

EHang Holdings Limited Investor Presentation

September 2021



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About EHang

- The world's leading autonomous aerial vehicle (“AAV”) technology platform company
- The world’s first publicly traded Urban Air Mobility (“UAM”) Company
- The world’s first passenger-grade AAV
- The world’s first AAV command-and-control center



Our Mission

Enable safe, autonomous and eco-friendly air mobility for everyone



Urban Air Mobility (UAM)



UAM is a new air transportation system for passengers and cargo in and around densely populated and built-up environments, made possible by vertical take-off and landing electric aircraft (VTOL) equipped with new technologies, such as enhanced battery technologies and electric propulsion. These aircraft will have a pilot on board or be remotely piloted.



Urban Air Mobility (UAM) envisions a safe and efficient aviation transportation system that will use highly automated aircraft that will operate and transport passengers or cargo at lower altitudes within urban and suburban areas.



NASA's vision of UAM is a safe and efficient air transportation system where everything from small package delivery drones to passenger-carrying air taxis operate above populated areas.

UAM Market Size

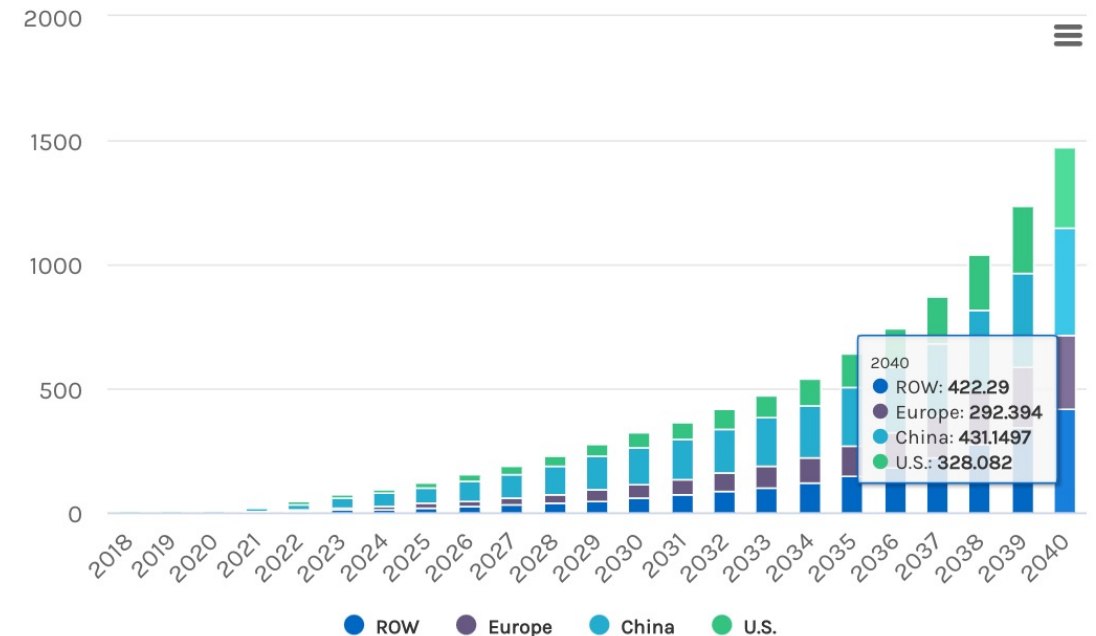
* Total Addressable Market: **US\$1Tn by 2040, US\$9Tn by 2050**

“If you’re bullish on autonomous cars, it’s time to start looking at autonomous aircraft.”

China is estimated to be the **world’s largest regional UAM market**, taking nearly **30%** of the global UAM market.



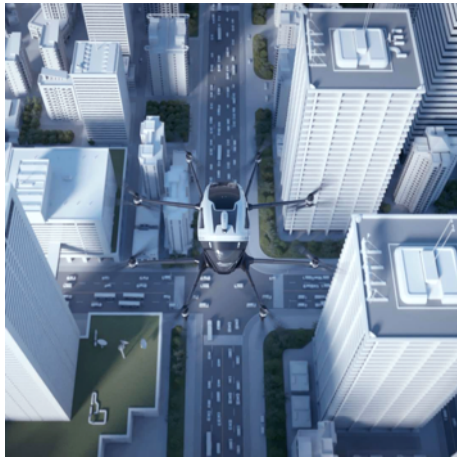
Urban Air Mobility Global Total Addressable Market (Base Case)



