



Walmart and Wing Drone Delivery



Walmart & Wing Partnership



Drone delivery is one of many ways Walmart is offering faster, more flexible delivery options. Wing & Walmart are taking last-mile delivery to new heights, with a new level of **speed, reliability, sustainability, and cost-effectiveness.**

Our partnership is helping to meet the demand for last-mile delivery with **Walmart** leading operations for local stores and **Wing** leading logistics of the delivery drones at each store.

Since partnering in 2023, Wing and Walmart now serve **thousands of shoppers every week from dozens of Walmart stores** across the Dallas-Fort Worth metro, Metro Atlanta, and Greater Houston.

Wing, an Alphabet company, is the global leader in residential drone delivery.

Wing operates one of the largest aircraft fleets in the world and serves the largest residential drone delivery footprint in the U.S. Wing is rapidly scaling with Walmart to provide a safe, scalable, and seamlessly integrated platform for on-demand, last-mile delivery in minutes.

Wing is creating what we believe can become the preferred mode of delivery for the millions of small packages that are delivered every day around the world.



5 minutes or less

Average delivery flight times



1 million+ customers

Can now access Wing's drone delivery platform



1 million+ deliveries

Averaging 1,000+ per day in DFW alone



World record holder

For most drone deliveries in 1 hour

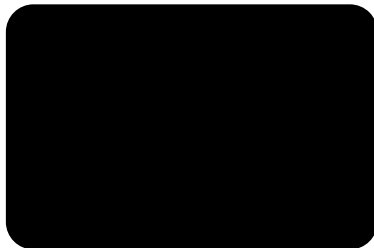


Wing has built an end-to-end system



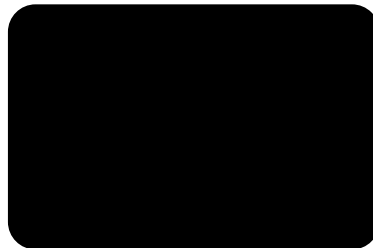
Aircraft OEM

We **design and manufacture delivery drones** that meet the aviation industry's highest safety and reliability standards.



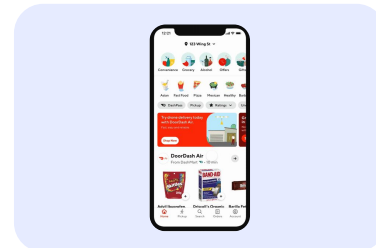
Operator

We offer drone **delivery services on three continents**, with over **1 Million+ real commercial deliveries to date**.



Flight Navigation & Automation

We've built a **highly automated system**. Our flight planning and navigation systems allow them to plan their own routes, check their own systems for errors, and respond to delivery requests on demand.



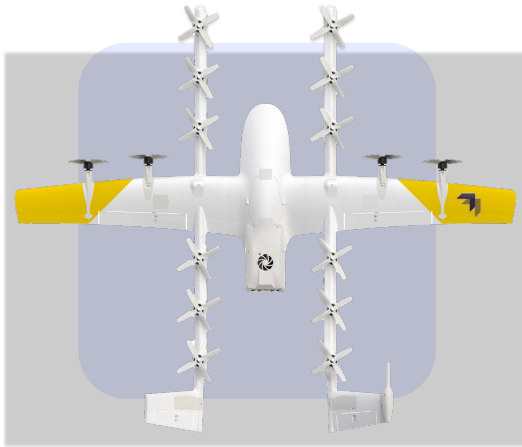
Partnerships

Our delivery system can **lower the cost of delivery for retail, food, and healthcare organizations**, and is easy to set up and integrate with on-demand delivery apps, e-commerce platforms, and parcel carrier services that people are already using today.



A proven, trusted aircraft for home deliveries

Wing's lightweight aircraft are custom-designed in the U.S. and feature both fixed wings and hover propellers to transition between airplane and helicopter-like functions.



Carries
~2.5 lbs

Weights
11.7 lbs

Cruising speed up to
~55 mph

Aircraft Range
~12 miles



Carries
~5 lbs

Weights
17.2 lbs

Cruising speed up to
~60 mph

Aircraft Range
~12 miles

We take privacy seriously.

