

Micro and Nano Air Vehicles for Defense and Security - Market and Technology Forecast to 2030

<https://marketpublishers.com/r/M6339FD70501EN.html>

Date: December 2021

Pages: 213

Price: US\$ 4,355.00 (Single User License)

ID: M6339FD70501EN

Abstracts

By 2030, the worldwide need for military-grade micro and nano UAVs will reach about 100,000 systems. The major growth of the market is anticipated from 2025 to 2030 when the majority of demand for micro and nano drones will generate in Asia, Central and Eastern Europe, and the Middle East and Africa.

Most nations are yet to test and take trials of micro and nano drones and approve the products. The U.S. and European nations are currently ordering micro and nano UAVs as a part of their futuristic robotic army programs. It will be an integration of ground robots with aerial robots.

Nano UAVs are especially considered as flying sensors to help personal surveillance and reconnaissance. The need was established during Afghanistan and Gulf wars. After coming back from wars in Afghanistan the US and NATO countries will show a reduction in ground-based situational awareness needs and it will depend on more on-air surveillance using nano UAVs. The future will be to fight wars with electronic countermeasures using space warcraft and UAVs.

China is investing heavily in swarms of combat UAVs. The targets are India and control intrusions in South China Sea region. To counter China's ambitious policies Japan and India are working on UAV policies to include more micro and nano UAVs. This will increase the demand for micro and nano drones in Asian markets.

The study 'Micro and Nano Air Vehicles for Defense and Security - Market and Technology Forecast to 2030' offers a detailed analysis of the global micro and nano UAV market for defense and security over the next eight years, and provides market size forecasts. Furthermore, it covers key technological and market trends in the

industry and analyzes factors influencing demand for micro and nano UAV systems.

In particular, it provides an in-depth analysis of the following

Overview: Snapshot of the micro and nano UAV market during 2022 - 2030, including highlights of the demand drivers, trends, and challenges. It also provides a snapshot of the spending concerning regions as well as by application, types, and platforms. It sheds light on the emergence of new platforms like the BUG and Fengniao.

Market Dynamics: Insights into the technological developments in the platforms and micro and nano UAV systems and a detailed analysis of the changing preferences of governments around the world. It also analyzes changing industry structure trends and the challenges faced by the industry participants.

Segment Analysis: Insights into the micro and nano UAVs market from a segmental perspective and a detailed analysis of factors influencing the market for each segment.

Regional Review: Insights into present micro and nano UAV strength and future demand for top countries within a region.

Regional Analysis: Insights into the micro and nano UAV market from a regional perspective and a detailed analysis of factors influencing the market for each region.

Trend Analysis - Key Defense Market: Analysis of the key markets in each region, providing an analysis of the micro and nano UAV platforms expected to be in demand in each region.

Key Program Analysis: Details of the top programs in micro and nano UAVs are expected to be executed during the forecast period.

Competitive landscape analysis: Analysis of competitive landscape of the global micro and nano UAV industry. It provides an overview of key defense companies, together with insights such as key alliances, strategic initiatives, and a brief financial analysis.

Scope

The micro UAV Market for military applications is projected to register a CAGR of 5.7% over 2020-2030. And nano UAVs will register a growth of 34.04% from 2022 to 2030.

In terms of platforms, the nano UAVs are anticipated to account for the largest share globally

Rising measures for countering terrorism and increased military activities in the South China Sea and Arctic Sea will increase demand for micro and nano UAV systems

Business opportunities for developing local ancillary units for sensors, accessories such as batteries, and software developers will emerge.

Defense policies are incorporating micro and nano UAVs for tactical military operations. Soon could be seen increased use in the internal security.

Reasons to buy

Determine prospective investment areas based on a detailed trend analysis of the micro and nano UAVs market over the next eight years

Gain an in-depth understanding of the underlying factors driving demand for micro and nano UAV platforms in the top spending countries and other potential non-US markets across the world and identify the opportunities offered by each of them

Strengthen your understanding of the market in terms of demand drivers, industry trends, and the latest technological developments, among others.

Identify the major channels that are driving the global micro and nano UAV market, providing a clear picture of future opportunities that can be tapped, resulting in revenue expansion.

Channelize resources by focusing on the ongoing programs that are being undertaken by the defense ministries of different countries within the global micro and nano UAV markets.

Make correct business decisions based on thorough analysis of the total competitive landscape of the sector with detailed profiles of the micro and nano UAV systems providers around the world which include information about their products, alliances, recent contract wins, and financial analysis wherever available

Related studies:

Global Urban Air Mobility (UAM) - Market and Technology Forecast to 2028

Global Package Drones - Market and Technology Forecast to 2029

Global Counter-UAV (C-UAV) Systems - Market and Technology Forecast to 2028

Global Unmanned Aerial Vehicles (UAV) for Border Security Market and Technologies Forecast to 2025

Global Stratospheric UAV Payloads Technology and Market Forecast to 2025

Contents

1 INTRODUCTION

- 1.1 Objective
- 1.2 Market definition
- 1.3 Methodology
- 1.4 Events based Forecast Scenario
- 1.5 Who will benefit from this report?
- 1.6 Language

