Urban Air Mobility(UAM) Market By Platform (Air Taxis, Air Shuttles and & Air Metro, Personal Air Vehicles, Cargo Air Vehicles, Air Ambulance & Medical Emergency Vehicles, Last-mile Delivery Vehicles), By Platform Opeations (Piloted, Autonomous), By Range (Intercity, Intracity), By Platform Architecture (Rotory Wing, Fixed Wing Hybrid): Global Opportunity Analysis and Industry Forecast, 2021-2031

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Report description:

The global urban air mobility market is envisioned to garner $30,740 million by 2031, growing from $2,280 million in 2021 at a CAGR of 30.2% from 2022 to 2031.
The increasing need for alternative forms of transportation will drive urban air mobility market growth. To support mass movement in cities with expanding populations, transportation infrastructure needs to be managed properly. Municipal corporations and government bodies all over the world are looking at other forms of transportation to lessen traffic congestion. It is hoped that using autonomous drones for urban air mobility will have positive effects on the environment, reduce travel times, and ease pressure on the system's current infrastructure. Urban air mobility is a newly emerging industry that aims to provide and develop new air vehicles which are quiet, dependable, and safe. Urban Air Mobility (UAM) envisions a safe and efficient aviation transportation system that will use highly automated aircraft that will operate and transport passengers or cargo at lower altitudes within urban and suburban areas. Urban air vertical takeoff vehicles are increasingly being used for suburban, urban and rural operations around the globe and it is estimated to boost the urban air mobility market growth.
The substantial investment in infrastructure and R&D, however, may be a barrier to the growth of the worldwide market for urban air mobility. Additionally, it is anticipated that social worries regarding the safety of urban air transportation aircraft adoption will have a negative impact on the market share for urban air mobility.
Recent advancements in urban air mobility technology have demonstrated that the transportation industry is undergoing an amazing phase, offering people intelligent mobility options. The urban air mobility vehicle has a wide range of uses, including

delivering taxi services, emergency services, cargo delivery, and many more. Aircraft can transport medical personnel in the event of a natural disaster, hazardous road conditions, high traffic, or any combination of the three. When individuals suffer devastating scenarios as a result of natural calamities, urban air mobility can serve the needy populace with high-priority medical or food supplies.

The COVID-19 pandemic brought several uncertainties leading to severe economic losses as various businesses across the world were at a standstill. There were import-export restrictions laid down on major urban air mobility manufacturing in countries such as the U.S. and China, which imposed significant challenges on the market. In June 2021, Ehang the company which develops and produces urban air mobility vehicles took a new initiative in Guangzhou, China by using urban air mobility vehicles to provide medical relief and support in the quarantine and containment zones.

The key players profiled in this report include market players Ehang, Lilium Gmbh, Airbus, Wisk Aero LLC., Bell Textron, Volocopter GmbH, Workhorse Group Inc., Joby Aviation., Kitty Hawk, and Archer Aviation.

Key Benefits For Stakeholders

-This report provides a quantitative analysis of the market segments, current trends, estimations, and dynamics of the urban air mobility(UAM) market analysis from 2021 to 2031 to identify the prevailing urban air mobility(UAM) market opportunities.

-Market research is offered along with information related to key drivers, restraints, and opportunities.

-Porter's five forces analysis highlights the potency of buyers and suppliers to enable stakeholders to make profit-oriented business decisions and strengthen their supplier-buyer network.

-In-depth analysis of the urban air mobility (UAM) market segmentation assists to determine the prevailing market opportunities.

-Major countries in each region are mapped according to their revenue contribution to the global market.

-Market player positioning facilitates benchmarking and provides a clear understanding of the present position of the market players.

-The report includes the analysis of the regional as well as global urban air mobility (UAM) market trends, key players, market segments, application areas, and market growth strategies.

Key Market Segments

By Platform

- Air Taxis
- Air Shuttles and Air Metro
- Personal Air Vehicles
- Cargo Air Vehicles
- Air Ambulance Medical Emergency Vehicles
- Last-mile Delivery Vehicles

By Platform Opeations

- Piloted
- Autonomous

By Range

- Intercity
- Intracity

By Platform Architecture

- Rotory Wing
- Fixed Wing Hybrid

By Region

- North America
- U.S.
- Canada
- Mexico
- Europe
- Germany

- United Kingdom
- France
- Spain
- Italy
- Rest of Europe
- Asia-Pacific
- China
- Japan
- India
- South Korea
- Australia
- Rest Of Asia Pacific
- LAMEA
- Brazil
- UAE
- Saudi Arabia
- South Africa
- Rest of LAMEA
- Key Market Players
- Kitty Hawk
- Volocopter GmbH
- Lilium
- The Boeing Company
- EHang
- Airbus
- Neva Aerospace
- Workhorse Group Inc.
- Opener
- Pipistrel Group

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