



## INFORMATION & CAPABILITIES



### WELDING

#### Services/Specialties

- Five AWS D17.1 certified welders
- Specification for fusion welding for aerospace applications
- On-site AWS Certified Welding Inspector
- Thin-gage sheet/tubing weld repairs
- Support equipment fabrication & component repairs
- Certified gas tungsten arc welding process
- Gas metal arc welding process

#### Material Capabilities/Class A Welding Certification

- Stainless-47 grades
- Aluminum-19 grades
- Carbon and low alloy steels-28 grades
- Heat Treatable steels, including 4130- 8 grades
- Titanium-13 grades
- Cobalt-based alloys-9 grades
- Nickel-based alloys- 3 grades

### MACHINING/THERMAL SPRAYING

#### Services/Specialties

- One off machining repairs of components
- Design & fabrication of support equipment and tooling
- Thermal spraying of TFE731 HPT turbine engine blades and stators

#### In-House Equipment/Capabilities

- Waterjet
- CNC brake
- 4 axis enclosed CNC
- Aluminum heat treat capabilities: 24" x 24" envelope
- Engraving
- 3-axis tool room/CNC machining: 50" x 25" x 24" envelope
- CNC tool room lathe and CN Mills
- Mil Spec Painting

### PROTOTYPE AND DESIGN

#### Service Capabilities

- Prototype to production
- CAD/Solid Works modeling/AutoCAD drafting
- FAA Repair Station #JGVR194F
- ODA #501013-CE
- PMA #PQ3429-CE

### CONTACT

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