2 EXECUTIVE SUMMARY

- 2.1 Trends and Insights
- 2.2 Major Findings
- 2.3 Major Conclusions
- 2.4 Important Tables and Graphs

3 CURRENT TECHNOLOGIES NANO-UAV

- 3.1 Micro and Nano-UAV System Requirements
- 3.2 Micro and Nano-UAV Bird Components
- 3.3 Avionics
- 3.4 Payloads
 - 3.4.1 Mantis I45 EO/IR Gimbal Payload
 - 3.4.2 Lepton Micro LWIR Thermal Camera Modules
- 3.5 Ground Control Station
 - 3.5.1 Ground Controls
 - 3.5.2 Air Controls
 - 3.5.3 Navigation Systems
 - 3.5.4 Computing Systems
 - 3.5.5 Software Systems
- 3.6 Communication Systems
- 3.7 Accessories

4 CURRENT MARKET OVERVIEW MICRO-UAV

- 4.1 Present UAV Market for Military Use
- 4.2 Micro and Nano UAV Classifications

4.3 Projects and Programs for Miniature-UAVs

4.3.1 DARPA MAV Program

4.3.2 DARPA Nano-UAV (NAV) Program

4.4 Commercial Micro-UAVs Developments

4.4.1 AeroVironment WASP III

4.4.2 AeroVironment Raven

4.4.3 AeroVironment Quantix Recon

4.4.4 AeroVironment Switchblade

4.4.5 AeroVironment Blackwing

4.4.6 Elbit MAGNI

4.4.7 Elbit Thor

4.4.8 Lockheed Martin Indago 3 / Indago

4.4.9 Leonardo CREX- B

4.4.10 EMT GmbH Aladin

4.4.11 Elistair Orion

4.4.12 Zala Aero Group ZALA 421-08M

4.4.13 Baykar Makina Bayraktar Mini UAV

4.5 Commercial Nano-UAVs Developments

4.5.1 FLIR Black Hornet 3 Nano-UAV Project

4.5.2 BAE Systems with UAVTEK Develop The BUG Nano UAV

4.5.3 The Fengniao Super Mini Drone

5 MARKET ANALYSIS AND FORECAST FACTORS

5.1 Introduction

5.2 Market Segmentation

5.3 Forecast factors

5.3.1 Drivers

5.3.2 Inhibitors

5.3.3 Opportunities

5.3.4 Challenges

6 COUNTRY ANALYSIS

6.1 Introduction

6.2 The US

6.2.1 The Soldier Borne Sensors (SBS) program

6.2.2 Cost Split-up of the SBS systems procured in FY 2021

6.2.3 The Expeditionary Organic Airborne Intelligence, Surveillance, and

Reconnaissance Capability Set (EOTACS) program

6.3 The UK

6.4 France

6.5 Norway

6.6 China

6.7 Russia

7 FORECAST MICRO UAV MARKET TO 2030 BY REGION

7.1 Overview

7.2 Micro UAV market Regions by Technology

7.2.1 North America Micro UAV Market by Technology

7.2.2 South America Micro UAV Market by Technology

7.2.3 Europe Micro UAV Market by Technology

7.2.4 MEA Micro UAV Market by Technology

7.2.5 APAC Micro UAV Market by Technology

7.3 Micro-UAV Bird market Regions by System Element

7.3.1 North America Micro UAV Bird market by System Element

7.3.2 South America Micro UAV in Defense and Security market by System Element

7.3.3 Europe Micro UAV in market by System Element

7.3.4 MEA Micro UAV Bird market by System Element

7.3.5 APAC Micro UAV Bird market by System Element

7.4 Micro-UAV Ground Control Station (GCS) market Regions by System Element

7.4.1 North America Micro UAV GCS market by System Element

7.4.2 South America Micro UAV GCS market by System Element

7.4.3 Europe Micro UAV GCS market by System Element

7.4.4 MEA Micro UAV GCS market by System Element

7.4.5 APAC Micro UAV GCS market by System Element

7.5 Micro UAV market Regions by End-Use

7.5.1 North America Micro UAV market by End-Use

7.5.2 South America Micro UAV market by End-Use

7.5.3 Europe Micro UAV market by End-Use

7.5.4 MEA Micro UAV Analytics market by End-Use

7.5.5 APAC Micro UAV market by End-Use

8 FORECAST NANO UAV MARKET TO 2030 BY REGION

8.1 Overview

8.2 Nano UAV market Regions by Technology

- 8.2.1 North America Nano UAV Market by Technology
- 8.2.2 South America Nano UAV Market by Technology
- 8.2.3 Europe Nano UAV Market by Technology
- 8.2.4 MEA Nano UAV Market by Technology
- 8.2.5 APAC Nano UAV Market by Technology
- 8.3 Nano UAV Bird market Regions by System Element
 - 8.3.1 North America Nano UAV Bird market by System Element
 - 8.3.2 South America Nano UAV in Defense and Security market by System Element
 - 8.3.3 Europe Nano UAV in market by System Element
 - 8.3.4 MEA Nano UAV Bird market by System Element
 - 8.3.5 APAC Nano UAV Bird market by System Element
- 8.4 Nano UAV Ground Control Station (GCS) market Regions by System Element
 - 8.4.1 North America Nano -UAV GCS market by System Element
 - 8.4.2 South America Nano -UAV GCS market by System Element
 - 8.4.3 Europe Nano -UAV GCS market by System Element
 - 8.4.4 MEA Nano UAV GCS market by System Element
 - 8.4.5 APAC Nano UAV GCS market by System Element
- 8.5 Nano-UAV market Regions by End-Use
 - 8.5.1 North America Nano UAV market by End-Use
 - 8.5.2 South America Nano-UAV market by End-Use
 - 8.5.3 Europe Nano-UAV market by End-Use
 - 8.5.4 MEA Nano-UAV Analytics market by End-Use
 - 8.5.5 APAC Nano-UAV market by End-Use

