

EHANG | 亿航 EH | Nasdaq Listed

Leading The Air Mobility Revolution



EHANG | 亿航

About EHang (Nasdaq: EH)

- The world's leading autonomous aerial vehicle (“AAV”) technology platform company
- The world’s first publicly traded Urban Air Mobility (“UAM”) company
- Developed the world's first passenger-grade AAV and the world’s first AAV command-and-control center.
- The first autonomous eVTOL type certification (“TC”) project with the Civil Aviation Administration of China



Key Advantages of EHang as a UAM Expert

1

First mover in the industry



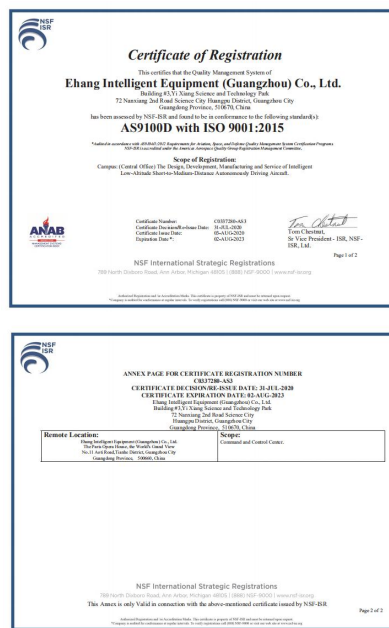
2

Full autonomous flight with safety



3

Leading certification progress



4

Network connected



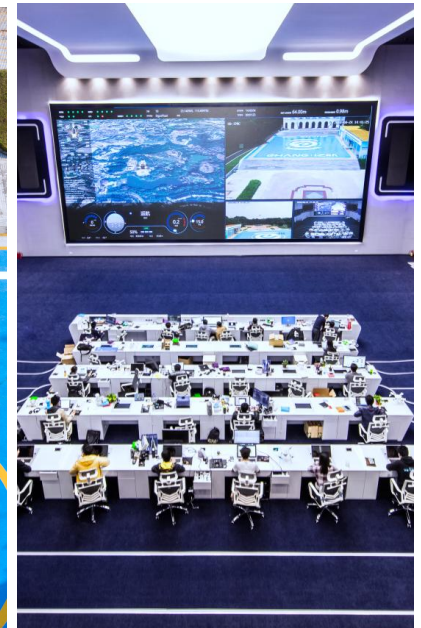
5

Mass production in place



6

Centralized mgmt by centralized platform



How UAM Changes Urban Transportation

Three-dimensional transportation



Reduce traffic congestion and improve efficiency

Point-to-point routes & fully autonomous aerial vehicles



Reduce traffic accidents usually caused by human errors

Vertical take-off and landing air mobility



Reduce infrastructure expenditures

Fully electric-driven



Reduce exhaust emissions

EHang - UAM Platform Operator



Our Integrated Technology Platform

Autonomous Aerial Vehicles (AAVs)

Comprehensive product family of high-performing AAVs for a multitude of applications

EH216 Series



EH216-S (Dual-Seat)



EH216-F (Firefighting)



EH216-L (Logistics)

VT Series



VT-30 (Dual-Seat)



VT-20



VT-10

Others



Falcon B



GD Series

AAV Operating Platform

Operating systems and extended infrastructure that facilitate management and operations of AAVs at scale

