

SWITCHBLADE® 300 BLOCK 20

AV
AeroVironment™



Switchblade® 300 Block 20 is the next-generation successor to the combat-proven Switchblade 300, providing the warfighter with a rapidly deployable precision strike munition for engaging beyond-line-of-sight (BLOS) with lethal effects. Building on AeroVironment's family of loitering munition systems, Switchblade 300 Block 20 offers enhanced operational features including high-resolution EO/IR cameras, longer endurance and a touch screen Fire Control System (FCS) allowing operators to easily train, plan and execute missions. This lightweight, miniature, precision loitering munition provides real-time video and Cursor-on-Target GPS coordinates, delivering the actionable intelligence and precision firepower needed to achieve mission success across multiple domains.

Precision Strike Tactical Munition System

SWITCHBLADE® 300 BLOCK 20

DISTINCTIONS



» RANGE

30 km (with Extended Range Antenna)



» ENDURANCE

20+ min



» WEIGHT

Munition: 3.69 lb (1.68 kg); AUR: 7.2 lb (3.27 kg)



» SPEED

Loiter: 63 mph (101 km/h)
Sprint: 100 mph (161 km/h)

SPECIFICATIONS

FIRE CONTROL SYSTEM	Tablet-based FCU with Tap-to-Target guidance with built-in mission planner and training simulator; interoperable with Switchblade 600 FCU
TARGETING OPTICS	Enhanced EO/IR with forward to left hand panning camera suite
OPERATING ALTITUDE	Flight <500 ft (152.4 m) AGL; supports operation >15,000 ft (4572 m) ASL
LAUNCH METHOD	Self-contained launcher for ground, air & maritime; configurable multipack capability
LETHALITY	Anti-personnel effects; precision strike with low collateral effects
TACTICAL LOAD-OUT	AUR: 8 lb, fits inside rucksack (includes payload, launcher, transport bag)

KEY FEATURES

- » Backpackable—lightweight, multiple All-Up-Round (AUR) load-out
- » Enhanced frequency hopping Digital Data Link™ covering more frequencies & supporting AES-256-bit encryption
- » Advanced Munition—multiple commit angles, user-selectable point of detonation, left hand commit with continuous Positive Identification (PID)
- » One-person operation—system can be rapidly deployed in <2 min
- » Patented wave-off feature & recommit capability
- » Intuitive touch screen tablet Fire Control Unit (FCU)



Switchblade 300® Block 20 Precision Loitering Munition



Launcher with Integrated Launch Control



Fire Control System with Tablet Controller

