

SWITCHBLADE® 600 LOITERING MUNITION

AV
AeroVironment™



Switchblade® 600 represents the next generation of extended-range loitering munitions. Featuring high precision optics and over 40 minutes of endurance, Switchblade 600 provides unprecedented RSTA and precision strike capabilities against larger, fixed or moving hardened targets via anti-armor warhead. This provides the ability to prosecute non-line-of-sight targets with precision lethal effects at a greater stand-off distance, without the need for external ISR or fires assets. This all-in-one, man-portable solution includes everything required to successfully execute missions across land, sea or air with four Fire Control System (FCS) options to meet your changing tactical environment. Easily train, plan missions and execute flight operations through an intuitive, touch screen tablet Fire Control Unit (FCU).

Demonstrated Best-in-Class Performance

SWITCHBLADE® 600

DISTINCTIONS



»» RANGE

37.2 mi (60+ km)
56+ mi (90+ km) w/ Forward Pass



»» ENDURANCE

40+ min



»» WEIGHT

Munition: 33 lb (15 kg), AUR: 65 lb (29.5 kg)



»» SPEED

Loiter: 70 mph (113 km/h)
Sprint: 115 mph (185 km/h)

SPECIFICATIONS

FIRE CONTROL SYSTEM	Tablet-based FCU with Tap-to-Target guidance & built-in mission planner & trainer; interoperable with Switchblade 300 Block 20 FCU
TARGETING OPTICS	2-axis, 4-sensor gimbal (Dual EO/IR) integrated sensor suite
RANGE	40+ km demonstrated target standoff
LAUNCHER DIMENSIONS	Length: 60 in (1.5 m) Diameter: 7.5 in (19.2 cm)
OPERATING ALTITUDE	Below 650 ft (198 m) AGL; ceiling >15,000 ft (4572 m) MSL
LAUNCH METHOD	Self-contained launcher for ground, air, & maritime
LETHALITY	Precision strike with anti-armor warhead
TACTICAL LOAD-OUT	1 AUR, FCS 85 lb

KEY FEATURES

- » DDL handoff & relay capability for 90+ km engagement
- » Anti-armor munition for precision strike on fixed & moving targets
- » <10 minute system setup & launch
- » Patented wave-off feature & recommit capability
- » Enhanced frequency hopping Digital Data Link™ covering more frequencies & supporting AES-256-bit encryption
- » Intuitive touch screen tablet Fire Control Unit (FCU)
- » Integrated training simulator
- » Rechargeable smart battery
- » Combat-proven production system



Munition, Wings Deployed



Packout

ALL-IN-ONE, MAN-PORTABLE, ANTI-ARMOR, SMART MUNITION SYSTEM



Best-in-Class Sensor Suite



Anti-Armor Warhead



Self-Contained Tube-Launcher



Mission Planning on FCU



Integrated Training Simulator (T-sim)



Fire Control System

FCS OPTIONS



Short Range Tactical (SRT)



Medium Range Tactical (MRT)



Long Range Tactical (LRT)



Extended Range System (ERS)