Source: Morgan Stanley Research

How UAM Changes Urban Transportation

Three-dimensional Transportation



Relieve traffic congestion and improve efficiency

Point-to-point route & fully autonomous aerial vehicle



Reduce traffic accidents usually caused by human errors

Vertical take-off and landing air mobility



Reduce infrastructure expenditures

Fully electric-driven



Reduce exhaust emission

EHang - UAM Platform Operator



Our Integrated Technology Platform

Autonomous Aerial Vehicles (AAVs)

Comprehensive portfolio of high-performing AAVs for a multitude of applications

Passenger-grade AAVs



EH216 (Dual-seat)



VT-30 (Dual-seat)



EH116 (One-seat)



EH216F (Firefighting)



EH216L (Logistics)

Non-passenger-grade AAVs



Falcon B



GD 2.0X



V100

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



EH216 Passenger-grade AAV for Intra-City Air Mobility



 **Safe and Reliable**

 **Autonomous and Intelligent**

 **Cluster Management Capable**

 **Connected**

 **Eco-friendly**

VT-30 Electric Hybrid 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, it has a pair of fixed wings, and a propelling propeller at the rear, which are designed to achieve a maximum balance of hybrid lift and push.

Can carry two passengers per trip
Fully autonomous, and connected in real time with the command-and-control system



Safety redundancy design and multi-propeller distributed electric propulsion system

Proprietarily-developed HPD motor

First Mover of Commercial Delivery of Passenger-grade AAVs



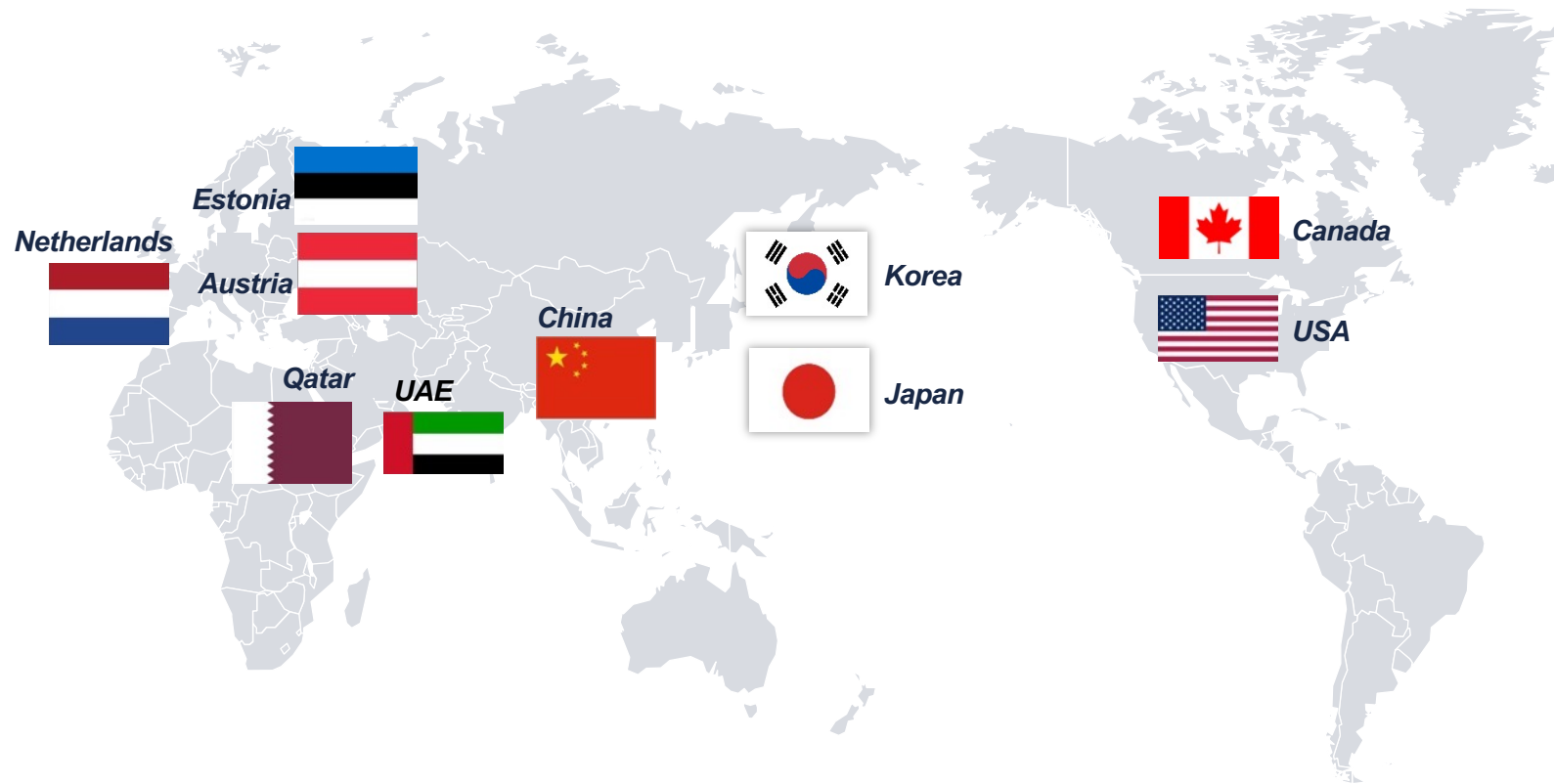
Since 2017, our quality management system has been certified to AS9100, a quality standard widely recognized in the global aerospace industry.

