Wildcat

Wildcat is a ship-launched, tail-sitting Group 3 VTOL UAS engineered for long-range missions in the world's most contested maritime environments.

With fully organic launch and recovery—no net, catapult, or infrastructure required—Wildcat operates from any naval vessel, even in high sea states. It carries advanced ISR, EW, or strike payloads at near-Group 5 performance levels.

Visual-based landing enables silent EMCON operations, while resilient navigation systems ensure mission execution in GPS-denied and jammed conditions.

BUILT TO ENDURE.
DESIGNED TO DOMINATE.

Multi-Role, Group 3 Long Endurance VTOL UAS

WILDCAT

_Distinctions

RANGE
2,000 nmi one way

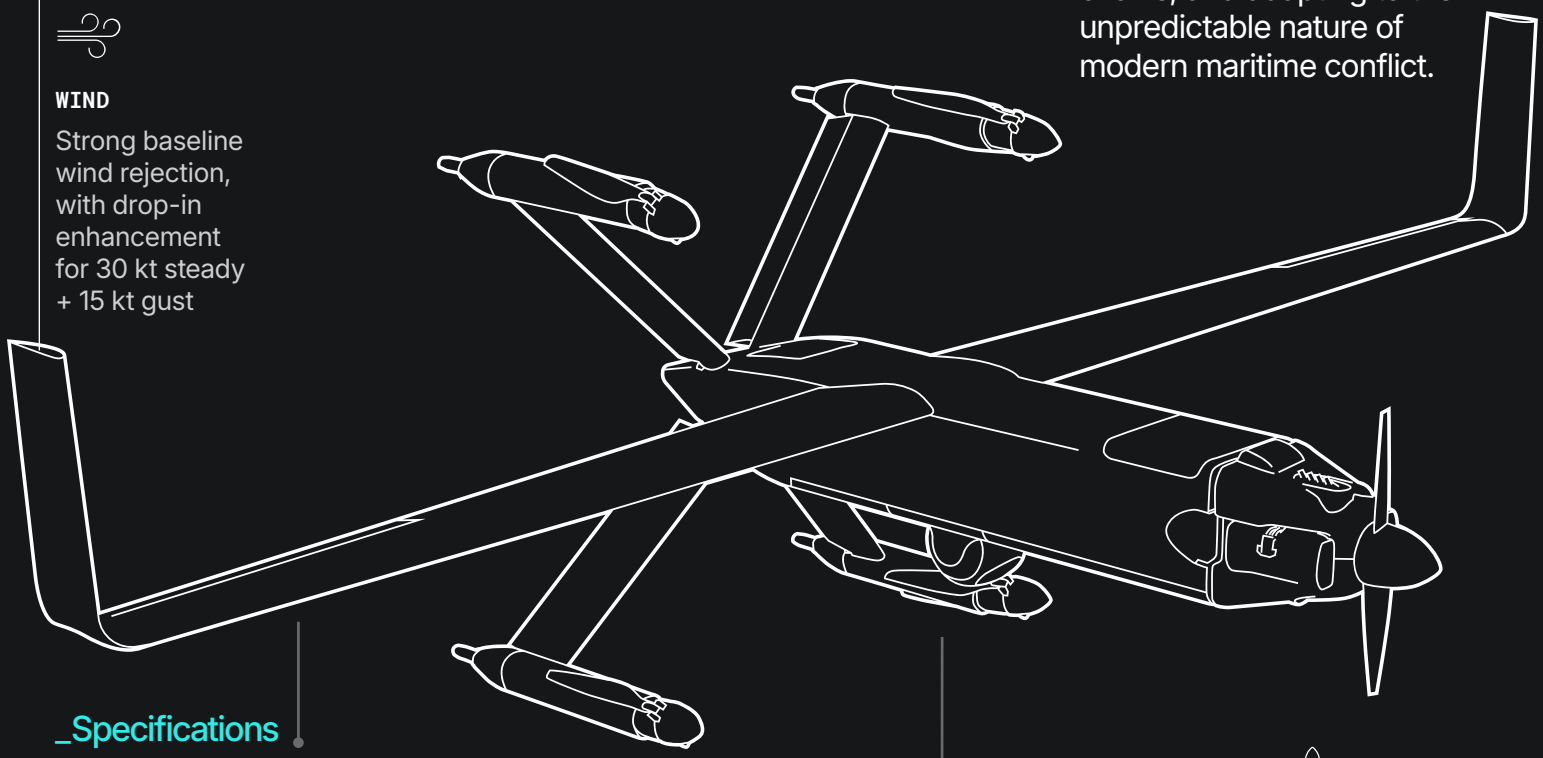
ENDURANCE
27 hrs

DASH SPEED
Up to 100 kt

PAYLOAD
Up to 60 lb

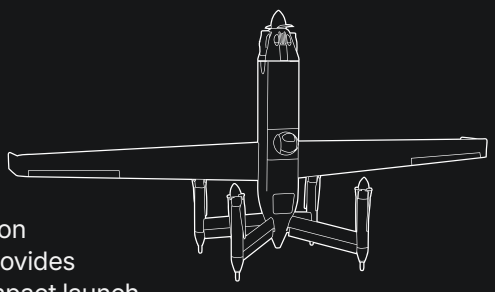
WIND
Strong baseline wind rejection, with drop-in enhancement for 30 kt steady + 15 kt gust

Wildcat combines endurance, range, and payload capacity in a compact, self-sufficient platform. Its modular architecture enables rapid deployment and recovery—extending reach, closing kill chains, and adapting to the unpredictable nature of modern maritime conflict.



_Specifications

MAX GROSS TAKEOFF WEIGHT	330 lb
SPEED (CRUISE/DASH)	80/100 kt
AVAILABLE PAYLOAD POWER	300 W
ALTITUDE CEILING	15,000 ft
WINGSPAN	18 ft
ENGINE	Heavy Fuel
CREW OPERATIONS	2-person movement and operations



_Key Features

- Novel VTOL tail-sitter configuration with parallel-hybrid propulsion provides long mission endurance with compact launch and recovery footprint.
- Extreme controllability for landing in up to sea state 5
- Visual-Based Launch & Recovery for full EMCON operations
- Full-mission autonomy capable with onboard decision-making
- Layered ALT-Nav that is Resilient to GPS jamming and spoofing
- Open architecture for 3rd-party integration of hardware and software, and future expansion