

Drone Delivery Canada Achieves Significant Development Milestone

Posted on June 27, 2023 by Business Editor



Drone Delivery Canada (DDC) has announced that Transport Canada has accepted the company's declaration for its "Canary" remote piloted aircraft (RPA) to now be operated over people.

The RPA is designed to deliver a variety of shipments, including medical supplies, to both urban as well as remote and hard-to-reach areas.

The validation for flights over people opens up new opportunities for DDC to provide its drone delivery services in urban areas, with the goal of enhancing last-mile logistics and improving efficiency for businesses and organisations.

The declaration to Transport Canada allows DDC's Canary RPA to operate in compliance with the regulatory framework, demonstrating its advanced safety features and meeting stringent requirements to permit flights over people.

The extensive testing process included multiple flight tests, environmental trials, and operational simulations. The tests confirmed the reliability, safety, and efficiency of the Canary RPA and demonstrated its ability to operate in various weather conditions and terrains.

This is the final milestone in the development of the Canary RPA, said DDC. The Canary, with a payload of up to 4.5 kg and a range of greater than 20 km, will feature smart battery technology and "touchless" cargo drop functionality.

The aircraft is equipped with a state-of-the-art parachute recovery system. This innovative feature enables the Canary RPA to fly over populated areas, expanding its potential applications and increasing its versatility.

Additionally, the RPA is designed for fast and safe delivery of essential goods, reduced delivery costs, and enhanced accessibility to both remote and urban areas.

With the integrated scale designed onto the RPA, DDC said it will be able to reduce ground infrastructure costs, speed up deployments and provide a more robust solution to the end customer.

Additionally, the Canary RPA can reduce the carbon footprint associated with traditional transportation methods, contributing to a more sustainable future.

“We are extremely proud that Transport Canada has accepted the Company’s declaration for the Canary drone’s flight over people,” said Steve Magirias, chief executive of Drone Delivery Canada.

“This recognition is a testament to our relentless dedication to safety and innovation. With this milestone achieved, we are poised to expand our drone delivery operations and bring the benefits of our technology to even more communities and industries across the country and potentially internationally.”