9 FORECAST MICRO UAV MARKET TO 2030 BY TECHNOLOGY

- 9.1 Global Micro UAV Technology market by Region
 - 9.1.1 Global Micro UAV Bird Market by Region
 - 9.1.2 Global Micro UAV Ground Control Systems Market by Region
 - 9.1.3 Global Micro UAV Accessories Market by Region
- 9.2 Global Micro UAV Bird System element market by Region
 - 9.2.1 Global Micro UAV Framework Elements Market by Region
 - 9.2.2 Global Micro UAV Avionics market by Region
 - 9.2.3 Global Micro UAV Payloads market by Region
- 9.3 Global Micro UAV GCS system Element Market by Region
 - 9.3.1 Global Micro UAV Control Systems market by Region
 - 9.3.2 Global Micro UAV Navigation Systems market by Region
 - 9.3.3 Global Micro UAV Communication Systems market by Region
 - 9.3.4 Global Micro UAV Computer Systems market by Region

9.3.5 Global Micro UAV Software Systems market by Region

10 FORECAST NANO UAV MARKET TO 2030 BY TECHNOLOGY

10.1 Global Nano UAV Technology market by Region

10.1.1 Global Nano UAV Bird Market by Region

10.1.2 Global Nano UAV Ground Control Systems Market by Region

10.1.3 Global Nano UAV Accessories Market by Region

10.2 Global Micro UAV Bird System element market by Region

10.2.1 Global Nano UAV Framework Elements Market by Region

10.2.2 Global Nano UAV Avionics market by Region

10.2.3 Global Nano UAV Payloads market by Region

10.3 Global Nano UAV GCS system Element Market by Region

10.3.1 Global Nano UAV Control Systems market by Region

10.3.2 Global Nano UAV Navigation Systems market by Region

10.3.3 Global Nano UAV Communication Systems market by Region

10.3.4 Global Nano UAV Computer Systems market by Region

10.3.5 Global Nano UAV Software Systems market by Region

11 FORECAST NANO-UAV MARKET TO 2030 BY END-USE

11.1 Global Micro and Nano UAV market by End-Use overview

11.1.1 Global Army market by UAV Type

11.1.2 Global Homeland market by UAV Type

11.1.3 Global Navy market by UAV Type

11.2 Global Micro UAV market End-Use by Region

11.2.1 Army Micro UAV market by Region

11.2.2 Homeland Micro UAV market by Region

11.2.3 Navy Micro UAV market by Region

11.3 Global Nano UAV market End-Use by Region

11.3.1 Army Micro UAV market by Region

11.3.2 Homeland Nano UAV market by Region

11.3.3 Navy Nano UAV market by Region

12 OPPORTUNITY ANALYSIS

13 EVENTS BASED FORECAST TO 2030 FOR THE NANO-UAV

13.1 Introduction

13.2 Events forecast factors

13.3 Event based Global Market by Region

13.3.1 Global Event based Micro UAV market by Region

13.3.2 Global Event based Nano UAV market by Region

13.4 Event based UAV market Forecast by Technology

13.4.1 Event based Micro UAV market Forecast by Technology

13.4.2 Event based Nano UAV market Forecast by Technology

13.5 Event based Forecast by Systems Element

13.5.1 Event based Micro UAV Bird market by System Element

13.5.2 Event based Micro UAV GCS market by System Element

13.5.3 Event based Nano UAV Bird market by System Element

13.5.4 Event based Nano UAV GCS market by System Element

13.6 Forecast by End-Use

13.6.1 Event based Micro UAV market by End-Use

13.6.2 Event based Nano UAV market by End-Use

14 LEADING COMPANIES IN THE MICRO AND NANO-UAV MARKET

14.1 AeroVironment Inc.

14.1.1 Company profile

14.1.2 Products & Services

14.1.3 Segment Revenue

14.1.4 Financial info (revenues, profit last 5 years)

14.1.5 Micro/Nano UAV Products & Services

14.1.6 Recent contract wins

14.1.7 Recent Projects completed

14.1.8 Strategic Alliances

14.1.9 SWOT Analysis

14.2 BAE Systems plc

14.2.1 Company profile

14.2.2 Products & Services

14.2.3 Segment Revenue

14.2.4 Financial info (revenues, profit last 5 years)

14.2.5 SIGINT Products & Services

14.2.6 Recent contract wins

14.2.7 Recent Projects completed

14.2.8 Strategic Alliances

14.2.9 SWOT Analysis

14.3 Elbit Systems

- 14.3.1 Company profile
- 14.3.2 Products & Services
- 14.3.3 Segment Revenue
- 14.3.4 Financial info (revenues, profit last 5 years)
- 14.3.5 Micro/Nano UAV Products & Services
- 14.3.6 Recent contract wins
- 14.3.7 Recent Projects completed
- 14.3.8 Strategic Alliances
- 14.3.9 SWOT Analysis
