

Transportation businesses use unmanned aircraft to provide medical supplies in the United States

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UPS - the world's largest cargo delivery company and also a leading provider of specialized shipping and logistics services, announced on Tuesday, March 26 that it will begin operations. testing the drone project called WakeMed, aimed at providing and transporting medical supplies in North Carolina, USA. It is known that this is the project that UPS and Matternet aerospace company has cherished and researched for many years. More specifically, starting today, a number of medical supplies (mainly specimens) will be transported by quadcopter M2 drones (the multi-purpose helicopter is lifted Matternet's four propellers up and down to WakeMed Hospital in Raleigh, North Carolina.



1. Memorize with the world record set of 1,374 unmanned aircraft

This ambitious unmanned delivery program will be closely monitored by the Federal Aviation Administration and the North Carolina Department of Transportation. Of course, due to the new phase of testing, the scale and length of flights will be relatively limited. Matternet's drones can now carry specimens weighing about 2.3kg, with a distance of up to 20km. UPS and Matternet specifically described their joint project as follows:

Our idea in the WakeMed project is that health professionals will 'package' safety containers containing medical devices or specimens (such as blood samples) on unmanned aircraft. , and the remaining mission will belong to these smart planes. Based on the map, they will find the best route and transport samples to one of the medical facilities under the WakeMed hospital system. Specifically, unmanned aircraft will fly along a predetermined

flight route, monitored by a 'Remote Pilot-in-Command (RPIC)' that has undergone solid training special. The aircraft will land at a fixed landing zone at the campus, or in front of WakeMed hospital pathology laboratory. This is temporarily a pilot program in conjunction with WakeMed Hospital, UPS and Matternet will actively collect data as well as assess the situation most thoroughly to consider how unmanned aircraft Can be applied in improving transportation services at hospitals and other medical facilities throughout the United States.



1. Unmanned aircraft help scientists monitor endangered sea turtles

Matternet, an aerospace company based in Menlo Park, California, has previously carried out many pilot projects under the FAA unmanned pilot program, the most notable of which is chapter unmanned delivery program in Switzerland with the help of Mercedes-Benz.



Meanwhile, UPS - a delivery company with over 100 years of age - has in recent years been particularly interested in using unmanned aircraft to provide health care and medical products. . Earlier, the delivery giant also partnered with the nonprofit vaccine organization GAVI and Zipline in 2016 to bring more blood samples to remote locations in Rwanda. UPS emphasizes the advantages of using drone devices to deliver goods such as avoiding traffic jams, increasing efficiency in delivering medical samples, especially cost savings. .



1. The 50 most wonderful inventions of 2018 by Time Magazine (Part 1)

Despite the predictions of "steel" from the tycoons as well as many CEOs about the bright future of air transport by unmanned aircraft, delivery by drone is in fact still in phase. The young part and the growth rate is not impressive. However, it is also impossible not to mention that space safety regulations currently contain formidable barriers for most companies that want to launch unmanned aerial transport services. trade. Many debates about whether to allow companies like Matternet to operate unmanned aircraft beyond the pilot's visual visions, at night and in densely populated areas still seem has an end. Therefore the future of drone development in the field of delivery in particular and commercial aviation in general is still a big question mark.

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