

# North America Commercial Drone Market Size, Share & Trends Analysis Report By Product, By Application, By End-use, By Propulsion Type, By Range, By Operating Mode, By Endurance, By Maximum Takeoff Weight, By Region, And Segment Forecasts, 2024 - 2030

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## Abstracts

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### North America Commercial Drone Market Growth & Trends

The North America commercial drone market size is anticipated to reach USD 12.51 billion by 2030 and is anticipated to expand at a CAGR of 9.9% during the forecast period, according to a new report by Grand View Research, Inc. The versatility of drones allows them to be utilized across a wide range of applications, such as land surveying, infrastructure inspection, and emergency response. Drones offer solutions that were previously challenging or costly to implement. These applications have expanded the market potential for commercial drones in North America.

Drones can help reduce operational costs, improve efficiency, minimize risks associated with human labor in hazardous environments, and optimize resource utilization in applications such as agriculture. These benefits related to drones foster market demand for commercial applications. In addition, technological advancements in drones, including high-resolution cameras, thermal imaging, and various sensors such as LiDAR sensors, enable the capture of detailed aerial imagery and data for a wide range of applications such as mapping, filming, monitoring, and allow government agencies and law enforcement utilize to enhance public safety and security measures. These

advancements help such agencies for valuable decision-making and evidence collection and fuel market growth.

## North America Commercial Drone Market Report Highlights

The rotary blade segment accounted for the largest revenue share of 78.3% in 2023. Due to high flexibility and simplicity in operation, there is a growing demand for various applications such as aerial photography, surveillance, and delivery of packages

The government and law enforcement segment is anticipated to witness the fastest growth during the forecast period due to increased demand for security, asset inspection, traffic monitoring, search and rescue

The media and entertainment segment accounted for the largest revenue share in 2023. Drones offer photographers unique perspectives, allowing them to capture stunning aerial shots that were previously challenging

Hybrid propulsion is anticipated to witness the fastest growth during the forecast period. Hybrid propulsion systems provide the necessary thrust for controlling and maneuvering drones in the air, which allows for efficient task performance

The Visual Line of Sight (VLOS) segment accounted for the largest revenue share in 2023. VLOS allows operators to control drones directly, ensuring safe navigation and collision avoidance with people and obstacles. Due to these factors, the rise of the VLOS segment is increasing in border patrol, cinematography, and others

The fully autonomous segment is expected to grow fastest during the forecast period. The integration of artificial intelligence (AI) and machine learning in drone technology will increase drones' ability to operate without human intervention

The 5-10 hours segment is expected to grow fastest during the forecast period. These drones can complete long-duration tasks such as delivery, filming, and drone shows without frequently charging

The 25kg-500kg takeoff weight segment is expected to grow fastest during the forecast period. These drones can carry higher payloads, such as sensors,

which can be used for inspections, mapping, and search and rescue operations

## Contents

### **CHAPTER 1. METHODOLOGY AND SCOPE**

- 1.1. Market Segmentation & Scope
- 1.2. Segment Definitions
  - 1.2.1. Product
  - 1.2.2. Application
  - 1.2.3. End-use
  - 1.2.4. Propulsion Type
  - 1.2.5. Range
  - 1.2.6. Operating Mode
  - 1.2.7. Endurance
  - 1.2.8. Maximum Takeoff Weight
  - 1.2.9. Estimates and forecasts timeline
- 1.3. Research Methodology
  - 1.3.1. Information Procurement
  - 1.3.2. Information or Data Analysis
  - 1.3.3. Market Formulation & Data Visualization
  - 1.3.4. Data Validation & Publishing
- 1.4. Research Scope and Assumptions
  - 1.4.1. List of Data Sources

