PERFORMANCE DRONE WORKS

AM

The Utility Player | Mission-Configurable Attritable Multirotor



Built To Adapt. Ready To Scale.

AM combines reusable and attritable capabilities in a single Group 1 UAS. Its modular design lets operators configure the aircraft for ISR, payload delivery, or strike and add mission-specific autonomy as needs evolve. Operators can transition between reusable missions and attritable strike on the same platform without introducing a new operating environment, support model, or training burden.

- Rapid arm and payload changes
- Stable live digital video and control
- Autonomy-enabled mission execution
- NDAA-compliant
- Engineered for scalable U.S. production

AM Specifications

10” Base Configuration

NDAA Compliant

DIMENSIONS	24.6 x 16.9 x 9 inches fully assembled
ENDURANCE	35 minutes slick; up to 18 minutes with 5 lb payload
RANGE	Up to 6.2 miles (10 km)
PAYLOAD CAPACITY	5 lb
WEIGHT	7 lb with battery
RADIO	Doodle Labs Helix | 1790-1850 and 2400-2510 MHz (M2, M6)
OPERATIONAL TEMPERATURES	–4°F to 134.6°F (–20°C to 57°C)
MAX ALTITUDE	12,000 ft MSL
INGRESS PROTECTION	IP54

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AM





Built Around The Mission

Mission Packs combine the hardware and software needed for specific operational requirements. Each includes unique combinations of payloads, interfaces, propulsion, batteries, software, and autonomy optimized for the mission at hand.

Mission Pack	Components	Use Case
BASE CONFIGURATION	Includes AM base chassis plus 10” arms, EO camera, and propellers	The essential components to get AM mission-ready; provides a foundation you can configure as your needs evolve.
EXTENDED PERFORMANCE	15-inch configuration	Extend AM’s range, endurance, and payload capacity for missions requiring greater reach or lift.
NIGHT ISR	Swappable low-light sensor	Observe and navigate in low-light conditions with an interchangeable low-light camera.
PAYLOAD DELIVERY	MRD-L Mechanical Release Device Lite	Carry and release mission-specific equipment or kinetic payloads through a controlled mechanical release interface.
PRECISION STRIKE	Kraken Kinetics SDFD payload	Configure AM for operator-controlled precision effects using an integrated Kraken Kinetics payload.
FIBER OPTIC CONTROL	L3 MDF Micro-Diameter Sled	Maintain a direct operator-to-aircraft control link when radio-frequency control is denied, degraded, or undesirable.

Booz Allen Mission Autonomy Software

Booz Allen x PDW

Booz Allen’s new mission autonomy software, powered by Shield AI’s Hivemind, supports autonomy-enabled mission execution, helping operators execute parts of the mission workflow with reduced manual control while retaining mission decision-making authority. Customers can operate AM in its base configuration or add Booz Allen’s autonomy software to enable autonomy-assisted perception and operator-authorized effects delivery within a single mission workflow. These capabilities are designed to reduce cognitive burden and help operators make faster, informed decisions while preserving their control over mission outcomes.

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