

Global Tethered Aerostat Systems Market Size study & Forecast, by Application (Military and Law Enforcement, and Commercial and Research), and Regional Analysis, 2023-2030

<https://marketpublishers.com/r/G8CBB3E3CEAEEN.html>

Date: February 2024

Pages: 200

Price: US\$ 4,950.00 (Single User License)

ID: G8CBB3E3CEAEEN

Abstracts

Global Tethered Aerostat Systems Market is valued approximately at USD XX billion in 2022 and is anticipated to grow with a healthy growth rate of more than XX% over the forecast period 2023-2030. Tethered aerostat systems are large, helium-filled balloons that are attached to the ground by strong, flexible tethers. These systems are equipped with various sensors, communication devices, and surveillance equipment to perform a range of functions, primarily focused on monitoring and surveillance. The market growth is driven by key factors such as growing terrorism, increased demand for border security and surveillance, and expanding applications beyond border security.

The surge in challenges such as illegal immigration, drug trafficking, and various cross-border threats is fueling the demand for sophisticated surveillance solutions. Tethered Aerostat Systems (TARS) emerge as a compelling option due to their ability to provide real-time aerial monitoring, making them especially well-suited for border security applications. Although border security continues to be the main catalyst, TARS is increasingly being deployed in diverse scenarios such as disaster response, wildfire monitoring, natural resource management, and even infrastructure security. This expansion into multiple domains creates fresh avenues for market growth and development. As per Statista, Mexico holds the highest position in the tally of individuals apprehended at the U.S. border, constituting approximately 25 percent of the total migrant population in the northern country. With roughly 37 million people of Mexican origin residing in the U.S., migration consistently proves to be a complex and contentious topic in public discourse, invariably evolving into a prominent political issue. In February 2022, Secretary Mayorkas revealed the establishment of the Southwest

Border Coordination Center (SBCC). This center takes charge of orchestrating and planning a comprehensive, government-wide response to the expected rise in border encounters. However, public privacy concerns, high initial cost stifle market growth throughout the forecast period of 2023-2030.

The key regions considered for the Global Tethered Aerostat Systems Market study include Asia Pacific, North America, Europe, Latin America, and Middle East & Africa. North America is leading and is expected to be the fastest-growing region in the Tethered Aerostat Systems market for aerostat systems, poised to maintain its leadership throughout the projected period. The United States, in particular, holds the position of the largest global market for aerostat systems. The nation is actively leveraging these aerostats for border surveillance and demonstrating a commitment to the advancement and acquisition of these cutting-edge surveillance systems.

Major market player included in this report are:

Carolina Unmanned Vehicles Inc.

TCOM LP

Aerostar International, Inc. Lockheed Martin Corporation

Worldwide Aeros Corp.

Israel Aerospace Industries Limited

Allsopp Helikites Limited

ILC Dover LP

RosAeroSystems

Lindstrand Technologies Limited

Recent Developments in the Market:

In May 2022, Spire Global secured a substantial, multimillion-dollar, five-year contract to furnish weather forecasts to TCOM, a United States-based intelligence, surveillance, and reconnaissance (ISR) firm. This subcontract

entails delivering weather forecasts to ten specific sites where TCOM operates its aerostats.

In November 2021, the Israeli Ministry of Defense (MoD) declared that the Israel Missile Defense Organization (IMDO) was in the process of testing an aerostat equipped with a new radar capable of detecting long-range threats. This aerostat, known as the High Availability Aerostat System (HAAS), was manufactured by the U.S. company TCOM. The radar itself was a collaborative effort involving the U.S. Missile Defense Agency, as well as Elta, a subsidiary of the prime contractor Israel Aerospace Industries.

Global Tethered Aerostat Systems Market Report Scope:

Historical Data – 2020 - 2021

Base Year for Estimation – 2022

Forecast period - 2023-2030

Report Coverage - Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Segments Covered – Application, Region

Regional Scope - North America; Europe; Asia Pacific; Latin America; Middle East & Africa

Customization Scope - Free report customization (equivalent up to 8 analyst's working hours) with purchase. Addition or alteration to country, regional & segment scope*

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within countries involved in the study.

