

# **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 5<sup>th</sup>-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:** 18YM7

### **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