TRANSPORTABLE  The small, light-weight Super Bat system is sized to fit in a small SUV and is easily transportable to any location a 4WD can reach. The Super Bat assembles in minutes without any tools. A crew of 2 can have it flying within 15 minutes.

LAUNCH AND RECOVERY  The Super Bat’s car-top catapult launch capability and skid-landing gear minimize the need for dedicated infrastructure; a small clearing is all the Super Bat needs for launch and recovery.

STABILIZED VIDEO IMAGERY  The Super Bat carries a Cloud Cap TASE 150 or 200 stabilized gimbal (E/O and IR cameras) with 20X zoom as well as automatic target tracking and geo-location capabilities.

BUILT TO LAST  Built with Kevlar, aluminum, and carbon fiber, the Super Bat is rugged and built to last. The Super Bat’s modular design gives you fast and easy access to key components for easy maintenance. Martin UAV’s innovative carbon retractable nose shield protects the gimbal system from damage during landing, protecting your investment in high-quality sensors.

READY-TO-USE  Configured with Cloud Cap Piccolo II autopilot, TASE 150 gimbal, ground station, and all support equipment, Martin UAV’s Super Bat is a ready-to-use UAS solution right out of the box.
Super Bat DA-50 Specifications

**CHARACTERISTICS**
- **Wing Span:** 8.5 ft (2.6 m)
- **Length:** 5.3 ft (1.6 m)
- **Assembled Size:** 8.5 ft x 5.3 ft x 2.25 ft
  
  2.4 m x 1.6 m x .7 m
- **Weight:** 47 lbs (21.3 kg)
- **Propulsion:** 50cc 2-stroke engine
- **Fuel:** Gasoline oil mix (40:1)
- **Electrical Power:** 75 Watt generator

* Full Fuel with TASE 150/200 Gimbal

**PERFORMANCE**
- **Speed Range:** 35 to 65 knots
- **Duration:** Max 10 hours
- **Ceiling:** 10,000 feet
- **Range:** 400 miles (fuel limited)
  
  20 miles (telemetry limit)
- **Max Payload:** 5 lbs (2 kg)

**OPERATIONS**
- **Launch:** Bungee Catapult Launch
- **Recovery:** Skid Landing
  
  320 ft x 130 ft
  
  100 m x 40 m
- **Max Wind:** 25 kts
- **Weather:** Operable in moderate precipitation

**CONTROL / DATA LINKS / SENSORS**
- **Sensors:** Cloud Cap TASE 150, 200, gimbal (E/O, IR cameras)
- **Data Link:** 2.4 GHz video downlink, 900 MHz spread spectrum 2-way modem
- **Guidance:** Autonomous flight operation. Mission plans created with Piccolo Command Center software

**OPTIONS**
- **Sensors/Gimbal:** Cloud Cap TASE 150/200
- **Data Link:** Long range (90 km) or Iridium satellite links Available
- **Recovery:** Emergency parachute system
- **Propulsion:** Heavy fuel engine

Contact Martin UAV for Information on Additional Options