

The MLB Company: Airborne access to information

# ***SUPER BAT UAV***

## **Cloud Cap Piccolo II Autopilot**

## **Cloud Cap TASE/DUO Gimbal**

- Georeferenced imagery
- Fully autonomous missions
- Small system footprint
- Operations from unimproved areas
- 10 hour duration

## **Your ideal UAV system for:**

- Small unit surveillance
- Urban monitoring
- Force protection
- Agricultural and wildlife



MLB Company

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|              |   |
|--------------|---|
| Name:        | MLB Super Bat   |
| Uses:        | Short range surveillance and monitoring   |
| Country:     | USA   |
| Power:       | 26cc gasoline + oil (40:1) 2-stroke engine<br>Optional JP-8 (40:1 oil) versions available   |
| Dimensions:  | 8.5 x 5.0 x 2.5 feet  |
| Weight:      | 35.0 lb   |
| Speed:       | 38 to 65 knots  |
| Duration:    | 10.0 hours maximum  |
| Ceiling:     | 10,000 feet   |
| Range:       | 400 miles (fuel limit)<br>6 mile radius (live telemetry link limit), optional long range link available   |
| Sensors:     | Cloud Cap TASE150 or TASE200 (EO/IR) stabilized gimbal (2-axis stabilized gimbal camera mount with independent aiming and target tracking capability). Canon 12 Mpixel digital camera for aerial mapping.       |
| Payload:     | 5.0 lb maximum  |
| Data Link:   | 2.4 GHz video downlink, 900 MHz 2-way modem   |
| Launch:      | Car-top catapult, bungee powered  |
| Guidance:    | Fully autonomous flight capability including launch and landing<br>Mission plan created with Cloud Cap Piccolo Command Center ground station software   |
| Recovery:    | Lands on skids autonomously in 100 x 50 meter clear area  |
| Operational: | Winds up to 25 knots, moderate precipitation  |
| Price:       | Starting at \$115,000 (includes one aircraft with TASE E/O gimbal, complete ground station, tracking antenna, catapult launcher, support equipment,) Additional aircraft start at \$75,000 each including TASE. |

