



EHANG EH216-S EVTOL COMPLETES DEBUT FLIGHT IN DOWNTOWN SHANGHAI

News / Business aviation, Manufacturer



EH216-S completed its inaugural demo flight in downtown Shanghai. It served as an excellent backdrop to demonstrate the exceptional capabilities in convenience, safety, and eco-friendliness within the operational environment of UAM in metropolises. It has also officially launched the regular trial operation of the eVTOL sightseeing routes by the Huangpu River at Longhua Airport in Shanghai, in preparation for the following commercial operations in Shanghai. This move aims to realize the urban air mobility in mega central cities.



Longhua Airport is regarded as the only airport in Shanghai downtown area with apron airspace and is home to the East China General Aviation Service Center of the Civil Aviation Administration of China. As an important base for the high-quality development of Shanghai's low-altitude economy, Longhua Airport offers ideal conditions for various low-altitude economic activities, including aerial mobility, tourism and sightseeing, emergency rescue and logistics. This flight not only showcased EH216-S's capabilities for commercial applications in urban sightseeing and travel scenarios, but also laid a solid foundation for its future gradual implementation and realization of regular commercial operations of urban air taxis in the Yangtze River Delta region centered around Shanghai.



EH216-S for this debut flight is one of the aircraft products that EHang has delivered to its customer Shanghai Hynfar Aviation Co. Hynfar Aviation is the pioneering company in Shanghai focusing on eVTOL operations and an eVTOL operation partner of Longhua Airport. Going forward, EHang and Hynfar Aviation, and New Margin Eastwood Fund, will take Longhua Airport as the base, to develop a variety of low-altitude economy eVTOL operational scenarios such as

passenger transportation and urban sightseeing in the entire area of Shanghai and further covering cities and regions along the Yangtze River Delta G60 Science and Innovation Corridor (including nine cities across Shanghai, Jiangsu, Zhejiang, and Anhui provinces). This collaboration aims to promote more cities to realize new models of air taxi transportation.



The Action Plan for High-Quality Development of Shanghai Low-Altitude Economy Industry (2024–2027) aims to position Shanghai as a leading hub for innovation, commercial applications, and operational services in the low-altitude economy, with the core industry scale expected to exceed RMB50 billion by 2027, creating an internationally influential “City in the Sky.” The Plan specifically mentions the goal of achieving more than 100 low-altitude flight service applications in commercial scenarios such as logistics transportation, emergency rescue, cultural tourism, smart cities, and passenger transportation by 2027. It also promotes pilot projects for commercial passenger transport across and between major transportation hubs, such as Hongqiao International Airport, Pudong International Airport, and Longhua Airport, in addition to five new intra-city stops within Shanghai. This provides clear policy guidance and vast development opportunities for the low-altitude economy’s growth.

Mr. Zhao Wang, EHang’s Chief Operating Officer, stated: “As the world’s first pilotless passenger-carrying eVTOL that has obtained the Type Certificate, Production Certificate, and Standard Airworthiness Certificate from the CAAC, EH216-S’s successful debut flight in Shanghai has a great demonstration importance, signifying that large central cities in China are on the verge of entering the era of urban air taxi flight scenarios. With metropolises gradually advancing the development and operations of the low-altitude economy, EHang’s pilotless passenger-carrying eVTOLs are poised to become a key driver in UAM transformation. Looking ahead, we will fully leverage our first-mover advantage as the world’s first certified eVTOL company and join hands with Hynfar Aviation, which has been deeply rooted in the civil aviation field for many years, and combine the all-encompassing layout and rich cultural and tourism resources of the New Margin Eastwood Fund in the low-altitude economic sector, to actively promote market-oriented, EH216-S commercial operations in Shanghai and the Yangtze River Delta region. Together, we will explore the diversified application scenarios within the low-altitude economy and jointly build a smarter and more efficient UAM ecosystem, making air taxi rides a part of consumers’ daily travel routines.”

18 JANUARY 2025

ARTICLE LINK:

<https://connect.50skyshades.com/news/manufacturerehang-eh216-s-evtol-completes-debut-flight-in-downtown-shanghai>