



SWITCHBLADE® 300 LOITERING MISSILE

AeroVironment's combat-proven Switchblade 300 provides conventional and special operations forces with a backpackable, rapidly-deployable, loitering precision strike missile for use against beyond-line-of-sight (BLOS) targets from mobile positions in the field or from fixed defensive positions for base security. This lethal missile can be operated manually or autonomously, and its small size and quiet motor make it difficult to detect, recognize, and track even at very close range. Switchblade 300 provides the operator with real-time video and Cursor-on-Target GPS coordinates for information gathering, targeting, or feature/object recognition. It is fully scalable and can be launched from a variety of air, sea, and ground platforms.

The optional Switchblade 300 Sensor to Shooter (S2S) Kit allows operators to quickly update FalconView® on a ruggedized laptop. Once updated, the S2S software seamlessly transfers target coordinates from AeroVironment's Puma™, Raven® or Wasp® to Switchblade 300, reducing engagement timelines and operator cognitive load.

Backpackable Tactical Missile System

SWITCHBLADE® 300

DISTINCTIONS



» **RANGE**
10 km



» **ENDURANCE**
15 min



» **WEIGHT**
5.5 lb (2.5 kg)



» **SPEED**
Cruise: 63 mph, Dash: 100 mph

SPECIFICATIONS

FIRE CONTROL UNIT (FCU)	Dedicated Switchblade® 300 FCU with ruggedized laptop, built-in mission planner and simulator
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

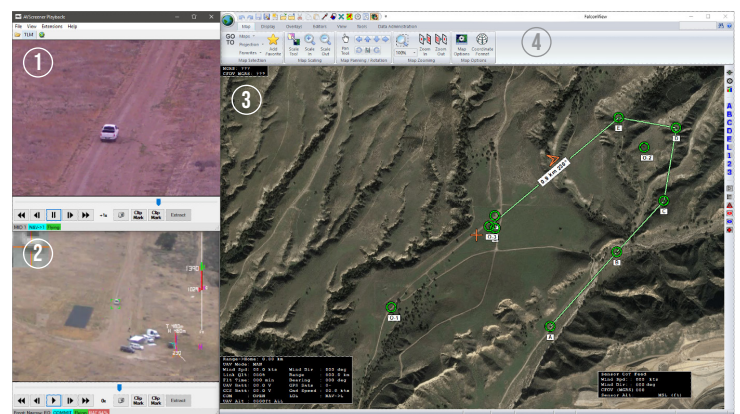
KEY FEATURES

- » *One-man operation—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 feature/recommit capability*
- » *Modular payload*
- » *AES-256 Digital C2*



OPTIONAL SWITCHBLADE 300 SENSOR TO SHOOTER KIT

Includes everything needed to update FalconView® with the S2S software on a ruggedized laptop and connect to the included pDDL™. An intuitive tap-to-target user interface initiates machine-to-machine target coordinate transfer from the small UAS to the Switchblade® 300. View and scene-match ISR and TMS downlinks on one screen.



- ① UAS Live Video Downlink Window
- ② Switchblade 300 Live Video Downlink Window
- ③ Mission Map Data Points
- ④ Switchblade 300—FalconView