

# **Global VTOL UAV Market Research Report - Industry Analysis, Size, Share, Growth, Trends and Forecast, 2017 - 2024**

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## **Abstracts**

VTOL UAV is vertical take-off and landing unmanned aircraft. This are featured aircrafts which can be categorized such as quad copter, octo copter and aerial robots to name a few. The US navy is aiming to bring advancement in VTOL UAV to assimilate it, with their fleets. VTOL UAV ease aircraft operations in urban areas, as VTOL UAV do not prerequisite runway for take-off. VTOL industry is boomed with the growing demand in civil and commercial aircraft markets. Worldwide defense organizations are attracted towards VTOL UAV industry as it offered new direction to the growth of defense action through aircrafts due to its flexible and compatible features compared to traditional aircrafts. Segment wise Asia-pacific region is the key region for the growth of VLOT UAV industry.

This report examines the global VTOL UAV market and provides information regarding the revenue (USD Million) and volume (Units) for the period 2017 to 2024. It further elaborates the market drivers which contribute to the growth. It then describes the restraints that are faced by the market. The market is classified into various segments with deep analysis of each segment for the study period.

### **Drivers**

Useful to fight against terrorism  
Growing applications where runway and flat land is not available  
Developing technology advancements and technical strength

### **Restraints**

Lack of skilled and trained pilots

Stringent airspace principles  
Limited applications due to devoted payloads

Report includes a detailed analysis on value chain in order to provide a holistic view of the VTOL UAV market. Value chain analysis comprises detailed evaluation of the roles of various players involved in the VTOL UAV industry, from raw material suppliers to end-users.

VTOL UAV market attractiveness analysis has been included in order to analyze the application segments that are estimated to be lucrative during the forecast period on the basis of their market size and growth rate. Attractiveness of the market has been derived from market size, profit margin, growth rate, availability of raw materials, competition, and other factors such as social and legal constraints.

The VTOL UAV market has further been segmented based on types such as helicopter, multicopter, hybrid. The study provides forecast and estimates market for each type in terms of revenue and volume during the forecast period from 2017 to 2024. Each type has been further analyzed based on regional and country levels from 2017 to 2024 in terms of volume and revenue.

The VTOL UAV market has been segmented based on applications such as military, homeland security, civil & commercial. The study provides forecast and estimates market for each application in terms of revenue and volume during the forecast period from 2017 to 2024. Each application has been further analyzed based on regional and country levels from 2017 to 2024 in terms of volume and revenue.

On the basis of sizes VTUL UAV market is segmented such as large, medium, small and micro. The study provides forecast and estimates market for each size in terms of revenue and volume during the forecast period from 2017 to 2024. Each size has been further analyzed based on regional and country levels from 2017 to 2024 in terms of volume and revenue.

VTOL UAV market has been segmented based on payloads such as Intelligence, Surveillance and Reconnaissance (ISR), cameras, telemetry, sensors and autopilot. The study provides forecast and estimates market for each payload in terms of revenue and volume during the forecast period from 2017 to 2024. Each payload has been further analyzed based on regional and country levels from 2017 to 2024 in terms of volume and revenue.

In terms of geography, the VTOL UAV market has been segmented into regions such as North America, Europe, Asia Pacific, Latin America and Middle East and Africa. The study provides a detailed view of country-level aspects of the market on the basis of application segments and estimates the market in terms of revenue and volume during the forecast period.

The report also offers a competitive landscape of the overall market with company profiles of players such as Northrop Grumman Corporation, DJI, Lockheed Martin Corporation and Israel Aerospace Industries Limited. A detailed description of each company has been included and includes information in terms of headquarters, inception, stock listing, upcoming capacities, key mergers & acquisitions, financial overview, and recent developments provides a thorough idea about the competitive positioning of market players. The report also provides VTOL UAV market's mergers/acquisitions, partnerships, collaborations, new product launches, new product developments and other industry developments.

#### VTOL UAV By Type:

- Helicopter
- Multicopter
- Hybrid

#### VTOL UAV By Applications:

- Military
- Homeland Security
- Civil & Commercial

#### VTOL UAV By Size:

- Large
- Medium
- Small
- Micro

#### VTOL UAV By Payload:

- Intelligence, Surveillance and Reconnaissance (ISR)
- Cameras

Telemetry

Sensors

Autopilot

VTOL UAV By Geography:

North America

Europe

Asia Pacific

Latin America

Middle East And Africa

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DJI Company

Lockheed Martin Corporation

Israel Aerospace Industries Limited

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