UPS® Drone Delivery Takes Operational Efficiency to New Heights

UPS is testing drones for residential package delivery. With autonomous assistance, UPS can make deliveries more efficient, reducing miles and vehicle emissions.

**DRONE USED IN TEST:**
The Workhorse HorseFly™ UAV Delivery system drone is an octocopter delivery drone that is battery-powered and fully integrated with Workhorse’s line of electric/hybrid package cars. It has a 30-minute flight time and can carry a package weighing up to 10 pounds.

**HOW IT WORKS:**
1. UPS driver loads the package and launches the drone.
2. Drone launches from roof of package car, gains altitude and proceeds to delivery location.
3. Driver loads a package into the cage and presses a button on a touch screen to send the drone autonomously on a preset route to an address.
4. After making the delivery, drone returns to package car and recharges while docked.
5. At delivery location, drone descends and package is released.
6. Drone returns to package car at a planned stop and autonomously redocks.
7. Driver continues along regular delivery route.