### **CHAPTER 2. EXECUTIVE SUMMARY**

- 2.1. Market Outlook
- 2.2. Segment Outlook
  - 2.2.1. Product Outlook
  - 2.2.2. Application Outlook
  - 2.2.3. End-use Outlook
  - 2.2.4. Propulsion Type Outlook
  - 2.2.5. Range Outlook
  - 2.2.6. Operating Mode Outlook
  - 2.2.7. Endurance Outlook
  - 2.2.8. Maximum Takeoff Weight Outlook
- 2.3. Competitive Insights

### **CHAPTER 3. NORTH AMERICA COMMERCIAL DRONE MARKET VARIABLES, TRENDS, & SCOPE**

- 3.1. Market Introduction/Lineage Outlook
- 3.2. Market Size and Growth Prospects (USD Million)
- 3.3. Industry Value Chain Analysis
- 3.4. Market Dynamics
  - 3.4.1. Market Drivers Analysis
    - 3.4.1.1. Potential R&D in North America Commercial Drone
  - 3.4.2. Market Restraints Analysis
    - 3.4.2.1. Lack of skilled workforce and high implementation cost
    - 3.4.2.2. Vast demonstrative data requirement
  - 3.4.3. Industry Opportunities
  - 3.4.4. Industry Challenges
- 3.5. North America Commercial Drone Market Analysis Tools
  - 3.5.1. Porter's Analysis
    - 3.5.1.1. Bargaining power of the suppliers
    - 3.5.1.2. Bargaining power of the buyers
    - 3.5.1.3. Threats of substitution
    - 3.5.1.4. Threats from new entrants
    - 3.5.1.5. Competitive rivalry
  - 3.5.2. PESTEL Analysis
    - 3.5.2.1. Political landscape
    - 3.5.2.2. Economic and Social landscape
    - 3.5.2.3. Technological landscape
    - 3.5.2.4. Environmental landscape
    - 3.5.2.5. Legal landscape

## **CHAPTER 4. NORTH AMERICA COMMERCIAL DRONE MARKET: PRODUCT ESTIMATES & TREND ANALYSIS**

- 4.1. Segment Dashboard
- 4.2. North America Commercial Drone Market: Product Movement Analysis, 2023 & 2030 (USD Million)
- 4.3. Fixed-wing
  - 4.3.1. Fixed-wing market revenue estimates and forecasts, 2018 - 2030 (USD Million)
- 4.4. Rotary Blade
  - 4.4.1. Rotary Blade market revenue estimates and forecasts, 2018 - 2030 (USD Million)
- 4.5. Hybrid
  - 4.5.1. Hybrid market revenue estimates and forecasts, 2018 - 2030 (USD Million)