The report also caters detailed information about the crucial aspects such as driving

factors & challenges which will define the future growth of the market. Additionally, it also incorporates potential opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Application:

Military and Law Enforcement

Commercial and Research

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC

Latin America

Brazil

Mexico

Middle East & Africa

Saudi Arabia

South Africa

Rest of Middle East & Africa

Contents

CHAPTER 1. EXECUTIVE SUMMARY

- 1.1. Market Snapshot
- 1.2. Global & Segmental Market Estimates & Forecasts, 2020-2030 (USD Billion)
 - 1.2.1. Tethered Aerostat Systems Market, by region, 2020-2030 (USD Billion)
 - 1.2.2. Tethered Aerostat Systems Market, by Application, 2020-2030 (USD Billion)
- 1.3. Key Trends
- 1.4. Estimation Methodology
- 1.5. Research Assumption

CHAPTER 2. GLOBAL TETHERED AEROSTAT SYSTEMS MARKET DEFINITION AND SCOPE

- 2.1. Objective of the Study
- 2.2. Market Definition & Scope
 - 2.2.1. Industry Evolution
 - 2.2.2. Scope of the Study
- 2.3. Years Considered for the Study
- 2.4. Currency Conversion Rates

CHAPTER 3. GLOBAL TETHERED AEROSTAT SYSTEMS MARKET DYNAMICS

- 3.1. Tethered Aerostat Systems Market Impact Analysis (2020-2030)
 - 3.1.1. Market Drivers
 - 3.1.1.1. Growing terrorism
 - 3.1.1.2. Increased demand for border security and surveillance
 - 3.1.1.3. Expanding applications beyond border security
 - 3.1.2. Market Challenges
 - 3.1.2.1. Public privacy concerns
 - 3.1.2.2. High initial cost setting
 - 3.1.3. Market Opportunities
 - 3.1.3.1. Focus on commercial applications
 - 3.1.3.2. Development of hybrid systems

CHAPTER 4. GLOBAL TETHERED AEROSTAT SYSTEMS MARKET: INDUSTRY ANALYSIS

- 4.1. Porter's 5 Force Model
 - 4.1.1. Bargaining Power of Suppliers
 - 4.1.2. Bargaining Power of Buyers
 - 4.1.3. Threat of New Entrants
 - 4.1.4. Threat of Substitutes
 - 4.1.5. Competitive Rivalry
- 4.2. Porter's 5 Force Impact Analysis
- 4.3. PEST Analysis
 - 4.3.1. Political
 - 4.3.2. Economic
 - 4.3.3. Social
 - 4.3.4. Technological
 - 4.3.5. Environmental
 - 4.3.6. Legal
- 4.4. Top investment opportunity
- 4.5. Top winning strategies
- 4.6. COVID-19 Impact Analysis
- 4.7. Disruptive Trends
- 4.8. Industry Expert Perspective
- 4.9. Analyst Recommendation & Conclusion

CHAPTER 5. GLOBAL TETHERED AEROSTAT SYSTEMS MARKET, BY APPLICATION

- 5.1. Market Snapshot
- 5.2. Global Tethered Aerostat Systems Market by Application, Performance - Potential Analysis
- 5.3. Global Tethered Aerostat Systems Market Estimates & Forecasts by Application 2020-2030 (USD Billion)
- 5.4. Tethered Aerostat Systems Market, Sub Segment Analysis
 - 5.4.1. Military and Law Enforcement
 - 5.4.2. Commercial and Research

CHAPTER 6. GLOBAL TETHERED AEROSTAT SYSTEMS MARKET, REGIONAL ANALYSIS

- 6.1. Top Leading Countries
- 6.2. Top Emerging Countries
- 6.3. Tethered Aerostat Systems Market, Regional Market Snapshot

