



# CAPABILITIES STATEMENT - AEROSPACE & DEFENSE

## Company Overview:

ZTECH Precision is a full-service precision machining provider. The principals have 35+ years of experience manufacturing high-precision machined components for the aircraft, aerospace, armament, defense, medical, precision tooling & fixturing, oil and gas, and industrial markets. We understand the unique requirements and nuances of components utilized within these markets. Complex Electrical Discharge Machining (EDM) is our distinctive competency. Our extensive Wire & Sinker EDM experience is complemented by these equally impressive capabilities such as 5 Axis CNC Milling , 7 Axis CNC Turning, Engineering Expertise, Grinding & Finishing, Light Assembly and other auxiliary services. ZTECH's Quality Management System is ISO 9001:2015 registered and the company maintains a reputation for providing the highest quality components and on-time deliveries. ZTECH is a E.O.S. managed company. ZTECH has built a reputation with its customers for innovative solutions and promises kept. The staff at ZTECH understands that success comes down to people, their relationships, and the trust developed between them.

## Manufacturing Services Offered:

- CNC Wire EDM – 5 axis
- CNC Sinker EDM – 5 axis
- CNC Milling – 4 & 5 axis
- CNC Turning – up to 7 axis
- CNC EDM Drilling
- Manufacturing Engineering – CAD, CAM
- Process Engineering
- Quality Engineering – FA, IP, FI
- Reverse Engineering
- Grinding & Finishing
- Internal & External Auxiliary Services

## Certifications / Registrations:

- ISO 9001:2015 certified
- ITAR Registered – Reg Code M34513
- CMMC Compliance
- SAM Registered – CAGE Code 6UM98
- EDM process certified to aerospace prime contractor requirements

## Component Application Examples:

- Aircraft Chassis & Enclosures
- Aircraft and Spacecraft Engine components
- Aircraft interior components
- Aircraft control panels
- Airframe sub-components
- Avionics Housings
- Spacecraft components
- Armament components
- Satellite components
- Medical Devices

## Materials:

- 2000/6000/7000 Series Aluminums
- 300 & 400 Series Stainless Steels
- 15-5 & 17-4 Stainless Steels
- Nitronic 50 & 60
- High-Nickel Alloys (Inconel, Incoloy, and others)
- Carbide
- Engineered Plastics (PEEK, and others)
- Graphite

## Facilities:

- Modern Climate Controlled facility housing Manufacturing, Engineering, and Administration.

## NAICS Codes:

- 332710 Machine Shops
- 332721 Precision Turned Product Manufacturing
- 332994 Small Arms, Ordnance, and Ordnance Accessories Manufacturing
- 333514 Special Die and Tool, Die Set, Jig and Fixture Manufacturing
- 336413 Other Aircraft Parts and Auxiliary Equipment Manufacturing

### Past Performance:

The principals and staff have 30+ years of experience manufacturing high-precision machined components for the aerospace, aircraft, armament, defense, medical, precision tooling & fixturing, and industrial markets. Many past projects required Electrical Discharge Machining which is our distinctive competency with 30+ years of experience. We are an Approved Supplier to a prime government contractor for machined components with an additional certification to perform Electrical Discharge Machining to NASA specifications.

Our staff is experienced in manufacturing components directly and indirectly for BAE Systems, Boeing, Cirrus, GE Power, Honeywell, Rockwell Collins, Collins Aerospace, SpaceX, Tesla, Schlumberger and more.

### SBA Small Business:

We believe your primary reason for doing business with ZTECH will be for our extensive technical abilities, experience, and reputation. ZTECH is an experienced, trustworthy, and quality source of precision machined components for government contracting officers and prime / sub-prime contractor purchasing agents to meet government statutory obligations requiring procurement from small businesses.

### Company Information:



#### Contacts:

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