



BELL V-247

INTEROPERABLE. LETHAL. SUSTAINABLE. SURVIVABLE.

Unmanned and unmatched, the Bell V-247 Vigilant goes above and beyond, offering you autonomous flight capabilities that are flexible, modular, and lethal.

HOW IT GOES ABOVE AND BEYOND:

FEATURES

- Mission commanders can re-task payloads and sensors in real time while the autonomous flight capability implements the new mission.
- Modular radar and sensor payloads keep the Carrier and Expeditionary Strike Groups safer using advanced warning systems and sensors.
- Unmatched internal and external payload capacity allows you to quickly trade out different mission packages.
- On-station support at mission ranges is sustainable for 24 hours with a two-aircraft system.
- Fewer aircraft and flying hours to provide 24/7 coverage reduces total mission costs.
- Extended loiter time and over the horizon range satisfies Intelligence Surveillance Reconnaissance and Targeting needs.
- Combat-proven tiltrotor technology enables runway independence and lethal reach with increased speed and range.
- Mission Commanders can leverage the V-247's unique capabilities to be a force multiplier for a host of missions such as ASuW, ASW, Overwater and Combat SAR, and fleet logistics missions-sets.
- Significant on-board electrical power enables integration of mission-critical high-performance systems.
- Self-protection capability, modular design, and tiltrotor performance increase survivability.

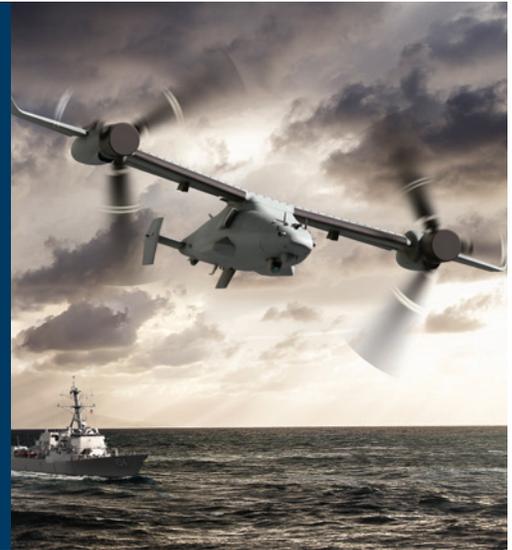
OVERVIEW

Never let your guard down. The Bell V-247 Vigilant unmanned system can provide the U.S. Navy the lethality required to successfully operate, fight and win in a distributed maritime environment, executing long-range ISR-T, FAC/FIAC, ASuW, and ASW. Let it be your eyes and ears. Modular radar and sensor payloads make it easier to trade out mission packages, sensors, and weapon systems; providing mission commanders greater flexibility and extending operational reach.

Lift off at a moment's notice. Tiltrotor technology gives the system runway independence and a lethal reach that a conventional rotorcraft can't match. Stand up to the fight. Unparalleled flexibility and extended endurance allow the system to perform Group 5 UAS missions — with fewer aircraft per mission and a lower lifecycle cost.

PRECISION TARGETING AND ISR PLATFORM

Be aware and accurate. The Bell V-247 Vigilant can be armed with air-to-ground missiles and other precision munitions, and its Electro Optical System and Targeting System provide you with superior target identification and lethality.



TECHNICAL SPECIFICATIONS

Speed

Long Range Cruise	240 kts
Cruise at Maximum Continuous Power	300+ kts
Best Endurance	180 kts

Payload

Internal Mission	2,000 lbs
Sling Load	9,000 lbs

Performance

>7 hours Time On Station with 600 lbs of Mission Payload at 300 nm Mission Radius

Up to 900 nm Mission Radius or 10 hours Time On Station

Service Ceiling	25,000 ft
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Operational Viability

- Superior Range and Speed for FAC/FIAC intercept and response
- 24-hour Persistent Intelligence Surveillance Reconnaissance with a Two-Aircraft System
- Open Architecture Modular Payload System
- Guided Missile Destroyer Shipboard Compatible
- Retractable Taildragger Landing Gear
- Shipboard Footprint Equivalent to UH-60
- Aerial Refuel Capable