AAV Operating Systems



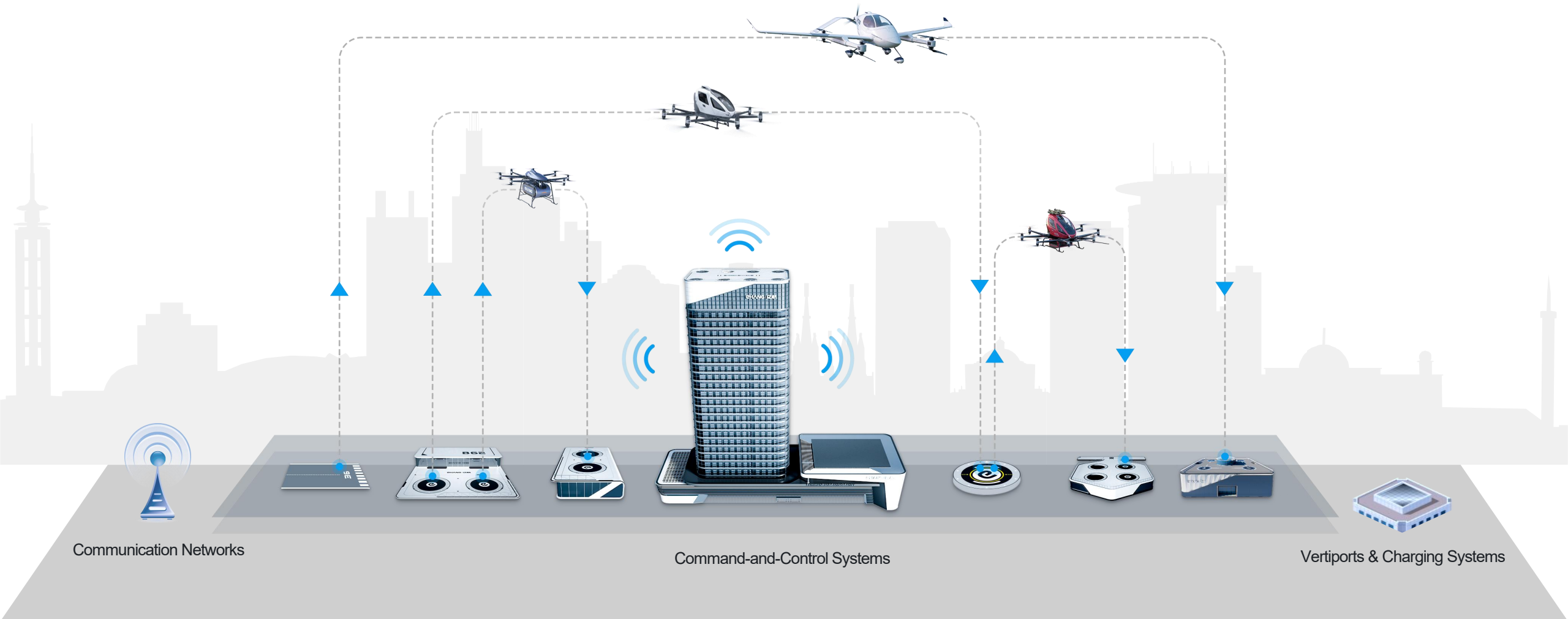
Command-and-Control Systems



Vertiports and Charging Systems



EHang as A UAM Platform Operator



Various Use Cases in UAM Industry



● Aerial Sightseeing



● Emergency Transportation



● High-Rise Firefighting



● Aerial Logistics



● Commuting within City



● Airport Shuttle Service

Innovative Technology



Hardware Safety

Full-redundancy design for all major flight components of the aircraft, including the flight control systems, sensors, power systems, batteries and their management systems. In case of any component malfunction the backup components will immediately and seamlessly take over control to ensure safety.



System Safety

EHang AAV boasts multiple flight control systems, each further having multiple sensors and a voting mechanism. This design makes the whole system able to obtain correct data and function safely even in complicated circumstances.



Communication Security

The communication data of EHang AAV system with the command and control center is encrypted, and each aircraft has its independent key to avoid any malicious hacking.



Flight Safety

The built-in fail-safe system is able to automatically assess the health of the aircraft in real time. In case of any malfunction of the major flight components, or collision with other objects such as birds and certain damages are caused, the fail-safe system will automatically assess the damage level and determine whether to continue the flight or to land at nearby vertiports.



Contingency Reaction

In case of any emergency, the command and control center can step in immediately and take appropriate measures based on the situations to ensure the safety of passengers and aircrafts.



Green Energy of Electric Power

- Safe Power
- Green Energy
- Fast Recharging
- Smart BMS



Autopilot Empowered by AI

- Autopilot
- Intelligent Navigation
- Accurate Landing

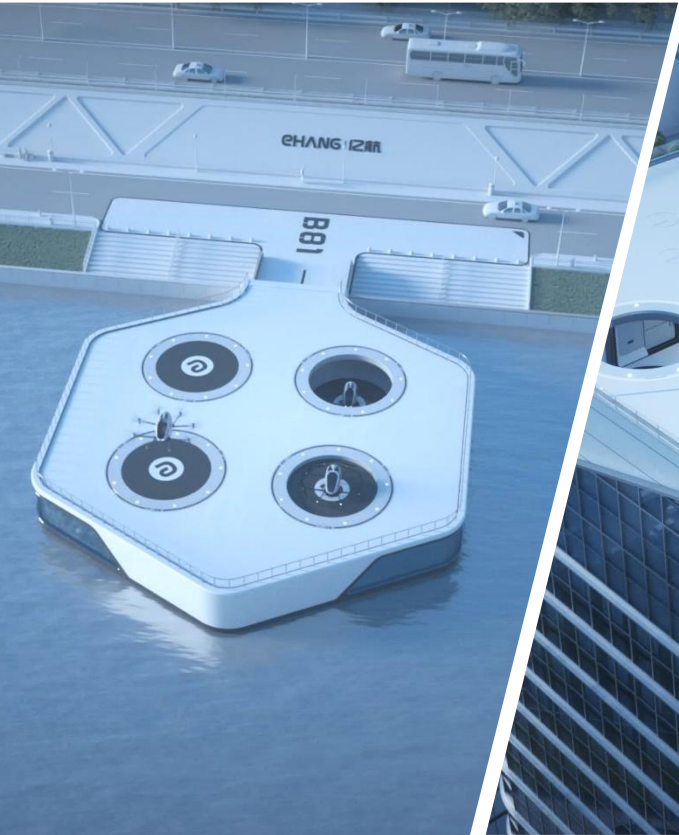


Command-and-control Platform

- Route Setting
- Dispatching & Monitoring
- Pre-warning
- Centralized Management
- Contingency / Risk Management