## **CHAPTER 5. NORTH AMERICA COMMERCIAL DRONE MARKET: APPLICATION ESTIMATES & TREND ANALYSIS**

### 5.1. Segment Dashboard

### 5.2. North America Commercial Drone Market: Application Movement Analysis, 2023 & 2030 (USD Million)

### 5.3. Commercial

#### 5.3.1. Commercial market revenue estimates and forecasts, 2018 - 2030 (USD Million)

##### 5.3.1.1. Filming & photography

##### 5.3.1.1.1. Filming & photography market estimates and forecasts, 2018 - 2030 (USD Million)

##### 5.3.1.2. Inspection & maintenance

##### 5.3.1.2.1. Inspection & maintenance market estimates and forecasts, 2018 - 2030 (USD Million)

##### 5.3.1.3. Mapping & Surveying

##### 5.3.1.3.1. Mapping & surveying market estimates and forecasts, 2018 - 2030 (USD Million)

##### 5.3.1.4. Precision Agriculture

##### 5.3.1.4.1. Precision agriculture market estimates and forecasts, 2018 - 2030 (USD Million)

##### 5.3.1.5. Surveillance & Monitoring

##### 5.3.1.5.1. Surveillance & monitoring market estimates and forecasts, 2018 - 2030 (USD Million)

##### 5.3.1.6. Others

##### 5.3.1.6.1. Others market estimates and forecasts, 2018 - 2030 (USD Million)

### 5.4. Government & Law Enforcement

#### 5.4.1. Government & law enforcement market revenue estimates and forecasts, 2018 - 2030 (USD Million)

##### 5.4.1.1. Firefighting & disaster management

##### 5.4.1.1.1. Firefighting & disaster management market estimates and forecasts, 2018 - 2030 (USD Million)

##### 5.4.1.2. Search & Rescue

##### 5.4.1.2.1. Search & rescue market estimates and forecasts, 2018 - 2030 (USD Million)

##### 5.4.1.3. Maritime Security

##### 5.4.1.3.1. Maritime security market estimates and forecasts, 2018 - 2030 (USD Million)

##### 5.4.1.4. Border Patrol

5.4.1.4.1. Border patrol market estimates and forecasts, 2018 - 2030 (USD Million)

5.4.1.5. Traffic Monitoring

5.4.1.5.1. Traffic monitoring market estimates and forecasts, 2018 - 2030 (USD Million)

5.4.1.6. Others

5.4.1.6.1. Others market estimates and forecasts, 2018 - 2030 (USD Million)

## **CHAPTER 6. NORTH AMERICA COMMERCIAL DRONE MARKET: END-USE ESTIMATES & TREND ANALYSIS**

6.1. Segment Dashboard

6.2. North America Commercial Drone Market: End-use Movement Analysis, USD Million, 2023 & 2030

6.3. Agriculture

6.3.1. Agriculture market revenue estimates and forecasts, 2018 - 2030 (USD Million)

6.4. Delivery & Logistics

6.4.1. Delivery & logistics market revenue estimates and forecasts, 2018 - 2030 (USD Million)

6.5. Energy

6.5.1. Energy market revenue estimates and forecasts, 2018 - 2030 (USD Million)

6.6. Media & Entertainment

6.6.1. Market revenue estimates and forecasts, 2018 - 2030 (USD Million)

6.7. Real Estate & Construction

6.7.1. Real Estate & construction market revenue estimates and forecasts, 2018 - 2030 (USD Million)

6.8. Security & Law Enforcement

6.8.1. Security & law enforcement market revenue estimates and forecasts, 2018 - 2030 (USD Million)

6.9. Others

6.9.1. Others market revenue estimates and forecasts, 2018 - 2030 (USD Million)

## **CHAPTER 7. NORTH AMERICA COMMERCIAL DRONE MARKET: PROPULSION TYPE ESTIMATES & TREND ANALYSIS**

7.1. Segment Dashboard

7.2. North America Commercial Drone Market: Propulsion Type Movement Analysis, USD Million, 2023 & 2030

7.3. Gasoline

7.3.1. Gasoline market revenue estimates and forecasts, 2018 - 2030 (USD Million)

#### 7.4. Electric

7.4.1. Electric market revenue estimates and forecasts, 2018 - 2030 (USD Million)

#### 7.5. Hybrid

7.5.1. Hybrid market revenue estimates and forecasts, 2018 - 2030 (USD Million)

### **CHAPTER 8. NORTH AMERICA COMMERCIAL DRONE MARKET: RANGE ESTIMATES & TREND ANALYSIS**

#### 8.1. Segment Dashboard

8.2. North America Commercial Drone Market: Range Movement Analysis, USD Million, 2023 & 2030

#### 8.3. Visual Line of Sight (VLOS)

8.3.1. Visual Line of Sight (VLOS) market revenue estimates and forecasts, 2018 - 2030 (USD Million)

#### 8.4. Extended Visual Line of Sight (EVLOS)

8.4.1. Extended Visual Line of Sight (EVLOS) market revenue estimates and forecasts, 2018 - 2030 (USD Million)

#### 8.5. Beyond Visual Line of Sight (BVLOS)

8.5.1. Beyond Visual Line of Sight (BVLOS) market revenue estimates and forecasts, 2018 - 2030 (USD Million)

### **CHAPTER 9. NORTH AMERICA COMMERCIAL DRONE MARKET: ENDURANCE ESTIMATES & TREND ANALYSIS**

#### 9.1. Segment Dashboard

9.2. North America Commercial Drone Market: Endurance Movement Analysis, USD Million, 2023 & 2030

9.3. 10 Hours market revenue estimates and forecasts, 2018 - 2030 (USD Million)

