Turbine Engine Components



Aerobraze Engineered Technologies

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Turbine Engine Components

For Aerospace and Aviation Applications

Aerobraze Engineered Technologies - Cincinnati, a division of Wall Colmonoy, specializes in the machining, brazing, coating, and complete manufacture of turbine engine components. Aerobraze Cincinnati has more than 60 years of experience supporting major turbine engine OEMs as a Tier 1 Supplier.

Aerobraze Cincinnati has Nadcap certifications in Brazing & Heat Treating, Coatings, Welding, and NonDestructive Testing (NDT). It is also AS9100 / ISO 9001 certified and a FAA-Approved Repair Station.

A Complete Solution

Focused on "repair and refurbish" over replace.

- Metallurgical Coatings
- Brazing Alloy Development Application
- Prototype, Manufacture, and Repair
- Full Range of Machining Capabilities
- Technical Assistance and Expertise

We Machine the Hard Stuff

We offer a full range of machining capabilities for fast flexible turnaround to meet exact customer specifications.

Turning

- CNC Horizontal Lathe (2-Axis) x 4
- CNC Vertical Lathe (2-Axis)

Milling

- CNC Vertical Mill (3-Axis) x2
- CNC Horizontal Mill (5-Axis)

Components:

- Brackets
- Diaphragms
- Diffusers
- Heat Shields
- Honeycomb Seals
- Nozzle Assembly
- Titanium Thrust Links
- Vane Segments



Diffuser



Nozzle Assembly



Vane Segment