

# **Suicide Drones Market – Global Industry Size, Share, Trends, Opportunity, and Forecast, Segmented By Type (Conventional Suicide Drones, Tiny Suicide Drones), By Application (National Defense, Military Exercises, Other Applications), By Region, By Competition, 2020-2030F**

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## **Abstracts**

### Market Overview

Global Suicide Drones Market was valued at USD 28.2 Billion in 2024 and is expected to reach USD 62.1 Billion by 2030 with a CAGR of 10.2% during the forecast period. The suicide drones market is witnessing steady growth due to continuous innovations in unmanned aerial systems (UAS). These drones are increasingly being used for military and defense applications, given their ability to perform precision strikes, conduct surveillance, and gather intelligence in hostile environments. As more countries prioritize modernizing their military capabilities, suicide drones are becoming a critical part of strategic defense. Growth in defense budgets globally is also contributing to the expansion of this market. Governments are investing in more advanced systems to enhance their tactical advantages, leading to greater adoption of technologies such as suicide drones. For instance, The United States led global military spending in 2023, allocating \$916 billion, which accounted for over 40% of the world's total military expenditure of \$2.4 trillion. This represented 3.5% of the U.S. GDP, a lower percentage compared to countries like Saudi Arabia, Israel, Algeria, and Russia. China ranked second with \$296 billion, followed by Russia in third place. Military spending worldwide has steadily increased, reaching \$2.44 trillion in 2023, driven by the Russia-Ukraine war, tensions in the South China Sea, and the war in Gaza. The U.S. defense budget is projected to rise to \$1.1 trillion by 2033, with the Navy and Air Force receiving the

largest allocations. In 2024, the U.S. Air Force budget alone was nearly \$260 billion, reflecting North America's dominant role in global military expenditure.

## Market Drivers

### Enhanced Operational Flexibility

Suicide Drones offer unparalleled versatility by combining the vertical takeoff and landing (VTOL) capabilities of helicopters with the speed and range of fixed-wing aircraft. This unique combination allows them to operate in diverse environments, including urban areas, remote locations, and congested spaces, without the need for traditional runways. Such flexibility makes them ideal for a variety of missions, from military operations to emergency medical services, thereby expanding their applicability across multiple sectors.

## Key Market Challenges

### Regulatory and Legal Constraints

The use of autonomous weaponry, including suicide drones, raises serious ethical and legal concerns. Many nations have stringent regulations regarding the development and deployment of drones in military settings. These restrictions may hinder the market's growth, especially in countries with strict arms control laws.

## Key Market Trends

### Increased Military Investment in AI-Powered Drones

The integration of artificial intelligence into suicide drones is transforming the capabilities of these systems. AI allows drones to perform more complex missions autonomously, including adaptive flight paths, target identification, and decision-making in real-time. As AI technology evolves, it is expected to be integrated into a broader range of unmanned systems, enhancing their versatility and precision. For instance, between 1995 and 2023, the CNAS Drone Proliferation Dataset identified 633 global military drone transfers, with 40% directed to Europe and 84 transfers to Africa over 60% of which occurred after 2020. Turkey accounted for 65% of all armed drone exports by the top three suppliers (Turkey, China, U.S.) since 2018, and loitering munitions saw accelerated transfers following their battlefield success in 2020.

## Key Market Players

Northrop Grumman Corporation

General Atomics Aeronautical Systems, Inc.

Lockheed Martin Corporation

Textron Inc.

The Boeing Company

Israel Aerospace Industries Ltd.

AeroVironment, Inc.

Raytheon Technologies Corporation

Thales S.A.

Elbit Systems Ltd.

## Report Scope:

In this report, the Global Suicide Drones Market has been segmented into the following categories, in addition to the industry trends which have also been detailed below:

### Suicide Drones Market, By Type:

Conventional Suicide Drones

Tiny Suicide Drones

### Suicide Drones Market, By Application:

National Defense

Military Exercises

Other Applications

Suicide Drones Market, By Region:

North America

United States

Canada

Mexico

Europe & CIS

Germany

France

U.K.