EHang Yunfu Production Facility

- Operations began in late June 2021.
- Approximately 24,000 square meters in gross floor area
- Housing the major AAV production processes from manufacturing of key components and carbon fiber composite airframes to AAV assembling and flight testing in designated function areas
- Planned initial annual capacity of 600 units of passenger-grade AAVs



Worldwide Footprint of EHang Passenger-grade AAV Trial Flights



China

UAE

Netherlands

Qatar

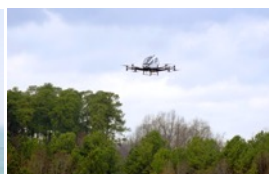
USA

Korea

Austria

Japan

Estonia

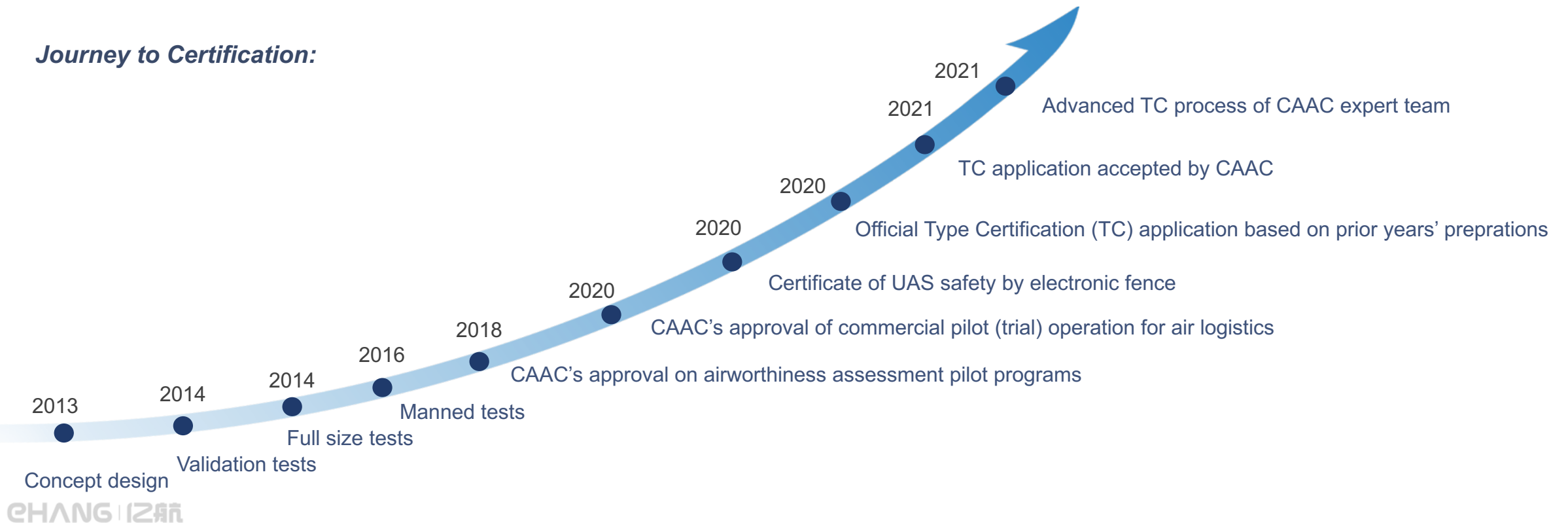


Chinese Policies, Regulations and Certification



- The State Council of China proposed to incorporate the development of Urban Air Mobility into **China's National Strategies**;
 - China's 14th Five-Year Plan (2021-2025) promotes the **innovation development of the aviation industry**;
 - The State Council of China issued the "**Guidelines of the National Comprehensive Transportation Network Plan**" for the development of a comprehensive transportation network by 2035 and calls for **intelligent general aviation vehicle applications**.
-
- CAAC issued the **Pilot Operation Rules (Interim) for Specific Unmanned Aircraft** in February 2019.
 - CAAC announced 13 **Unmanned Civil Aviation Experimental Bases** in China in October 2020.

Journey to Certification:



Overseas Regulatory Approvals for Leading Trial Flights

2020/1			<ul style="list-style-type: none"> Foreign Civil Aircraft Special Flight Authorization (SFA) for trial flights of EH216 in North Carolina