Infrastructure

Landing Pads



Departure Area



Charging Platforms








5G Network



EH216-S Passenger-Grade AAV for Intra-City Air Mobility

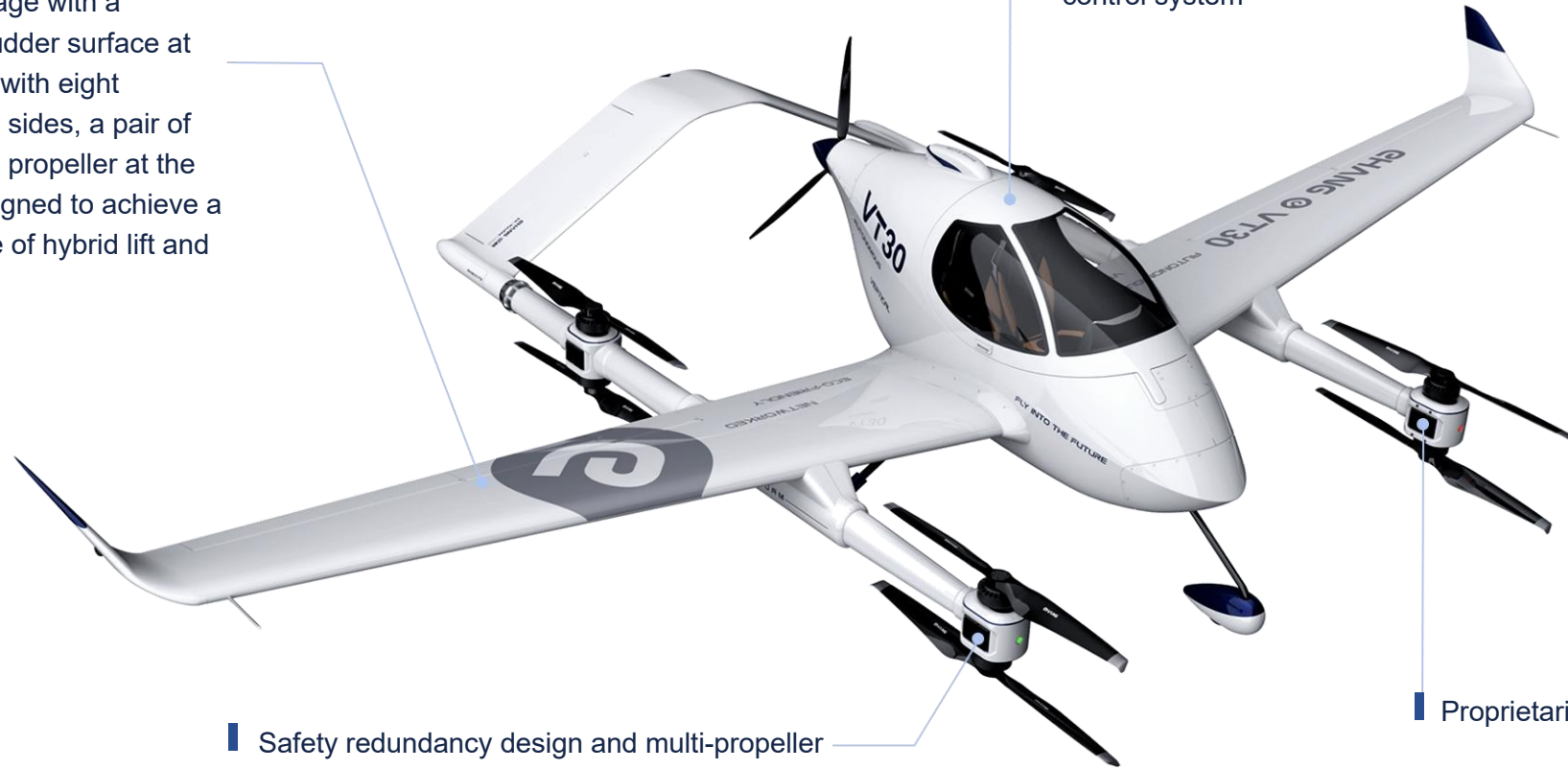


-  **Safe and Reliable**
-  **Autonomous and Intelligent**
-  **Advanced Cluster Management Capabilities**
-  **Connected**
-  **Eco-Friendly**

VT-30 Passenger-Grade AAV for Inter-City Air Transportation

Streamlined fuselage with a combined lifting rudder surface at the tail. Equipped with eight propellers on both sides, a pair of fixed wings, and a propeller at the rear, which is designed to achieve a maximum balance of hybrid lift and push.