Spain

Italy

Asia-Pacific

China

Japan

India

South Korea

Middle East & Africa

South Africa

Saudi Arabia

UAE

Turkey

South America

Brazil

Argentina

### Competitive Landscape

Company Profiles: Detailed analysis of the major companies presents in the Global Suicide Drones Market.

### Available Customizations:

Global Suicide Drones Market report with the given market data, TechSci Research offers customizations according to the company's specific needs. The following customization options are available for the report:

### Company Information

Detailed analysis and profiling of additional market players (up to five).

## Contents

### 1. INTRODUCTION

- 1.1. Research Tenure Considered
- 1.2. Market Definition
- 1.3. Scope of the Market
- 1.4. Markets Covered
- 1.5. Years Considered for Study
- 1.6. Key Market Segmentations

### 2. RESEARCH METHODOLOGY

- 2.1. Objective of the Study
- 2.2. Baseline Methodology
- 2.3. Key Industry Partners
- 2.4. Major Association and Secondary Sources
- 2.5. Forecasting Methodology
- 2.6. Data Triangulation & Validation
- 2.7. Assumptions and Limitations

### 3. EXECUTIVE SUMMARY

- 3.1. Overview of the Market
- 3.2. Overview of Key Market Segmentations
- 3.3. Overview of Key Regions

### 4. GLOBAL SUICIDE DRONES MARKET OUTLOOK

- 4.1. Market Size & Forecast
  - 4.1.1. By Value
- 4.2. Market Share & Forecast
  - 4.2.1. By Type Market Share Analysis (Conventional Suicide Drones, Tiny Suicide Drones)
  - 4.2.2. By Application Market Share Analysis (National Defense, Military Exercises, Other Applications)
  - 4.2.3. By Regional Market Share Analysis
  - 4.2.4. By Top 5 Companies Market Share Analysis, Others (2024)
- 4.3. Suicide Drones Market Mapping & Opportunity Assessment