### **CHAPTER 10. NORTH AMERICA COMMERCIAL DRONE MARKET: MAXIMUM TAKEOFF WEIGHT ESTIMATES & TREND ANALYSIS**

#### 10.1. Segment Dashboard

10.2. North America Commercial Drone Market: Maximum Takeoff Weight Movement Analysis, USD Million, 2023 & 2030

10.3. 500 kg market revenue estimates and forecasts, 2018 - 2030 (USD Million)

### **CHAPTER 11. NORTH AMERICA COMMERCIAL DRONE MARKET: COUNTRY ESTIMATES & TREND ANALYSIS**



11.1. North America Commercial Drone Market Share, By Country, 2023 & 2030, USD Million

11.1.1. U.S.

11.1.1.1. U.S. commercial drone market estimates and forecasts, 2018 - 2030 (USD Million)

11.1.2. Canada

11.1.2.1. Canada commercial drone market estimates and forecasts, 2018 - 2030 (USD Million)

## **CHAPTER 12. COMPETITIVE LANDSCAPE**

12.1. Recent Developments & Impact Analysis by Key Market Participants

12.2. Company Categorization

12.3. Company Market Positioning

12.4. Company Heat Map Analysis

12.5. Strategy Mapping

12.5.1. Expansion

12.5.2. Mergers & acquisition

12.5.3. Partnerships & collaborations

12.5.4. New Product launches

12.5.5. Research And development

12.6. Company Profiles

12.6.1. Alpha Drones USA

12.6.1.1. Participant's overview

12.6.1.2. Financial performance

12.6.1.3. Product benchmarking

12.6.1.4. Recent developments/ strategic initiatives

12.6.2. Dragonfly Innovations Inc.

12.6.2.1. Participant's overview

12.6.2.2. Financial performance

12.6.2.3. Product benchmarking

12.6.2.4. Recent developments/ strategic initiatives

12.6.3. Freely Systems

12.6.3.1. Participant's overview

12.6.3.2. Financial performance

12.6.3.3. Product benchmarking

12.6.3.4. Recent developments/ strategic initiatives

12.6.4. Intel Corporation

- 12.6.4.1. Participant's overview
- 12.6.4.2. Financial performance
- 12.6.4.3. Product benchmarking
- 12.6.4.4. Recent developments/ strategic initiatives
- 12.6.5. Parrot Drone SAS.
  - 12.6.5.1. Participant's overview
  - 12.6.5.2. Financial performance
  - 12.6.5.3. Product benchmarking
  - 12.6.5.4. Recent developments/ strategic initiatives
- 12.6.6. Skydio, Inc.
  - 12.6.6.1. Participant's overview
  - 12.6.6.2. Financial performance
  - 12.6.6.3. Product benchmarking
  - 12.6.6.4. Recent developments/ strategic initiatives
- 12.6.7. Skyfront
  - 12.6.7.1. Participant's overview
  - 12.6.7.2. Financial performance
  - 12.6.7.3. Product benchmarking
  - 12.6.7.4. Recent developments/ strategic initiatives
- 12.6.8. UVify Inc.
  - 12.6.8.1. Participant's overview
  - 12.6.8.2. Financial performance
  - 12.6.8.3. Product benchmarking
  - 12.6.8.4. Recent developments/ strategic initiatives

## List Of Tables

### LIST OF TABLES

Table 1 List of abbreviation

Table 2 North America commercial drone market 2018 - 2030 (USD Million)

Table 3 North America commercial drone market by product, 2018 - 2030 (USD Million)

Table 4 North America commercial drone market by application, 2018 - 2030 (USD Million)