- 14.4 Teledyne FLIR Systems
 - 14.4.1 Products & Services
 - 14.4.2 Segment Revenue 2020
 - 14.4.3 Financial info (revenues, profit last 3 years)
 - 14.4.4 Micro/Nano UAV Products & Services
 - 14.4.5 Recent contract wins
 - 14.4.6 Recent Projects completed
 - 14.4.7 Strategic Alliances
 - 14.4.8 SWOT Analysis
- 14.5 Leonardo S.p.A.
 - 14.5.1 Company profile
 - 14.5.2 Products & Services
 - 14.5.3 Segment Revenue
 - 14.5.4 Financial info (revenues, profit last 5 years)
 - 14.5.5 Micro/nano UAV Products & Services
 - 14.5.6 Recent contract wins
 - 14.5.7 Recent Projects completed
 - 14.5.8 Strategic Alliances
 - 14.5.9 SWOT Analysis
- 14.6 Lockheed Martin
 - 14.6.1 Products & Services
 - 14.6.2 Segment Revenue
 - 14.6.3 Financial info (revenues, profit last 5 years)
 - 14.6.4 Micro/Nano Products & Services
 - 14.6.5 Recent contract wins
 - 14.6.6 Recent Projects
 - 14.6.7 Strategic Alliances
 - 14.6.8 SWOT Analysis

15 CONCLUSIONS AND RECOMMENDATIONS

16 ABOUT MARKET FORECAST

16.1 General

16.2 Contact us

16.3 Disclaimer

16.4 License information

16.4.1 1-User PDF License

16.4.2 5-User PDF License

16.4.3 Site PDF License

16.4.4 Enterprise PDF License

17 APPENDICES

17.1 Companies Mentioned

17.2 Abbreviations

List Of Figures

LIST OF FIGURES

Figure 1: Global Micro and Nano UAV Market Forecast by Region [Units] to 2030

Figure 2: Global Micro and Nano UAV Market Forecast by Region [US\$millions] to 2030

Figure 3: Micro and Nano UAV System Elements

Figure 4: AeroVironment Black Widow

Figure 5: AeroVironment Nano Humnigbird Project Prototype

Figure 6: Fengiano Super Mini Drone Model

Figure 7: Global Micro UAV Market Forecast by Region [Units] to 2030

Figure 8: Global Micro UAV Market Forecast by Region [US\$millions] to 2030

Figure 9: North America Micro UAV Market Forecast by Technology [US\$millions] to 2030

Figure 10: South America Micro UAV Market Forecast by Technology [US\$thousands] to 2030

Figure 11: Europe Micro UAV Market Forecast by Technology [US\$millions] to 2030

Figure 12: MEA Micro UAV Market Forecast by Technology [US\$thousands] to 2030

Figure 13: APAC Micro UAV Market Forecast by Technology [US\$millions] to 2030

Figure 14: North America Micro UAV Bird Market Forecast by System Element [US\$millions] to 2030

Figure 15: South America Micro UAV Bird Market Forecast by System Element [US\$thousands] to 2030

Figure 16: Europe Micro UAV Bird Market Forecast by System Element [US\$millions] to 2030

Figure 17: MEA Micro UAV Bird Market Forecast by System Element [US\$thousands] to 2030

Figure 18: APAC Micro UAV Bird Market Forecast by System Element [US\$millions] to 2030

Figure 19: North America Micro UAV GCS Market Forecast by System Element [US\$millions] to 2030

Figure 20: South America Micro UAV GCS Market Forecast by System Element [US\$thousands] to 2030

Figure 21: Europe Micro UAV GCS Market Forecast by System Element [US\$millions] to 2030

Figure 22: MEA Micro UAV GCS Market Forecast by System Element [US\$thousands] to 2030

Figure 23: APAC Micro UAV GCS Market Forecast by System Element [US\$millions] to 2030

Figure 24: North America Micro UAV Market Forecast by End-Use [Units] to 2030

Figure 25: North America Micro UAV Market Forecast by End-Use [US\$millions] to 2030

Figure 26: South America Micro UAV Market Forecast by End-Use [Units] to 2030

Figure 27: South America Micro UAV Market Forecast by End-Use [US\$thousands] to 2030

Figure 28: Europe Micro UAV Market Forecast by End-Use [Units] to 2030

Figure 29: Europe Micro UAV Market Forecast by End-Use [US\$millions] to 2030

Figure 30: MEA Micro UAV Market Forecast by End-Use [Units] to 2030

Figure 31: MEA Micro UAV Market Forecast by End-Use [US\$thousands] to 2030

Figure 32: APAC Micro UAV Market Forecast by End-Use [Units] to 2030

Figure 33: APAC Micro UAV Market Forecast by End-Use [US\$millions] to 2030

Figure 34: Global Nano UAV Market Forecast by Region [Units] to 2030

Figure 35: Global Nano UAV Market Forecast by Region [US\$millions] to 2030

Figure 36: North America Nano UAV Market Forecast by Technology [US\$millions] to 2030

