WASP® AE ALL ENVIRONMENT // RQ-12A

Wasp AE is the all-environment version of the battle proven Wasp III Micro Air Vehicle (MAV). With special design considerations for maritime and land operations, Wasp AE delivers exceptional features of superior imagery, increased endurance and ease of use that is inherent in all AeroVironment UAS solutions. This lightweight, unmanned aircraft system (UAS) is operated by AeroVironment's battle proven Ground Control Station (GCS). This common GCS is also compatible with Raven® and Puma™ AE.

DISTINCTIONS

»» LINK RANGE
5 km

»» WINGSPAN
3.3 ft (1 m)

»» LENGTH
2.5 ft (0.8 m)

»» WEIGHT
2.9 lb (1.3 kg)

»» ENDURANCE
50 min

Wingspan: 3.3 ft (1 m)
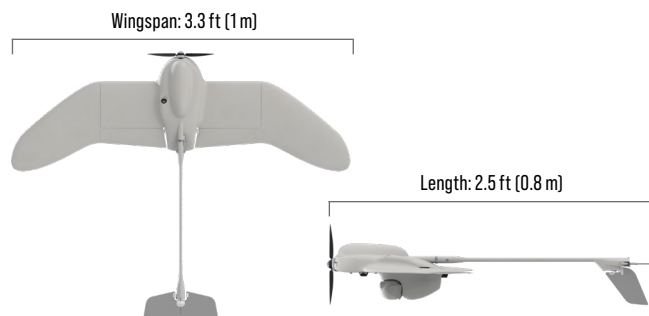
Length: 2.5 ft (0.8 m)

SPECIFICATIONS

PAYLOADS	Gimbaled payload with pan and tilt stabilized high-resolution EO & IR camera in a compact aerodynamic modular payload
LINK RANGE	5 km
ENDURANCE	50 min
SPEED	Cruise: 43 km/h (23 kts), Dash: 83 km/h (45 kts)
OPERATING ALTITUDE	300 ft (91 m) AGL, typical Max. launch 10k ft (3,048 m) MSL
WINGSPAN	3.3 ft (1 m)
LENGTH	2.5 ft (0.8 m)
WEIGHT	2.9 lb (1.3 kg)
GCS	Common GCS with Raven®, Puma™ AE, and Puma LE
LAUNCH METHOD	Hand-launched in a confined area with remote launch capability
RECOVERY METHOD	Deep-stall landing in a confined area

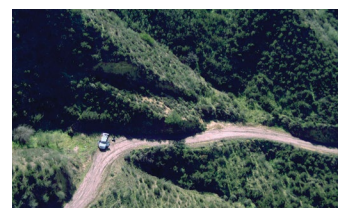## KEY FEATURES

» *Man packable*

» *Hand-launched*

» *All Environment*

» *50 minute endurance*

» *Digital Data Link*

» *Deep-stall landing in a confined area*

» *Gimbaled EO & IR Payload*

» *Quiet to avoid detection*

» *Operates autonomously providing persistent ISRT (Intelligence, Surveillance, Reconnaissance and Targeting data)*

Wasp is landed and recovered in water

Downlink imagery from EO camera

AeroVironment™

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