A leader and innovator in the fabrication of turbine engine components
Company Background

- Manufacturer of sheet-metal fabrications and assemblies for the aerospace industry.

- Customers include the major turbine engine OEMs.

- 54 years of continued service.

- Over 100 years of combined engineering experience in the aerospace industry.

- Providing unparalleled specialized services. Including forming, spinning, hydro-forming, roll-forming, machining, CNC turning, welding, multi-axis laser cutting and engineering services.

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Product / Services

Detail

- Spinning, Expanding, Hydro-forming, Roll forming, Bending, and general forming.
- Turning, Milling, CNC Turning
- Tig welding and Resistance welding.
- Most tooling is manufactured in house.
- Provide job shop services, design feasibility, and engineering services.
- Focusing on turbine engine components & assemblies.

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Company Differentiators

- We have a competitive advantage because of our ability to perform almost all operations in house.

- Fabrication, machining, and assembly of high temperature alloys and other difficult to machine/form alloys.

- Secondary operations, i.e. welding, NDT, and laser processing, provide delivery and price advantage over our competitors.

- Employee experience: duration of employment, age, motivated, skilled, & cross trained.

- VSE/ESA approvals

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Capabilites

- Spinning - up to 60” diameter
- Forming up to 60” diameter
- Expanding
- Hydro-forming
- Roll Forming
- Blanking
- Turning- engine lathes & VTL
- Machining - CNC
- Tig Welding - Manual & Automatic
- Resistance Welding
- Assembly - riveting, welding, & brazing
- Laser cutting – up to 7 axis CO2 & Fiber
- Complex sheet-metal
- Engineering
- Inspection - CMM

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Certifications

- **ISO9001 & AS9100 Certified**

- **Quality & Calibration:**
  MIL-I-45208, MIL-Q-9858, Allied Signal SPOC 002, GE S-1000C, MIL-STD-120, MIL-C-45662

- **Fusion Welding:**
  MIL-STD-1595, GE P8TF3, M50T1, TEXTRON P6200, NADCAP, Allied Signal WBS5018

- **Resistance Welding:**
  GE P8TF4, M50T1, MIL-W-6858, NADCAP

- **Laser:**
  GE S422, Allied Signal PNCP52525 & P6063, NADCAP

- Sheet metal products are made to thousands of an inch tolerance depending on size, shape, and material type.

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