LEADTECH INC.

AI · TECHNOLOGY · DEFENSE

DoD CAPABILITY STATEMENT

Unmanned Aircraft Systems — Design, Manufacture, Test & Sustainment

CAGE CODE	UEI (SAM.gov)	BUSINESS SIZE (EMPLOYEES)	OWNERSHIP
24Q16	**Y8J2ASGYWVP9**	**Small Business — under 1,500**	**100% U.S. owned — no FOCI**

850 Stephenson Highway, Suite 115, Troy, MI 48083 · leadtechinc.com · Michael Seifert, President

PRIMARY NAICS **336411** Aircraft Manufacturing — complete unmanned aerial vehicles and UAS platforms

SECONDARY NAICS 336413 Other Aircraft Parts & Auxiliary Equipment · 336412 Aircraft Engine & Engine Parts · 334511 Search, Detection, Navigation & Aeronautical Instruments · 334290 Other Communications Equipment · 332710 Machine Shops · 541330 Engineering Services · 541715 R&D in Physical & Engineering Sciences · 811219 Electronic & Precision Equipment Repair

PSC / FSC 1550 Unmanned Aircraft · 1560 Airframe Structural Components · 1610 Aircraft Propellers & Components · AC2x R&D Defense Systems · J015 Maintenance & Repair, Aircraft Equipment

CORE CAPABILITIES

- **Ground-up sUAS design and build.** Airframe design and structural fabrication, propulsion and power integration, flight-controller and avionics integration, harness build, payload mounting, final assembly, bench and flight test.
- **Drone parts and subassemblies.** Airframes, arms and booms, motor mounts, landing gear, payload and gimbal brackets, electronics housings, battery trays, fixtures and tooling — machined, printed, and cut from in-house carbon fiber plate.
- **Prototype to production engineering.** CAD modeling, design-for-manufacture review, rapid iteration, first-article build, tooling design, and technical data package development.
- **Batch production and surge** — low-rate initial production through repeat lots, with configuration control across batches.
- **Sustainment** — spares, field-replaceable modules, repair kits, depot-level rebuild, and operator/maintainer documentation.

MANUFACTURING & EQUIPMENT CAPABILITIES

- **Facility in development: 10,000 sq ft, Troy, Michigan** — site selection underway.
- **CNC machining** — precision aluminum and polymer structural parts, mounts, fixtures, and tooling.
- **Industrial additive manufacturing** — FDM in carbon-fiber-reinforced and high-temperature polymers (PA-CF, PETG, ASA) for airframes, housings, and jigs.
- **In-house carbon fiber plate fabrication** — layup, press, and cure of CFRP plate stock, CNC-cut to finished airframe plates, arms, and brackets; ply schedule and thickness set to the design, not catalog stock. Trimming and bonding in house.
- **Electro-mechanical integration bench** — harness fabrication, soldering and rework, continuity and insulation verification, power-system assembly.
- **Serialized assembly cells** — build travelers per unit, with lot and revision control.
- **Designed batch capacity: 500 to 3,000 units per 60-day production cycle per configuration**, using the in-house equipment set plus committed assembly-cell and second-shift expansion. Scaled by adding cells, not re-tooling. *Available for verification by pre-award survey or facility visit.*

QUALITY, TEST & TRACEABILITY

- Documented quality system built on **AS9100D / ISO 9001 principles** — controlled procedures, revision control, internal audit, corrective and preventive action.
- **First article inspection** on the AS9102 model; in-process inspection at defined gates; dimensional verification against released drawings.
- **100% acceptance test of every delivered unit** to a written ATP — power-up, motor and control function, thrust and vibration, endurance and range — with a signed data record per serial number.
- **Full traceability** — serialized units, lot control on critical components, retained supplier certificates of conformance, component-level country-of-origin records.
- Nonconformance tagging, root-cause analysis, government-witnessed inspection on request.

REGISTRATIONS & CERTIFICATIONS

- **CAGE Code 24Q16** · SAM.gov UEI **Y8J2ASGYWVP9** · Small business under the 1,500-employee SBA standard for NAICS 336411 and 336413.
- **ITAR / DDTC registration** — to be completed before manufacture of USML Category VIII articles; export compliance program for those articles and their technical data.
- **CMMC / NIST SP 800-171** — Level 1 (Self) assessment and SPRS affirmation planned; DFARS 252.204-7012 safeguards before any CUI handling.
- **FAA Part 107** remote pilot certification planned; Remote ID compliant builds.
- **AS9100D certification and Green UAS → Blue UAS Cleared listing** — planned; quality system and supply chain built to those standards. Full status in **Annex A**.

DIFFERENTIATORS

- **100% U.S. designed, manufactured, and assembled.** Sourcing controlled to exclude covered foreign entity content — flight controllers, radios, cameras and gimbals, data links, ground control, data storage — consistent with **FY2020 NDAA § 848** and the **American Security Drone Act (FY2024 NDAA)**.
- **Michigan production, three hours from the test range.** Design, fabrication, assembly, and test consolidated in one 10,000 sq ft Troy, Michigan plant now being stood up — about three hours from Camp Grayling and the NADWC, DoD's designated national UAS test site and one of four Army ranges opened to industry.
- **No foreign ownership, control, or influence.** Single U.S. beneficial owner and a wholly owned U.S. corporate structure — a clean ownership chain for supply-chain and cybersecurity review.
- **Vertically integrated and self-funded.** Backed by an affiliated holding company under common ownership: own facility, own working capital, in-house back office, including in-house carbon fiber plate fabrication. No outside landlord, investor, or financing dependency on delivery.
- **Building the team.** LeadTech is early-stage and recruiting engineers, UAS operators and veterans whose field experience will shape airframe, handling, and maintainability decisions: leadtechinc.com/about.html#join
- **Small-batch agility.** Configuration changes between lots without prime-contractor retooling cycles; additive and subtractive manufacturing under one roof shortens design-to-part time to days.
- **Founder-led decision authority.** Quotes and engineering changes are approved same-day by the principal.

RELEVANT EXPERIENCE

An emerging defense supplier with no prior past performance in unmanned systems. What the company offers instead is verifiable:

- **Hands-on founder** — flies drones; flight electronics taken down to the component level, soldered and rebuilt by hand.
- **Hands-on fabrication** — carbon-fiber parts made by hand, direct experience with CNC machines and 3D printers, and a working understanding of the manufacturing processes behind them.
- **Autonomy R&D on NVIDIA Jetson Nano and Jetson Orin** — flight software for GPS-denied navigation and autonomous flight; thermal, infrared and visible-camera integration; training of the onboard software.
- **Building and leading businesses since 2002** — construction, finance, and technology companies. Budgets, schedules, suppliers, inspection and back office: the discipline that turns prototypes into delivered lots.
- **70+ full-cycle construction and renovation projects since 2020** — each managed against a fixed budget and schedule.
- **Offered in lieu of past performance:** pre-award facility survey, prototype demonstration, first-article submission, and a sample build against government-furnished requirements.

ALIGNMENT WITH DOD PRIORITIES

Built for what the Department has put at the center of small-UAS acquisition: **domestic capacity that can surge**, **low-cost attritable airframes in repeatable lots**, **a supply chain free of covered foreign entity content**, **open architecture that accepts government-furnished payloads, radios, and autonomy software**, **cybersecure data handling**, and **a cost structure that keeps unit price low**. LeadTech conforms to the specification, the CDRLs, and the delivery schedule as written, and documents conformance.

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