

PIPISTREL

BY TEXTRON eAVIATION



NUUVA

V300

The Future of Air Cargo Transport

The ultimate hybrid eVTOL automated point-to-point logistics platform has arrived. The Nuuva V300 is a revolutionary design for long range logistics operations and cargo delivery. Built on the back of Pipistrel's innovative design and technological advancement of electric-hybrid propulsion systems, the Nuuva V300 is optimized to deliver 600 pound payloads over 300 nautical miles.

Simplicity by Design

Designed to accommodate up to three pallets (EPAL) through the nose section of the fuselage, loading is easy and configurable for multiple payload options. Dispatch is made simple through pre-defined flight planning, controlled by Nuuva's integrated ground station. This allows fully autonomous operation backed by a highly reliable, triple redundant flight control system.

Next Generation Technology

A hybrid-electric powertrain with dedicated lift and cruise propulsion systems provides vertical takeoff and landing capability utilising eight independent battery powered Pipistrel E-811 electric engines. Forward propulsion comes from a reliable and efficient internal combustion engine offering impressive fuel economy and low maintenance costs. Enhanced aerodynamics further compliment the Nuuva V300 configured with a fly-by-wire flight control system boosting efficiency and providing greater flexibility.

COST EFFICIENCY

The Nuuva V300 combines technologies for increased capability and efficiency of operation as a solution for cargo delivery around the world. Its unmanned VTOL capabilities enable it to operate with full autonomy.

- *Advanced system controls for simplified operations.*
- *Industry leading electric storage and power management.*
- *Reach new territories and complete missions with lower fuel consumption and maintenance costs.*





TECHNICAL DATA

NUUVA V300 (preliminary data)

Powerplant

Hybrid Powertrain

8 x Pipistrel E-811 EASA certified electric engines
1 x high-efficiency drive engine

Dimensions

Length	41 ft 10 in (12.73 m)
Wingspan	45 ft 4 in (13.82 m)
Height	10 ft 2 in (3.1 m)
Cargo Hold Volume	106 ft ³ (3 m ³) 3 Pallets

Weights

Max Takeoff Weight	3,750 lb (1,700 kg)
Max Payload*	900 lb (408 kg)

Performance

Max Cruise	119 KTAS (220 km/h)
Economy Cruise (75 kW, SL)	89 KTAS (165 km/h)
Max Range (+30 min reserve)*	600+ nm (1,111+ km)
Typical Mission Range	300 nm (556 km)

Transportability

Field replaceable and transportable using standard
40 ft semi-truck trailer or container.

*Typical mission supports 300 nm range and 600 lb payload.

Preliminary technical data subject to change.

Note: Pipistrel reserves the right to revise this data
whenever occasioned by product improvement/
authority regulations or other good causes.



Pipistrel d.o.o.
Goriška Cesta 50a
Si – 5270 Ajdovščina
Slovenia

pipistrel-aircraft.com

Copyright © 2025 Pipistrel d.o.o.
All trademarks, logos and brand names are the property of Pipistrel d.o.o.,
Ajdovščina, Slovenia or their respective owners.

For more information on
the Nuuva and Pipistrel,
scan this QR code