Table 5 North America commercial drone market by end-use, 2018 - 2030 (USD Million)

Table 6 North America commercial drone market by propulsion type, 2018 - 2030 (USD Million)

Table 7 North America commercial drone market by range, 2018 - 2030 (USD Million)

Table 8 North America commercial drone market by operating mode, 2018 - 2030 (USD Million)

Table 9 North America commercial drone market by endurance, 2018 - 2030 (USD Million)

Table 10 North America commercial drone market by maximum takeoff weight, 2018 - 2030 (USD Million)

Table 11 U.S. commercial drone market by product, 2018 - 2030 (USD Million)

Table 12 U.S. commercial drone market by application, 2018 - 2030 (USD Million)

Table 13 U.S. commercial drone market by end-use, 2018 - 2030 (USD Million)

Table 14 U.S. commercial drone market by propulsion type, 2018 - 2030 (USD Million)

Table 15 U.S. commercial drone market by range, 2018 - 2030 (USD Million)

Table 16 U.S. commercial drone market by operating mode, 2018 - 2030 (USD Million)

Table 17 U.S. commercial drone market by endurance, 2018 - 2030 (USD Million)

Table 18 U.S. commercial drone market by maximum takeoff weight, 2018 - 2030 (USD Million)

Table 19 Canada commercial drone market by product, 2018 - 2030 (USD Million)

Table 20 Canada commercial drone market by application, 2018 - 2030 (USD Million)

Table 21 Canada commercial drone market by end-use, 2018 - 2030 (USD Million)

Table 22 Canada commercial drone market by propulsion type, 2018 - 2030 (USD Million)

Table 23 Canada commercial drone market by range, 2018 - 2030 (USD Million)

Table 24 Canada commercial drone market by operating mode, 2018 - 2030 (USD Million)

Table 25 Canada commercial drone market by endurance, 2018 - 2030 (USD Million)

Table 26 Canada commercial drone market by maximum takeoff weight, 2018 - 2030

(USD Million)

## List Of Figures

### LIST OF FIGURES

- Fig. 1 Market research process
- Fig. 2 North America Commercial Drone Market Segmentation
- Fig. 3 North America Commercial Drone Market Technology landscape
- Fig. 4 Information Procurement
- Fig. 5 Data Analysis Models
- Fig. 6 Market Formulation and Validation
- Fig. 7 Data Validating & Publishing
- Fig. 8 Market Snapshot
- Fig. 9 Segment Snapshot (1/2)
- Fig. 10 Segment Snapshot (2/2)
- Fig. 11 Competitive Landscape Snapshot
- Fig. 12 North America Commercial Drone - Market Size and Growth Prospects (USD Million)
- Fig. 13 North America Commercial Drone Market: Industry Value Chain Analysis
- Fig. 14 North America Commercial Drone Market: Market Dynamics
- Fig. 15 North America Commercial Drone Market: PORTER's Analysis
- Fig. 16 North America Commercial Drone Market: PESTEL Analysis
- Fig. 17 North America Commercial Drone Market, by Product: Key Takeaways
- Fig. 18 North America Commercial Drone Market, by Product: Market Share, 2023 & 2030
- Fig. 19 Fixed-wing Market Estimates & Forecasts, 2018 - 2030 (Revenue, USD Million)
- Fig. 20 Rotary Blade Market Estimates & Forecasts, 2018 - 2030 (Revenue, USD Million)
- Fig. 21 Hybrid Market Estimates & Forecasts, 2018 - 2030 (Revenue, USD Million)
- Fig. 22 North America Commercial Drone Market, by Application: Key Takeaways
- Fig. 23 North America Commercial Drone Market, by Application: Market Share, 2023 & 2030
- Fig. 24 Commercial Market Estimates & Forecasts, 2018 - 2030 (Revenue, USD Million)
- Fig. 25 Surveillance & Monitoring Market Estimates & Forecasts, 2018 - 2030 (Revenue, USD Million)
- Fig. 26 Others Market Estimates & Forecasts, 2018 - 2030 (Revenue, USD Million)
- Fig. 27 North America Commercial Drone Market, by End-use: Key Takeaways
- Fig. 28 North America Commercial Drone Market, by End-use: Market Share, 2023 & 2030

