

Silver Fox Block B-3 Specifications

| Parameter | Value (U.S.) | Value (Metric) |
|---------------------------------------|--|---|
| Maximum Gross Takeoff Weight (MGTW) | 27 lbs | 12.2 kg |
| Nominal Mission Takeoff Weight (NMTW) | 26.2 lbs | 11.88 kg |
| Nominal Mission Endurance (MOGAS) | 8-10 hours | |
| Fuel Type | Unleaded MOGAS (87 Octane Minimum) | |
| Airspeed (Cruise @ NMTW) | 38-50 kts | 70-90 kph |
| Airspeed (Dash - Level Flight @ NMTW) | 55 kts | 102 kph |
| Airspeed (Max. Endurance @ NMTW) | 35 kts | 65 kph |
| Airspeed (Stall @ NMTW) | 28 kts | 52 kph |
| Airspeed (VNE @ NMTW) | 110 kts | 203 kph |
| Navigation | DGPS/GPS, DGPS/GPS/INS ¹ | |
| Nominal Mission Altitude | 500-1,200 feet AGL | 150-365 meters AGL |
| Service Ceiling | 12,000 feet MSL | 3,657 meters MSL |
| Launch | Small Footprint Catapult (<75 lbs) | Small Footprint Catapult (<34 kg) |
| Recovery | Belly Skid | |
| Payload (EO) | Daylight RS-170A Standard, 10X Optical Zoom | |
| Payload (IR) | 320x240, Uncooled IR | |
| Command and Control Radio (C2) | Up to 2 Watt, Discrete/Frequency Agile, Military Band / ISM Band Radio Modem (TX/RX) | |
| Command and Control Radio Range | 20 nm, Line of Sight (LOS) | 36 km, Line of Sight (LOS) |
| Video Transmitter | 2 Watt (Optional 5W), S-Band FM Video TX With Optional 19.2 kbps Data Carrier | |
| Video Transmission Frequency Range | S-Band, L-Band | |
| Video System Range | 20 nm, LOS | 36 km, LOS |
| Payload Capacity | 5 lbs | 2.27 kg |
| Onboard Power | BA5590/5390 LiSO2 Battery | |
| Nominal Mission Fuel Capacity | 90 ounces | 2.6 liters |
| Engine | 1-Cylinder (25cc), SOHC, 4-Stroke, Reciprocating Engine With Oiling System | |
| Ignition | Electronic, Capacitive Discharge | |
| Propulsion | 17x8, Tractor Propeller | |
| Starting Method | Hand-Held Electric Starter (12V) | |
| Shipping Container Size | 60" x 14" x 16" Composite Box with Wheels | 1.52 m x 35 cm x 40 cm Composite Box with Wheels |
| Wingspan | 94 inches | 2.4 meters |
| Fuselage Length | 58 inches | 1.47 meters |
| Tail Height | 11 inches | 28 cm |
| Fuselage Diameter | 5 inches | 12.7 cm |



¹ - GPS/INS option available Q1, 2006

