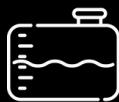




PYKA

PELICAN 2

Autonomous Electric Crop Protection Aircraft



300L Payload

World's largest & most productive autonomous spray aircraft.



Reduce Spray Cost

Direct Operating Cost as low as \$1 USD per hectare.



Fly and Spray at Night

Extend spray window, target pests during optimal conditions.



Maximize Productivity

Cover up to 222 acres per hour with unmatched precision.



Fully Autonomous

Easy to use, low risk operation.



Optimize Chemical Output

Minimized drift and high application efficiency yield up to 15% reduction in chemical use.



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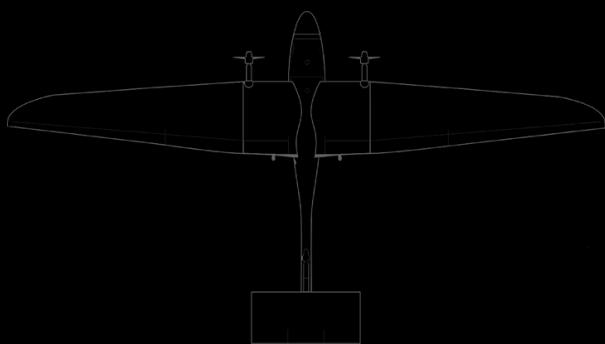
Technical Specs

Motors	4 Electric
Battery	90kWh lithium-ion (5 sets/15 batteries)
Wingspan	11.5 m / 38 ft
MTOW	635 kg / 1,400 lbs
Max Payload	300 kg / 660 lbs

Performance

Cruise Speed	60-80 knots
Endurance	35 minutes (+10 minute reserve)
Takeoff Run	180 m (600 ft)
Required Runway	250 m x 8 m (820 ft / 27 ft)

Spray System



Liquid Volume	300 L (80 gal)
Swath Width	20 m (65 ft)
Work Rate	72 ha/hr (178 ac/hr) @ 20 l/ha 105 ha/hr (260 ac/hr) @ 10 l/ha



Included with Pelican 2 Aircraft System

Aircraft	Pelican 2 Aircraft (fuselage, wings, tail, landing gear)	Communication Systems	2x Telemetry Radio Assembly 2x Ground Control Station (inc. table) 2x Boom Hanger Assembly 2x Taranis Remote Control Crossfire Module Telemetry Tripod 2x External Monitor 2x Power Over Ethernet Box, Ethernet Cable USB Hub and 3x USB Extension
Power	Charge Cart 15x Gen 4.5 Battery Low voltage battery charger Power Strip		
Spray System	2x Spray Boom Assembly Pump and Pallet Assembly	Safety	Control Surfaces Lock Fire Blanket
Sensors	2x Air Data Boom	Repairs	Hardware Kit Wing Repair Stand
Logistics	Trailer Aircraft Tail Support Tripod Wheel Chocks Pallet Jack	Spares	Standard set of spares and consumables