## **5. NORTH AMERICA SUICIDE DRONES MARKET OUTLOOK**

### 5.1. Market Size & Forecast

#### 5.1.1. By Value

### 5.2. Market Share & Forecast

#### 5.2.1. By Type Market Share Analysis

#### 5.2.2. By Application Market Share Analysis

#### 5.2.3. By Country Market Share Analysis

##### 5.2.3.1. United States Suicide Drones Market Outlook

###### 5.2.3.1.1. Market Size & Forecast

###### 5.2.3.1.1.1. By Value

###### 5.2.3.1.2. Market Share & Forecast

###### 5.2.3.1.2.1. By Type Market Share Analysis

###### 5.2.3.1.2.2. By Application Market Share Analysis

##### 5.2.3.2. Canada Suicide Drones Market Outlook

###### 5.2.3.2.1. Market Size & Forecast

###### 5.2.3.2.1.1. By Value

###### 5.2.3.2.2. Market Share & Forecast

###### 5.2.3.2.2.1. By Type Market Share Analysis

###### 5.2.3.2.2.2. By Application Market Share Analysis

##### 5.2.3.3. Mexico Suicide Drones Market Outlook

###### 5.2.3.3.1. Market Size & Forecast

###### 5.2.3.3.1.1. By Value

###### 5.2.3.3.2. Market Share & Forecast

###### 5.2.3.3.2.1. By Type Market Share Analysis

###### 5.2.3.3.2.2. By Application Market Share Analysis

## **6. EUROPE & CIS SUICIDE DRONES MARKET OUTLOOK**

### 6.1. Market Size & Forecast

#### 6.1.1. By Value

### 6.2. Market Share & Forecast

#### 6.2.1. By Type Market Share Analysis

#### 6.2.2. By Application Market Share Analysis

#### 6.2.3. By Country Market Share Analysis

##### 6.2.3.1. France Suicide Drones Market Outlook

###### 6.2.3.1.1. Market Size & Forecast

###### 6.2.3.1.1.1. By Value

- 6.2.3.1.2. Market Share & Forecast
  - 6.2.3.1.2.1. By Type Market Share Analysis
  - 6.2.3.1.2.2. By Application Market Share Analysis
- 6.2.3.2. Germany Suicide Drones Market Outlook
  - 6.2.3.2.1. Market Size & Forecast
    - 6.2.3.2.1.1. By Value
  - 6.2.3.2.2. Market Share & Forecast
    - 6.2.3.2.2.1. By Type Market Share Analysis
    - 6.2.3.2.2.2. By Application Market Share Analysis
- 6.2.3.3. United Kingdom Suicide Drones Market Outlook
  - 6.2.3.3.1. Market Size & Forecast
    - 6.2.3.3.1.1. By Value
  - 6.2.3.3.2. Market Share & Forecast
    - 6.2.3.3.2.1. By Type Market Share Analysis
    - 6.2.3.3.2.2. By Application Market Share Analysis
- 6.2.3.4. Italy Suicide Drones Market Outlook
  - 6.2.3.4.1. Market Size & Forecast
    - 6.2.3.4.1.1. By Value
  - 6.2.3.4.2. Market Share & Forecast
    - 6.2.3.4.2.1. By Type Market Share Analysis
    - 6.2.3.4.2.2. By Application Market Share Analysis
- 6.2.3.5. Spain Suicide Drones Market Outlook
  - 6.2.3.5.1. Market Size & Forecast
    - 6.2.3.5.1.1. By Value
  - 6.2.3.5.2. Market Share & Forecast
    - 6.2.3.5.2.1. By Type Market Share Analysis
    - 6.2.3.5.2.2. By Application Market Share Analysis

## **7. ASIA-PACIFIC SUICIDE DRONES MARKET OUTLOOK**

- 7.1. Market Size & Forecast
  - 7.1.1. By Value
- 7.2. Market Share & Forecast
  - 7.2.1. By Type Market Share Analysis
  - 7.2.2. By Application Market Share Analysis
  - 7.2.3. By Country Share Analysis
    - 7.2.3.1. China Suicide Drones Market Outlook
      - 7.2.3.1.1. Market Size & Forecast
        - 7.2.3.1.1.1. By Value

- 7.2.3.1.2. Market Share & Forecast
  - 7.2.3.1.2.1. By Type Market Share Analysis
  - 7.2.3.1.2.2. By Application Market Share Analysis
- 7.2.3.2. Japan Suicide Drones Market Outlook
  - 7.2.3.2.1. Market Size & Forecast
    - 7.2.3.2.1.1. By Value
  - 7.2.3.2.2. Market Share & Forecast
    - 7.2.3.2.2.1. By Type Market Share Analysis
    - 7.2.3.2.2.2. By Application Market Share Analysis
- 7.2.3.3. India Suicide Drones Market Outlook
  - 7.2.3.3.1. Market Size & Forecast
    - 7.2.3.3.1.1. By Value
  - 7.2.3.3.2. Market Share & Forecast
    - 7.2.3.3.2.1. By Type Market Share Analysis
    - 7.2.3.3.2.2. By Application Market Share Analysis
- 7.2.3.4. South Korea Suicide Drones Market Outlook
  - 7.2.3.4.1. Market Size & Forecast
    - 7.2.3.4.1.1. By Value
  - 7.2.3.4.2. Market Share & Forecast
    - 7.2.3.4.2.1. By Type Market Share Analysis
    - 7.2.3.4.2.2. By Application Market Share Analysis

