PTERODYNAMICS

TRANSWING®



Game Changing Autonomous VTOL Systems

PteroDynamics is a U.S. based designer and manufacturer of innovative, autonomous VTOL aircraft. Our patented Transwing® folding wing aircraft has a combination of speed, range, and payload to reach remote locations without runways, even in harsh conditions.

- Fully autonomous
- Compact footprint
- Flexible multi-mission payloads
- Common propulsion system for all modes of flight
- Superior combination of speed, range, and payload compared to contemporary VTOL aircraft
- Launch and recover in 30+ knot winds and high-density altitudes
- Lower acquisition and operating costs, optimized for reliability, availability, maintainability



SPREAD YOUR WINGS™

SPECIFICATIONS



PTERODYNAMICS	P4 TRANSWING
Development Stage	Operational
MTOW	90 lb [41 kg]
Max Payload	15 lb [6.8 kg]
Ground Footprint [L x W]	6.9 ft x 4.2 ft [2.1 m x 1.3 m]
Cruise Speed	60 kt [31 m/s]
Dash Speed	100 kt [51 m/s]
Endurance @ MTOW	70 min
Powertrain	Electric

PTERODYNAMICS	P5 TRANSWING
Development Stage	Prototype testing
MTOW	330 lb [150 kg]
Max Payload	80 lb [36 kg]
Ground Footprint [L x W]	12.8 ft x 7.2 ft [3.9 m x 2.2 m]
Cruise Speed	70 kt [36 m/s]
Dash Speed	100 kt [51 m/s]
Powertrain	Hybrid [heavy fuel]
Range, 50 lb payload	400 NM [740 km]
Range, no payload	800 NM [1480 km]

PteroDynamics is a pioneer in autonomous vertical takeoff and landing [VTOL] aircraft and inventor of the Transwing® VTOL system that overcomes the inherent shortcomings of current VTOL aircraft by combining the speed, range, endurance, and payload capacity of a fixed-wing airplane with superior VTOL performance in a simple, efficient autonomous, UAS platform.

Visit us at **PteroDynamics.com**