- Our aircraft are built from the ground up with the goal of delivering packages – not taking photographs.
- They're equipped with camera sensors used to assist with navigation and to help ensure the safety and reliability of our operations.
- There is no live feed of images to anyone, including the certified pilots supervising flights.



In the communities we serve, Wing:



Delivers with speed

Our drones fly up to 65 mph over traffic, delivering orders in as little as 20 minutes for food, over-the-counter medicine and household goods.



Supports local economies

Wing creates new economic opportunities for businesses, connecting them to more customers. Plus, we're creating new jobs in aviation and delivery.



Reduces traffic congestion

We're swapping two-ton vehicles for lightweight aircraft to transport goods, freeing up local roads.



Prioritizes safety first

Wing's lightweight delivery drones are among the safest ways to transport goods, with FAA approval of Wing's aircraft and flight operations.



Increases access

Drone delivery makes small, urgent package delivery more economically viable for businesses, unlocking new access for customers.



Efficiently transports goods

When you order pasta from Wing, you use more energy boiling the water than we use flying it to your home.



Wing holds a **Part 135 Air Carrier Certificate** through the **FAA**, which is the same level of certification as many commercial airliners.

Wing was the first operator approved for **beyond visual line of sight (BVLOS)** flights and one of the first to do so in shared airspace with other drones using **Uncrewed Traffic Management (UTM)**.

Wing maintains clear safety objectives, including a lower risk to the public than conventional ground transportation.

Note: Wing's aircrafts may not operate within ~3 nautical miles of any public use runway or landing area at any regional airports without prior approvals.



Safe delivery
rain or shine

FAA & Safety

Our Flight Operations team consists of Pilots-in-Command who Wing's oversees operations in the cities where we operate. Each Pilot holds an **FAA Part 107 certification**.

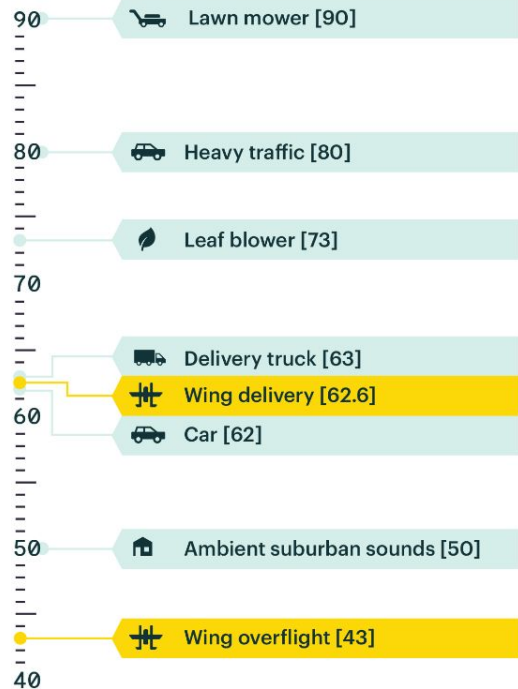
The aircraft design includes multiple levels of redundancy, in addition to **real-time systems that conduct health and safety checks** on our drones.

If the drone or a pilot determines that it can not complete the mission as planned, the drone will carry out what's called a contingency landing. You could compare this action to a car pulling over on the side of the road after a "check engine" light turns on.

