



NUAIR DEFENSE

COMMAND THE EDGE

UAS & Counter-UAS Readiness Accelerator

Accelerate, Validate, & Dominate the Low-Altitude Domain.

Existing air traffic systems have visibility in less than 3% of low-altitude airspace below 6,000 ft – leaving defense and homeland missions with a critical gap. NUAIR's FAA-accepted Surveillance-as-a-Service (SaaS) fills that gap with a mission-ready, low-altitude air picture – fielded fast, without a new program burden.

Proven across 1,900 square miles of active BVLOS range, this infrastructure delivers operational intelligence, threat awareness, and C2-integrated counter-UAS decision support. Units can integrate existing sensors, networks, and workflows – gaining real-time situational control in contested domains.



FAA-Accepted BVLOS Operations in controlled and uncontrolled airspace.

Hardware-Agnostic Integration: connect existing sensors and counter-UAS systems.

Turn-Key Deployment: minimize procurement, accelerate fielding.

Digital-Twin Airspace Awareness: monitor, triage, and respond instantly.

Continuous Sustainment: NUAIR provides the platform, onboarding, and lifecycle support.



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Prove | Validate | Certify

- Stress-test air, land, and maritime systems under real BVLOS and MIL-STD conditions.
- Validate and certify next-generation platforms faster through live-range operations and FAA-recognized safety infrastructure.
- Gain confidence from flight planning to threat detection – with a shared, cost-effective model designed for scalable operations.



Employ | Operate | Defend

- The NUAIR stack fuses multi-sensor feeds into a Common Operating Picture (COP), paired with digital-twin awareness and real-time counter-UAS response tools.
- Crews can detect, identify, and neutralize aerial threats while coordinating secure joint operations across units.



Sustain | Maintain Mission Readiness

- NUAIR provides continuous sustainment and analytics to keep your system mission-ready at operational tempo.
- Whether validating new UAS platforms or defending critical infrastructure, SaaS keeps you connected to every aircraft, every event, every second.

Applications

- Installation & Flightline Defense
- Defense Technology Validation
- Disaster Response & Recovery
- Critical Infrastructure Protection
- Readiness & Joint Training
- Border, Port, & Maritime Defense

