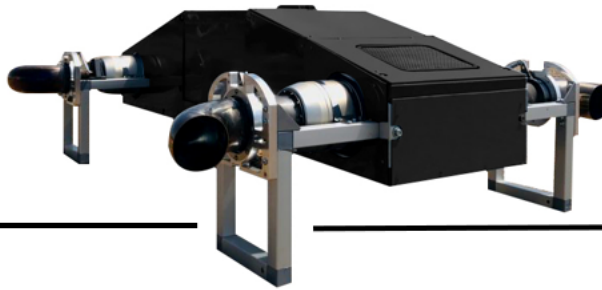


AB6 JetQuad

Jet-Engine VTOL UAV
Base Version



FUSIONFLIGHT



Capabilities

- Single Point Precision Altitude Hold
- High-speed Forward/Reverse Cruise
- Fast vertical ascent and descent
- All Terrain Vertical Take-off and Landing
- Weather Resilience / High Altitude
- Fully Customizable Platform
- Autonomous Payload Delivery
- No assembly required – ready to fly
- Chose from variety of exterior colors

Dimensions

Width.....0.93m (37in)
Length 1.2m (47in)
Height.....0.39m (15in)
Ground Clearance0.12m (5in)

Mass

Maximum Takeoff Mass.....60kg (132lb)
Dry Mass.....24kg (52lb)

Performance

Cruise Speed 110 m/s (246mph)
Cruise Altitude 120m (400ft)
Max Altitude 10km (33,000ft)
Vertical Ascent.....30m/s (67mph)

Fuel Level	Payload Capability	Flight Time	Range One-way
10L (2.5 gal)	28 kg (60lb)	8 min	50km (30 mi)
20L (5.0 gal)	18 kg (40lb)	16 min	100km (60 mi)

Operation Modes

- Autonomous Waypoint Navigation
- Manual Position Control
- Fully Manual Mode (System-check Only)

Propulsion

Type: 4x Microturbine Jet-Engine
Fuel Type: Heavy (Diesel/Jet-A/Kerosene)
Control: 4x Thrust Vectoring System (TVS)
Maintenance Interval..... 25Hrs
Start-up Time 1min
Re-Fuel Time 2min

Control Station (Included in Package)

- Shoulder Strap Combination Unit
 - Long-Range Transmitter (Control)
 - 8" Tablet (Telemetry / Mission Planning)
 - Wireless Fuel Gauge
 - Wired Engine Monitoring Terminal
 - Leather Case
- Mass...1.2kg (2.6lb)
Range..... 40km (25mi)
Uplink/Control..... 2.4GHz
Download Telemetry 980MHz

Payload Bay Specifications

- Undercarriage External Mounting
 - 2x Internal Bays (Forward and Aft)
- Length 0.20m (8in)
Width..... 0.30m (12in)
Height..... 0.15m (6in)
Power Supply 360W
Voltage/Current 12V/30A
Battery Capacity 10,400mAh

Base Package Cost

\$100,000 USD (Excludes S&H)

Optional Upgrades (Ask for price)

- Aerodynamic Package
- Extra fuel tanks
- Ground Station Range Upgrade
- Companion Computer