EHang Unveils EH216-EK High-Payload Firefighting eVTOL, Expanding Multi-Scenario Emergency Response Portfolio

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GUANGZHOU, China, Nov. 04, 2026 (GLOBE NEWSWIRE) -- EHang Holdings Limited (“EHang” or the “Company”) (Nasdaq: EH), the world’s leading Advanced Air Mobility (“AAM”) technology platform company, today unveiled the EH216-EK, a firefighting pilotless electric vertical take-off and landing (“eVTOL”) aircraft with high-payload airdrop deployment, designed for aerial firefighting in early-stage forest and grassland fires, as well as fire emergencies at large industrial parks and warehousing and logistics facilities. EH216-EK features a multi-channel fire-extinguishing payload release system for high-payload, multi-point aerial fire suppression, further expanding EHang’s portfolio of solutions for emergency response.

At the “Smart Manufacturing in Wencheng, EHang Takes Flight into the Future” event held at the EHang Wencheng Smart Manufacturing Center, local government officials and EHang executives attended to witness the debut of EH216-EK, including Zhao Wang, Chief Operating Officer of EHang; Xiaona Lee, China General Manager of EHang; and Daoyi Lee, General Manager of the Fire and Emergency Business Unit. EH216-EK also completed an on-site firefighting demonstration flight, showcasing its rapid response, stable flight, and precision fire suppression capabilities, and demonstrating a new approach to containing fires at an early stage.



Photo: EH216-EK high-payload firefighting eVTOL makes its debut

The EHang Wencheng Smart Manufacturing Center is being developed as a specialized low-altitude industry base integrating eVTOL production and assembly, testing and delivery, and maintenance services. The first batch of EH216-EK aircraft has completed assembly at the center, supporting EHang's ongoing product validation, application development and future business initiatives for the aircraft. The facility is also expected to contribute to the development of the local low-altitude industry ecosystem and related application scenarios.

Built on a Safety Technology Platform for Aerial Firefighting

EH216-EK leverages the safety design principles of the EH216 series, featuring pilotless operation, vertical takeoff and landing, backup systems, redundancy design, and cluster management. Built on these features, EH216-EK is designed to reach fire scenes quickly and conduct aerial fire suppression during the critical early stages of a fire. It is intended to offer a flexible and efficient complement to conventional ground firefighting forces.



Photo: EH216-EK conducts a firefighting demonstration in Wencheng

EH216-EK has a maximum design takeoff weight of 620 kilograms and a maximum design mission payload of 160 kilograms. Equipped with a 12-channel independently electronically controlled release system, it comes standard with twelve 10-kilogram fire-extinguishing canisters, or optionally eight 20-kilogram fire-extinguishing canisters. The canisters are compatible with different extinguishing agents, including water-based agents and ultra-fine dry powder. Each canister is designed to cover an area of approximately 6 to 8 meters in diameter, allowing flexible configuration to match fire conditions and precision suppression through coordinated multi-channel release. In addition, its redundant multirotor propulsion and advanced flight-control algorithms provide wind resistance and resist the intense thermal updrafts at fire scenes, designed to support steady hovering and precise payload release even in harsh environments.

EH216-EK Targets High-Risk Fire Scenarios, Expanding EHang's Firefighting Solutions Across Diverse Applications

In forest and large-site firefighting, early intervention is critical to containing fires before they spread. The initial stages of a fire are key to limiting its spread and reducing the complexity of subsequent response efforts, making timely response and effective suppression essential. EH216-EK is designed to provide aerial support during this critical early-response window, helping contain fires before they escalate.

EH216-EK is designed for remote forest fires, fires in elevated or otherwise hard-to-reach locations where conventional fire trucks equipped with aerial ladders or platforms may have limited access, and fires at large industrial sites and storage yards. In these scenarios, it can work with EHang's proprietary command and dispatch platform and lightweight fire-monitoring drones to support coordinated air-ground operations. The drones can relay information on fire locations and spread patterns to the platform, which can automatically generate three-dimensional mission flight routes. The EH216-EK can then fly autonomously to the designated area and precisely release its firefighting payload, helping contain fires at an early stage, reducing the need for firefighters to enter hazardous areas and buying valuable time for ground response teams.



Photo: Artist's rendering of the EH216-EK high-payload firefighting eVTOL for use in forest fires and fires at large sites

Looking ahead, EHang will continue product validation and application development for EH216-EK, while working with emergency management agencies, forestry authorities and industrial park operators on joint exercises and application initiatives. The addition of EH216-EK will further strengthen EHang's portfolio of specialized firefighting aircraft. By expanding its product portfolio and application scenarios, EHang is building a more diversified range of pilotless aerial vehicles to address a wider range of industry needs and create broader opportunities for business growth.

About EHang

EHang (Nasdaq: EH) is a global-leading Advanced Air Mobility technology platform company dedicated to making safe, autonomous and eco-friendly air mobility accessible to everyone. EHang focuses on the research, development and manufacturing of a diversified portfolio of pilotless electric vertical take-off and landing (eVTOL) aerial vehicles, covering a wide range of application scenarios including aerial tourism, intra-city commuting, inter-city travel, logistics transportation and emergency firefighting. EHang's flagship product, the EH216-S, has obtained the world's first type certificate (TC), production certificate (PC) and standard airworthiness certificate (AC) for pilotless passenger-carrying eVTOL aircraft issued by the Civil Aviation Administration of China (CAAC), and has entered operation under China's first batch of commercial operation qualifications for pilotless passenger-carrying eVTOL aircraft. In addition, the Company's long-range VT35 model further extends inter-city mobility scenarios, laying the foundation for a multi-tiered low-altitude mobility network. Leveraging its advanced autonomous flight technology and scalable operational infrastructure, EHang is redefining the transportation of people and goods — transcending cities, regions and natural barriers to usher in a new era of air mobility. For more information, please visit www.ehang.com.

Safe Harbor Statement

This press release may contain forward-looking statements within the meaning of the "safe harbor" provisions of the United States Private Securities Litigation Reform Act of 1995. Forward-looking statements can be identified by terminology such as "will," "expects," "anticipates," "aims," "future," "intends," "plans," "believes," "estimates," "may" and other similar expressions. Statements that are not historical facts, including statements regarding management's beliefs and expectations, are forward-looking statements. Forward-looking statements involve inherent risks and uncertainties. Many factors could cause actual results to differ materially from those contained in any forward-looking statement, including but not limited to product certification, the Company's expectations regarding demand for and market acceptance of its products, the commercialization of the Company's unmanned aerial vehicle products and solutions and Advanced Air Mobility services, its relationships with strategic partners, its international deployment plans, regulatory sandbox initiatives, aircraft deployment, local operational approvals, the timing of flight validation and commercial operations in overseas markets, and the litigation currently involving the Company and potential litigation. The Company's management has made such forward-looking statements based on current expectations, assumptions, estimates and projections. While the Company's management believes that these expectations, assumptions, estimates and projections are reasonable, forward-looking statements are only predictions of future events and involve known and unknown risks and uncertainties that are difficult for the Company's management to control. These risks and uncertainties may cause EHang's actual results of operations, performance or achievements to differ materially from those expressed or implied by any forward-looking statements.

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Photos accompanying this announcement are available at:

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