



# Composite Production Capabilities

## Laminate Construction

- 25+ hand lay up technicians
  - All prepreg/vacuum bag trained
    - 250°, 350°, 450° systems
  - Can produce +300 lbs/day autoclave cured laminate

## Autoclave curing (120 psi 450°)

- All computer controlled (ASC)
  - 4' x 6'
  - 6' x 6'
  - 7.5' x 15'
  - 10' x 55'
  - 12' x 40'

## Composite Compression molding

- 19"x24"x14" (35 ton)
- 24"x12"x8" (2) (15 ton)

## Composite Bladder Forming

## Resin Transfer Molding (SQRTM)

## Filament winding

- 6 ft in diameter x 50ft
- 4 axis

## Laser Ply Placement

- 3D Laser Projection
- ~18'x18'

## Large Oven curing

- (8) sizes up to 8'x8'x14'
- New 9' x 22' oven
- Max temperature of 500°

## Paint Booth

- 10' X 14' X 6'

## CNC Ply Cutting

- (3) 288"x52"

## Freezers (-20°F)

- All computer controlled and monitored
  - 54'x14'
  - 20'x8'