

2022 Jetson ONE For Sale

79,000 €

QUICK SPEC

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|---------------------|----------------------------|
| Manufacturer | Jetson Aero |
| Model | One |
| Year | 2022 |
| Capacity | 1 Passengers |
| Range | 25 km (13,5 Nm) - 15 Mi |
| Max Cruise Speed | 102 km/h (55 Kts) - 63 Mph |
| Max.Take-Off Weight | 181 Kg (400 lbs) |
| Total Time | POA Hours |
| Service Ceiling | 457 M - 1,500 Ft |

TECHNICAL SPECIFICATIONS

GENERAL CHARACTERISTICS

Type of Aircraft - (eVTOL) Electrical Vertical Take-Off And Landing Vehicles
Propulsion - High Power Output Electric Brushless Outrunner
Rotor Blades (main/tail) - 8 Propellers
Rate of Climb - n/a m/min - n/a ft/min
Flight Time - 11,00 m - 36,1 feet
Length - 2,85 m - 9,1 feet
Height - 1,03 m - 3,3 feet
Width - 2,4 m - 7,8 feet
Width When Folded - 0,9 m - 2,9 feet
Max.Certified Takeoff Weight - 181 Kg (400 lbs)

EXTERIOR CHARACTERISTICS

Base Paint Color -
Stripe Color -
Program Coverage -
Maintenance Tracking -
Certification - SN: POA I REG: POA

AIRFRAME

Total Time airframe - 000 Hours
Total landings - 000 Landings
Entry Into Service Date - N/A
Current Location - 000
Certification - SN: 000 I REG: 000

POWERPLANT

Engine Model - High Power Output Electric Brushless Outrunner
Electric Motors: 8 Electric Motors
Electric Motor Type: Brushless Outrunner
Max Total Power Output - 88 kw - 118 shp
Battery Type - Swappable 52V Li-Ion (20700) Battery Packs
Charging Time - 1H On 220V, 2H On 110V

OTHER NOTABLE FEATURES

- Cockpit: Open Cockpit With Roll Bars, No Front Or Side Windows, Helmet Required
- Flight Controls: Joystick/Throttle Lever/Yaw Pedals
- Flight Computer Redundancy: Triple Redundant Imu/Gyro/Accelerometer/Compass
- Maximum Speed (Level Flight): 102 Km/H (63 Mph)
- Maximum Flight Time (85 Kg / 187 Lbs Pilot Weight): 15 Minutes
- Aircraft Empty Weight: 90 Kg (198 Lbs)
- Propellers: 8 Propellers
- Electric Motors: 8 Electric Motors
- Maximum Power Output (8 Motors): 84 Kw
- Electric Motor Type: Brushless Outrunner
- Battery Type: Swappable 52V Li-Ion (20700) Battery Packs
- Seat Belt Harness Type: 4-Point Quick Release Safety Harness (Sparco)
- Seat Type: Carbon/Aramid Fiber Composite With Safety Padding
- Fuselage: All-Aluminium (7020) Safety Cell With Crumble Zones
- Landing Gear: The Bottom Frame Of The Aircraft Is The Landing Gear.
- Dimensions: Length 2,845 Mm, Width 2,400 Mm, Height 1,030 Mm
- Safety Features: Distributed Electric Propulsion (DEP), provides safety through redundancy for its passengers and/or cargo. DEP means having multiple propellers and motors on the aircraft so if one or more motors or propellers fail, the other working motors and propellers can safely land the aircraft. Complete propulsion redundancy, triple redundant flight computer, ballistic parachute, safety cell chassis, crumble zones, lidar aided obstacle and terrain avoidance, hands free hover and emergency hold functions, propeller guards, composite seat with harness

CATALOGUE ESSAY

The Jetson One is a simple design purely dedicated to muckin' about and having fun. Its single seat is suspended in an aluminum/carbon fiber spaceframe. It's a straight-up drone-style multicopter, with eight props mounted coaxially on four arms, putting out a total peak of 88 kW (118 horsepower). Jetson says it'll fly safely if one motor dies, but frankly I'd be more interested in landing safely at that point. The pilot flies it with a throttle lever on the left, a joystick on the right, and a pair of pedals, presumably controlling yaw. There's some very basic system information displayed on a little dash that frankly looks like a smartphone in a cradle. The safety features of the aircraft include: Complete propulsion redundancy; triple redundant flight computer; ballistic parachute; safety cell chassis; crumble zones; lidar aided obstacle and terrain avoidance; hands free hover and emergency hold functions; propeller guards; and a composite seat with harness.

