Mayhem™ 10

LAUNCHED EFFECTS



MAYHEM™ 10 is an autonomous, multi-role launched effect designed for employment from air, ground, and maritime platforms, extending host-platform standoff while reducing exposure to adversary fires. Built for pulsed operations in contested and denied environments, it enables ISR, electronic attack, deception, and kinetic effects to provide commanders flexible options across dynamic missions.

Delivering 100 km of range and 50 minutes of endurance, MAYHEM 10 supports multiple payload configurations including EO/IR, EW, ITN relay, and lethal effects. Derived from the combat-proven Switchblade® family and built on a Modular Open Systems Approach (MOSA), the system combines attritable design, AI-enabled collaborative autonomy, and scalable employment to accelerate the sense-decide-act loop and support Joint All-Domain Operations.

One System. Multiple Effects.

_Distinctions

EFFECTS ON TARGET
Tailorable nonlethal or lethal effects

WEIGHT
Vehicle: 29 lb (13 kg)
AUR: 42 lb (19 kg)

TOTAL PAYLOAD CAPACITY
10 lb (4.5 kg)
MOD 2U Standard

VEHICLE PERFORMANCE
Cruise: 65+ mph
Dash: 100+ mph
Endurance: 50+ min
Range: 100+ km



MULTI-PAYLOAD VERSATILITY



EW
(RF DILR, EA, DECOY)



ISR/ITN RELAY



MULTI-MISSION
(RF DILR+LETHAL)

_Specifications

PAYLOAD CAPABILITY	Supports interchangeable payloads including EW, ITN relay, EO/IR, decoy, DILR, lethal & more – through a Published MBSE Defined ICD
CONTROL SYSTEM	Tomahawk Grip TA5 tablet with STANAG 4586/RAS-A based Kinesis Inter-operable Control
C2 LINK	MANET secure mesh network
OPERATING ALTITUDE	Below 700 ft AGL (ceiling >12 K ft MSL)
LAUNCH PLATFORMS	Self-contained launcher for ground and mounted ops, CLT and LEDGR compatible
MISSION MODULARITY	MBSE Defined, Software Container Orchestration
DENIED OPS	ATR & Collaborative Autonomy via NVIDIA Orin NX SOM

_Key Features

- Modular Payload— Removable Forward Modular Payload with published MBSE defined ICD for rapid integration of 3rd party payloads
- Digital Simulation and training environment for automated testing and mission planning
- Denied Ops— Advanced System Processor for ATR & Autonomy. M-Code GPS, Alt-PNT Fusion & Silvus datalink for Contested Environments
- Uncrewed Vehicle Control (UVC)— Controller Software featuring MOSA Architecture for assured interoperable control
- Engineered for reliability and manufacturability with streamlined scalable production up to 240 units/mo
- Common Control— Tomahawk Grip common control (AV_Halo COMMAND for Sensor to Shooter, native CoT integration with TAK/ATAK)
- Launched effect built to rapidly employ battlefield disruption

[LAUNCH APPLICATIONS]



AIR LAUNCH
Blackhawk // Apache // FLRAA



MOBILE LAUNCH
Fixed // Mounted



MARITIME LAUNCH
Submarine // Surface Vessel

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