



Wasp AE

Overview

The Wasp AE Micro Air Vehicle (MAV) is the all environment version of AeroVironment's (AV) battle proven Wasp III. 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 AV UAS solutions.

Operating virtually undetected, Wasp AE's mechanically stabilized EO/IR gimballed payload transmits advanced imagery even in high winds for mission effectiveness. It also features hand-launch capabilities, with a deep-stall landing in confined areas on land or water.

Wasp AE uses system components common to AV's other UAS platforms, including AV's Ground Control Station utilized for Wasp III, Raven B and Puma AE.



Features

- Man Packable
- Hand-launched
- All Environment
- 50 Minute Endurance
- Digital Data Link
- Deepstall Landing in a Confined Area
- Gimballed EO & IR Payload
- Quiet to avoid detection
- Operates autonomously providing persistent ISRT (Intelligence, Surveillance, Reconnaissance and Targeting data)

Specifications

Payloads	Gimballed 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 AGL, 150 m AGL; max
Wing Span	3.3 ft (102 cm)
Length	2.5 ft (76 cm)
Weight	2.85 lbs; 1.3 kg
GCS	Compatible with FoS (Raven DDL, Puma DDL)
Launch Method	Hand-launched in a confined area with remote launch capability
Recovery Method	Deep-stall landing in a confined area