- 6.4. North America Tethered Aerostat Systems Market
 - 6.4.1. U.S. Tethered Aerostat Systems Market
 - 6.4.1.1. Application breakdown estimates & forecasts, 2020-2030
 - 6.4.2. Canada Tethered Aerostat Systems Market
- 6.5. Europe Tethered Aerostat Systems Market Snapshot
 - 6.5.1. U.K. Tethered Aerostat Systems Market
 - 6.5.2. Germany Tethered Aerostat Systems Market
 - 6.5.3. France Tethered Aerostat Systems Market
 - 6.5.4. Spain Tethered Aerostat Systems Market
 - 6.5.5. Italy Tethered Aerostat Systems Market
 - 6.5.6. Rest of Europe Tethered Aerostat Systems Market
- 6.6. Asia-Pacific Tethered Aerostat Systems Market Snapshot
 - 6.6.1. China Tethered Aerostat Systems Market
 - 6.6.2. India Tethered Aerostat Systems Market
 - 6.6.3. Japan Tethered Aerostat Systems Market
 - 6.6.4. Australia Tethered Aerostat Systems Market
 - 6.6.5. South Korea Tethered Aerostat Systems Market
 - 6.6.6. Rest of Asia Pacific Tethered Aerostat Systems Market
- 6.7. Latin America Tethered Aerostat Systems Market Snapshot
 - 6.7.1. Brazil Tethered Aerostat Systems Market
 - 6.7.2. Mexico Tethered Aerostat Systems Market
- 6.8. Middle East & Africa Tethered Aerostat Systems Market
 - 6.8.1. Saudi Arabia Tethered Aerostat Systems Market
 - 6.8.2. South Africa Tethered Aerostat Systems Market
 - 6.8.3. Rest of Middle East & Africa Tethered Aerostat Systems Market

CHAPTER 7. COMPETITIVE INTELLIGENCE

- 7.1. Key Company SWOT Analysis
 - 7.1.1. Company
 - 7.1.2. Company
 - 7.1.3. Company
- 7.2. Top Market Strategies
- 7.3. Company Profiles
 - 7.3.1. Carolina Unmanned Vehicles Inc.
 - 7.3.1.1. Key Information
 - 7.3.1.2. Overview
 - 7.3.1.3. Financial (Subject to Data Availability)
 - 7.3.1.4. Product Summary

- 7.3.1.5. Recent Developments
- 7.3.2. TCOM LP
- 7.3.3. Aerostar International, Inc
- 7.3.4. Lockheed Martin Corporation
- 7.3.5. Worldwide Aeros Corp.
- 7.3.6. Israel Aerospace Industries Limited
- 7.3.7. Allsopp Helikites Limited
- 7.3.8. ILC Dover LP
- 7.3.9. RosAeroSystems
- 7.3.10. Lindstrand Technologies Limited

CHAPTER 8. RESEARCH PROCESS

- 8.1. Research Process
 - 8.1.1. Data Mining
 - 8.1.2. Analysis
 - 8.1.3. Market Estimation
 - 8.1.4. Validation
 - 8.1.5. Publishing
- 8.2. Research Attributes
- 8.3. Research Assumption

List Of Tables

LIST OF TABLES

TABLE 1. Global Tethered Aerostat Systems Market, report scope

TABLE 2. Global Tethered Aerostat Systems Market estimates & forecasts by Region 2020-2030 (USD Billion)

TABLE 3. Global Tethered Aerostat Systems Market estimates & forecasts by Application 2020-2030 (USD Billion)

TABLE 4. Global Tethered Aerostat Systems Market by segment, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 5. Global Tethered Aerostat Systems Market by region, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 6. Global Tethered Aerostat Systems Market by segment, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 7. Global Tethered Aerostat Systems Market by region, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 8. Global Tethered Aerostat Systems Market by segment, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 9. Global Tethered Aerostat Systems Market by region, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 10. Global Tethered Aerostat Systems Market by segment, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 11. Global Tethered Aerostat Systems Market by region, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 12. Global Tethered Aerostat Systems Market by segment, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 13. Global Tethered Aerostat Systems Market by region, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 14. U.S. Tethered Aerostat Systems Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 15. U.S. Tethered Aerostat Systems Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 16. U.S. Tethered Aerostat Systems Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 17. Canada Tethered Aerostat Systems Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 18. Canada Tethered Aerostat Systems Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 19. Canada Tethered Aerostat Systems Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 20. UK Tethered Aerostat Systems Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 21. UK Tethered Aerostat Systems Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 22. UK Tethered Aerostat Systems Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 23. Germany Tethered Aerostat Systems Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 24. Germany Tethered Aerostat Systems Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 25. Germany Tethered Aerostat Systems Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 26. France Tethered Aerostat Systems Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 27. France Tethered Aerostat Systems Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 28. France Tethered Aerostat Systems Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 29. Italy Tethered Aerostat Systems Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 30. Italy Tethered Aerostat Systems Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 31. Italy Tethered Aerostat Systems Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 32. Spain Tethered Aerostat Systems Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 33. Spain Tethered Aerostat Systems Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 34. Spain Tethered Aerostat Systems Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 35. RoE Tethered Aerostat Systems Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 36. RoE Tethered Aerostat Systems Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 37. RoE Tethered Aerostat Systems Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 38. China Tethered Aerostat Systems Market estimates & forecasts, 2020-2030

