

Sky taxis to take flight

Pilotless drones capable of carrying a person will begin to soar through Dubai's airspace in July. The country is using a Chinese-made drone, the Ehang 184 Autonomous Aerial Vehicle (AAV), which can carry a passenger weighing up to 100kg for a trip of about 30 minutes. The egg-shaped aircraft hovers using eight propellers – two attached to each of the drone's four arms.



A model of the Ehang 184 Autonomous Aerial Vehicle is displayed at the World Government Summit 2017 in Dubai's Madinat Jumeirah.

Safety

- It is designed with full redundancy – if one set of the power system is operating abnormally, the vehicle can still operate a normal flight plan and ensure the safety of the passenger

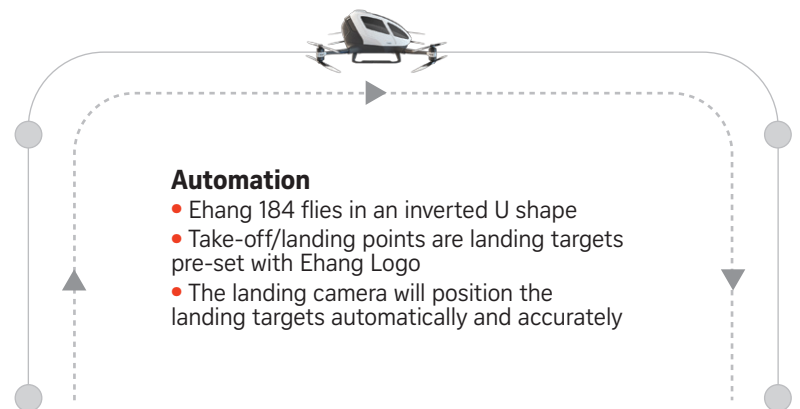


Unique application system

- Simple and advanced, using one click to take-off and land

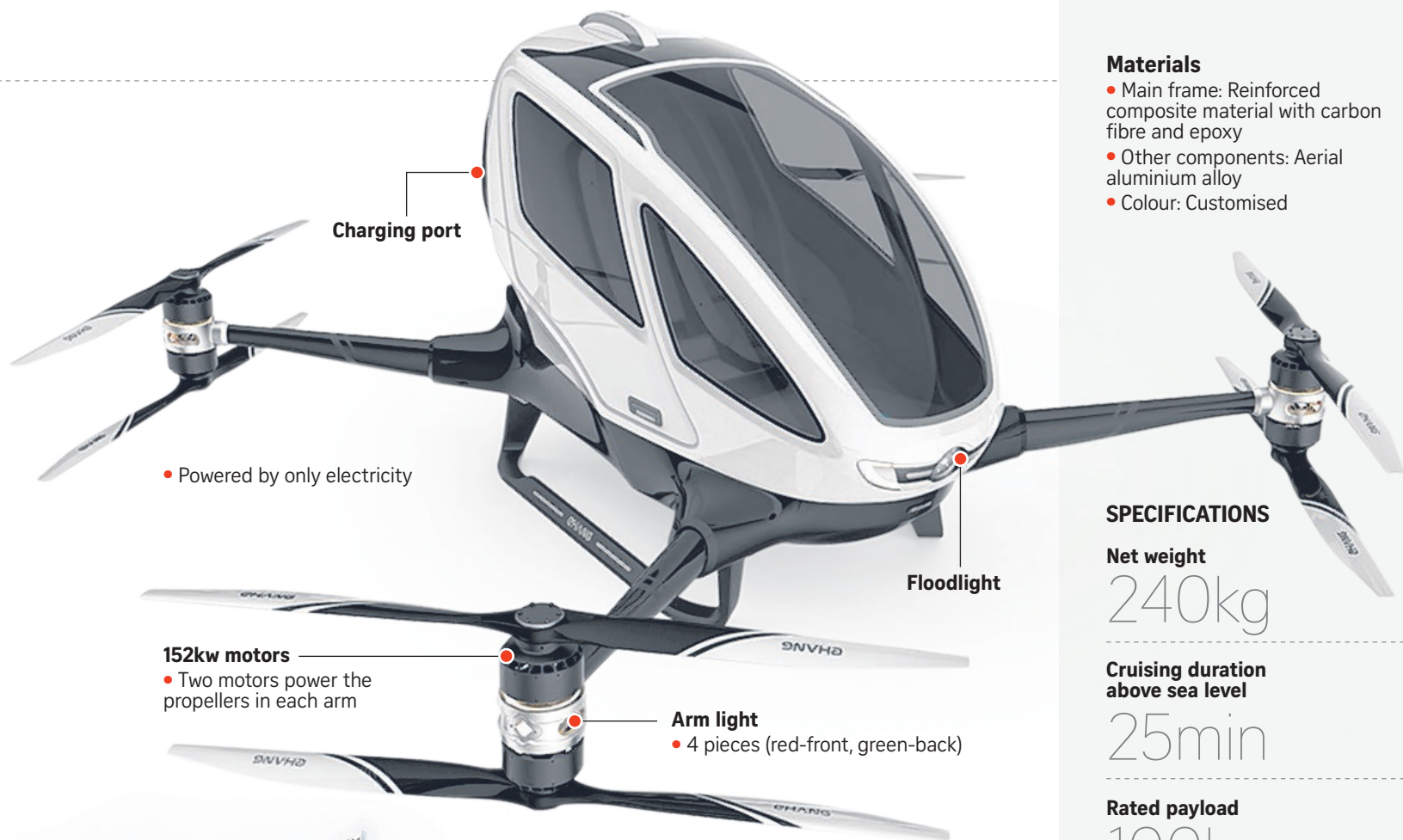
Fail-safe system

- If any components malfunction or disconnect, the aircraft will immediately land in the nearest possible area to ensure safety



Automation

- Ehang 184 flies in an inverted U shape
- Take-off/landing points are landing targets pre-set with Ehang Logo
- The landing camera will position the landing targets automatically and accurately



Materials

- Main frame: Reinforced composite material with carbon fibre and epoxy
- Other components: Aerial aluminium alloy
- Colour: Customised

SPECIFICATIONS

Net weight
240kg

Cruising duration above sea level
25min

Rated payload
100kg

Average cruising speed
60kmh

Maximum designed flight height
3,500m above sea level

Charging time
4h (50A) for slow charge
1h (200A) for fast charge

Maximum battery capacity
17kwh



Interior

- Seat depth: 395mm
- Seatback height: 860mm
- Seatback angle: 95deg
- Storage capacity: 46cm backpack



Ehang 184 when folded.

