SWITCHBLADE® 300 BLOCK 20

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.

DISTINCTIONS

»» RANGE
20+ km

»» ENDURANCE
20+ min

»» WEIGHT
Munition: 4 lb (1.8 kg), AUR: 8 lb (3.6 kg)

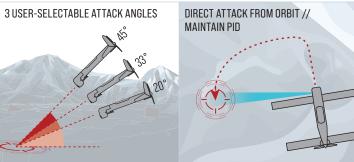**»» SPEED**
Loiter: 63 mph (101 km/h)
Sprint: 100 mph (161 km/h)

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)*

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)

Switchblade 300® Block 20 Precision Loitering Munition

Launcher with Integrated Launch Control

Fire Control System with Tablet Controller

3 USER-SELECTABLE ATTACK ANGLES
45°
33°
20°

DIRECT ATTACK FROM ORBIT // MAINTAIN PID

AV AeroVironment™