



Bat UAS

Family of Multi-Mission,
Persistent and Affordable Tactical
Unmanned Aircraft Systems

Bat UAS

Bat is an affordable, medium-altitude, multi-mission Unmanned Aircraft System (UAS), that can be configured with different sensor payloads for maximum mission flexibility.

Bat is Beyond-Line-Of-Sight (BLOS) capable and has been configured for tactical missions such as communications relay, Signals Intelligence (SIGINT), Electronic Warfare (EW), search and rescue, and port or maritime surveillance.

Runway-independent and fully autonomous, the Bat UAS is a modular, expeditionary system that takes off from a mobile launcher and recovers into a net. Bat is fully mobile and rapidly deployable.

Bat is a fully modular system using a four-fastener interface for all line replaceable units, allowing quick components change for mission specific load-outs. Bat's IP-based architecture allows rapid integration of payloads and Processing, Exploitation and Dissemination capabilities.

The combat-proven Bat has been deployed to multiple forward operating bases in support of Operation Enduring Freedom. Bat has flown many payloads supporting intelligence gathering missions such as Measurement and Signature Intelligence (MASINT).

With Bat's blended wing-body design, it can carry a sensor payload up to 75 pounds with more than 1.8 cubic feet of payload space.

Bat can operate with hub and spoke, multiple air vehicles from a single Ground Control Station (GCS). Bat and its GCS are fully compatible with the situational awareness needs of the laptop-equipped warfighter.

The Bat family product line includes the 14-foot wingspan variant: All sharing common interfaces, avionics, payloads, GCS, and crews.

Bat is part of Northrop Grumman's unmanned family of systems that have been delivered to customers worldwide for more than 70 years.



Specifications

Length	5.8 ft (1.7 m)
Wingspan	12 ft (3.6 m)
Height	4 ft (1.2 m)
Max. Gross Takeoff Weight	210 lbs (95 kg)
Propulsion	HIRTH 2-stroke 15.8 HP EFI Engine
Payload Electrical Power	Up to 800 watts

Performance

Loiter/Max Speed	60 KTAS/89 KTAS
Ceiling	18,000 ft MSL (5.48 km)
Endurance (with 40 lb payload)	8 hrs max
Payload	75 lbs max (34 kg)

Payloads

EO-IR/LRF/Comm Relay/AIS/MASINT/SIGINT/EW
Multiple payloads and configurations available

For more information, please contact:

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