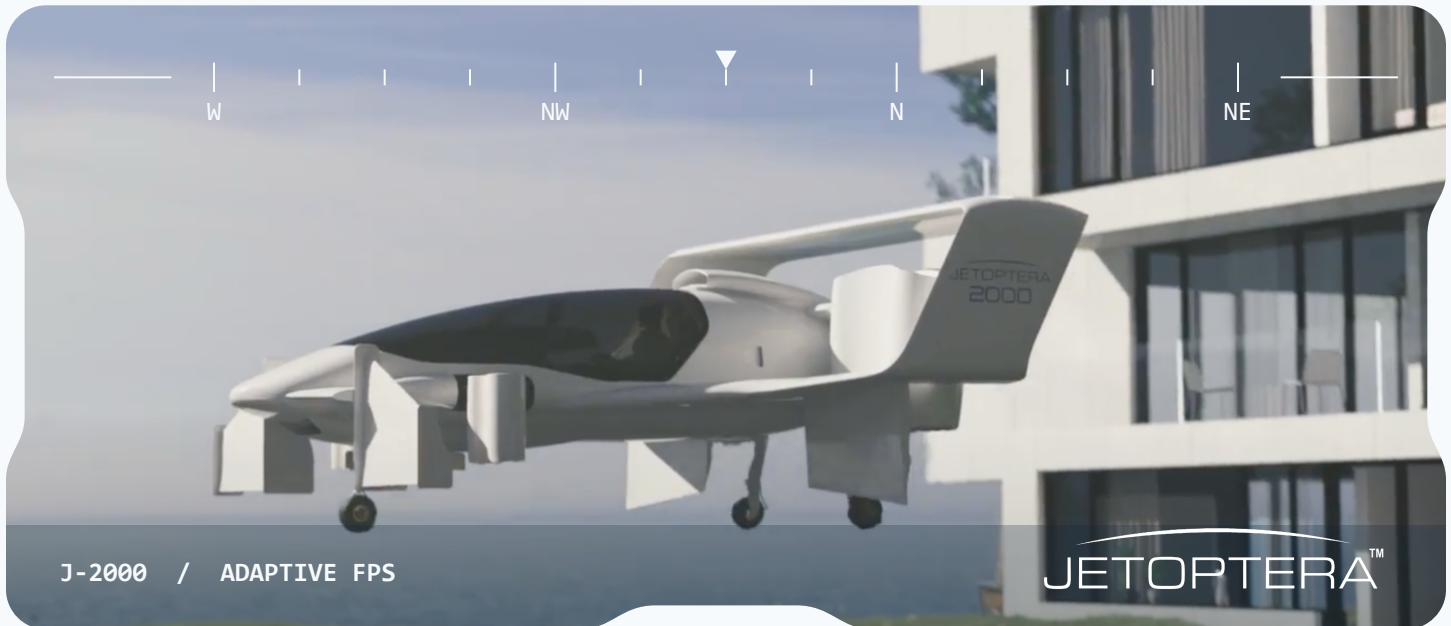


J-2000

Two-seat flight powered by Adaptive FPS

Jetoptera's introductory passenger platform combines a two-seat cabin, vectoring FPS thrusters and a box wing for vertical access and efficient forward flight.



500
LB

MAXIMUM PAYLOAD
227 KG

400
MI

MAXIMUM RANGE
644 KM

230
MPH

MAXIMUM SPEED
200 KN

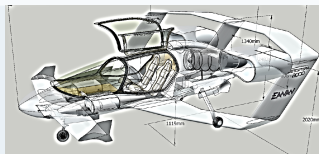
2028
EST.

FIRST DELIVERY
TARGET YEAR

The system behind the aircraft



Vectoring FPS for VTOL
VALIDATED 250 LBF THRUSTER
Four Adaptive FPS thrusters enable VTOL without exposed propellers or rotors. The front 250 lbf thrusters have already been validated on the J-500 air cargo UAS.



Carbon-fiber box wing
PRANDTL WING + CANARD
The Prandtl box wing combines a canard with FPS propulsion for efficient forward flight. The 1,000 lbf-class aft thrusters are under development.



Turbocompressor supply
ENGINE CONCEPT
A single 1,500-2,000 HP-class turbocompressor supplies air to the pneumatic propulsion system. Jet A and sustainable aviation fuel support the passenger platform.

General characteristics

Target specifications for the J-2000 passenger aircraft.

Mission + certification

CABIN
Pilot + 1 passenger

FLIGHT
Vertical takeoff and landing

PATHWAY
**FAA MOSAIC
Special-LSA**

TARGET DELIVERY
2028 estimate

Dimensions + weights

LENGTH
21 ft / 6.4 m

HEIGHT
7.2 ft / 2.2 m

MAX TAKEOFF WEIGHT
2,006 lb / 910 kg

Performance

MAXIMUM RANGE
400 mi / 644 km

CRUISE SPEED
150 kn / 173 mph

MAXIMUM SPEED
200 kn / 230 mph

MOSAIC ALTITUDE LIMIT
10,000 ft / 3,048 m

Propulsion + fuel

ADAPTIVE FPS
**2 x 250 lbf front
2 x 1,000 lbf aft**

POWERPLANT
**Single turbocompressor
1,500-2,000 HP class**

FUEL
Jet A / SAF

MAX FUEL CAPACITY
**75 US gal / 284 L
500 lb / 227 kg**

TONE-FREE NOISE
**Up to 40 dBA lower
vs. bladed equivalent**

Mission set

PERSONAL TRAVEL
Personal / family / group

RECREATION + TRAINING
Hobby / flight training

Agricultural coverage assumes 3 US gal/acre (28 L/ha).

The J-Series ONE PROPULSION ARCHITECTURE / FIVE MISSION-DRIVEN AIRCRAFT



J-110
Cargo UAS
240 MI / 150 MPH
55 LB / 2027



J-600 AG
Agricultural UAS
50 GAL / 16 AC
400 LB / 2027



J-900 AG
Agricultural STOVL
85 GAL / 28 AC
700 LB / 2027



J-2000
Two-seat aircraft
PILOT + 1 / 400 MI
500 LB / 2028



J-4000
Four-seat aircraft
PILOT + 3 / 400 MI
1,000 LB / 2029



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WAITLIST**
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Delivery targets are estimates, subject to regulatory approval and development milestones.
Aircraft shown are concepts and prototypes in development.

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