



Spotlight: 28186

APPLICATION: SURFACE PREP

INDUSTRY: AEROSPACE

PROCESSED PARTS: COMPOSITE PARTS

PROJECT GOAL: BLAST CLEANING

EQUIPMENT SOLUTION: MODIFIED 7212 PRESSURE BLAST CABINET WITH

FANUC M-20iA AXIS ROBOT

PART HANDLING: 48" SERVO DRIVEN TURNTABLE WITH 6ft TRACK EXTENSION

PRODUCTION RATE: N/A

ORIGINAL PROCESSING METHOD: NEW PROCESS

SPECIFICATIONS:

- **Blast System:** Pressure – 6ft³ Blast Machine
- **Cabinet Size/Type:** 48"(H) x 72"(W) x 72"(D) Work Chamber
- **Media Used:** Aluminum Oxide
- **Number of Nozzles:** 1
- **Nozzle Type:** #5 Boron Carbide
- **Recovery System:** 1200 cfm Cyclone Separator, Urethane Recovery Ducting
- **Dust Collector:** 1200 cfm Reverse-Pulse RPH-3L with Photohelic[®] Gauge
- **Special Equipment:** Robotic Blast System, PLC Controls, 1" Sound-Reduction Foam, Electric Door Interlocks and Neoprene Wall Curtains



Robot PLC Controller

Composite Cowling



PLC Controls



Robotic Arm