Figure 37: South America Nano UAV Market Forecast by Technology [US\$thousands] to 2030

Figure 38: Europe Nano UAV Market Forecast by Technology [US\$millions] to 2030

Figure 39: MEA Nano UAV Market Forecast by Region [US\$thousands] to 2030

Figure 40: APAC Nano UAV Market Forecast by Region [US\$thousands] to 2030

Figure 41: North America Nano UAV Bird Market Forecast by System Element [US\$millions] to 2030

Figure 42: South America Nano UAV Bird Market Forecast by System Element [US\$thousands] to 2030

Figure 43: Europe Nano UAV Bird Market Forecast by System Element [US\$millions] to 2030

Figure 44: MEA Nano UAV Bird Market Forecast by System Element [US\$thousands] to 2030

Figure 45: APAC Nano UAV Bird Market Forecast by System Element [US\$millions] to 2030

Figure 46: North America Nano UAV GCS Market Forecast by System Element [US\$millions] to 2030

Figure 47: South America Nano UAV GCS Market Forecast by System Element [US\$thousands] to 2030

Figure 48: Europe Nano UAV GCS Market Forecast by System Element [US\$millions] to 2030

Figure 49: MEA Nano UAV GCS Market Forecast by System Element [US\$thousands] to 2030

Figure 50: APAC Nano UAV GCS Market Forecast by System Element [US\$millions] to 2030

2030

Figure 51: North America Nano UAV Market Forecast by End-Use [Units] to 2030

Figure 52: North America Nano UAV Market Forecast by End-Use [US\$millions] to 2030

Figure 53: South AMerica Nano UAV Market Forecast by End-Use [Units] to 2030

Figure 54: South AMerica Nano UAV Market Forecast by End-Use [US\$thousands] to 2030

Figure 55: Europe Nano UAV Market Forecast by End-Use [Units] to 2030

Figure 56: Europe Nano UAV Market Forecast by End-Use [US\$millions] to 2030

Figure 57: MEA Nano UAV Market Forecast by End-Use [Units] to 2030

Figure 58: MEA Nano UAV Market Forecast by End-Use [US\$thousands] to 2030

Figure 59: APAC Nano UAV Market Forecast by End-Use [Units] to 2030

Figure 60: APAC Nano UAV Market Forecast by End-Use [US\$millions] to 2030

Figure 61: Global Micro UAV Bird Market Forecast by Region [US\$millions] to 2030

Figure 62: Global Micro UAV GCS Market Forecast by Region [US\$millions] to 2030

Figure 63: Global Micro UAV Accessories Market Forecast by Region [US\$thousands] to 2030

Figure 64: Global Micro UAV Framework Elements Market Forecast by Region [US\$millions] to 2030

Figure 65: Global Micro UAV Avionics Market Forecast by Region [US\$millions] to 2030

Figure 66: Global Micro UAV Payloads Market Forecast by Region [US\$millions] to 2030

Figure 67: Global Micro UAV Control Systems Market Forecast by Region [US\$millions] to 2030

Figure 68: Global Micro UAV Navigation Systems Market Forecast by Region [US\$millions] to 2030

Figure 69: Global Micro UAV Communication Systems Market Forecast by Region [US\$millions] to 2030

Figure 70: Global Micro UAV Computer Systems Market Forecast by Region [US\$millions] to 2030

Figure 71: Global Micro UAV Software Systems Market Forecast by Region [US\$thousands] to 2030

Figure 72: Global Nano UAV Bird Market Forecast by Region [US\$millions] to 2030

Figure 73: Global Nano UAV GCS Market Forecast by Region [US\$millions] to 2030

Figure 74: Global Nano UAV Accessories Market Forecast by Region [US\$thousands] to 2030

Figure 75: Global Nano UAV Framework Elements Market Forecast by Region [US\$millions] to 2030

Figure 76: Global Nano UAV Avionics Market Forecast by Region [US\$millions] to 2030

Figure 77: Global Nano UAV Payloads Market Forecast by Region [US\$millions] to 2030

2030

Figure 78: Global Nano UAV Control Systems Market Forecast by Region [US\$millions] to 2030

Figure 79: Global Nano UAV Navigation Systems Market Forecast by Region [US\$millions] to 2030

Figure 80: Global Nano UAV Communication Systems Market Forecast by Region [US\$millions] to 2030

Figure 81: Global Nano UAV Computer Systems Market Forecast by Region [US\$millions] to 2030

Figure 82: Global Nano UAV Computer Systems Market Forecast by Region [US\$thousands] to 2030

Figure 83: Global Army Market Forecast by UAV Type [Units] to 2030

Figure 84: Global Army Market Forecast by UAV Type [US\$millions] to 2030

Figure 85: Global Homeland Market Forecast by UAV Type [Units] to 2030

Figure 86: Global Homeland Market Forecast by UAV Type [US\$millions] to 2030

Figure 87: Global Navy Market Forecast by UAV Type [Units] to 2030

Figure 88: Global Homeland Market Forecast by UAV Type [US\$millions] to 2030

Figure 89: Global Army Micro UAV Market Forecast by Region [Units] to 2030

Figure 90: Global Army Micro UAV Market Forecast by Region [US\$millions] to 2030

