

ABOUT US

Applied Composites is a leading provider of complex composite components, assemblies, engineering, and tooling to the aerospace, defense, and space systems markets. Vertically integrated with four strategic locations, we have widespread capabilities to serve expanding industry needs in many high-growth aerospace and defense platforms.



***One Source.
Diverse Capabilities.***



CONTACT INFORMATION

25671 Commercentre Drive
Lake Forest, CA 92630
+1 949.716.3511

1195 Columbia Street
Brea, CA 92821
+1 714.990.6300

9220 Activity Road
San Diego, CA 92126
+1 858.751.0450

705 S. Girls School Road
Indianapolis, IN 46231
+1 317.644.8884

Email: sales@appliedcomposites.com

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- Engineering & Design -
- Tooling -
- Part Manufacturing -
- Assembly -
- Repair -

PROCESS CAPABILITIES

- Composite Part Engineering & Design
- Hand Lay-Up with Laser Projection
- Autoclave & Oven Cure
- Filament Winding
- Non-Destructive & Destructive Testing
- Composite Tooling Design
- Composite & Metallic Tooling Manufacturing
- Metallic Weldments & Fabrications
- Composite & Metallic Machining
- Precision Abrasive Machining
- Complex Composite Assemblies
- Compression Molded Components
- Secondary Bonded Structures
- Polymer Additive Manufacturing
- Honeycomb Machining
- Metallic Composite Structures
- Maintenance, Repair & Overhaul (MRO)
- Radome Repair & Manufacturing
- Resin Transfer Molding
- High Temperature Composites

EQUIPMENT

- Autoclaves
 - 18 autoclaves
 - 3 high temp autoclaves (800F, 200 psi)
 - Max diameter 16 ft D x 30 ft L
- Ovens
 - 26 ovens
 - 9 ft x 8 ft x 30 ft / 650F
- CNC Machining
 - 26 CNC machines
 - 2 ultrasonic CNC machines
 - CNC max envelope 13 ft x 40 ft x 5 ft
- Filament Winders
 - 6 filament winders
 - Max diameter 6 ft
 - Max length 37 ft
- Compression Mold Presses
 - 10 presses
 - Max tonnage = 1200 ton
 - Max working dimensions 6 ft x 4.5 ft x 3 ft

PRODUCTS

- APU Duct Assemblies
- Nacelle Assemblies
- Hot Air Plenums & Ducting
- Exhaust Components
- Composite/Metallic Tools
- UAV Structures
- Composite Intakes
- Large Composite Structures
- Radomes
- Optical Metering Structures
- Space-Qualified Hardware
- Nose Cones
- Control Surfaces
- Payload Adaptors



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