

Switchblade®



AeroVironment's combat proven Switchblade continues to provide conventional and special operations forces with a back-packable, rapidly deployable, loitering precision strike munition for use against beyond-line-of-sight (BLOS) targets.

This miniature flying lethal missile can be operated manually or autonomously. Switchblade provides the operator with real-time video and Cursor-on-Target GPS coordinates for information gathering, targeting, or feature/object recognition.

The vehicle's small size and quiet motor make it difficult to detect, recognize and track even at very close range. The Switchblade is fully scalable and can be launched from a variety of air, sea, and ground platforms.



Top View



Bottom View



Front View

SPECIFICATIONS

FIRE CONTROL SYSTEM	Interoperable with Common Ground Control Station for Puma™ AE, Raven®, and Wasp® AE
TARGETING OPTICS	Dual front and side look EO cameras and IR nose camera. Stabilized electronic pan-tilt-zoom
RANGE	10 km range backpack with 15 km–45 km options
ENDURANCE	15+ minutes
SPEED	63 mph cruise, 100 mph dash
OPERATIONAL ALTITUDE	Below 500 feet AGL (ceiling >15,000 feet MSL)
WEIGHT	Approx. 5.5 lbs (2.5 kg), fits inside Rucksack, (includes payload, launcher and transport bag)
LAUNCH METHOD	Self contained ground launch and multi pack
OBSERVABLES	Very small visual, thermal and acoustic signatures
LETHALITY	Precision strike with very low collateral damage
OPTIONAL LAUNCH PLATFORMS	Air vehicle, ground vehicle, water craft, multi pack, etc.
PAYLOAD	Orbital ATK advanced munition

KEY FEATURES

- Tube launch
- Precision Strike
- Operator selectable low collateral effects
- Able to engage targets
- Rapidly Deployable in < 2 min
- Automated waypoint navigation
- Effective against stationary and moving targets
- Wave-off/recommit capability
- Modular Payload
- Secure digital C2
- One man operation
- Back-packable

VERSION: 03212017



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