

# **Aerostat Systems Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2023-2028**

<https://marketpublishers.com/r/ABB02CDC97AEN.html>

Date: July 2023

Pages: 136

Price: US\$ 2,499.00 (Single User License)

ID: ABB02CDC97AEN

## **Abstracts**

### Market Overview:

The global aerostat systems market size reached US\$ 12.5 Billion in 2022. Looking forward, IMARC Group expects the market to reach US\$ 25.8 Billion by 2028, exhibiting a growth rate (CAGR) of 12.64% during 2023-2028.

Aerostats are low-level airborne systems that are used for ground supervision. They are made of large fabric envelopes filled with helium or hot air and have an optimal reach of around 4,600 m in height. Aerostat systems are considered suitable for elevating light payloads and are generally used in the form of tactical airborne platforms for radar systems, cameras and communication equipment along with other scientific equipment. These systems are designed and manufactured according to the specific parameter requirements such as operating temperature, wind speed, altitude and payload carrying capacity.

### Global Aerostat Systems Market Drivers:

Aerostat systems are used for a wide variety of applications including information gathering, surveillance and scientific research. They are cost-effective, durable and eco-friendly as well as have high structural integrity. These are some of the features which are expected to augment the demand for these systems across the globe.

Over the past few years, there has been a rise in the number of investments made by manufacturers for R&D activities. These investments are aimed to improve the functioning of aerostat systems in adverse environmental conditions such as extreme cold or heat.

There are numerous organizations which have started employing intelligent video

surveillance systems owing to several advantages offered by them, such as object recognition and video analytics. Other than this, the demand for high-quality aerostat systems has also escalated on account of rising territorial disputes in regions like Asia Pacific.

Governments across the globe have started promoting the utilization of aerostat systems for different military applications which include reconnaissance and border security. Additionally, these systems are increasingly being used for communicating signs that indicate natural disasters, civil unrest and crimes within a country.

#### Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global aerostat systems market report, along with forecasts at the global and regional level from 2023-2028. Our report has categorized the market based on payload, sub-system, product type, propulsion system and class.

#### Breakup by Payload:

- Surveillance Radar
- Inertial Navigation System
- Thermal Imaging Camera
- Electro-Optical Sensor
- Electronic Intelligence
- Communication Intelligence

#### Breakup by Sub-System:

- Aerostat
- Ground Control Station (GCS)
- Payload

#### Breakup by Product Type:

- Balloon
- Airship
- Hybrid

#### Breakup by Propulsion System:

- Powered Aerostats

## Unpowered Aerostats

### Breakup by Class:

Compact-Sized Aerostats

Mid-Sized Aerostats

Large-Sized Aerostats

### Breakup by Region:

North America

Europe

Asia Pacific

Middle East and Africa

Latin America

The report has also provided a comprehensive analysis of all the major regional markets, which include North America (the United States aerostat systems market and Canada), Asia Pacific (China, Japan, India, South Korea, Australia, Indonesia, and others), Europe (Germany, France, the United Kingdom, Italy, Spain, Russia, and others), Latin America (Brazil, Mexico, and others), and the Middle East and Africa.

### Competitive Landscape:

The report has also analysed the competitive landscape of the market with some of the key players being Aerostar International, Inc., ILC Dover LP, Israel Aerospace Industries Ltd., Lindstrand Technologies Ltd., Lockheed Martin Corporation., RosAeroSystems, International Ltd., RT Aerostat Systems Inc., TCOM L.P., Worldwide Aeros Corporation, Raytheon Company, Rafael Advanced Defense Systems Ltd, etc.

### Key Questions Answered in This Report

1. What was the size of the global aerostat systems market in 2022?
2. What is the expected growth rate of the global aerostat systems market during 2023-2028?
3. What are the key factors driving the global aerostat systems market?
4. What has been the impact of COVID-19 on the global aerostat systems market?
5. What is the breakup of the global aerostat systems market based on the payload?

6. What is the breakup of the global aerostat systems market based on the sub-system?
7. What is the breakup of the global aerostat systems market based on the product type?
8. What is the breakup of the global aerostat systems market based on the propulsion system?
9. What is the breakup of the global aerostat systems market based on the class?
10. What are the key regions in the global aerostat systems market?
11. Who are the key players/companies in the global aerostat systems market?

