



Time-sensitive cold-chain drone logistics and connected-sensor IoT cold-storage monitoring for healthcare, emergency-management, and energy missions — headquartered in Raleigh, NC and deployable nationwide for federal requirements — delivering documented temperature-excursion alerting and audit-ready GDP chain-of-custody records. SAM.gov-active and proposal-ready today (UEI UDL1T5XAFXC6); NDAA-compliant operating model with a strict dual-fleet firewall separating federal and commercial operations — government and healthcare missions fly the NDAA-compliant fleet.

SAM.GOV ACTIVE

FAA PART 107

NDAA-COMPLIANT

SBA 8(a) — BUILDING ELIGIBILITY

MINORITY-OWNED

CORE COMPETENCIES

- **Cold-chain medical & vaccine drone logistics** — GDP chain-of-custody, temperature-verified, HIPAA-capable delivery records
- **Connected-sensor cold-storage monitoring (IoT) — documented excursion alerting; GDP-aligned audit reporting. Supplementary monitor, not a VFC data logger**
- **Disaster-response & EOC logistics** — FEMA EMPG-eligible subcontracting; situational-awareness sensor grids
- **Secure federal drone logistics** — chain-of-custody specimen/evidence transport on an NDAA-compliant fleet (planned)
- **Energy-component logistics** — time-sensitive solar/wind component delivery with traceable custody records
- **UAS inspection & geospatial data** — FAA Part 107 / LAANC; structures, roofs, and sites

DIFFERENTIATORS

Proprietary Mission Control operations platform (part of the AIRWORKS platform) — NDAA-segregated fleet routing enforced at the systems level, with auditable flight, job, and chain-of-custody records for every mission.

- **Proposal-ready now** — SAM.gov active, UEI UDL1T5XAFXC6 · CAGE 20J80
- **NDAA-compliant operating model** — planned federal fleet: Parrot ANAFI USA GOV (primary), Skydio X10 BVLOS (Year 2)
- **Connected-sensor cold-storage monitoring — 60-day no-cost pilot, no IT setup, documented excursion alerts**
- **Minority-Owned Small Business**
- **ECSU MOU in development** — NC's only FAA-approved 4-year UAS degree pipeline (talent + teaming)
- **Thirteen aligned NAICS lines across air transport, courier, warehousing, IoT/data, and logistics consulting**

One platform behind every mission: **AIRWORKS.**
One standard behind every deliverable: **Verified Chain of Custody.**

PAST PERFORMANCE & RELEVANT EXPERIENCE

New federal entrant; commercial, enterprise, and demonstration experience shown. Client references available on request.

- **Commercial UAS Inspection** — Raleigh, NC. Scope: structural/roof/site aerial inspection & reporting (FAA Part 107). Period: 2026–present.
- **Enterprise Data & BI Leadership (Founder).** Scope: BI, data governance & master data management for Fortune-500 healthcare/tech (Cisco, NetApp, GlaxoSmithKline). Period: 2007–2024.
- **IoT Cold-Chain Architecture.** Scope: Milesight UG65 + Dragino LHT65N + MW AIRLIFT™ Cloudflare worker configured; GDP-aligned audit templates & alerting. Period: 2026.
- **President, Heart of Carolina Chapter — Tuskegee Airmen, Inc.** Scope: chapter leadership, financial oversight, and aviation/aerospace STEM mentorship; community engagement aligned with ECSU's HBCU aviation pipeline. Period: 2022–present.

COMPANY SNAPSHOT

MW AIRLIFT™ is a Raleigh, NC-based drone-logistics and IoT cold-chain monitoring company, moving time- and temperature-sensitive payloads and delivering real-time monitoring for healthcare, emergency-management, and energy missions.

Founded 2019 (M.W. Energy Logistics LLC; relaunched as MW AIRLIFT™, 2026)

Employees Founder-led; teaming network engaged

Revenue Startup (under \$1M)

Service Area North Carolina — Triangle, Eastern & Coastal NC (commercial) · Deployable nationwide (federal)

Bonding Not currently bonded

✓ VERIFIED CHAIN OF CUSTODY

Every mission file sealed at capture — cryptographically verifiable, audit-ready. Verifiable by anyone — no account, no software.

PART OF THE AIRWORKS PLATFORM

CODES & CERTIFICATIONS

SAM UEI: UDL1T5XAFXC6

CAGE Code: 20J80

Certifications & status:

- Minority-owned small business
- SBA 8(a) — building eligibility (preparing to file)
- FAA Part 107 certified operator
- NDAA-compliant operating model (federal fleet planned)

NAICS CODES

- **481219** Primary — Other Nonscheduled Air Transportation
- **488999** All Other Support Activities for Transportation
- **492110** Couriers & Express Delivery
- **492210** Local Messengers & Local Delivery
- **493110** General Warehousing & Storage
- **493120** Refrigerated Warehousing & Storage
- **518210** Computing Infrastructure, Data Processing & Hosting
- **541350** Building Inspection Services
- **541519** Other Computer Related Services
- **541614** Process, Distribution & Logistics Consulting
- **541990** All Other Professional, Scientific & Technical Services
- **561210** Facilities Support Services
- **562998** All Other Misc. Waste Management Services

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