TRUCK/DRONE PACKAGE DELIVERY SYSTEM
AUTOMATION IN PACKAGE DELIVERY
-UPS handles 15.8 million packages on an average day, FedEx 9 million +

-December 20, the busiest day UPS delivers 28 million packages

Packages have historically been delivered by diesel-powered trucks –

A need for a new more cost efficient delivery system – “Last Mile Delivery”
PRESENTING THE “HORSEFLY” TRUCK/DRONE DELIVERY SYSTEM
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. At delivery location, drone descends and package is released.

4. Drone returns to package car at a planned stop and autonomously redocks.

5. Driver continues along regular delivery route.
SUCCESSFUL RESIDENTIAL PACKAGE DELIVERY TEST
UPS & WORKHORSE

- ADHERES TO ALL FAA SAFETY REGULATIONS – “LINE OF SIGHT”

- AUTONOMOUS DRONE DELIVERED FROM ATOP ELECTRIC UPS PACKAGE CAR BUILT BY WORKHORSE

- DEMONSTRATES IMPROVED EFFICIENCIES DRONES PROVIDE ON RURAL ROUTES

- REDUCES VEHICLE EMISSIONS

- TECHNOLOGY/AUTOMATION SAVES TIME, REDUCES COSTLY MILES DRIVEN – IF EVERY UPS DRIVER SAVED DRIVING 1 MILE PER DAY – COULD ADD UP TO OVER $50 MILLION SAVINGS A YEAR!
TODAY THE TEST... TOMORROW DELIVERING.