San Diego Composites Inc.
Building Mission Assurance into Composites™

- **Turnkey Services Available**
  SDC has complete in-house capabilities to develop and produce advanced material hardware in its 70,000 square foot facility
  - Engineering
  - Composite Fabrication
  - Tooling Design
  - Manufacturing & Production
  - Assembly & Integration
  - Testing & Product Qualification

- **High Quality**
  SDC is an employee owned small business with a staff that is committed to providing high quality products
  - Production
  - R&D
  - All Digital Processing
  - Rapid Product Development
  - Test Verification

- **Ready and Responsive**
  SDC was founded on engineering development of advanced technologies
  - Small and agile company
  - Easily adaptable to requirement changes

**SDC PRODUCT AREAS:**

- Space and Stable Structures
- Canisters and Containers
- Missile Systems
- Propulsion Systems
- Test and Evaluation
- Engineering Services
- Aircraft Structures
TECHNOLOGY IN HOUSE

• Design & Analysis
  SDC uses the latest design and analysis software to develop parametric solid design models and predict performance.
  - Tolerance / Interference Analysis
  - Tool Design
  - Large Assemblies Management
  - Shock and Vibration Analysis
  - Detailed Composite Analysis
  - Non-Linear Analysis
  - Modal Analysis
  - Thermal / Heat Transfer

• Manufacturing
  SDC specializes in multiple composites manufacturing methods to provide customers with the best process for their product.
  - Filament Winding
  - 16 ft and 6 ft Autoclaves
  - VARTM / DBVARTM, RTM
  - Press Cure
  - Bladder Molding
  - Automated Ply Cutting
  - Laser Projection

• Testing
  SDC is capable of rapid materials characterization databases to proof testing sub-components and full-scale systems.
  - Robust data collection
  - Innovative test design and ASTM tests
  - Pressure and burst testing
  - High temperature testing
  - Rocket motor simulator testing