Company Overview

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

Ready and Responsive

SDC was founded on engineering development of advanced technologies

- Small and agile company
- Easily adaptable to requirement changes

SDC PRODUCT AREAS:

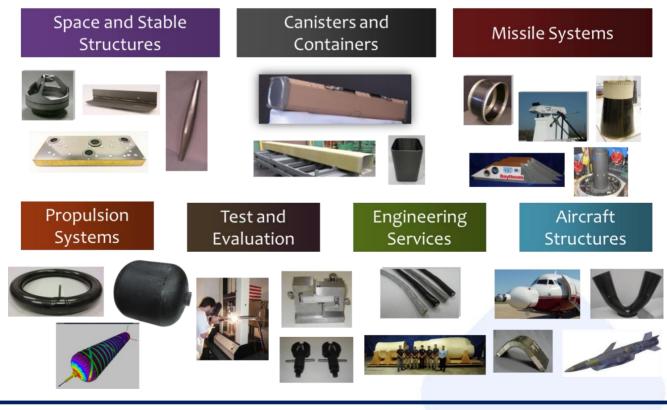
• High Quality

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



IN HOUSE CAPABILITIES = LOWER COST AND SHORTENED CYCLE TIME



San Diego Composites, Inc. 9220 Activity Road, San Diego, CA 92126 www.sdcomposites.com Building Mission Assurance into Composites™

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San Diego Composites Inc.

Building Mission Assurance into Composites[™]



TECHNOLOGY IN HOUSE

• **Design & Analysis**

SDC uses the latest design and analysis software to develop parametric solid design models and predict performance Product / Concept Design

- Tolerance / Interference Analysis _
- **Tool Design** _
- Large Assemblies Management _
- Shock and Vibration Analysis
- **Detailed Composite Analysis**
- Non-Linear Analysis _
- Modal Analysis _
- Thermal / Heat Transfer





SDC's Manufacturing Facility includes State-of-the-Art Composite Processing and **Machining Capabilities**

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

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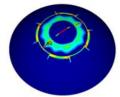
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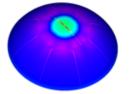




Tooling Designs for Large Composite Components

System and **Component Design**



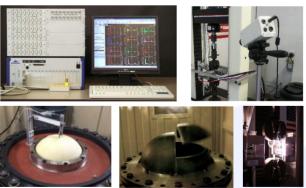


System and Component Static and Dynamic **Structural Analyses**

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



SDC's Testing Facility has First Class Data **Acquisition and Testing Capabilities**

Company Overview

DUNS No.: 110030058 Cage Code: 3CEW5 Certifications: AS9100:2009 Rev C, ISO9001:2000 NAICS: 541330, 541712, 339999, 54138 SIC: 8711, 8734, 9661, 3761 ITAR Cert.: 0039349