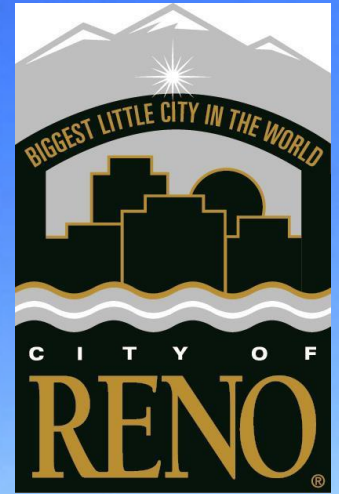


Flirtey

anything anytime anywhere



UAS

INTEGRATION PILOT PROGRAM



U.S. Department of Transportation
Federal Aviation Administration

Who is *Flirtey*

- *Flirtey* is a drone delivery service. Flirtey's mission is to save lives & improve lifestyles by making delivery instant for everyone
- Flirtey has offices in Reno, Nevada and has built safe drone delivery and logistics technology by hiring engineers out of industry-leading aerospace institutions and companies (including NASA, SpaceX, and others)

Flirtey's Pioneering Achievements

- In 2015, Flirtey conducted the first ever Federal Aviation Administration (FAA) approved drone delivery in the United States. This was our “Kitty Hawk moment”
- Flirtey's delivery drone was accepted into the Smithsonian's National Air and Space Museum in Washington D.C. to go on display alongside the Wright Brothers' Wright Flyer
- In 2016, Flirtey conducted the first FAA-approved ship-to-shore drone delivery
- In 2016, Flirtey conducted the first FAA-approved drone delivery to homes in the United States, in Reno
- In 2017, Flirtey raised investment from leading investors in Silicon Valley to commercialize our technology

The UAS IPP Fast-Track Program

- In 2017, the President directed the U.S. Department of Transportation to establish an Unmanned Aircraft Systems (UAS) Integration Pilot Program (IPP) to accelerate safe integration of UAS into the National Airspace System (NAS)
- The IPP partners the FAA with local, state, and tribal governments as well as private sector participants to safely explore the further integration of drone operations into the national airspace
- During the Reno City Council meeting on November 15, 2017, the City unanimously passed a resolution supporting the program
- Of 149 competitive proposals submitted to the FAA, only 10 awardees were chosen

The City of Reno and Flirtey

- The City of Reno and Flirtey were 1 of the 10 awardees selected. Our focus is on the delivery of life-saving medical defibrillators and commercial package delivery
- Cardiac arrest is the leading cause of natural death in America, and when a cardiac arrest patient waits to receive defibrillation, the odds of survival drop between 7% to 10% for every 1 minute that follows. Deploying Automated External Defibrillators (AEDs) via drones has the potential to increase the cardiac arrest survival rate from just 10% to approximately 47%
- Flirtey's delivery drones program will integrate with REMSA's 9-1-1 dispatch system and provide an AED dispatched by drone at the same time first responders deploy
- In Reno, based on historical data, just one Flirtey delivery drone carrying an AED has the potential to save at least 1 life every 2 weeks

Fast-Track Program Partners

- Partners involved in this program include:

City of Reno (Lead Participant)

City of Reno Fire Department

City of Reno Police Department

City of Sparks & Sparks Fire Department

Carson City Fire Department

Reno-Sparks Indian Colony

Washoe County

FedEx

Flirtey (Lead Team Member)

REMSA

American Red Cross

Northern Nevada Medical Center

Truckee Meadows Community College

Alpine Insurance

T-Mobile

Iris Automation

Airmap

Reno IPP Key Facts

- Flirtey's philosophy is to roll out drone delivery with a "Crawl, Walk, Run, Fly, Soar" milestone-based approach
- Flirtey is conducting testing in a safe, rural environment in Northern Nevada
- Flirtey has received FAA-approvals under the IPP to conduct:
 - Night flights
 - Multiple drones per Flirtey operator
 - Flights beyond visual line of sight (BVLOS)
- Flirtey anticipates continued fast-track approvals from the FAA

The City of Reno and Flirtey's Next Steps

- We anticipate receiving the necessary approvals to conduct drone delivery of AEDs and commercial packages before the program concludes (October 2020, unless extended)
- The City of Reno and Flirtey are working to educate the public about the program, and how the program will benefit the community
- The City of Reno has launched an informative program website, which includes resources about the IPP, videos and news releases, a sign-up option to receive regular updates, and feedback options for the public to share questions and comments
- The City of Reno and Flirtey will also conduct informative meetings with the public, local stakeholder groups, elected officials and neighborhood advisory boards, in addition to numerous other groups, to ensure an understanding of the program and future operations

Biggest Little City for Drone Delivery

- A key part of the vision for the City of Reno is to be known for its innovative industries
- The City of Reno was built by pioneers determined to bring a thriving, vibrant, well-managed financially strong, and modern infrastructure, including an innovative international airport
- The City of Reno and its partners are paving the way for drone delivery of life-saving emergency medical equipment and commercial package delivery
- Flirtey believes that drone delivery is a game changer for society – drone delivery will save lives for people who need urgent medical deliveries, improve lifestyles for consumers who desire instant gratification, increase revenue for retailers, create high-paying technology jobs for our next generation of graduates, and create economic growth for our society

Questions?

For more info, please visit:

<https://www.reno.gov/community/uas-pilot-program>

Contact

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Attention: Director of Government Relations | Flirtey