2020/2			<ul style="list-style-type: none"> Operational flight permit for trial flights of EH216 with a local partner for the purpose of testing and certification in Elvenes, Norway
2020/7			<ul style="list-style-type: none"> Special Flight Operations Certificate (SFOC) for trial flights of EH216 with a local partner in Quebec
2020/11			<ul style="list-style-type: none"> Special Certificates of Airworthiness for trial flights of EH216 with a local partner in several Korean locations, including Seoul, Daegu, and Jeju Island
2020/12			<ul style="list-style-type: none"> Trial flight permit of unmanned trial flights of EH216 with a local partner across Austria national airspace
2021/5			<ul style="list-style-type: none"> Trial flight permit for unmanned trial flights of EH216 with a local partner in Okayama Prefecture, Japan
2021/8			<ul style="list-style-type: none"> Special Permit for unmanned trial flights of EH216 in designated airspace in Estonia

Innovative AAV Commercial Solutions



1

Passenger Transportation

Short-to-medium-to-long-range urban air transportation solutions and services employing passenger-grade AAVs



3

Smart City Management

Encompass traffic management, public safety, emergency response, disaster relief, and forest fire inspection using integrated AAV solutions on a centralized command-and-control platform

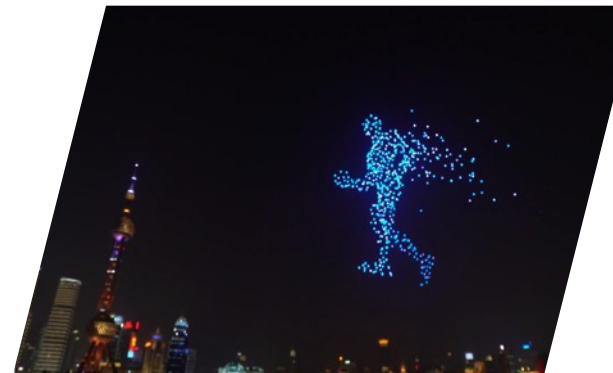
Air Mobility



2

Logistics

Provision of logistics solutions and services, with a focus on urban air deliveries enabled by AAVs



4

Aerial Media

Manage and choreograph a fleet of small AAVs into a series of moving images

Aerial Sightseeing

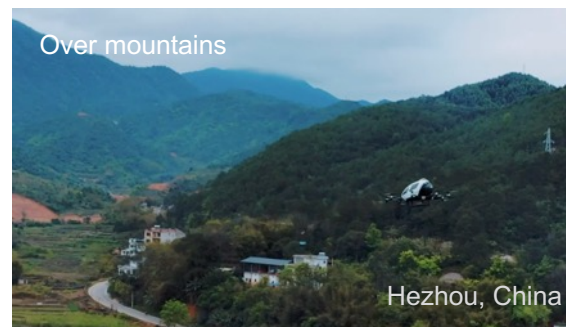
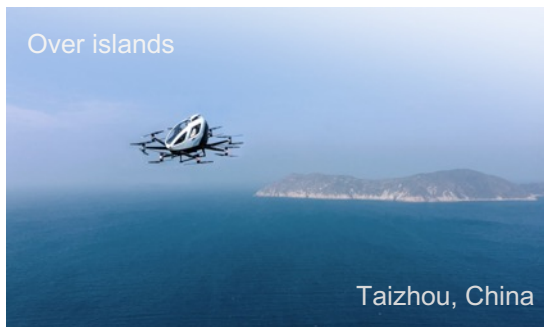
Use Case #1: Urban Aerial Tour



