

CAPABILITIES

Solving ambitious, complex, and novel engineering challenges.

DIFFERENTIATORS

- **Hybrid Wire-Laser Metal Deposition (w-LMD)**
Fully-dense components made with combined additive/subtractive manufacturing.
- **Low-Volume Production**
Flexible, no MOQ orders.
- **Custom Engineering & Design**
Tailored components for unique requirements; reverse engineering of legacy parts.
- **High-Performance Materials**
Superalloys, heat-resistant alloys, and multi-alloy manufacturing via hybrid methods.

KEY RESOURCES

Hybrid

- CNC + w-LMD (x3)

Subtractive

- Haas UMC-750, 5-axis
- Haas VF-5SS, 3+1-axis (x2)
- Haas VF-2, 3-axis
- Trak Bed Mills (x2)

Additive

- Meltio w-LMD Engines (x3)
- 3DGence F350
- MakerGear M3-ID (x6)

Quality

- Hexagon GLOBAL Scan+ CMM
- Instron Univeral Mechanical Tester

SERVICES

Design & Engineering
Rapid Prototyping
Inspection & Testing
Tooling Design/Repair
Production

MATERIALS

Nickel alloys
Cobalt alloys
Stainless Steels
Carbon Steels
Tool Steels
Titanium
Aluminum
Thermoplastics
& More

INDUSTRIES

Aviation
Space
Defense
Automotive
Industrial
Energy

COMPLIANCE

NIST SP 800-171
DFARS 252.204-7012
CMMC 2.0 Level 2

NAICS CODES

332510	336390
332710	336413
332991	336419
333511	