

The MLB Company: Airborne access to information

V-BAT UAV

The MLB V-Bat UAV:

- VTOL launch and recovery
- Launch and recover from 6x6 m area
- 5 hour duration, 80 kt cruise
- Cloud Cap T-2 gimbal

Your ideal UAV system for:

- Shipboard operations
- Small unit surveillance
- Urban monitoring
- Force protection
- Agricultural and wildlife mapping



MLB Company

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Name: MLB V-Bat
Uses: Surveillance, mapping, and monitoring
Country: USA
Power: 157cc gasoline + oil (40:1) 2-stroke engine
Dimensions: 8.0 x 10 x 2.5 feet
Weight: 70.0 lb
Speed: 0 to 110 kts
Duration: 5.0 hours nominal @ 80 kts, 8 hours maximum
Ceiling: 15,000 feet
Range: 500 miles (fuel limit)
10 mile radius (live telemetry link limit, increased range with optional equipment)
Sensors: Cloud Cap TASE300 stabilized gimbal system
Payload: 10 lb
Data Link: 2.4 GHz video downlink, 900 MHz 2-way modem, 72 MHz uplink RC. Optional long range links available
Launch: Autonomous vertical take-off , 6x6 m area
Guidance: MLB flight control system, fully autonomous VTOL operation
Mission plan created with MLB graphical user interface
Recovery: Autonomous vertical landing , 6x6 m area
Operational: Winds up to 25 knots, moderate precipitation