## Contents

### **1 PREFACE**

### **2 SCOPE AND METHODOLOGY**

- 2.1 Objectives of the Study
- 2.2 Stakeholders
- 2.3 Data Sources
  - 2.3.1 Primary Sources
  - 2.3.2 Secondary Sources
- 2.4 Market Estimation
  - 2.4.1 Bottom-Up Approach
  - 2.4.2 Top-Down Approach
- 2.5 Forecasting Methodology

### **3 EXECUTIVE SUMMARY**

### **4 INTRODUCTION**

- 4.1 Overview
- 4.2 Key Industry Trends

### **5 GLOBAL AEROSTAT SYSTEMS INDUSTRY**

- 5.1 Market Overview
- 5.2 Market Performance
- 5.3 Impact of COVID-19
- 5.4 Market Breakup by Payload
- 5.5 Market Breakup by Sub-System
- 5.6 Market Breakup by Product Type
- 5.7 Market Breakup by Propulsion System
- 5.8 Market Breakup by Class
- 5.9 Market Breakup by Region
- 5.10 Market Forecast

### **6 MARKET BREAKUP BY PAYLOAD**

- 6.1 Surveillance Radar

- 6.1.1 Market Trends
- 6.1.2 Market Forecast
- 6.2 Inertial Navigation System
  - 6.2.1 Market Trends
  - 6.2.2 Market Forecast
- 6.3 Thermal Imaging Camera
  - 6.3.1 Market Trends
  - 6.3.2 Market Forecast
- 6.4 Electro-Optical Sensor
  - 6.4.1 Market Trends
  - 6.4.2 Market Forecast
- 6.5 Electronic Intelligence
  - 6.5.1 Market Trends
  - 6.5.2 Market Forecast
- 6.6 Communication Intelligence
  - 6.6.1 Market Trends
  - 6.6.2 Market Forecast

## **7 MARKET BREAKUP BY SUB-SYSTEM**

- 7.1 Aerostat
  - 7.1.1 Market Trends
  - 7.1.2 Market Forecast
- 7.2 Ground Control Station (GCS)
  - 7.2.1 Market Trends
  - 7.2.2 Market Forecast
- 7.3 Payload
  - 7.3.1 Market Trends
  - 7.3.2 Market Forecast

## **8 MARKET BREAKUP BY PRODUCT TYPE**

- 8.1 Balloon
  - 8.1.1 Market Trends
  - 8.1.2 Market Forecast
- 8.2 Airship
  - 8.2.1 Market Trends
  - 8.2.2 Market Forecast
- 8.3 Hybrid

8.3.1 Market Trends

8.3.2 Market Forecast

## **9 MARKET BREAKUP BY PROPULSION SYSTEM**

9.1 Powered Aerostats

9.1.1 Market Trends

9.1.2 Market Forecast

9.2 Unpowered Aerostats

9.2.1 Market Trends

9.2.2 Market Forecast

## **10 MARKET BREAKUP BY CLASS**

10.1 Compact-Sized Aerostats

10.1.1 Market Trends

10.1.2 Market Forecast

10.2 Mid-Sized Aerostats

10.2.1 Market Trends

10.2.2 Market Forecast

10.3 Large-Sized Aerostats

10.3.1 Market Trends

10.3.2 Market Forecast

## **11 MARKET BREAKUP BY REGION**

11.1 North America

11.1.1 Market Trends

11.1.2 Market Forecast

11.2 Europe

11.2.1 Market Trends

11.2.2 Market Forecast

11.3 Asia Pacific

11.3.1 Market Trends

11.3.2 Market Forecast

11.4 Middle East and Africa

11.4.1 Market Trends

11.4.2 Market Forecast

11.5 Latin America

11.5.1 Market Trends

11.5.2 Market Forecast

## **12 SWOT ANALYSIS**

12.1 Overview

12.2 Strengths

12.3 Weaknesses

12.4 Opportunities

12.5 Threats

## **13 VALUE CHAIN ANALYSIS**

13.1 Overview

13.2 Research and Development

13.3 Raw Material Procurement

13.4 Manufacturing

13.5 Marketing

13.6 Distribution

13.7 End-Use

## **14 PORTERS FIVE FORCES ANALYSIS**

14.1 Overview

14.2 Bargaining Power of Buyers

14.3 Bargaining Power of Suppliers

14.4 Degree of Competition

14.5 Threat of New Entrants

14.6 Threat of Substitutes

## **15 PRICE ANALYSIS**

15.1 Key Price Indicators

15.2 Price Structure

15.3 Margin Analysis

## **16 COMPETITIVE LANDSCAPE**

16.1 Market Structure



## 16.2 Key Players

### 16.3 Profiles of Key Players

16.3.1 Aerostar International, Inc.

16.3.2 ILC Dover LP

16.3.3 Israel Aerospace Industries Ltd.

16.3.4 Lindstrand Technologies, Ltd.

16.3.5 Lockheed Martin Corporation.

16.3.6 RosAeroSystems, International Ltd.

16.3.7 RT Aerostat Systems, Inc.

16.3.8 TCOM L.P.

16.3.9 Worldwide Aeros Corporation

16.3.10 Raytheon Company

16.3.11 Rafael Advanced Defense Systems Ltd

## List Of Tables

### LIST OF TABLES

Table 1: Global: Aerostat Systems Market: Key Industry Highlights, 2022 and 2028

Table 2: Global: Aerostat Systems Market Forecast: Breakup by Payload (in Million US\$), 2023-2028

