



WASP II

The Wasp Micro Air Vehicle (MAV) is a small, portable, reliable, and rugged unmanned aerial platform designed for front-line day/night reconnaissance and surveillance. Wasp is the result of a multi-year joint development effort between AV and the Defense Advanced Research Projects Agency (DARPA).

With a wingspan of 41 cm and a weight of 275 grams the Wasp is AV's smallest UAS. Wasp can be manually operated or programmed for GPS-based autonomous navigation.

To ensure system interoperability, Wasp uses the same advanced technology found in other AV small UAS systems, such as Raven RQ-11B, Swift and Puma, and is controllable through a common Ground Control Station.

Mission Descriptions	Organic Squad-Level Reconnaissance & Surveillance, Advanced Reconnaissance and Light Infantry Military Operations on Urban Terrain (MOUT).
Features	Miniature Size, Ruggedized and Waterproof for use on Land and Sea, Hand-Launched, Autonomous Flight, GPS, Altimeter, Autonomous Navigation, Common Ground Control Station as Raven, Puma and Swift.
Payloads	Forward- and Side- Look EO Cameras
Range	2 km to 4 km Line-of-Sight
Endurance	45 - 60 minutes
Speed	40-60 km/h
Operating Altitude (Typ.)	50-1,000 ft AGL, 15-300 m AGL
Span	1.37 ft (41 cm)
Length	0.5 ft (15 cm)
Weight	0.6 lb/275 g (Land)
Launch Method	Hand-Launched or Optional Hand-Held Bungee Launcher from Covered Position
Recovery Method	Horizontal Land

website: www.avinc.com phone: 805.581.2187