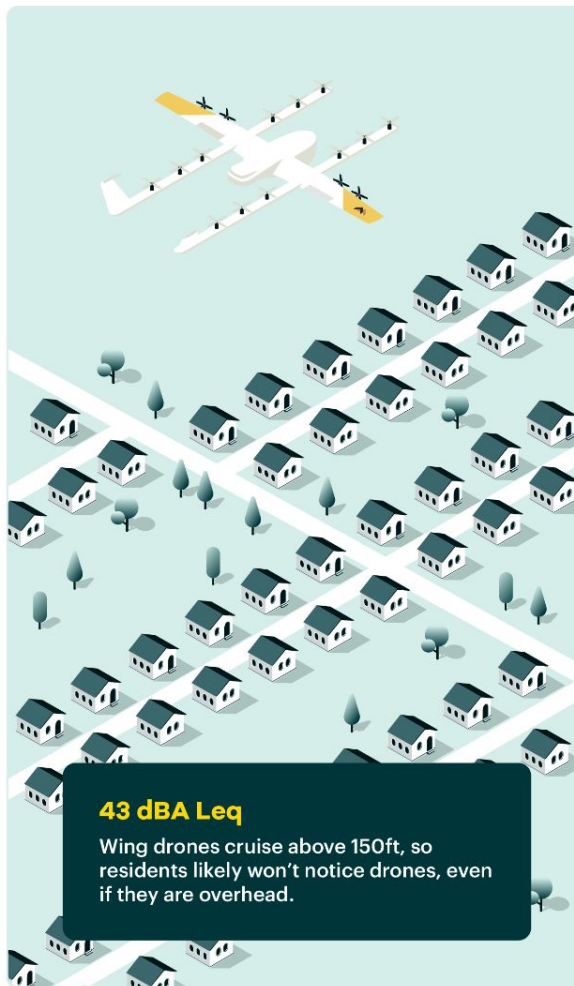


Wing drones are designed to blend into neighborhood sounds

Measured by decibels (dBA)



Measurements reported in Leq, the average sound level of an event. Wing drone measurements 50' distance, Hummingbird model. Research prepared by WSP for Wing, 2021



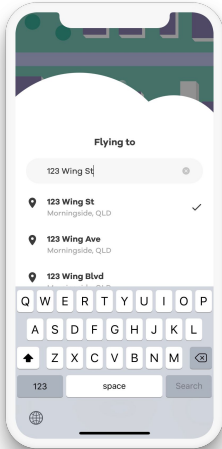
Wing⁷



A fast, convenient customer experience

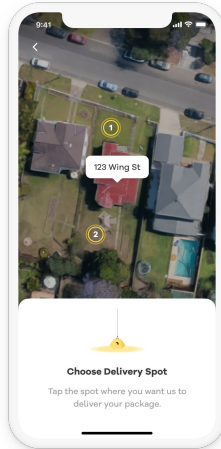
1

Customers can order on their mobile device, just like any other delivery service.



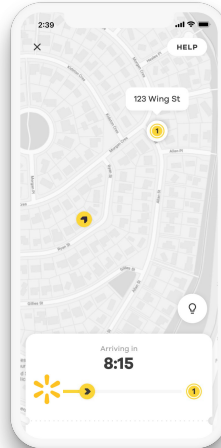
2

During checkout, customers will preview a **pre-selected delivery zone**.



3

Customers will place the order and **receive real-time updates** on when their order takes flight.



4

Once loaded, Wing's drone flies to the customer's delivery spot at **approximately 65 mph above 150ft, flying for under 5 minutes.**



5

During delivery, Wing's drone **hovers at about 23 feet** and uses a tether to gently lower the package to the ground.



