

# **The U.S. Urban Air Mobility (UAM) Market: Focus on Range, Application, Ecosystem, Operation, End-Use Industry, and Platform Architecture - Analysis and Forecast, 2023-2035**

<https://marketpublishers.com/r/U5C651443850EN.html>

Date: September 2021

Pages: 87

Price: US\$ 4,000.00 (Single User License)

ID: U5C651443850EN

## **Abstracts**

Market Report Coverage - The U.S. Urban Air Mobility (UAM)

Market Segmentation

Range: 400 km

Application: Passenger Transportation, Cargo Transportation, Medical and Emergency Aid Transportation, and Food Delivery

Operation: Piloted Operation, Optionally Piloted, and Autonomous Operation

End-Use Industry: E-Commerce, Healthcare, Food Delivery, Transportation and Logistics, Tourism, and Others

Platform Architecture: Fixed Wing, Rotor Wing, and Others

Market Growth Drivers

Need for an Alternate Mode of Transportation in Urban Mobility

Need for an Efficient Mode of Logistics and Transportation Service

Adoption of Urban Air Mobility Due to Environmental Concerns

es

Infrastructure in Megacities

Vehicles

gies, Inc., Aurora Flight Sciences, Bell Textron Inc., DELOREAN AEROSPACE, LLC, EVE Air  
Kitty Hawk, Opener

segment helps the reader in understanding the different types of eVTOLs and delivery drones  
urban air mobility market. Moreover, the study provides the reader a detailed understanding of U.S.  
ation (i.e., passenger transportation, cargo transportation, medical and emergency aid transportation,  
km among others).

in the U.S. urban air mobility market are developing innovative products and vehicles to enhance the  
been collaborating with other companies to establish a larger market presence in the industry.  
ers in understanding the revenue-generating strategies adopted by the players operating in the U.S.  
ore the development of hybrid-electric aircraft, Jaunt Air Mobility and VerdeGo Aero signed an MoU

Is the market expected to change over the forecast years 2023-2035?

Which companies are currently working in the U.S. urban air mobility market?

What period 2023-2035?

and their businesses in the urban air mobility market?

led by the key players to sustain in this highly competitive market?

market?

ation are the significant challenges faced by some of the mobility industry in the world today, and in the foreseeable future. There are several new mobility initiatives such as automotive transportation-as-a-service, autonomous cars, and aerial transportation. Depending on the destination, travel distance, location of origin, and other factors, one can select various modes of transportation. The concept of urban air mobility (UAM) was first realized in the form of cargo delivery drones. The UAM adoption level in Brazil was higher than in Tokyo and New York City together.

UAM is a new industry. The manufacturers are continuously taking initiatives to develop various innovative and efficient connectivity. The key development focus areas in the urban air mobility industry include range extension systems to offer longer ranges and endurances. Based on the recent developments in the U.S., several drones have been manufactured and tested in several countries. However, the regulatory framework that governs the commercial usage is still in its infancy. It is expected that the cargo delivery drones will be commercialized by 2023, but the adoption will be a bit slow.

The market is projected to reach \$1 billion in 2035, at a compound annual growth rate (CAGR) of 23.12% during the forecast period. The factors driving the market are the growing need for an alternate mode of transportation in urban areas and the expansion of transportation services.

The urban air mobility market has been affected in some regions as well. The lockdown had completely halted the research and development activities were not affected significantly. The companies are slowly recovering from the safety measures. The U.S. had imposed complete lockdown to prevent the widespread of the virus. However, the companies have their reserves for raw materials and other components to continue with their manufacturing processes. The market is projected to grow at 100%.

Urban Air Mobility Market during forecast period due to the increase in demand for faster mobility transport for commuters, the 20 km – 100 km segment is expected to witness huge growth over the next few years. Current technology and higher noise pollution are currently restricting the other range segments in the industry, but the market is delivering the most suitable product for the market.

Operations are conducted under the guidance of government agencies such as Federal Aviation Administration in the U.S. The industry must follow a stringent set of rules to get certified. According to some industry experts, the initial phase of operation in the early stages of commercialization to ensure passenger safety. Thus, the market is expected to grow during the forecast period of 2023-2035.

Key players include Uber Flight Sciences, Bell Textron Inc., DELOREAN AEROSPACE, LLC, EVE Air Mobility, Jaunt Air

The report is based on extensive research and understanding of the details around market revenues, market penetration, research and development initiatives, and key developments in the

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