

# Pollution-free air taxi design unveiled

A zero-emissions flying taxi could take to the London skies as soon as 2024, if plans by Vertical Aerospace come to fruition

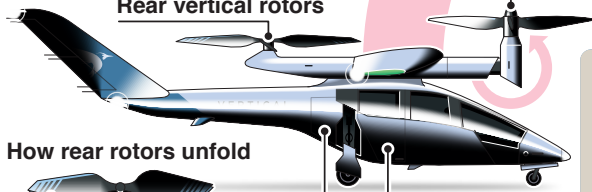


**VA-1X AIR TAXI**  
Prototype due 2021

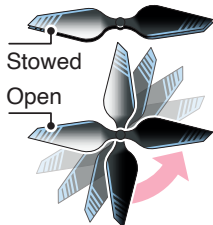
Cruising speed: **240km/h**

**Take-off and landing:** Rear vertical rotors fan out (see below). Front propellers orientate vertically. Power of eight rotors can lift or lower aircraft

**Rear vertical rotors**



**How rear rotors unfold**



Stowed

Open

**Luggage hold**

**Up to four passengers**

Battery-powered air taxi can make 76km central London to Brighton journey in **30 minutes**, twice as fast as taking train and four times faster than by car

**Flight:** Rear rotors fold into **stowed** position. Undercarriage withdraws. Front propellers tilt for forward motion



**London**

20km  
12 miles

Car:  
**2hrs**

Train:  
**1hr**

**Brighton**