

Drone company readies med delivery in remote UP areas

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LUCKNOW: After delivering vaccine in Telangana, a medicine package drop in extreme weather (-5 degrees Celsius) in Himachal and also in a remote village of Meghalaya's subtropical forest, a Noida-based drone company called Tech Eagle, is preparing to start medicine delivery in remote corners of UP with their fixed wing, but vertical takeoff and landing (e-VTOL) drone operated by battery.

The drone startup company whose manufacturing hub is in Gurugram, showed its latest product Vertiplane X3, a hybrid e-VTOL at the exhibition organized at the groundbreaking ceremony 3.0.

Speaking to TOI, the drone startup owner, 24-year-old Vikram Singh Meena, said, "Vertiplane X3 has capabilities of both a helicopter and an

airplane with multiple fail-safe features. It is designed for last-mile delivery even in inaccessible areas."

"The drone is programmed with a pre-decided flight path and there is minimum human intervention once it is in the air. It has a range of 100 km with maximum speed of 120kmph and ceiling height of 4,500 metres. Currently, Vertiplane X3 payload capacity is 3 kg, but we are working on 25 kg, 50 kg, 75 kg and 100 kg payload carrying variants," said the IIT Kanpur alumnus, who hails from a small village in Tonk district of Rajasthan.

He said, "Even today, there is no service, like Amazon, to my village Kishanganj, which is 140 km from Jaipur. I have seen people die after snakebite, because of unavailability of anti-venom in remote areas like my own village. So, our drone will be a game changer for remote government-run medical health facilities."