

PANTHER

FIXED WING VTOL UAS



When Results Matter

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PANTHER

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General

The Panther is a uniquely designed Fixed Wing AVTOL UAV System with a tilt rotor capability that provides a remarkable solution to a wide variety of tasks when pinpoint automatic takeoff and landing is a requirement. The system can be utilized in Military, Civilian, and Homeland Security (HLS) operations providing high level of operational flexibility and a small logistical footprint.



Main Features and Capabilities

- Automatic Vertical TakeOff & Landing Capability (AVTOL)
- Ship Deck Operation
- Mission Versatility
- Quick & Easy Assembly
- Simple to Operate and Deploy
- Small Logistical Footprint
- Silent Electrical Propulsion
- High Quality EO/IR/LP Imagery
- Unique Tilt Rotor Technology



Typical Missions

- Covert Special Operation
- Intelligence, Surveillance, Target Acquisition, and Reconnaissance (ISTAR)
- Silent Observation & Stakeout
- Convoy Escort & Protection
- Border & Costal Surveillance
- Law Enforcement
- Emergency Response & Support

Performance

- Range - 60 km /37 miles
- Endurance - up to 4 hr
- Operational Altitude - 3000 ft AGL
- Loiter Speed - 40 knots

Technical Data

- Max. Takeoff Weight (MTOW) - 65 kg /143 lb
- Max. Payload Weight - 10 kg /22 lb
- Wingspan - 8 m



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