

OVERWATCH-VANGUARD™

A-10 firepower. A fraction of the cost. Zero pilot risk.



VANGUARD-NOSE-EMBEDDED M134 MINIGUN · MODULAR WEAPON BAY · REMOTE PILOT

ENDURANCE

4-6 HR

PAYLOAD

55 KG

PRIMARY

M134 1700rpm

COST / HR

<< A-10

WHY IT WINS

- ▶ Nose-embedded M134 Minigun — 6-barrel 7.62 mm rotary at 1,700 RPM for troop-level suppressive fire.
- ▶ Gets LOW and CLOSE where manned CAS cannot — hover, strafe, loiter over the contact point.
- ▶ Operated from thousands of miles away via SATCOM — no pilot in the kill box.
- ▶ ≈\$1M airframe vs. ≈\$20K/hr to operate an A-10 — sustain a fire mission for the cost of a single sortie.

SPECIFICATIONS

MTOW	140 kg
WEAPONS PAYLOAD	55 kg (modular bay)
ENDURANCE	4-6 hrs (mission dependent)
PRIMARY ARMAMENT	Nose-embedded M134 Minigun — 6-barrel 7.62 mm rotary, 1,700 RPM
SECONDARY	Modular weapon bay — mixed munitions / stand-off effectors
AIRFRAME	Coaxial Octacopter (common with Sentinel)
POWERPLANT	Hybrid ICE/Generator/Battery
CONTROL LINK	Starlink · LTE · Mesh · SATCOM (primary)
PILOT	Remote — no onboard crew; operable from continental CONUS
COMPLIANCE	NDAA Section 848 · American-built - BlueUAS Pending

OPERATIONAL ADVANTAGES

- ▶ Replaces the CAS role of A-10 / C-130 / F-16 in a majority of front-line support scenarios.
- ▶ Hover-capable strafing run — A-10 cannot; Vanguard can hold a target under sustained fire.
- ▶ Remote pilot = no ejection, no SERE, no captured-aviator scenario.
- ▶ Same airframe as Sentinel — one logistics tail covers both ISR and CAS fleets.
- ▶ Magazine-level ammunition capacity with rapid reload between sorties.
- ▶ Stand-off weapon bay accepts customer-specified munitions without airframe changes.

ARRANGE A LIVE DEMONSTRATION

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