

Martin UAV

Airborne Access to Information

V-BAT

Specifications

CHARACTERISTICS

Wing Span:	9 ft (2.74 m)
Length:	8 ft (2.4 m)
Assembled Size:	9 ft x 8 ft x 2 ft 2.74 m x 2.4 m x .6 m
Weight*:	68 lbs (31 kg)
Propulsion:	170cc 2- stroke engine
Fuel:	Heavy Fuel (JP-8) or Gasoline oil mix (40:1)

*Assumes Full Fuel with 5 lb Payload

PERFORMANCE

Speed Range:	0 to 90 knots
Duration:	8 hours at 45 kts
Ceiling:	15,000 feet
Range:	350 miles (fuel limited) 30 + miles (telemetry)
Max Payload:	5É lbs (2.3 kg)

OPERATIONS

Launch:	WRRPRV□ Vertical Take-off
Recovery:	WRRPRV□ Vertical Lading
Max L&R Wind:	25 kts

*Recommend 20 x 20 ft clearing for L&R

Command/Control:	Moving map display with point and click mission planning Interface
Data Link:	2.4 GHz video down link, 900 MHz spread spectrum 2-way modem
Autopilot:	Fully autonomous VTOL operation
Sensors:	Cloud Cap TASE 200, EO/ IR

OPTIONS

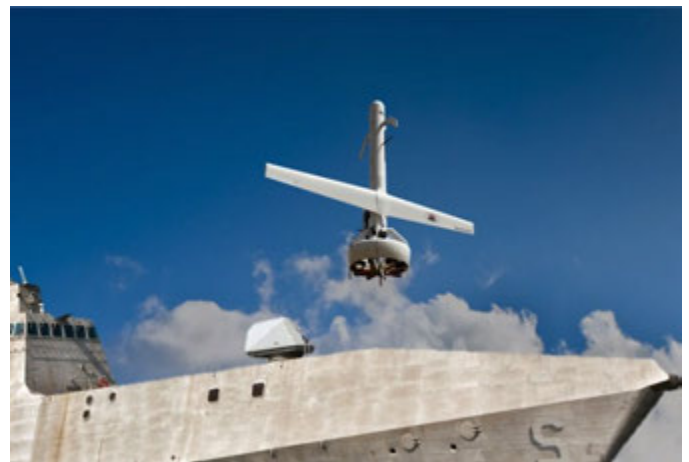
Sensors:	SAR, SWIR, Target Marker, SIGINT, Hyperspectral, etc
Mapping Payload:	Hi-res digital SLR

OPTIONAL SERVICES

- Custom UAV Design/Fab
- UAV Flight Services
- Operations, Training, Support
- Aerial Data Processing
- Research and Design

ADDITIONAL MARTIN UAVs

- Super Bat - Catapult Launch
- Bat 4 - Payload Workhorse



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