

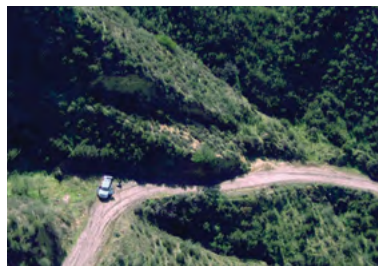
Wasp[®] AE RQ-12A



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[®], Puma[™] AE, and Shrike VTOL[™].



Wasp is landed and recovered in water



Downlink imagery from EO camera



SPECIFICATIONS

PAYLOADS	Gimbaled payload with pan and tilt stabilized high resolution EO & IR camera in a compact aerodynamic modular payload
RANGE	5 km Line-of-Sight, 5+km with DDL relay
ENDURANCE	50 min
SPEED	20 knots cruise, 45+ knots dash
OPERATING ALTITUDE (TYP.)	500 ft (152 m) AGL
WINGSPAN	3.3 ft (102 cm)
LENGTH	2.5 ft (76 cm)
WEIGHT	2.85 lbs; 1.3 kg
GCS	Common GCS with Raven, Puma and Shrike
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
- Deepstall Landing in a Confined Area
- Gimbaled EO & IR Payload
- Quiet to avoid detection
- Operates autonomously providing persistent ISRT (Intelligence, Surveillance, Reconnaissance and Targeting data)