



# Composite Capabilities

## Facility

- 30,000+ ft<sup>2</sup> of Climate and Contamination Controlled Area

## Process Management

- Custom electronic material out time and usage monitoring system
- Lot/serial number control throughout the process.
- Quality Management System to control, monitor and continuously improve processes.

## Layup Proficiency

- OOA prepreg
- Wet Lay
- Solid Laminate
- Foam Core
- Honeycomb core
- Single and Multistage cure
- Pressure bladder molding of hollow 3D structures
- Intensifier molding

## Assembly Proficiency

- Composite and metallic components using a variety of adhesives and mechanical fasteners.
- Custom precision fixturing
- CNC trimming using mechanical or vacuum fixturing.
- Electronic component assemblies with IPC certified specialists.

## Freezers (0°F)

- 8'x11'
- 10'x18'
- 12'x20'

## CNC Ply Cutters

- Zund G3 2500 with Leigbinger print head
- 14' Autometrix M8

## Laser Projection

- 1000+ ft<sup>2</sup> projection area
- (6) SL Laser ProDirector XS2

## Oven Curing

- Computer controlled
- Remote monitoring
- Max Temperature 500°
- Min (1) thermocouple and transducer per 24 ft<sup>2</sup>
  - 8'x6'
  - 10'x6'
  - 12'x8'
  - 20'x6'
  - 45'x10'

## Quality Inspection

- Leica and FARO Laser Trackers
- Tracker arm with Probe Laser

## Non Destructive Testing

- Dolphicam2 Ultrasound Imaging

## Paint Booth

- 14'x26'