Figure 91: Global Homeland Micro UAV Market Forecast by Region [Units] to 2030

Figure 92: Global Homeland Micro UAV Market Forecast by Region [US\$millions] to 2030

Figure 93: Global Navy Micro UAV Market Forecast by Region [Units] to 2030

Figure 94: Global Navy Micro UAV Market Forecast by Region [US\$millions] to 2030

Figure 95: Global Army Micro UAV Market Forecast by Region [Units] to 2030

Figure 96: Global Army Micro UAV Market Forecast by Region [US\$millions] to 2030

Figure 97: Global Homeland Nano UAV Market Forecast by Region [Units] to 2030

Figure 98: Global Homeland Nano UAV Market Forecast by Region [US\$millions] to 2030

Figure 99: Global Navy Micro UAV Market Forecast by Region [Units] to 2030

Figure 100: Global Navy Micro UAV Market Forecast by Region [US\$millions] to 2030

Figure 101: Global Navy Micro UAV Market Forecast by Region [Units] to 2030

Figure 102: Global Navy Micro UAV Market Forecast by Region [US\$millions] to 2030

Figure 103: Global Navy Micro UAV Market Forecast by Region [Units] to 2030

Figure 104: Global Navy Micro UAV Market Forecast by Region [US\$millions] to 2030

Figure 105: Global Event based Micro UAV Market Forecast by Technology [US\$millions] to 2030

Figure 106: Global Event based Nano UAV Market Forecast by Technology [US\$millions] to 2030

Figure 107: Global Event based Micro UAV Bird Market Forecast by System Element [US\$millions] to 2030

Figure 108: Global Event based Micro UAV GCS Market Forecast by System Element [US\$millions] to 2030

Figure 109: Global Event based Micro UAV Bird Market Forecast by System Element [US\$millions] to 2030

Figure 110: Global Event based Nano UAV GCS Market Forecast by System Element [US\$millions] to 2030

Figure 111: Global Event based Micro UAV Market Forecast by End-Use [Units] to 2030

Figure 112: Global Event based Micro UAV Market Forecast by End-Use [US\$millions] to 2030

Figure 113: Global Event based Nano UAV Market Forecast by End-Use [Units] to 2030

Figure 114: Global Event based Nano UAV Market Forecast by End-Use [US\$millions] to 2030

Figure 115: AeroVironment Company Revenue 2021

Figure 116: AeroVironment Inc. Revenue 2017-2021 (US\$millions)

Figure 117: AeroVironment Profit 2017-2021 (US\$millions)

Figure 118: BAE Systems plc Company Segment Revenue 2020

Figure 119: BAE Systems plc Company Revenue 2016-2020 (USD billions)

Figure 120: BAE Systems plc Company Profit 2016-2020 (USD billions)

Figure 121: Elbit System Ltd. Company Revenue 2020

Figure 122: Elbit Systems Company Revenue 2016-2020 (USD billions)

Figure 123: Elbit Systems Company Profit 2016-2020 (USD billions)

Figure 124: Leonardo Company Segment Revenue 2020

Figure 125: Leonardo Company Revenue 2016-2020 (USD billions)

Figure 126: Leonardo Company Profit 2016-2020 (USD millions)

Figure 127: Lockheed Martin Company Revenue 2020

Figure 128: Lockheed Martin Company Revenue 2016-2020 (USD billions)

Figure 129: Lockheed Martin Company Profit 2016-2020 (USD billions)

List Of Tables

LIST OF TABLES

Table 1: Global Micro and Nano UAV Market Forecast by Region [Units] to 2030
Table 2: Global Micro and Nano UAV Market Forecast by Region [US\$millions] to 2030
Table 3: Micro and Nano UAV System Requirements
Table 4: The US DoD UAS Group Classification
Table 5: NATO UAS Classification Guide, September 2009, JCGUAV Meeting
Table 6: Micro and Nano UAV Classification
Table 7: DARPA-NRL Micro UAV Program Contract Awards
Table 8: Micro UAV Companies and Products
Table 9: Nano UAV Companies and Products
Table 10: Global Data on First Use of Military Drones
Table 11: Global Data on First Use of Military Drones
Table 12: FLIR Black Hornet Procurement under SBS Program
Table 13: SBS Procurements up to 2021
Table 14: SOCOM Micro and Nano VTOL Procurement Budgets 2018
Table 15: SBS System Cost Split 2021
Table 16: Global Micro UAV Market Forecast by Region [Units] to 2030
Table 17: Global Micro UAV Market Forecast by Region [US\$millions] to 2030
Table 18: North America Micro UAV Market Forecast by Technology [US\$millions] to 2030
Table 19: South America Micro UAV Market Forecast by Technology [US\$thousands] to 2030
Table 20: Europe Micro UAV Market Forecast by Technology [US\$millions] to 2030
Table 21: MEA Micro UAV Market Forecast by Technology [US\$thousands] to 2030
Table 22: APAC Micro UAV Market Forecast by Technology [US\$millions] to 2030
Table 23: North America Micro UAV Bird Market Forecast by System Element [US\$millions] to 2030
Table 24: South America Micro UAV Bird Market Forecast by System Element [US\$thousands] to 2030
Table 25: Europe Micro UAV Bird Market Forecast by System Element [US\$millions] to 2030
Table 26: MEA Micro UAV Bird Market Forecast by System Element [US\$thousands] to 2030
Table 27: APAC Micro UAV Bird Market Forecast by System Element [US\$millions] to 2030
Table 28: North America Micro UAV GCS Market Forecast by System Element