(USD Billion)

TABLE 39. China Tethered Aerostat Systems Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 40. China Tethered Aerostat Systems Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 41. India Tethered Aerostat Systems Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 42. India Tethered Aerostat Systems Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 43. India Tethered Aerostat Systems Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 44. Japan Tethered Aerostat Systems Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 45. Japan Tethered Aerostat Systems Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 46. Japan Tethered Aerostat Systems Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 47. South Korea Tethered Aerostat Systems Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 48. South Korea Tethered Aerostat Systems Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 49. South Korea Tethered Aerostat Systems Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 50. Australia Tethered Aerostat Systems Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 51. Australia Tethered Aerostat Systems Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 52. Australia Tethered Aerostat Systems Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 53. RoAPAC Tethered Aerostat Systems Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 54. RoAPAC Tethered Aerostat Systems Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 55. RoAPAC Tethered Aerostat Systems Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 56. Brazil Tethered Aerostat Systems Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 57. Brazil Tethered Aerostat Systems Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 58. Brazil Tethered Aerostat Systems Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 59. Mexico Tethered Aerostat Systems Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 60. Mexico Tethered Aerostat Systems Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 61. Mexico Tethered Aerostat Systems Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 62. RoLA Tethered Aerostat Systems Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 63. RoLA Tethered Aerostat Systems Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 64. RoLA Tethered Aerostat Systems Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 65. Saudi Arabia Tethered Aerostat Systems Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 66. South Africa Tethered Aerostat Systems Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 67. RoMEA Tethered Aerostat Systems Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 68. List of secondary sources, used in the study of global Tethered Aerostat Systems Market

TABLE 69. List of primary sources, used in the study of global Tethered Aerostat Systems Market

TABLE 70. Years considered for the study

TABLE 71. Exchange rates considered

List of tables and figures and dummy in nature, final lists may vary in the final deliverable

List Of Figures

LIST OF FIGURES

- FIG 1. Global Tethered Aerostat Systems Market, research methodology
 - FIG 2. Global Tethered Aerostat Systems Market, Market estimation techniques
 - FIG 3. Global Market size estimates & forecast methods
 - FIG 4. Global Tethered Aerostat Systems Market, key trends 2022
 - FIG 5. Global Tethered Aerostat Systems Market, growth prospects 2023-2030
 - FIG 6. Global Tethered Aerostat Systems Market, porters 5 force model
 - FIG 7. Global Tethered Aerostat Systems Market, pest analysis
 - FIG 8. Global Tethered Aerostat Systems Market, value chain analysis
 - FIG 9. Global Tethered Aerostat Systems Market by segment, 2020 & 2030 (USD Billion)
 - FIG 10. Global Tethered Aerostat Systems Market by segment, 2020 & 2030 (USD Billion)
 - FIG 11. Global Tethered Aerostat Systems Market by segment, 2020 & 2030 (USD Billion)
 - FIG 12. Global Tethered Aerostat Systems Market by segment, 2020 & 2030 (USD Billion)
 - FIG 13. Global Tethered Aerostat Systems Market by segment, 2020 & 2030 (USD Billion)
 - FIG 14. Global Tethered Aerostat Systems Market, regional snapshot 2020 & 2030
 - FIG 15. North America Tethered Aerostat Systems Market 2020 & 2030 (USD Billion)
 - FIG 16. Europe Tethered Aerostat Systems Market 2020 & 2030 (USD Billion)
 - FIG 17. Asia pacific Tethered Aerostat Systems Market 2020 & 2030 (USD Billion)
 - FIG 18. Latin America Tethered Aerostat Systems Market 2020 & 2030 (USD Billion)
 - FIG 19. Middle East & Africa Tethered Aerostat Systems Market 2020 & 2030 (USD Billion)
- List of tables and figures and dummy in nature, final lists may vary in the final deliverable

I would like to order

Product name: Global Tethered Aerostat Systems Market Size study & Forecast, by Application (Military and Law Enforcement, and Commercial and Research), and Regional Analysis, 2023-2030

Product link: <https://marketpublishers.com/r/G8CBB3E3CEAEEN.html>

Price: US\$ 4,950.00 (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/G8CBB3E3CEAEEN.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