

Uber sets 'flying car' launch for 2020

25 April 2017



Uber is unveiling an ambitious plan to manufacture flying cars and make them available through its Uber Elevate network

Uber said Tuesday it wants to launch a system of flying cars to move people around cities, with a goal of putting demonstration projects in place by 2020.

The ridesharing giant announced a series of partnerships to manufacture "vertical takeoff and landing" (VTOL) vehicles and put networks in place, a system dubbed Uber Elevate.

The partner cities working with Uber are Dubai and the Dallas-Fort Worth metropolis in Texas.

"The goal of these partnerships is to develop a new on-demand VTOL network to enable customers in the future to push a button and get a high-speed flight in and around cities," Uber said in a statement.

The announcement came at a summit held in the Dallas area with partners in the project.

"What started as a simple question 'why can't I push a button and get a ride?' has turned, for Uber, into a passionate pursuit of the pinnacle of urban mobility—the reduction of congestion and pollution

from transportation, giving people their time back, freeing up real estate dedicated to parking and providing access to mobility in all corners of a city," said Uber chief product officer Jeff Holden.

"Urban aviation is a natural next step for Uber in this pursuit, which is why we are working to make push a button, get a flight a reality."

Uber's goal is to have the first demonstration network in place in Dubai for the 2020 World Expo in that city, and another pilot in Dallas the same year ahead of "full-scale operations" in the Texas region by 2023.

The announcement came a day after Silicon Valley "flying car" startup Kitty Hawk, reportedly backed by Google co-founder Larry Page, released a video of its airborne prototype and announced plans for deliveries of a "personal flying machine" this year.

Manufacturing plans

Uber's plans appear more ambitious, and include partnerships with US-based Bell Helicopter, Brazilian manufacturer Embraer and Slovenia's Pipistrel to produce flying machines for short distance urban operations.

"Uber's Elevate network is an exciting opportunity for Bell Helicopter to help transform how cities move people and products in the future," Bell president and chief executive Mitch Snyder said in a statement.

Embraer CEO Paulo Cesar de Souza e Silva praised the "unique opportunity to complement the air transport knowledge of a visionary and revolutionary ground transport company."

The Uber plan also includes partnerships for "vertiports" for the flyers to take off and land, along with changing stations for the transporters, which are expected to be mainly electric-powered.

Uber's agreement with Dubai Roads and Transport

Authority calls for a joint study into pricing models, people movement and determining where routes should be created in the city.

"The partnership will result in everything from hover and forward flight tests to actual flight operations in the Dubai area," according to a joint statement.

Uber has grown into the world's largest venture-backed startup, with a valuation estimated at some \$68 billion despite ongoing obstacles with regulators and taxi operators.

In addition to ridesharing in some 80 countries, Uber is also testing self-driving cars in three US metro areas.

Uber's growth so far has not been dented by a series of embarrassing disclosures about a culture of sexism, cut-throat workplace tactics and covert use of law enforcement-evading software.

© 2017 AFP

APA citation: Uber sets 'flying car' launch for 2020 (2017, April 25) retrieved 24 November 2020 from <https://phys.org/news/2017-04-uber-cars.html>

This document is subject to copyright. Apart from any fair dealing for the purpose of private study or research, no part may be reproduced without the written permission. The content is provided for information purposes only.