



CAPABILITIES STATEMENT

Company Overview:

ZTECH Services, LLC (d.b.a. ZTECH Precision) was established in 2009 as a full-service precision machining provider. The principals have 30+ 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 EDM experience is complemented by other capabilities such as CNC Milling – up to 5 axis, CNC Turning – up to 7 axis, Engineering Expertise, Grinding & Finishing, Light Assembly and other auxiliary services. ZTECH’s Quality Management System is ISO 9001 & AS 9100 certified and the company maintains a reputation for providing the highest quality components and on-time deliveries. ZTECH is ITAR registered and possess a CAGE code number. ZTECH has built a reputation with its customers for our 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:

- AS 9100 & ISO 9001 certified
- ITAR Registered – Reg Code M34513
- SAM Registered – CAGE Code 6UM98
- EDM process certified to aerospace prime contractor requirements

Component Application Examples:

- Aircraft Electronic Housings
- Aircraft and Spacecraft Engine components
- Aircraft interior components
- Aircraft control components
- Airframe components (small)
- Avionics Housings
- Armament components (large & small)
- Satellite components
- Spacecraft components

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 (EDM of)
- Engineered Plastics (PEEK, and others)

Facilities:

- One location, 12,500 Sq. Ft. 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, Kaiser Electroprecision, Rockwell Collins, Rosemount Aerospace, SpaceX, Tesla and more. One specific example of our previous work is with several components utilized within the MK-45 Naval Gun including elevation gear sector, extractor arm, and breach block.

SBA Small Business:

Although we believe your primary reason for doing business with ZTECH will be for our extensive technical abilities and experience, ZTECH is also a family owned small business. 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:

DUNS: 009131961
Federal EIN: 26-4276258

Contacts:

Don Zoubek – President
Office 763-635-0033
Cell 763-772-8242
don@ztechprecision.com

Ben Zoubek – VP Oper. Mngr.
Office 763-635-0033
Cell 763-843-3701
ben@ztechprecision.com



6459 144th Avenue N.W.
Ramsey, MN 55303
www.ztechprecision.com



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