

Equipment List

SSI's fabrication expertise is outlined in the table below:

Machine, Weld, & Paint Capabilities

- ✓ Precision mill and lathe
- ✓ 3 and 5 axis CNC mills
- ✓ Sheet metal fabrication: CNC bending/rolling
- ✓ Water jet processing
- ✓ Shot & bead blast, Application of coatings
- ✓ Certified welders

Assembly Capabilities

- ✓ Build-up of sub assemblies into major assemblies
- ✓ Drill, countersink, & rivet
- ✓ Assembly bonding
- ✓ Hydraulic & electrical assemblies
- ✓ Functional test

Ballistic Foam/Composite Capabilities

- ✓ Polyurethane foam spraying Polyurethane foam
- ✓ fabrication and shaping Reticulated polyurethane
- ✓ foam shaping Polyethylene foam shaping
- ✓ 5 axis & 3 axis CNC routers
- ✓ Intumescent and other advanced coatings

Additional Composite Capabilities

- ✓ Wet Lay-up
- ✓ Vacuum bagging
- ✓ Vacuum Infusion Process (VIP) Resin Transfer
- ✓ Molding (RTM) Composite bonding
- ✓ Honeycomb, Rohacell, Divinacell, and other
advanced Composites

We're here to help