- Fig. 29 Agriculture Market Estimates & Forecasts, 2018 - 2030 (Revenue, USD Million)
- Fig. 30 Delivery & Logistics Market Estimates & Forecasts, 2018 - 2030 (Revenue, USD Million)
- Fig. 31 Energy Market Estimates & Forecasts, 2018 - 2030 (Revenue, USD Million)
- Fig. 32 Media & Entertainment Market Estimates & Forecasts, 2018 - 2030 (Revenue, USD Million)
- Fig. 33 Real Estate & Construction Market Estimates & Forecasts, 2018 - 2030 (Revenue, USD Million)
- Fig. 34 Security & Law Enforcement Market Estimates & Forecasts, 2018 - 2030 (Revenue, USD Million)
- Fig. 35 Others Market Estimates & Forecasts, 2018 - 2030 (Revenue, USD Million)
- Fig. 36 North America Commercial Drone Market, by Propulsion Type: Key Takeaways
- Fig. 37 North America Commercial Drone Market, by Propulsion Type: Market Share, 2023 & 2030
- Fig. 38 Gasoline Market Estimates & Forecasts, 2018 - 2030 (Revenue, USD Million)
- Fig. 39 Electric Market Estimates & Forecasts, 2018 - 2030 (Revenue, USD Million)
- Fig. 40 Hybrid Market Estimates & Forecasts, 2018 - 2030 (Revenue, USD Million)
- Fig. 41 North America Commercial Drone Market, by Range: Key Takeaways
- Fig. 42 North America Commercial Drone Market, by Range: Market Share, 2023 & 2030
- Fig. 43 Visual Line of Sight(VLOS) Market Estimates & Forecasts, 2018 - 2030 (Revenue, USD Million)
- Fig. 44 Extend Visual Line of Sight(EVLOS) Market Estimates & Forecasts, 2018 - 2030 (Revenue, USD Million)
- Fig. 45 Beyond Visual Line of Sight(BVLOS) Market Estimates & Forecasts, 2018 - 2030 (Revenue, USD Million)
- Fig. 46 North America Commercial Drone Market, by Operating Mode: Key Takeaways
- Fig. 47 North America Commercial Drone Market, by Operating Mode: Market Share, 2023 & 2030
- Fig. 48 Remotely Piloted Market Estimates & Forecasts, 2018 - 2030 (Revenue, USD Million)
- Fig. 49 Partially Piloted Market Estimates & Forecasts, 2018 - 2030 (Revenue, USD Million)
- Fig. 50 Fully Autonomous Market Estimates & Forecasts, 2018 - 2030 (Revenue, USD Million)
- Fig. 51 North America Commercial Drone Market, by Endurance: Key Takeaways
- Fig. 52 North America Commercial Drone Market, by Endurance: Market Share, 2023 & 2030
- Fig. 53 10 Hours Market Estimates & Forecasts, 2018 - 2030 (Revenue, USD Million)

Fig. 56 North America Commercial Drone Market, by Maximum Takeoff Weight: Key Takeaways

Fig. 57 North America Commercial Drone Market, by Maximum Takeoff Weight: Market Share, 2023 & 2030

Fig. 58 500 kg Market Estimates & Forecasts, 2018 - 2030 (Revenue, USD Million)

Fig. 61 U.S. Commercial Drone Market Estimates and Forecasts, 2017 - 2030 (USD Million)

Fig. 62 Canada Commercial Drone Market Estimates and Forecasts, 2017 - 2030 (USD Million)

Fig. 63 Key Company Categorization

Fig. 64 Company Market Positioning

Fig. 65 Strategic Framework

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