



wing.com
Wing Aviation LLC
Wing Aviation Pty Ltd
Wing Aviation Finland Oy

City of Wylie
Attn: Kevin Molina
300 Country Club Rd
Building 100
Wylie, TX 75098

Dear Kevin:

Wing and Walmart are seeking to bring drone delivery to the residents of Wylie, TX. Wing's fleet of lightweight, highly automated delivery drones can transport small packages directly from stores to customer homes in minutes. Wing initially brought our drone delivery technology to the Dallas-Fort Worth Metroplex in 2022. Wing and Walmart began working together a year later, launching a 30-minute drone delivery service from a single store in September of 2023. We've been steadily expanding to additional locations ever since, as part of Walmart's initiative to offer drone delivery to up to 75% of the DFW population.

Project Description

In Wylie, Wing's operation would be set-up in the parking lot of the Walmart Supercenter located at 2050 N Highway 78. The site would occupy an area of a maximum of 2820 sq ft (94x30ft) including landing pads, a 14 kW generator not exceeding 63 dB up to 25ft, one 8x20x8 ft shipping container and be enclosed within an anchored metal maximum of 8 ft tall fence. In the City of Wylie, the fence can be partially covered with a black mesh wrap around the portion with the generator and container. This location would house 12 drone charging stations for operations. Wing only operates its delivery drones in daylight, and so hours of operation would shift with daylight hours throughout the year. Currently, the drone delivery service at other Walmart locations is available 10am to 7pm, seven days a week.

Wing's delivery drones have a one-way range of 6 miles (12 miles roundtrip). Once the service launches, Wylie residents in the area can enter their address on wing.com/walmart to check eligibility. Thousands of items from Walmart stores will be eligible for drone delivery, including snacks, beverages, household essentials and grocery staples.

Please note, we intend to utilize the generator on this site through October 31, 2025. Upon expiration of the use of the generator a site plan review shall be required when the development transitions to permanent power.

What existing drone delivery customers are saying

"Drone delivery is such a great option when you need something fast and can't leave the house or when you just don't feel like leaving the house for three 3rd time to pick that 1 ingredient up for dinner. Wing delivery has

saved me so much time and money. This is one of the best delivery options available and greatly appreciated."

- Lewisville, TX Resident

"I am a new technology 'enthusiast' who was familiar with the Wing drone delivery service prior to its arrival in our community, so I was interested in trying it when it was first available at the location of my home residence. On the first day Wing offered service to my home residence, my children and I downloaded the app and decided to order something from Wing - we were impressed (and entertained) with the speed of delivery, the successful delivery process, and how simple the app was to use. We definitely plan to use it again for any small, last minute items we may need throughout the year." - **Colleyville, TX Resident**

"I order things I really need but can't get to the store. Health products when I was sick, energy drinks when I needed a pick-me-up, and some health items like a loofah and had a sudden guest appear at my door." -

North Richland Hills, TX Resident

How Wing drone delivery works

Our drone delivery service will offer Wylie's residents a convenient and safe delivery option.

- **Order.** Thousands of items are available via drone delivery, including groceries, snacks and over-the-counter medicines.
- **Flight Planning.** While team members at the store prepare the items, Wing's software automatically calculates a route from the store, to the delivery spot, and then back to store. The flight plan is then uploaded to the drone.
- **Package Pick Up.** Once the loader indicates the package is ready to go, the drone takes off automatically, proceeds to the pick up area, then hovers about 23 feet above the ground. The drone uses a winch to lower a tether, so the package can be hooked on. The winch pulls the package up to the aircraft, and secures it in place.
- **Flight.** The drone uses vertical propellers to climb to a cruising height of about 150 feet above the ground, and then transitions to horizontal flight using forward propellers and fixed wings. The drone navigates itself to the delivery spot at speeds of about 65 mph, conducting health checks along the way to make sure everything is operating correctly.
- **Delivery.** Once it reaches the delivery spot, the drone slows down, hovers, descends to a delivery height of 23 feet above ground, and then gently lowers the package on the tether. The drone automatically releases the package when it touches the ground, and there's no need for the customer to unclip or assist with the delivery.
- **Return.** The drone then climbs back to cruise height and returns to the store, where it lands on a charging pad and gets ready for its next mission.



Wingspan
4.9 ft / 1.5 m

Aircraft Weight
11.7 lbs / 5.3 kg

Payload
2.3 lbs / 1.05 kg

Cruises
65 mph / 104 kph

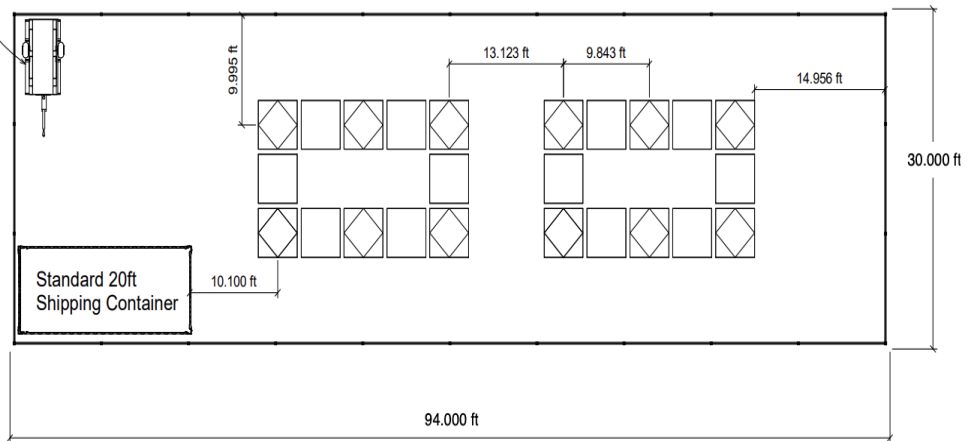
Delivery Range (one-way)
6 miles / 10 km

Site Layout and Logistics

Each location is set-up following municipal permitting approvals.

- **Fencing:**
 - Anchored to ground via anchors specific to each surface type (e.g. concrete / asphalt)
 - Baseplates for anchoring style may vary
- **Generator:**
 - Generator is on mobile trailer that have wheel chocks when parked in place
 - They are also earth-grounded via copper wire and pole into ground surface
 - Not exceeding 63db
- **Lighting:**
 - There is no external lighting of the facility other than what's provided in the Walmart parking lots.
 - The parking lot lighting will not be impacted by the drone facility.
- **Security Cameras:**
 - There are security cameras attached to the storage container. They receive power from the generator.
 - Walmart parking lots also have security cameras installed
- **Storage Container:**
 - Used to store aircraft outside of operating hours.
 - The generator and fence are currently deployed to one side of the facility along the fence.
Example below:

Generator
Length - 123.3 in
Width - 54.8 in



- **Service Gate Entrance:**
 - A large service gate is located near the generator for refueling and other operational activities.
 - Personnel gate(s) are typically located as close as practical to the store.
- **Distance to Fire Lane:**
 - The nest is roughly 62 ft from the fire lane along the front of the store.

Wing is committed to safely launching site operations in compliance with the City of Wylie. We welcome any questions or feedback. Thank you for your time.

Sincerely,

A handwritten signature in black ink, appearing to read 'Ian Bright', with a horizontal line extending from the end of the signature.

Ian Bright
Global Site Launch Lead, Wing Aviation LLC