Community Outreach



STEM Outreach & Engagement



Future Workforce Development



Drone Summer Camps



Community Outreach & Education



Municipal & State Engagement



Industry Events & Conferences

Wing Nest at Walmart



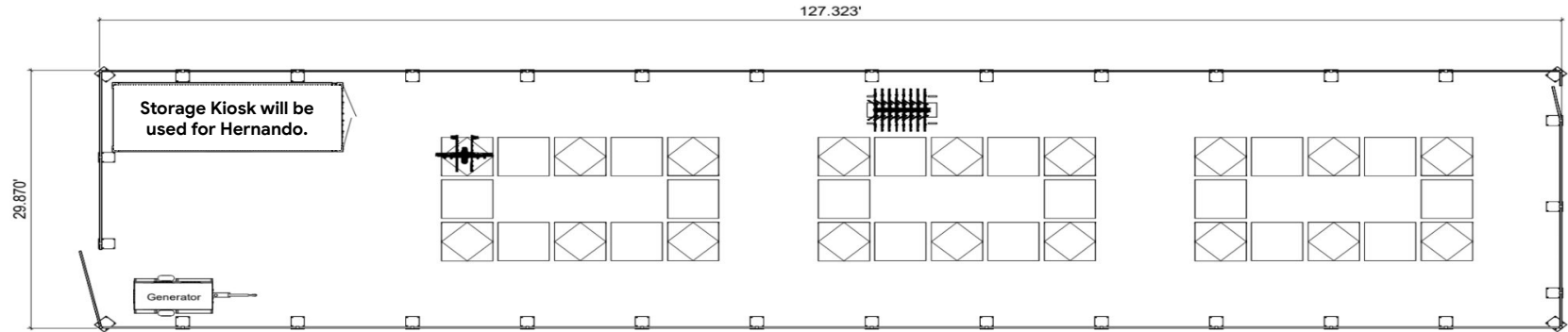
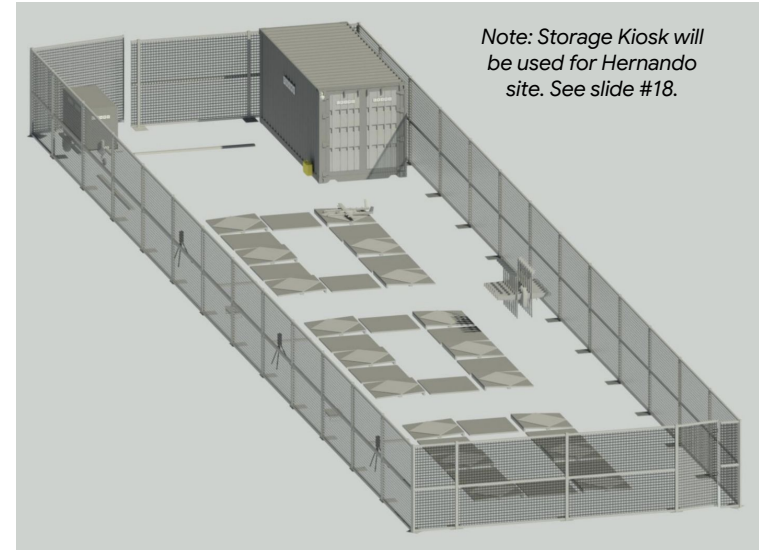
Shown: Live Wing nest
set-up in Dallas metro area.



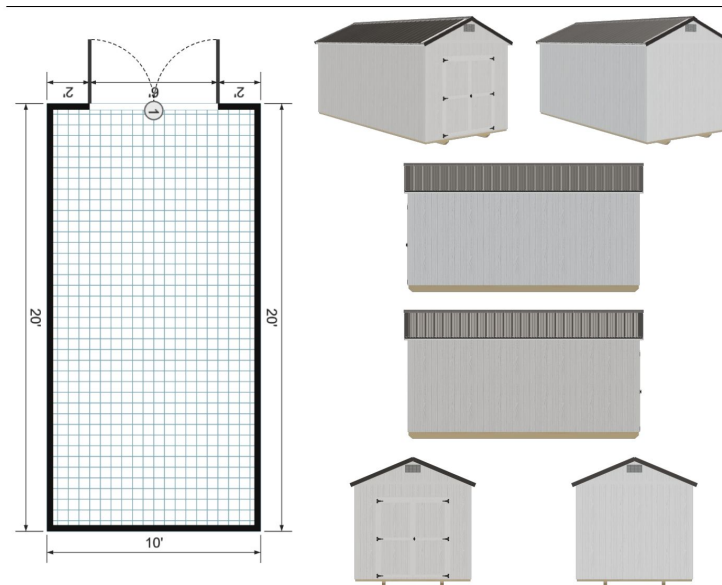
Sample 18-Chargepad Nest

As-built rendering of an 18 pad nest

- 3 x groupings of 6 chargepads and fiducials
- 1 x 20' Storage Kiosk/Pod
- 1 x Electric Generator (site/partner dependant)
- Visible aircraft cart



Kiosk: Drone Storage Pod



Kiosk Storage Overview:

