



ADVANCED COMPOSITE STRUCTURES

Leading in innovative composite solutions for a secure
and enduring future



ADVANCING COMPOSITE MATERIAL TECHNOLOGIES

For over 25 years, the ASCC has specialized in transforming high-performance systems with advanced composites, merging research and real-world applications to create solutions that meet the most demanding requirements. Our expertise spans industrial sectors such as—

- ◆ Marine
- ◆ Manufacturing
- ◆ Infrastructure
- ◆ National Defense
- ◆ Aircraft
- ◆ Space
- ◆ Housing

MANUFACTURING SOLUTIONS

- ◆ Lightweight Composite Structures
- ◆ Low-Cost, Rapid Prototyping and Manufacturing
- ◆ Performance and Capabilities Enhancement



RESEARCH AREAS + CAPABILITIES

Lightweighting structures

Ballistic protection

Low-cost, rapid prototyping and manufacturing

High dynamic load optimization

Performance and capabilities enhancement

Amphibious capabilities for autonomous vehicles



Advanced Structures & Composites Center



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