



Composite Capabilities

Texstars is a fully integrated fabricator utilizing advanced composite thermoset materials in both commercial and military aerospace markets.

Lean principles and practices are integrated into every activity, process and operation to minimize touch time and associated costs while maximizing customer satisfaction.

Texstars' Nadcap Composites accreditation strongly states our commitment to excellence in aerospace composites fabrication. Autoclave and oven-cure prepreg lay-ups, resin-transfer molding, resin-infusion and VARTM are among the composites manufacturing disciplines within our capabilities. Our tooling design & fabrication blended with our value-added assembly and general fabrication set Texstars apart as the ultimate aerospace one-stop-shop.

Customer Base

Airbus Industries
 ATK Alliant Techsystems
 BAE Systems
 B/E Aerospace
 Bell Helicopter
 Boeing Commercial Airplanes
 Boeing Integrated Defense Systems
 Boeing Phantom Works
 Bombardier Canadair
 Eclipse Aviation
 Goodrich Aircraft Interior Products
 Kinkisharyo Limited
 Lockheed Martin Aeronautics
 Lockheed Martin Skunk Works
 Northrop Grumman Corporation
 Raytheon Company
 Spirit AeroSystems
 U.S. Air Force
 U.S. Army Missile Command
 Triumph Aerostructures - Vought

Composite Products

- Interior Liners
- Radomes
- Housings
- Sandwich Panels
- Air Ducting
- Composite Armor
- Fairings
- Seat Components
- Exterior Skins
- Engine Nacelles
- Cowlings
- Covers
- Packboards
- Tail Cones
- Trim Panels
- Pylons
- Flap Enclosures

Composites Capabilities

Texstars' evolution has grown with the advancement of materials and processes since 1946. We are a learning organization and have a shared-thinking culture. Texstars understands the magnitude of technological advancement as a means to successfully grow and fully support our customers. Our knowledge of processing composite thermoset materials and applying our experience in a production setting are vital to our respective growth and future

Composite Tooling Capabilities

Texstars offers complete in-house tooling design and fabrication capabilities. Digital file translation and multiple software format capabilities are used and depending on production requirements and objectives, composite or metallic tooling can be utilized. If tool modification, repair or maintenance is needed, this favorable in-house advantage allows better control of tooling quality, cost and schedule for our customers.

In-House Core Cutting Capabilities

Among Texstars' extensive composites capabilities includes the cutting of core materials. Honeycomb or foam cre materials are cut in-house for many prepreg lay-up parts and aerostructures Texstars fabricates.

Composite Reinforcement Materials

- Carbon
- Kevlar™
- S-2 Glass
- E-Glass
- Boron
- Quartz
- Polyester
- Nomex™
- WebCore™
- Structural Foam
- Divinycell™

Composite Resin Systems

- Epoxies
- Phenolics
- Vinyl Esters
- Polyimide
- Bismaleimide (BMI)
- Polyester
- Epoxy Vinyl Ester

Software File Formats

- CATIA V4
- CATIA V5
- Pro E
- STEP
- IGES
- Surfcam
- Parasolid
- Solidworks
- Unigraphics
- ACIS



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