AeroVironment’s tactical missile systems close the gap between observation and action, giving troops the ability to identify threats and deliver a precision lethal payload with minimal collateral damage. Their small size and low acoustic, visual and thermal signature make them difficult to detect, recognize or track, even at close range.

Rapidly deployable, highly maneuverable, with high performance optics and scalable munition payloads, AeroVironment’s Switchblade loitering missile systems enable the warfighter to easily launch, fly, track and engage beyond line-of-sight targets and light armored vehicles across land, maritime, and air-launched scenarios.

When every second counts, AeroVironment’s tactical missile systems deliver the actionable intelligence and precision firepower needed to achieve mission success across multiple domains.
**Switchblade® 300 Loitering Missile System**

- **Dimensions**: Length: 19.5 in (49.5 cm)  
  Diameter: 3 in (7.6 cm)
- **Weight**: AUR: 5.5 lb (2.5 kg)  
  System (AUR and MPL): 120 lb (54.4 kg)

**Key Features**

- **Rapid launch—rapid response ISR**
- **C3 Tactical data relay – manned and unmanned vehicles**
- **Modular payload**

**Mission Planning**

- **Controller**
- **Integrated Training Simulator (T-sim)**

**Fire Control System**

- Tablet-based FCU with Tap-to-Target guidance and built-in mission planning and recover

**Targeting**

- **Optics**
  - 2-axis, 4-sensor gimbal (Dual EO and IR)

**Operating Altitude**

- Below 650 ft AGL (ceiling >15,000 ft MSL)

**Launch Method**

- Self-contained launcher for ground, air, and maritime

**Leathality**

- Precision strike with anti-armor warhead

**Range**

- 40+ km

**Endurance**

- 40+ minutes

**Speed**

- Cruise: 70 mph, Dash: 115 mph

**Effects on Target**

- Light armor and anti-personnel effects

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**Blackwing™ Loitering Reconnaissance System**

- **Dimensions**: Wingspan: 27 ft (8.2 m)  
  Length: 19.5 ft (5.9 m)  
  Diameter: 3 ft (0.9 m)
- **Weight**: AUR: 13 lb (5.9 kg)

**Key Features**

- **Rapid launch—rapid response ISR**
- **C3 Tactical data relay— manned and unmanned vehicles**
- **Modular payload**

**Configuration**

- 6-pack Standard (Alternates for 2-20 AURs possible)

**Mounting**

- Hold downs for vehicle or shipboard use

**Power**

- Solar panel and internal battery, shore/tactical vehicle power augments to maintain internal operating temps

**Control**

- **Command & Control**
  - Underwater-to-air delivery canister, tube, MPL

**Sensors**

- Near IR 35 mm sensor—day/night operations

**Ground Control System**

- Interoperable with Senseware Ground Control Station for Puma™, Raven™, and Blackwing™

**Targeting Optics**

- Dual front and side look EO cameras and IR cameras, Stabilized electronic pan-tilt-zoom

**Operational Altitude**

- Below 100 ft AGL (ceiling ~10,000 ft MSL)

**Launch Method**

- Soft-landed launcher for ground, air and maritime

**Leathality**

- Precision strike with Northrop Grumman advanced munition

**Range**

- 10 km

**Endurance**

- 15 minutes

**Speed**

- Cruise: 63 mph, Dash: 100 mph

**Effects on Target**

- Anti-personnel effects

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**Switchblade® 600 Loitering Missile System**

- **Dimensions**: Length: 19.5 ft (5.9 m)
- **Weight**: AUR: 22.7 lb (10.3 kg)  
  System (AUR and MPL): 128 lb (58.4 kg)

**Key Features**

- **Patented wave-off/recommit capability**
- **Intuitive touch tablet controller**
- **< 10 minute system setup and launch**

**Ground Control System**

- Interoperable with Senseware Ground Control Station for Puma™, Raven™, and Blackwing™

**Targeting Optics**

- 2-axis, 4-sensor gimbal (Dual EO and IR)

**Operating Altitude**

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

**Launch Method**

- Self-contained launcher for ground, air and maritime

**Leathality**

- Precision strike with Northrop Grumman advanced munition

**Range**

- 40+ km

**Endurance**

- 40+ minutes

**Speed**

- Cruise: 70 mph, Dash: 115 mph

**Effects on Target**

- Light armor and anti-personnel effects