

► SPECIFICATIONS

Material	Aerospace composite material		
Wingspan	4.2 m		
Fuselage Length	1.6 m		
Transport Case Dimension	1660 mm x 960 mm x 550 mm		
Propulsion System	Fully electric		
Electric Motors	4 + 1		
Max. Takeoff Weight	24.8 kg		
Max. Payload	6 kg		
Max. Flight Time ⁽¹⁾	120min @3kg		
Cruise Speed	19 m/s		
Differential Frequency	1000 Hz		
RTK Accuracy ⁽²⁾	H: ±1 cm + 1 ppm V: ±2 cm + 1 ppm		
Vertical Take-off Heigh	50 ~ 200 m		
Max. Flight Altitude (MSL) ⁽³⁾	6500 m		
Operating Temperature	-20° to 50° C (-4° to 122° F)		
Transmission Distance ⁽⁴⁾	Up to 20 km		
Terrain-following Flight	Yes		
Setup Time	≤10 mins		
Pack-up Time	≤10 mins		
Ground Control Software	EasyFly (Windows)		

*All Specifications are subject to change without notice.

(1) Under optimal condition, ≈1000 hPa pressure, no wind or breeze, +10°C ~ +25°C.

(2) Accuracy and reliability are determined under open sky, free of multipaths, optimal GNSS geometry and atmospheric condition.

(3) With plateau tail paddle.

(4) Under optimal condition, open area, no obstacle between the base and drone.

Disclaimer

The specifications provided are theoretical values or measurements obtained by CHCNAV personnel under specific controlled conditions (refer to detailed descriptions). Actual results may vary based on product differences, firmware versions, usage conditions, and environments. While CHCNAV strives to ensure accuracy, this document may contain technical, typographical, or display errors.Please refer to the actual product, and we recommend consulting in detail regarding the specific model and version before making a purchase.

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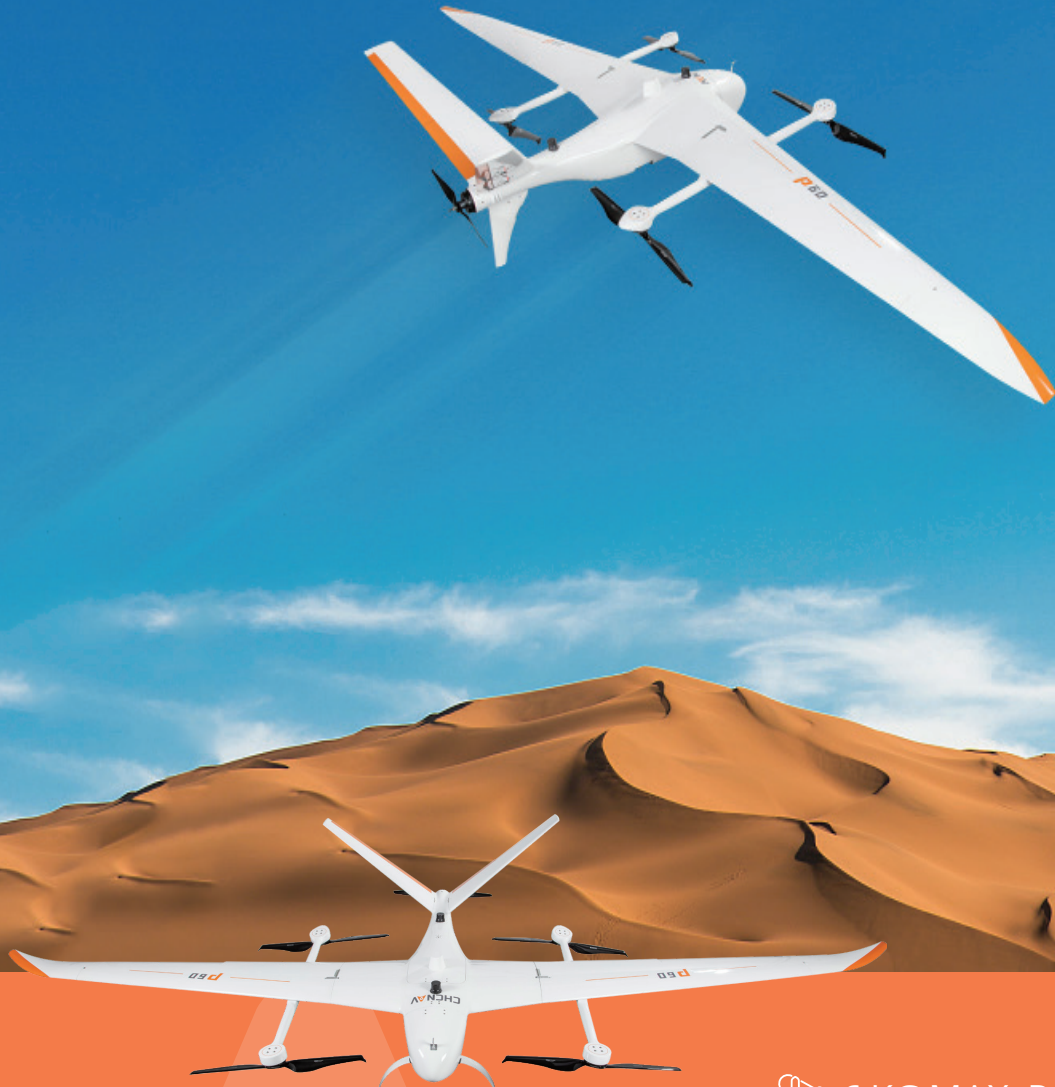
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P60

MAPPING DRONE PLATFORM



-  6 KG MAX. PAYLOAD
-  120 MINUTES ENDURANCE
-  20 KM TRANSMISSION DISTANCE

P60 Mapping Drone Platform

The P60 is a new heavy-lift fixed-wing vertical takeoff and landing (VTOL) developed by CHCNAV. Designed for portability, long endurance, and easy operation, it integrates seamlessly with CHCNAV's payloads for efficient field data collection.

The P60 is an alternative to manned aircraft for 3D modeling, topographic mapping, engineering surveys, water conservancy digital twins, and mining measurement, etc.



► 120 minutes endurance with 3 kg payload

AU20 Compatible

4.2m Wingspan

19m/s Fuselage length

10km²/s Max. coverage per flight



► One-tap terrain-following flight

Auto-generated flight path based on terrain for safer, closer-to-ground missions



► Proactive after-sales service

Auto Reminders for maintenance & insurance
Backup drone for worry-free Fieldwork



► 6500m Max.flight altitude

Operates reliably in high-altitude, low-temperature, and other challenging environments.



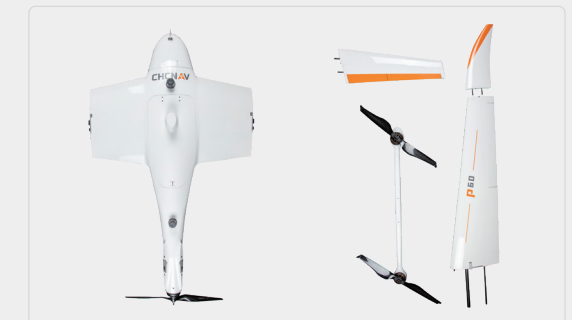
► Easier for transportation and quick assembly

1.66m × 0.96m

Packing size

Fits in a standard SUV

Quick and easy assembly
Fast setup and pack-up



► Applications



3D Modeling



Topographic Mapping



Water Conservancy Digital Twins



Engineering Surveys



Mining Measurement