

Dubai to test autonomous air taxis

Dubai's Roads and Transport Authority is due to begin testing an electric flying taxi service in the emirate using German-built multicopter drones capable of vertical take-off and landing

VOLOCOPTER 2X: 18 rotors configured to generate lift without causing vehicle to spin. Manoeuvres achieved by altering speed of individual rotors



Overall height: **2.15m**

Cabin: Glazed doors and leather seats. Room for pilot and one passenger

Power: 18 electric motors driven by nine independent batteries. Flight time on single charge: **27 minutes**

Rotor ring diameter
7.35m

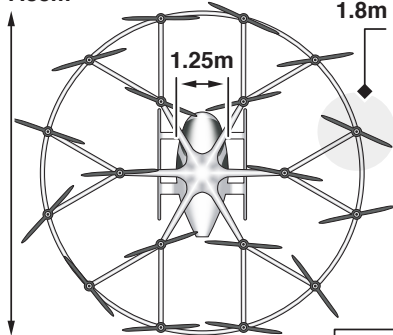
Rotor diameter
1.8m

Charging time: **40 minutes***

Safety: Multiple redundancy in critical components. Full aircraft parachute allows safe descent in emergency

SPECIFICATIONS – VOLOCOPTER 2X

Maximum take-off weight	450kg
Maximum payload	160kg
Maximum speed	100km/h
Rate of climb	3m/sec
Service ceiling	2,000m



Control: Flights carry passengers on predetermined routes. Vehicle can either fly autonomously or be piloted using joystick and touch-screen. Human pilot will control test flights

*Using fast charger. Maximum time 120 mins

