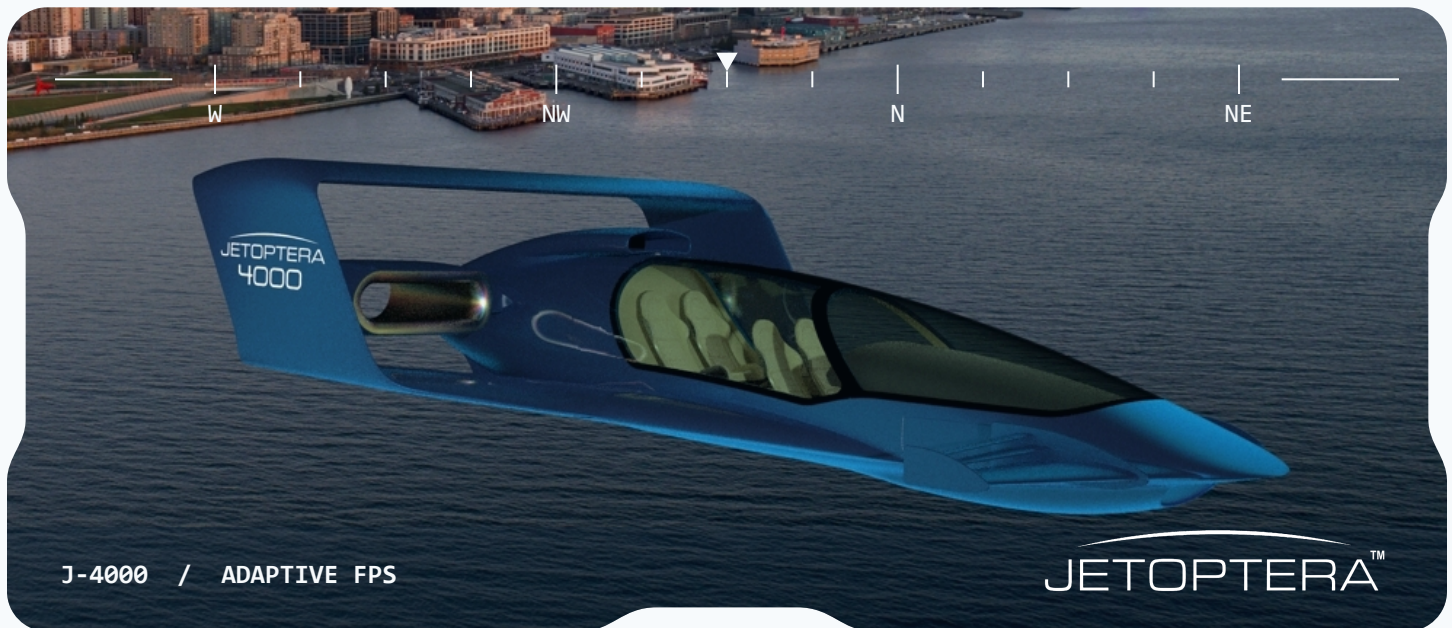


## J-4000

### Four-seat VTOL for personal and group travel

The J-4000 combines a four-seat cabin with fluidic propulsion and a Prandtl box wing, targeting a 400-mile range without exposed rotors.



J-4000 / ADAPTIVE FPS

JETOPTERA™

**1,000**  
LB

**MAXIMUM PAYLOAD**  
454 KG

**400**  
MI

**MAXIMUM RANGE**  
644 KM

**230**  
MPH

**MAXIMUM SPEED**  
200 KN

**2029**  
EST.

**FIRST DELIVERY**  
TARGET YEAR

### The system behind the aircraft



#### Four-seat cabin

PILOT + THREE PASSENGERS

The J-4000 accommodates one pilot and three passengers, with up to 1,000 lb of payload for personal, family and group travel.



#### Adaptive FPS propulsion

VECTERING THRUSTERS

Four Adaptive FPS thrustors combine two 750 lbf-class units with two 2,000 lbf-class aft thrustors for a propeller- and rotor-free VTOL concept.



#### Prandtl box wing

CANARD + BOX-WING DESIGN

A box wing and canard work with FPS propulsion for efficient forward flight, with a 150-knot cruise speed and a 200-knot maximum speed.

# General characteristics

Target specifications for the J-4000 passenger aircraft.

## Mission + certification

CABIN  
**Pilot + 3 passengers**

FLIGHT  
**Vertical takeoff and landing**

PATHWAY  
**FAA MOSAIC  
Special-LSA**

TARGET DELIVERY  
**2029 estimate**

## Dimensions + weights

LENGTH  
**34.1 ft / 10.4 m**

HEIGHT  
**10 ft / 3.0 m**

MAX TAKEOFF WEIGHT  
**4,012 lb / 1,820 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 750 lbf front  
2 x 2,000 lbf aft**

POWERPLANT  
**Double turbocompressor  
2,000 HP class**

FUEL  
**Jet A / SAF**

MAX FUEL CAPACITY  
**150 US gal / 568 L  
1,000 lb / 454 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**  
[tally.so/r/7Rgv0Z](https://tally.so/r/7Rgv0Z)

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

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