Use Case #2: Aerial Tourism for Coastal Resort Hotel



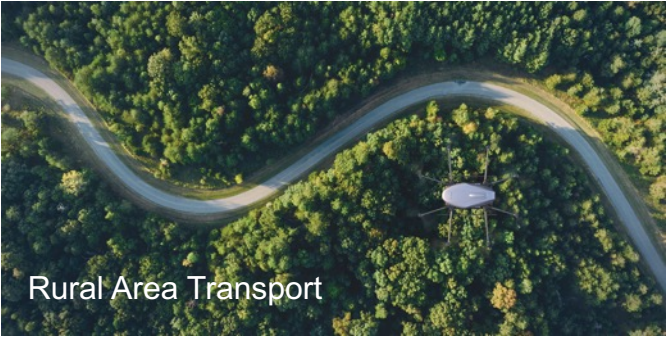
Use Case #3: Scenic Location Sightseeing



Aerial Logistics



Heavy-lift Cargo Transport



Rural Area Transport

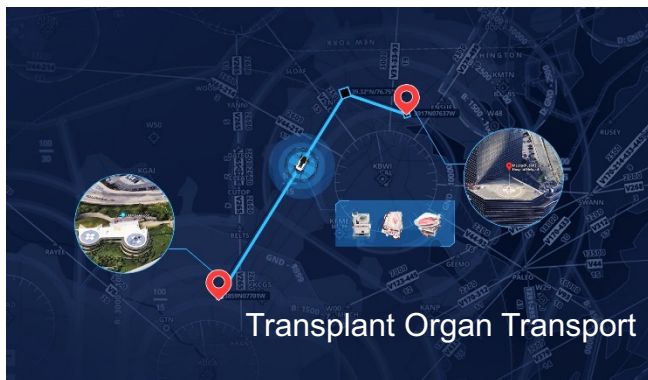


Offshore O&G Platform Cargo Transport



Urban Aerial Delivery

Emergency Transport



Aerial Firefighting

EH216F

World's first heavy-lift intelligent aerial firefighting solution
Designed for urban high-rise firefighting

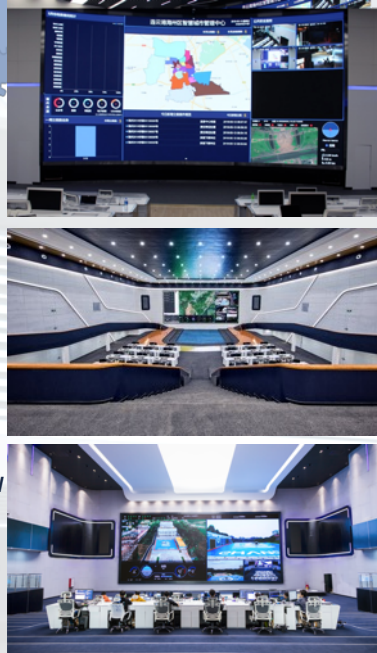
- High-rise firefighting up to 600 meters
- Large payload: carrying 150-liters foams with 6 extinguisher projectiles
- Centralized management by command-and-control system
- Distributed deployment & quick response
- Completed 52 tests conducted by the China National Fire-Fighting Equipment Quality Supervision Testing Center