- **No ground boring** required for install
- **No power, plumbing** or anything permanent related to the shed/kiosk
- Wooden construction
- Metal or shingle roof
- Optional paint colors for unit
- Units 20ft x 10ft x 11ft (LWH)

Battery Energy Generator



Unit: Moxion 75 kW / 600 kWh Battery Energy Storage System (**All Electric Battery - No Diesel**)

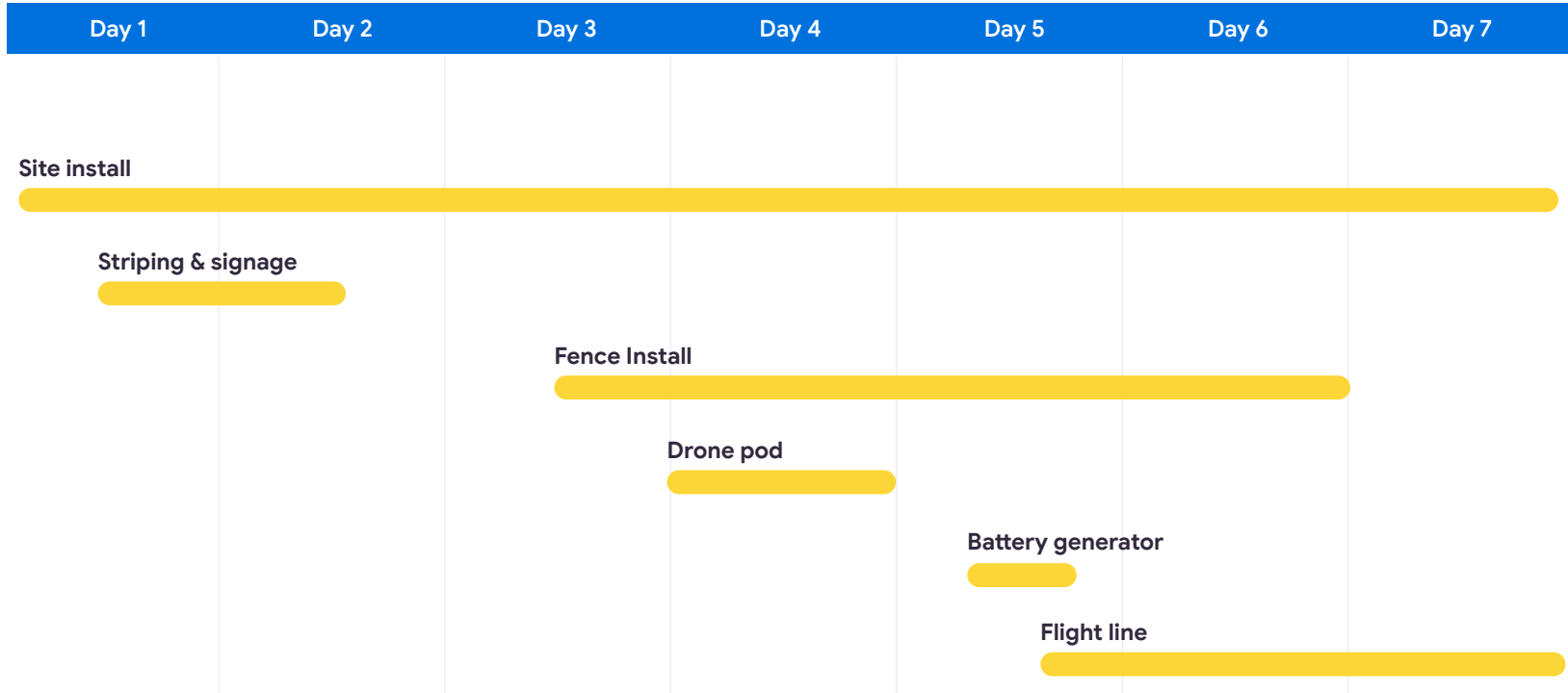
Provided by: Sunbelt Rentals

For Use By: BEXA Construction LLC

Unit Link: [Sunbelt Rentals - BESS Unit](#)

User Manual: [Moxion BESS User Manual](#)

Sample site installation





Questions?

community@wing.com

Wing¹