## **8. MIDDLE EAST & AFRICA SUICIDE DRONES MARKET OUTLOOK**

- 8.1. Market Size & Forecast
  - 8.1.1. By Value
- 8.2. Market Share & Forecast
  - 8.2.1. By Type Market Share Analysis
  - 8.2.2. By Application Market Share Analysis
  - 8.2.3. By Country Market Share Analysis
    - 8.2.3.1. South Africa Suicide Drones Market Outlook
      - 8.2.3.1.1. Market Size & Forecast
        - 8.2.3.1.1.1. By Value
      - 8.2.3.1.2. Market Share & Forecast
        - 8.2.3.1.2.1. By Type Market Share Analysis
        - 8.2.3.1.2.2. By Application Market Share Analysis
    - 8.2.3.2. Saudi Arabia Suicide Drones Market Outlook
      - 8.2.3.2.1. Market Size & Forecast
        - 8.2.3.2.1.1. By Value

- 8.2.3.2.2. Market Share & Forecast
  - 8.2.3.2.2.1. By Type Market Share Analysis
  - 8.2.3.2.2.2. By Application Market Share Analysis
- 8.2.3.3. UAE Suicide Drones Market Outlook
  - 8.2.3.3.1. Market Size & Forecast
    - 8.2.3.3.1.1. By Value
  - 8.2.3.3.2. Market Share & Forecast
    - 8.2.3.3.2.1. By Type Market Share Analysis
    - 8.2.3.3.2.2. By Application Market Share Analysis
- 8.2.3.4. Turkey Suicide Drones Market Outlook
  - 8.2.3.4.1. Market Size & Forecast
    - 8.2.3.4.1.1. By Value
  - 8.2.3.4.2. Market Share & Forecast
    - 8.2.3.4.2.1. By Type Market Share Analysis
    - 8.2.3.4.2.2. By Application Market Share Analysis

## **9. SOUTH AMERICA SUICIDE DRONES MARKET OUTLOOK**

- 9.1. Market Size & Forecast
  - 9.1.1. By Value
- 9.2. Market Share & Forecast
  - 9.2.1. By Type Market Share Analysis
  - 9.2.2. By Application Market Share Analysis
  - 9.2.3. By Country Market Share Analysis
    - 9.2.3.1. Brazil Suicide Drones Market Outlook
      - 9.2.3.1.1. Market Size & Forecast
        - 9.2.3.1.1.1. By Value
      - 9.2.3.1.2. Market Share & Forecast
        - 9.2.3.1.2.1. By Type Market Share Analysis
        - 9.2.3.1.2.2. By Application Market Share Analysis
    - 9.2.3.2. Argentina Suicide Drones Market Outlook
      - 9.2.3.2.1. Market Size & Forecast
        - 9.2.3.2.1.1. By Value
      - 9.2.3.2.2. Market Share & Forecast
        - 9.2.3.2.2.1. By Type Market Share Analysis
        - 9.2.3.2.2.2. By Application Market Share Analysis

## **10. MARKET DYNAMICS**

- 10.1. Drivers
- 10.2. Challenges

## **11. MARKET TRENDS & DEVELOPMENTS**

## **12. PORTERS FIVE FORCES ANALYSIS**

## **13. COMPETITIVE LANDSCAPE**

### 13.1. Company Profiles

- 13.1.1. Northrop Grumman Corporation
  - 13.1.1.1. Company Details
  - 13.1.1.2. Types
  - 13.1.1.3. Financials (As Per Availability)
  - 13.1.1.4. Key Market Focus & Geographical Presence
  - 13.1.1.5. Recent Developments
  - 13.1.1.6. Key Management Personnel
- 13.1.2. General Atomics Aeronautical Systems, Inc.
- 13.1.3. Lockheed Martin Corporation
- 13.1.4. Textron Inc.
- 13.1.5. The Boeing Company
- 13.1.6. Israel Aerospace Industries Ltd.
- 13.1.7. AeroVironment, Inc.
- 13.1.8. Raytheon Technologies Corporation
- 13.1.9. Thales S.A.
- 13.1.10. Elbit Systems Ltd.

## **14. STRATEGIC RECOMMENDATIONS**

## **15. ABOUT US & DISCLAIMER**

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