

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

Built and flying

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

In design and build

MTOW

320 lb [145 kg]

Max Payload

50 lb [23 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]

Range @ MTOW

400 NM [740 km]

Powertrain

Hybrid [heavy fuel]

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