[US\$millions] to 2030

Table 29: South America Micro UAV GCS Market Forecast by System Element

[US\$thousands] to 2030

Table 30: Europe Micro UAV GCS Market Forecast by System Element [US\$millions] to 2030

Table 31: MEA Micro UAV GCS Market Forecast by System Element [US\$thousands] to 2030

Table 32: APAC Micro UAV GCS Market Forecast by System Element [US\$millions] to 2030

Table 33: North America Micro UAV Market Forecast by End-Use [Units] to 2030

Table 34: North America Micro UAV Market Forecast by End-Use [US\$millions] to 2030

Table 35: South America Micro UAV Market Forecast by End-Use [Units] to 2030

Table 36: South America Micro UAV Market Forecast by End-Use [US\$thousands] to 2030

Table 37: Europe Micro UAV Market Forecast by End-Use [Units] to 2030

Table 38: Europe Micro UAV Market Forecast by End-Use [US\$millions] to 2030

Table 39: MEA Micro UAV Market Forecast by End-Use [Units] to 2030

Table 40: MEA Micro UAV Market Forecast by End-Use [US\$thousands] to 2030

Table 41: APAC Micro UAV Market Forecast by End-Use [Units] to 2030

Table 42: APAC Micro UAV Market Forecast by End-Use [US\$millions] to 2030

Table 43: Global Nano UAV Market Forecast by Region [Units] to 2030

Table 44: Global Nano UAV Market Forecast by Region [US\$millions] to 2030

Table 45: North America Nano UAV Market Forecast by Technology [US\$millions] to 2030

Table 46: South America Nano UAV Market Forecast by Technology [US\$thousands] to 2030

Table 47: Europe Nano UAV Market Forecast by Technology [US\$millions] to 2030

Table 48: MEA Nano UAV Market Forecast by Technology [US\$thousands] to 2030

Table 49: APAC Nano UAV Market Forecast by Technology [US\$millions] to 2030

Table 50: North America Nano UAV Bird Market Forecast by System Element [US\$millions] to 2030

Table 51: South America Nano UAV Bird Market Forecast by System Element [US\$thousands] to 2030

Table 52: Europe Nano UAV Bird Market Forecast by System Element [US\$millions] to 2030

Table 53: MEA Nano UAV Bird Market Forecast by System Element [US\$thousands] to 2030

Table 54: APAC Nano UAV Bird Market Forecast by System Element [US\$millions] to 2030

Table 55: North America Nano UAV GCS Market Forecast by System Element [US\$millions] to 2030

Table 56: South America Nano UAV GCS Market Forecast by System Element [US\$thousands] to 2030

Table 57: Europe Nano UAV GCS Market Forecast by System Element [US\$millions] to 2030

Table 58: MEA Nano UAV GCS Market Forecast by System Element [US\$thousands] to 2030

Table 59: APAC Nano UAV GCS Market Forecast by System Element [US\$millions] to 2030

Table 60: North America Nano UAV Market Forecast by End-Use [Units] to 2030

Table 61: North America Nano UAV Market Forecast by End-Use [US\$millions] to 2030

Table 62: South America Nano UAV Market Forecast by End-Use [Units] to 2030

Table 63: South America Nano UAV Market Forecast by End-Use [US\$thousands] to 2030

Table 64: Europe Nano UAV Market Forecast by End-Use [Units] to 2030

Table 65: Europe Nano UAV Market Forecast by End-Use [US\$millions] to 2030

Table 66: MEA Nano UAV Market Forecast by End-Use [Units] to 2030

Table 67: MEA Nano UAV Market Forecast by End-Use [US\$thousands] to 2030

Table 68: APAC Nano UAV Market Forecast by End-Use [Units] to 2030

Table 69: APAC Nano UAV Market Forecast by End-Use [US\$millions] to 2030

Table 70: Global Micro UAV Bird Market Forecast by Region [US\$millions] to 2030

Table 71: Global Micro UAV GCS Market Forecast by Region [US\$millions] to 2030

Table 72: Global Micro UAV Accessories Market Forecast by Region [US\$thousands] to 2030

Table 73: Global Micro UAV Framework Elements Market Forecast by Region [US\$millions] to 2030

Table 74: Global Micro UAV Avionics Market Forecast by Region [US\$millions] to 2030

Table 75: Global Micro UAV Payloads Market Forecast by Region [US\$millions] to 2030

Table 76: Global Micro UAV Control Systems Market Forecast by Region [US\$millions] to 2030

Table 77: Global Micro UAV Navigation Systems Market Forecast by Region [US\$millions] to 2030

Table 78: Global Micro UAV Communication Systems Market Forecast by Region [US\$millions] to 2030

Table 79: Global Micro UAV Computer Systems Market Forecast by Region [US\$millions] to 2030

