

# Fixed-Wing VTOL UAV Market Report: Trends, Forecast and Competitive Analysis to 2030

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## Abstracts

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### Fixed-Wing VTOL UAV Trends and Forecast

The future of the global fixed-wing VTOL UAV market looks promising with opportunities in the military, government & law enforcement, and commercial markets. The global fixed-wing VTOL UAV market is expected to reach an estimated \$3.4 billion by 2030 with a CAGR of 22.3% from 2024 to 2030. The major drivers for this market are growing demand from military applications, increasing adoption of technologically advanced runway less unmanned aerial military platforms by defense sectors, and rising environmental benefits.

A more than 150-page report is developed to help in your business decisions. Sample figures with some insights are shown below.

### Fixed-Wing VTOL UAV by Segment

The study includes a forecast for the global fixed-wing VTOL UAV by propulsion type, mode of operation, range, application, and region.

Fixed-Wing VTOL UAV Market by Propulsion Type [Shipment Analysis by Value from 2018 to 2030]:

Electric

Gasoline

Hybrid

Fixed-Wing VTOL UAV Market by Mode of Operation [Shipment Analysis by Value from 2018 to 2030]:

Remotely Piloted

Optionally Piloted

Fully Autonomous

Fixed-Wing VTOL UAV Market by Range [Shipment Analysis by Value from 2018 to 2030]:

Beyond Line of Sight

Extended Visual Line of Sight

Visual Line of Sight

Fixed-Wing VTOL UAV Market by Application [Shipment Analysis by Value from 2018 to 2030]:

Military

Government & Law Enforcement

Commercial

Others

Fixed-Wing VTOL UAV Market by Region [Shipment Analysis by Value from 2018 to 2030]:

North America

Europe

Asia Pacific

The Rest of the World

## List of Fixed-Wing VTOL UAV Companies

Companies in the market compete on the basis of product quality offered. Major players in this market focus on expanding their manufacturing facilities, R&D investments, infrastructural development, and leverage integration opportunities across the value chain. With these strategies fixed-wing VTOL UAV companies cater increasing demand, ensure competitive effectiveness, develop innovative products & technologies, reduce production costs, and expand their customer base. Some of the fixed-wing VTOL UAV companies profiled in this report include-

ALTI

Ukrspecsystems

Threod Systems

Quantum Systems

Vertical Technologies

AeroVironment

Textron

## Fixed-Wing VTOL UAV Market Insights

Lucintel forecasts that hybrid is expected to witness the highest growth over the forecast period as it ensures longer flight times and larger payload capacities.

Within this market, military will remain the largest segment due to the growing use of these UAVs for border monitoring, thermal imaging, aerial remote sensing, and surveillance.

North America will remain the largest region over the forecast period due to strong demand for fixed-wing VTOL UAVs for use in a variety of industries, including product delivery, agriculture, maritime security, firefighting and disaster management.

### Features of the Global Fixed-Wing VTOL UAV Market

**Market Size Estimates:** Fixed-wing VTOL UAV market size estimation in terms of value (\$B).

**Trend and Forecast Analysis:** Market trends (2018 to 2023) and forecast (2024 to 2030) by various segments and regions.

**Segmentation Analysis:** Fixed-wing VTOL UAV market size by various segments, such as by propulsion type, mode of operation, range, application, and region in terms of value (\$B).

**Regional Analysis:** Fixed-wing VTOL UAV market breakdown by North America, Europe, Asia Pacific, and Rest of the World.

**Growth Opportunities:** Analysis of growth opportunities in different propulsion types, mode of operation, ranges, applications, and regions for the fixed-wing VTOL UAV market.

**Strategic Analysis:** This includes M&A, new product development, and competitive landscape of the fixed-wing VTOL UAV market.

Analysis of competitive intensity of the industry based on Porter's Five Forces model.

### FAQ

Q1. What is the fixed-wing VTOL UAV market size?

Answer: The global fixed-wing VTOL UAV market is expected to reach an estimated \$3.4 billion by 2030.

Q2. What is the growth forecast for fixed-wing VTOL UAV market?

Answer: The global fixed-wing VTOL UAV market is expected to grow with a CAGR of 22.3% from 2024 to 2030.

Q3. What are the major drivers influencing the growth of the fixed-wing VTOL UAV market?

Answer: The major drivers for this market are growing demand from military applications, increasing adoption of technologically advanced runway less unmanned aerial military platforms by defense sectors, and rising environmental benefits.

Q4. What are the major segments for fixed-wing VTOL UAV market?

Answer: The future of the fixed-wing VTOL UAV market looks promising with opportunities in the military, government & law enforcement, and commercial markets.

Q5. Who are the key fixed-wing VTOL UAV market companies?

Answer: Some of the key fixed-wing VTOL UAV companies are as follows:

ALTI

Ukrspesystems

Threod Systems

Quantum Systems

Vertical Technologies

AeroVironment

Textron

Q6. Which fixed-wing VTOL UAV market segment will be the largest in future?

Answer: Lucintel forecasts that hybrid is expected to witness the highest growth over

the forecast period as it ensures longer flight times and larger payload capacities.

Q7. In fixed-wing VTOL UAV market, which region is expected to be the largest in next 5 years?

Answer: North America will remain the largest region over the forecast period due to strong demand for fixed-wing VTOL UAVs for use in a variety of industries, including product delivery, agriculture, maritime security, firefighting and disaster management.

Q.8 Do we receive customization in this report?

Answer: Yes, Lucintel provides 10% customization without any additional cost.

This report answers following 11 key questions:

Q.1. What are some of the most promising, high-growth opportunities for the fixed-wing VTOL UAV market by propulsion type (electric, gasoline, and hybrid), mode of operation (remotely piloted, optionally piloted, and fully autonomous), range (beyond line of sight, extended visual line of sight, and visual line of sight), application (military, government & law enforcement, commercial, and others), and region (North America, Europe, Asia Pacific, and the Rest of the World)?

Q.2. Which segments will grow at a faster pace and why?

Q.3. Which region will grow at a faster pace and why?

Q.4. What are the key factors affecting market dynamics? What are the key challenges and business risks in this market?

Q.5. What are the business risks and competitive threats in this market?

Q.6. What are the emerging trends in this market and the reasons behind them?

Q.7. What are some of the changing demands of customers in the market?

Q.8. What are the new developments in the market? Which companies are leading these developments?

Q.9. Who are the major players in this market? What strategic initiatives are key players

pursuing for business growth?

Q.10. What are some of the competing products in this market and how big of a threat do they pose for loss of market share by material or product substitution?

Q.11. What M&A activity has occurred in the last 5 years and what has its impact been on the industry?

For any questions related to Fixed-Wing VTOL UAV Market, Fixed-Wing VTOL UAV Market Size, Fixed-Wing VTOL UAV Market Growth, Fixed-Wing VTOL UAV Market Analysis, Fixed-Wing VTOL UAV Market Report, Fixed-Wing VTOL UAV Market Share, Fixed-Wing VTOL UAV Market Trends, Fixed-Wing VTOL UAV Market Forecast, Fixed-Wing VTOL UAV Companies, write Lucintel analyst at email: [helpdesk@lucintel.com](mailto:helpdesk@lucintel.com). We will be glad to get back to you soon.

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7.6: AeroVironment

7.7: Textron

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