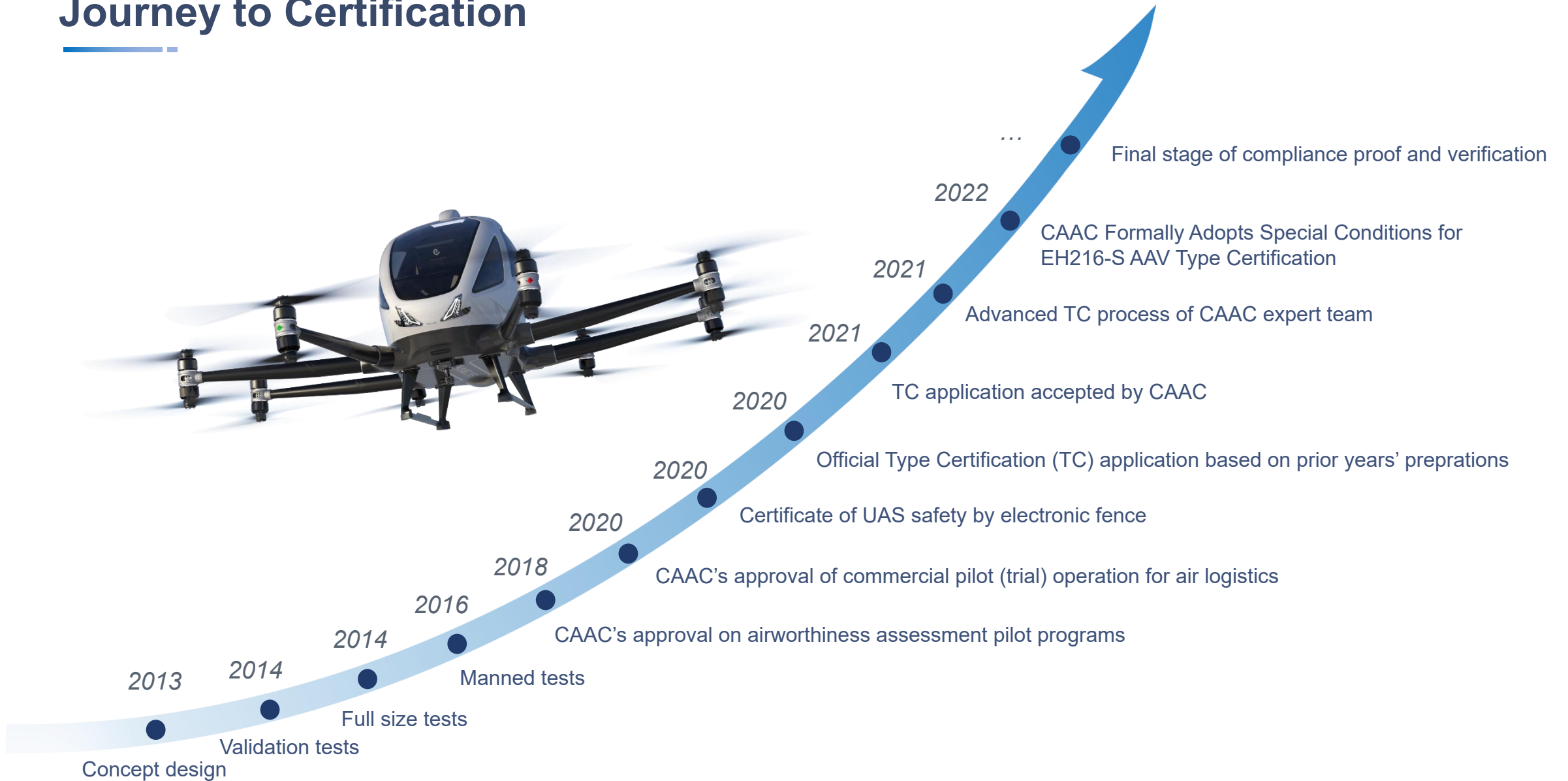
Can carry two passengers each trip
Fully autonomous with real-time connection enabled by the advanced command-and-control system



Safety redundancy design and multi-propeller distributed electric propulsion system

Proprietarily-developed HPD motor

Journey to Certification



Global Flight Footprints of EHang Passenger-grade AAVs

Accumulated ~**34,000** safe trial flights in **12** countries across Asia, Europe, Americas*



*Data: as of March 2023, including the flight records of EH184, EH116, and EH216 series.

THE FUTURE IS NOW

www.ehang.com

