

PRI ONE AERO, LLC

— CAPABILITIES STATEMENT

Company Overview

Pri One Aero is a veteran-led flight test and evaluation company specializing in high-risk, high-complexity aviation programs. We provide independent, technically rigorous assessments across electromagnetic environments, mission systems, and advanced aviation platforms. Our team includes U.S. Navy aviation veterans, NTPS-trained test professionals, and SMEs in E3/EMC, EW, UAS, and mission systems integration.

Core Competencies

Electromagnetic Environmental Effects (E3/EMC)

- MIL-STD-461 and MIL-STD-464 compliance
- EMC/EMI assessments
- HIRF, lightning, and RF coupling evaluations
- E3 test planning, execution, and reporting

Developmental Flight Test

- Test plan development
- Mission systems integration testing
- Sensor, comms, and avionics evaluations
- Data collection, reduction, and analysis

Operational Test & Evaluation (IOT&E)

- Operational effectiveness, suitability, and survivability assessments
- OT scenario design
- Mission-level performance evaluations
- Threat-representative environment assessments

UAS Test & Integration

- Group 1–5 UAS integration
- RF assessments
- Mission systems testing
- Flight test planning and execution

Electronic Warfare & Survivability

- EW system performance assessments
- C-UAS evaluations
- RF threat modeling
- Survivability analysis

Test Hazard Analysis (THA)

- Comprehensive THA development
- Structured risk identification and mitigation
- Flight and ground test safety support

Differentiators

- Veteran-led team with operational and test experience
- NTPS-trained flight test professionals
- Independent, unbiased analysis free from programmatic pressure
- Deep expertise across 5th-generation platforms, unmanned systems, and advanced air vehicle and weapons technologies
- Rigorous safety discipline and THA methodology
- Mission-focused, data-driven decision support

Company Data

Company Name: Pri One Aero, LLC

Location: Lusby, MD (Virtual Office)

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CAGE Code: Pending

NAICS Codes:

- 541330 – Engineering Services
- 541715 – R&D in Physical, Engineering, and Life Sciences
- 541690 – Other Scientific and Technical Consulting
- 488190 – Other Support Activities for Air Transportation
- 336413 – Other Aircraft Parts and Auxiliary Equipment Manufacturing