AeroVironment’s combat proven Switchblade 300 continues to provide conventional and special operations forces with a back-packable, rapidly deployable, loitering precision strike missile for use against beyond-line-of-sight (BLOS) targets, from either mobile positions in the field or from fixed defensive position for base security.

This miniature flying lethal missile can be operated manually or autonomously. Switchblade 300 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. Switchblade 300 is fully scalable and can be launched from a variety of air, sea, and ground platforms.
Backpackable Tactical Missile System

KEY FEATURES

» Tube launched
» Precision strike
» Operator selectable low collateral effects
» < 2 minute system setup and launch
» Automated waypoint navigation
» Effective against stationary and moving targets
» Patented wave-off/recommit capability
» Modular payload
» Secure digital C2
» One-man operation
» Backpackable

DISTINCTIONS

» RANGE
  10 km

» ENDURANCE
  15 min

» WEIGHT
  5.5 lb (2.5 kg)

» SPEED
  Cruise: 63 mph, Dash: 100 mph

SPECIFICATIONS

GROUND 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

ENDURANCE
  15 min

SPEED
  Cruise: 63 mph, Dash: 100 mph

OPERATING ALTITUDE
  Below 500 ft AGL (ceiling >15,000 ft MSL)

WEIGHT
  AUR: 5.5 lb (2.5 kg), fits inside Rucksack
  (includes payload, launcher and transport bag)

LAUNCH METHOD
  Self contained ground launch and multipack

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, multipack, etc.

PAYLOAD
  Northrop Grumman advanced munition