UAS + COUNTER-UAS

PRECISION EXPEDITED

precisionexpedited.com

Drone parts that **pass the sourcing audit.**

Airframe fittings, motor mounts, gimbal housings, payload enclosures, and harnesses for drone and counter-UAS programs. DoD sourcing rules for drone components, from motors and batteries to flight controllers, phase in through 2027. Precision Expedited sources from US vendors in our network and documents where every part was made. The same contact stays on your program from the first 50 units to the next 5,000.

How We Review It

Your project manager and a technical lead review every print within 24 hours. For UAS work we flag weight and wall thickness risks, confirm material and finish callouts, and route the job to a domestic shop sized for your volume, whether that is a prototype lot or a production run.

What We Source

Matched to domestic shops sized for your volume.

- **Airframe Fittings** · Machined aluminum
- **Motor Mounts + Arm Tubes** · Milled and turned
- **Gimbal + Sensor Housings** · Light and rigid
- **Payload Enclosures** · Machined or formed
- **Sheet Metal Chassis** · Ground stations, racks
- **Counter-UAS Hardware** · Sensor and effector mounts
- **Additive Parts** · Fast-turn prototypes
- **Wire Harnesses** · Built to print

Specifications

- **Tolerances:** ±0.005" standard, to ±0.001" on critical features
- **Materials:** 6061 + 7075 aluminum, titanium, stainless, PEEK, nylon
- **Processes:** CNC milling, turning, sheet metal, additive, harness assembly
- **Sourcing:** Domestic vendors, country of origin documented
- **Documentation:** Material certs + inspection records, FAI on request
- **Quote review:** Within 24 hours

Before It's Built

Drone programs scale fast, and parts designed for a prototype don't always survive a production lot. We check which features drive cost at volume, where weight can come out without losing stiffness, when a part should move from additive to machined, and whether every vendor in the chain meets your domestic sourcing rules. You hear about it before the quote goes out.

Quality + Compliance

ISO 9001:2015 | AS9100D Compliant | ITAR Registered

NIST 800-171 Compliant | Tolerances to ±0.001"

Inspection before shipment | Domestic sourcing

Built Fast. Built Right.

Send us your files.

Scan or visit **precisionexpedited.com/contact**