



Vanilla Unmanned Ultra-Long Endurance UAS

Technology Readiness Level (TRL) 7 Group III UAS
World Record Endurance¹

Vanilla Unmanned provides unmatched endurance with significant mission payloads at an attritable cost point

Vanilla is ideally suited to address persistent ISR requirements across the globe

AIRCRAFT

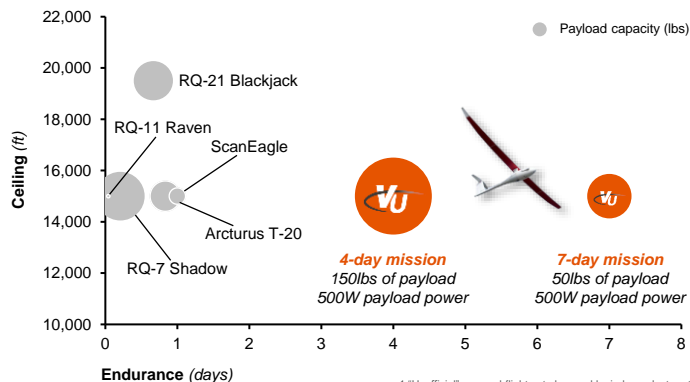
- Up to 10-days endurance
- Up to 15,000NM range
- 75 kts (dash)
- 50-60kts (loiter)
- 15,000ft operating ceiling
- 36ft wingspan
- VTOL variant²

PAYLOADS

- Up to 150lbs
- Up to 1,000W
- 5x payload mounts
- Mod-Payload capable²
- Multi-INT on a single flight
- Payload-directed flight planning

- Carries EO/IR, WAMI, RADAR, SIGINT, and/or MAD sensors
- Fully autonomous launch & recovery
- Waypoint-guided autonomous flight
- Multiple SATCOM and RF datalinks for BVLOS operations
- Truck-launch enables operations from forward locations

PERFORMANCE COMPARED TO GROUP I-III UAS



CONTACT

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INDUSTRY LEADER IN
RAPID PROTOYPING,
AEROSPACE SERVICES,
AND ISR SYSTEMS

Platform Aerospace is an industry leader in **rapid aircraft and UAV modification and system integration** through our **world-class engineering, design, analysis and fabrication teams**. We take your project from the laboratory to fully functional in **aggressively quick turnarounds**. We are dedicated to excellence and our clients' mission success while dramatically reducing risk through our 27 years of experience and training.

KEY QUALIFICATIONS & DESIGNATIONS



DUNS Number
944534809

CAGE Code
1BNV2

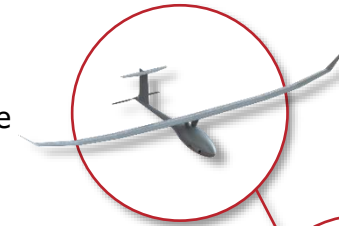
NAICS Codes

115310	332510	332999
335999	336411	336413
488190	541330	541715

ISR SYSTEMS

VANILLA UNMANNED

Disruptive UAS with world-record endurance and unmatched cost profile



MULTI-SYSTEM PALLET

Modular system that instantly converts C-130 transport aircraft into covert ISR platforms

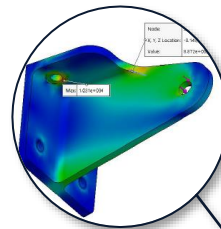


CICADA SWARM MICRO-UAS

Micro-disposable swarm gliders to covertly "seed" electronic sensors

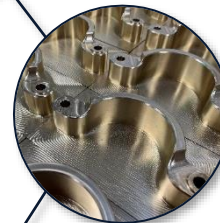


RAPID PROTOTYPING & SERVICES



DESIGN

Design engineering, CFD modeling, and reverse engineering of out-of-production components



FABRICATION

Manufacture of high-complexity multi-axis components, large-scale 3D printing, electrical kits, and complete air-worthy assemblies



MODIFICATION & MAINTENANCE

Expertise modifying and maintaining fixed-wing, rotary, unmanned, and lighter-than-air aircraft for defense, law enforcement, and civil operators



PROFESSIONAL SERVICES

Airworthiness certifications and customer-dedicated engineering and technology services