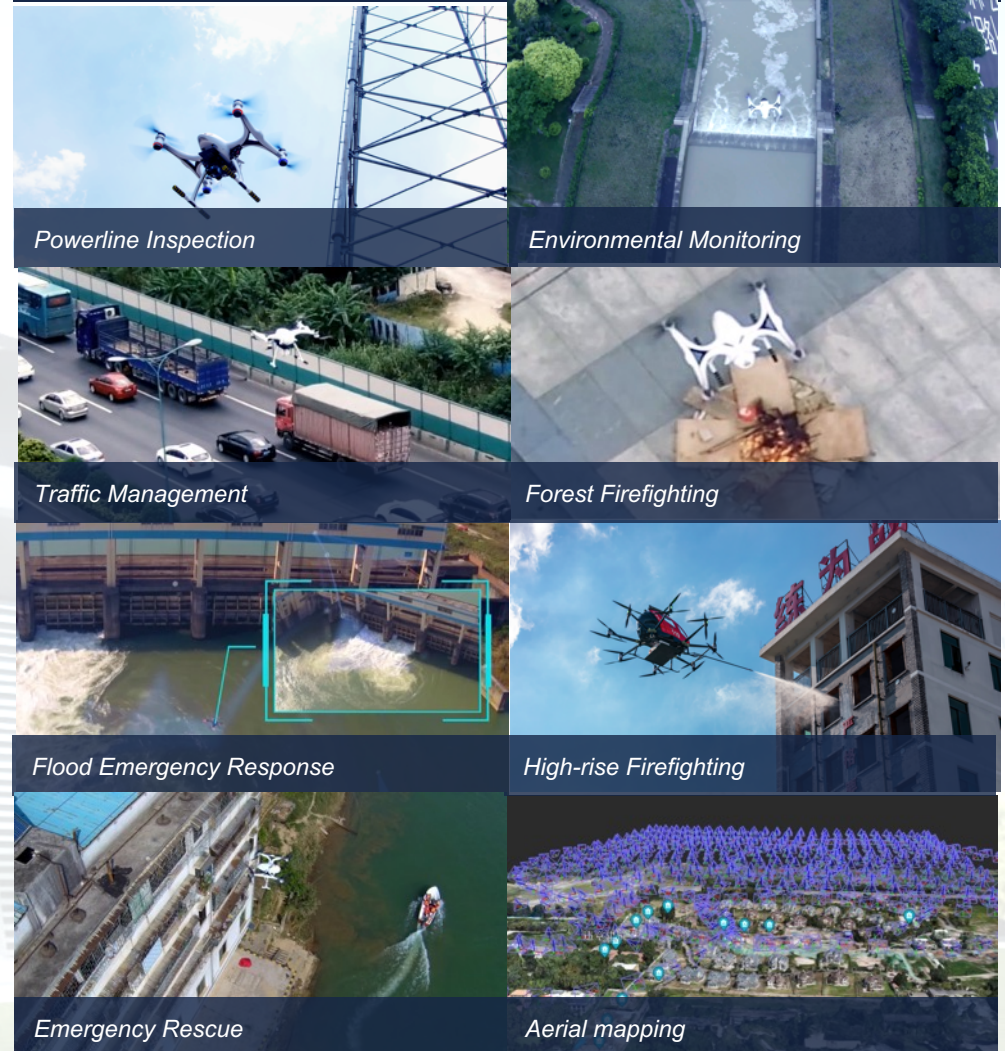
Smart City Management

Our Command-and-Control Center Network in China

We successfully developed integrated command-and-control centers that centralize and coordinate a wide range of AAV applications simultaneously.



Smart City Management Use Cases



Aerial Media

Reinventing the Aerial Landscape

Large-scale outdoor aerial formations of AAVs choreographed into light-based images against the backdrop of the night sky

Global Leading Technology

Simultaneous control of thousands of AAVs by a command-and-control system with highly precise positioning powered by real-time kinematic satellite-based navigation technology

World Record Breaking

Guinness World Records for *The Most UAVs Airborne Simultaneously* and *The Most Consecutive Formations Formed by UAVs Same Set*

Entertaining and Viral

Unique means of advertising and entertainment that is highly dynamic, impactful and eco-friendly

Aerial Media Customer Cases



100 Air Mobility Routes Initiative

Objective:

To implement 100 air mobility routes in 2 years with an initial focus on the Guangdong-Hong Kong-Macao Greater Bay Area of China.

Progress:

- Expanded a professional air mobility operation team
- Targeted 15 self-run operation spots and 21 customer-run operation spots
- Screened and tested 7 operation spots



Investment Highlights



1. World's First Publicly Traded Urban Air Mobility Company
2. Massive, Fast-growing Target Market Ready for True Disruption
3. Global Market Leader and First Mover of Commercialization Ahead of Competition
4. World's Leading Scalable Urban Air Mobility Platform with Integrated Product Suite
5. Continuous, Industry-disruptive Regulatory Breakthroughs
6. Compelling High Growth and Margin Business Model
7. Ecosystem Enabler with Global Partnership Network
8. Experienced, Entrepreneurial Management Team

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Fly into the Future



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