



# CAPABILITIES STATEMENT

UEI: EB1YJ4M22X59

CAGE: 9XS92

## Overview

CNC machining experts, located in Albuquerque, NM. From prototyping to high-volume manufacturing complex parts, our advanced 5000 sq. ft. manufacturing facility and highly skilled team gives us a competitive advantage to meet the most demanding orders for defense, energy, aerospace and aviation industries.

## Core Competencies

- ❖ **Precision CNC Machining:** Can handle complex geometric shapes and tight tolerances.
- ❖ **Prototyping and Production:** Rapid prototyping and scalable production runs to meet demands.
- ❖ **Finishing:** Comprehensive options including anodizing, heat treatment, plating, and coating.
- ❖ **Materials Expertise:** Proficiency in various materials, including metals, plastics, and composites.
- ❖ **Quality Assurance:** Stringent QMS to ensure all parts meet customer requirements and standards.

## Key Differentiators

- ❖ **Flexible:** Low, medium, & high production of complex machined parts with quick lead times.
- ❖ **Large Parts:** We have a VF8 for large parts.
- ❖ **Single Source:** Most processes are done in-house.
- ❖ **Pillars of success:** excellent experience, friendly service, and fast deliverables.

## Past Performance



## Company Data

**DUNS Number:** 119181213

**CAGE Code:** 9XS92

**UEI:** EB1YJ4M22X59

### NAICS Codes:

- 332710 (Machine Shops)
- 332721 (Precision turned product manufacturing)
- 336412 (Aerospace product & parts manufacturing)
- 339999 (All Other Miscellaneous Manufacturing)

**ITAR Registered:** YES

**SAM Registration:** ACTIVE

**Credit Cards:** YES

**Socio-Economic Status:**  
Small Business





## LINE CARD

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### Custom Machining & Manufacturing

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Precision-machined parts made to customer specifications, from prototype to production. We specialize in mission-critical tolerances and high-performance materials (Aluminum, Steel, Delrin/Acetal, Phenolic Glass, Titanium, etc.).

- **CNC Milling:** 3-axis milling of complex geometries, small to large parts
- **Prototyping:** Rapid and accurate one-off or short-run parts
- **Tight Tolerance Work:** Ideal for aerospace, defense, and energy applications

### Partnered Solutions

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- **Custom Fabrication:** Through our trusted fabrication partner, we provide sheet metal cutting, forming, and welding services to support complete part production. We manage the process to ensure alignment with your specifications, timelines, and quality requirements.

### Engineering Services

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- **Reverse Engineering:** We can digitally recreate existing parts using precision measurement tools, 3D scanning and CAD modeling, enabling reproduction, modification, or documentation of legacy or hard-to-source components. Ideal for retrofit projects, unsupported parts, or design improvements.
- **Programming Assistance:** Expert CNC programming support using customer-supplied models or drawings. Services include toolpath generation, setup optimization, post-processed G-code, and DFM feedback to improve machining efficiency and reduce lead time.
- **Engineering Consulting:** Collaborate with engineers and project leads to refine designs for manufacturability, performance, and cost-efficiency. Services include tolerance analysis, material recommendations, and process planning to ensure parts are optimized for real-world production.

### Finishing & Assembly

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- **Coatings:** Thru our sister company, Valkyrie Coatings: Spray painting, Cerakote, Powder Coating, and Black Oxide, following MIL-SPEC standards and quality control.
- **Cable Assembly:** Install cable assemblies/wire harnesses to customer specifications, using diagrams and soldering techniques. Ideal for integrated components, enclosures, and complex hardware builds. All assemblies are inspected for accuracy, durability, and clean routing.
- **Value-Added:** Based on customer notes, include but are not limited to, deburring, engraving, cleaning parts of oils, tapping, hardware installation and light assembly.

**Equipment Highlights:** HAAS VF-8, VF-3YT, VF-2SS, HARDINGE

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