tubes
- Thermal protection systems
- 120mm lightweight cannisters

SERVICES

- Design and analysis of complex composite components
- Machine design and fabrication
- Real-time high temperature material properties measurements
- Relative permittivity, permeability measurements
- Ultrasonic A, B & C scanning measurements