Table 80: Global Micro UAV Software Systems Market Forecast by Region [US\$thousands] to 2030

Table 81: Global Nano UAV Bird Market Forecast by Region [US\$millions] to 2030

Table 82: Global Nano UAV GCS Market Forecast by Region [US\$millions] to 2030

Table 83: Global Nano UAV Accessories Market Forecast by Region [US\$thousands] to 2030

Table 84: Global Nano UAV Framework Elements Market Forecast by Region [US\$millions] to 2030

Table 85: Global Nano UAV Avionics Market Forecast by Region [US\$millions] to 2030

Table 86: Global Nano UAV Payloads Market Forecast by Region [US\$millions] to 2030

Table 87: Global Nano UAV Control Systems Market Forecast by Region [US\$millions] to 2030

Table 88: Global Nano UAV Navigation Systems Market Forecast by Region [US\$millions] to 2030

Table 89: Global Nano UAV Communication Systems Market Forecast by Region [US\$millions] to 2030

Table 90: Global Nano UAV Computer Systems Market Forecast by Region [US\$millions] to 2030

Table 91: Global Nano UAV Software Systems Market Forecast by Region [US\$thousands] to 2030

Table 92: Global Army Market Forecast by UAV Type [Units] to 2030

Table 93: Global Army Market Forecast by UAV Type [US\$millions] to 2030

Table 94: Global Army Market Forecast by UAV Type [Units] to 2030

Table 95: Global Homeland Market Forecast by UAV Type [US\$Millions] to 2030

Table 96: Global Navy Market Forecast by UAV Type [Units] to 2030

Table 97: Global Navy Market Forecast by UAV Type [US\$Millions] to 2030

Table 98: Global Army Micro UAV Market Forecast by Region [Units] to 2030

Table 99: Global Army Micro UAV Market Forecast by Region [US\$millions] to 2030

Table 100: Global Homeland Micro UAV Market Forecast by Region [Units] to 2030

Table 101: Global Homeland Micro UAV Market Forecast by Region [US\$millions] to 2030

Table 102: Global Navy Micro UAV Market Forecast by Region [Units] to 2030

Table 103: Global Navy Micro UAV Market Forecast by Region [US\$millions] to 2030

Table 104: Global Army Micro UAV Market Forecast by Region [Units] to 2030

Table 105: Global Army Micro UAV Market Forecast by Region [US\$millions] to 2030

Table 106: Global Homeland Nano UAV Market Forecast by Region [Units] to 2030

Table 107: Global Homeland Nano UAV Market Forecast by Region [US\$millions] to 2030

Table 108: Global Navy Nano UAV Market Forecast by Region [Units] to 2030

Table 109: Global Navy Micro UAV Market Forecast by Region [US\$millions] to 2030

Table 110: Global Event based Micro UAV Market Forecast by Region [Units] to 2030

Table 111: Global Navy Micro UAV Market Forecast by Region [US\$millions] to 2030

Table 112: Global Event based Nano UAV Market Forecast by Region [Units] to 2030

Table 113: Global Navy Micro UAV Market Forecast by Region [US\$millions] to 2030

Table 114: Global Event based Micro UAV Market Forecast by Technology
[US\$millions] to 2030

Table 115: Global Event based Nano UAV Market Forecast by Technology
[US\$millions] to 2030

Table 116: Global Event based Micro UAV Bird Market Forecast by System Element
[US\$millions] to 2030

Table 117: Global Event based Micro UAV GCS Market Forecast by System Element
[US\$millions] to 2030

Table 118: Global Event based Nano UAV Bird Market Forecast by System Element
[US\$millions] to 2030

Table 119: Global Event based Nano UAV GCS Market Forecast by System Element
[US\$millions] to 2030

Table 120: Global Event based Micro UAV Market Forecast by End-Use [Units] to 2030

Table 121: Global Event based Micro UAV Market Forecast by End-Use [US\$millions]
to 2030

Table 122: Global Event based Nano UAV Market Forecast by End-Use [Units] to 2030

Table 123: Global Event based Nano UAV Market Forecast by End-Use [US\$millions] to
2030

Table 124: AeroVironment Inc. Financial Information 2017-2021 (USD millions)

Table 125: AeroVironment Inc. SWOT Analysis

Table 126: BAE Systems plc Company Financial Information 2014-2018 (USD billions)

Table 127: BAE System plc Company SWOT Analysis

Table 128: Elbit Systems Company Financial Information 2014-2018 (USD billions)

Table 129: Elbit Systems Company SWOT Analysis

Table 130: FLIR Systems Company Financial Information 2017-2019 (US\$millions)

Table 131: FLIR Systems Company SWOT Analysis

Table 132: Leonardo Company Financial Information 2013-2017 (USD billions)

Table 133: Leonardo S.p.A. Company SWOT Analysis

Table 134: General Dynamics Company Financial Information 2016-2020 (USD billions)

Table 135: Lockheed Martin Company SWOT Analysis

I would like to order

Product name: Micro and Nano Air Vehicles for Defense and Security - Market and Technology Forecast to 2030

Product link: <https://marketpublishers.com/r/M6339FD70501EN.html>

Price: US\$ 4,355.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/M6339FD70501EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970

