CAPABILITY STATEMENT

True Precision Machining, Inc.

CAGE 1LP91 · UEI K69MJLEKXJB3 · NAICS 332710

Precision CNC machining for aerospace, defense, space and medical programs: production milling, mill-turn, 5-axis, Swiss-type turning and wire EDM, made in Buellton, California, since 1998.

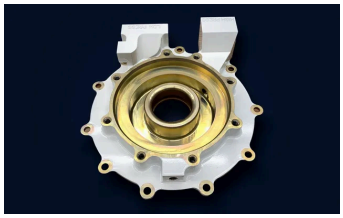
COMPLEX WORK WE MACHINE



Stainless hydraulic manifold
304 stainless · 5-axis, intersecting cross-drilled ports



UAV elevon member
17-4PH stainless · 5-axis from solid



High-pressure pump housing
Aluminum · sealing flange, stepped bore



Titanium lens housing
CP Grade 2 titanium · one mill-turn cycle

CORE COMPETENCIES

5-axis milling. Kitamura Mytrunnion 4G and Doosan DVF 5000 with 8-pallet lights-out automation

Mill-turn, up to 9-axis. Doosan Puma SMX 2600ST B-axis, Puma TT1800SY twin-turret, Mori Seiki NL2500SY live tooling

3- and 4-axis milling. Doosan DNM 4500S (×2), Haas VF-6, Makino S56, Mori Seiki SH503 horizontal

Swiss-type turning. Tsugami B0205-III and B0326II, bar up to 1.26″ dia.

Wire EDM. Fanuc Alpha C400iB and Alpha 1iD

Secondary operations. Surface grinding, vibratory and bead-blast deburr, laser marking (UID), ultrasonic cleaning, clean-bench assembly

Inspection. Hexagon Global S 7-10-7 CMM (2025), Keyence IM-7000 optical and VR-6200 3D profile

Finishing and heat treat. Anodize, plating, passivation and heat treat through vetted partners, including Nadcap-accredited, on one PO

DIFFERENTIATORS

- Prototype through production in one shop, on three shifts with lights-out cells
- Complex parts done in one setup on B-axis mill-turn and 5-axis machines
- Quotes within 24 hours, with a DFM review before we quote
- U.S. production in Buellton, CA; ITAR registered, with secure transfer for controlled drawings
- Full lot traceability in ProShop ERP, from material lot to operator to inspection

QUALITY SYSTEM

- AS9102 first article inspection
- Statistical process control (SPC)
- Traceability to material lot and operator
- NIST-traceable calibration on a 1-year cycle
- Vendor quality codes Q1–Q23 flowed to our suppliers

INDUSTRIES SERVED

- Aerospace
- Defense
- Space and satellite
- UAV and unmanned systems
- Medical devices
- HPC and liquid cooling
- Cryogenic and quantum

MATERIALS WE RUN MOST

- Aluminum: 6061, 7075, 2024, MIC-6
- Titanium: Ti-6Al-4V
- Alloy and tool steels: 4130, 4140, 4340, A2, D2, H13
- Plastics: PEEK, Ultem, Delrin
- Stainless: 304, 316L, 17-4PH, 17-7PH
- Nickel alloys: Inconel 718, Hastelloy C-276, Monel 400
- Copper alloys: C110, C360, C932, beryllium copper

COMPANY DATA

CAGE	**1LP91**
UEI	**K69MJLEKXJB3**
Founded	1998
People	About 50 employees, three shifts
Facility	17,000 sq ft, Buellton, CA

NAICS

332710 Machine Shops (primary)

332721 Precision Turned Product Manufacturing

336413 Other Aircraft Parts and Auxiliary Equipment Manufacturing

332313 Plate Work Manufacturing

CERTIFICATIONS AND COMPLIANCE

AS9100D + ISO 9001:2015
Amtivo #263652, valid to Nov 29, 2027

ITAR
Registered with DDTC

CMMC
Compliant for CUI (NIST SP 800-171)

DFARS 252.225-7009
Specialty metals compliant

DPAS
Rated-order capable

PART ENVELOPE

Vertical milling	64″ × 32″ × 30″
5-axis milling	24″ × 24″ × 19.7″
Mill-turn bar	up to 3.2″ dia.
Swiss bar	0.12″–1.26″ dia.
Wire EDM	23.6″ × 15.7″ × 12.2″

CONTACT

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