Table 3: Global: Aerostat Systems Market Forecast: Breakup by Sub-System (in Million US\$), 2023-2028

Table 4: Global: Aerostat Systems Market Forecast: Breakup by Product Type (in Million US\$), 2023-2028

Table 5: Global: Aerostat Systems Market Forecast: Breakup by Propulsion System (in Million US\$), 2023-2028

Table 6: Global: Aerostat Systems Market Forecast: Breakup by Class (in Million US\$), 2023-2028

Table 7: Global: Aerostat Systems Market Forecast: Breakup by Region (in Million US\$), 2023-2028

Table 8: Global: Aerostat Systems Market Structure

Table 9: Global: Aerostat Systems Market: Key Players

## List Of Figures

### LIST OF FIGURES

- Figure 1: Global: Aerostat Systems Market: Major Drivers and Challenges
- Figure 2: Global: Aerostat Systems Market: Sales Value (in Billion US\$), 2017-2022
- Figure 3: Global: Aerostat Systems Market: Breakup by Payload (in %), 2022
- Figure 4: Global: Aerostat Systems Market: Breakup by Sub-System (in %), 2022
- Figure 5: Global: Aerostat Systems Market: Breakup by Product Type (in %), 2022
- Figure 6: Global: Aerostat Systems Market: Breakup by Propulsion System (in %), 2022
- Figure 7: Global: Aerostat Systems Market: Breakup by Class (in %), 2022
- Figure 8: Global: Aerostat Systems Market: Breakup by Region (in %), 2022
- Figure 9: Global: Aerostat Systems Industry: SWOT Analysis
- Figure 10: Global: Aerostat Systems Industry: Value Chain Analysis
- Figure 11: Global: Aerostat Systems Industry: Porter's Five Forces Analysis
- Figure 12: Global: Aerostat Systems Market Forecast: Sales Value (in Billion US\$), 2023-2028
- Figure 13: Global: Aerostat Systems (Surveillance Radar) Market: Sales Value (in Million US\$), 2017 & 2022
- Figure 14: Global: Aerostat Systems (Surveillance Radar) Market Forecast: Sales Value (in Million US\$), 2023-2028
- Figure 15: Global: Aerostat Systems (Inertial Navigation System) Market: Sales Value (in Million US\$), 2017 & 2022
- Figure 16: Global: Aerostat Systems (Inertial Navigation System) Market Forecast: Sales Value (in Million US\$), 2023-2028
- Figure 17: Global: Aerostat Systems (Thermal Imaging Camera) Market: Sales Value (in Million US\$), 2017 & 2022
- Figure 18: Global: Aerostat Systems (Thermal Imaging Camera) Market Forecast: Sales Value (in Million US\$), 2023-2028
- Figure 19: Global: Aerostat Systems (Electro-Optical Sensor) Market: Sales Value (in Million US\$), 2017 & 2022
- Figure 20: Global: Aerostat Systems (Electro-Optical Sensor) Market Forecast: Sales Value (in Million US\$), 2023-2028
- Figure 21: Global: Aerostat Systems (Electronic Intelligence) Market: Sales Value (in Million US\$), 2017 & 2022
- Figure 22: Global: Aerostat Systems (Electronic Intelligence) Market Forecast: Sales Value (in Million US\$), 2023-2028
- Figure 23: Global: Aerostat Systems (Communication Intelligence) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 24: Global: Aerostat Systems (Communication Intelligence) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 25: Global: Aerostat Systems (Aerostat) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 26: Global: Aerostat Systems (Aerostat) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 27: Global: Aerostat Systems (Ground Control Station) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 28: Global: Aerostat Systems (Ground Control Station) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 29: Global: Aerostat Systems (Payload) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 30: Global: Aerostat Systems (Payload) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 31: Global: Aerostat Systems (Balloon) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 32: Global: Aerostat Systems (Balloon) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 33: Global: Aerostat Systems (Airship) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 34: Global: Aerostat Systems (Airship) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 35: Global: Aerostat Systems (Hybrid) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 36: Global: Aerostat Systems (Hybrid) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 37: Global: Aerostat Systems (Powered) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 38: Global: Aerostat Systems (Powered) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 39: Global: Aerostat Systems (Unpowered) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 40: Global: Aerostat Systems (Unpowered) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 41: Global: Aerostat Systems (Compact-Sized) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 42: Global: Aerostat Systems (Compact-Sized) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 43: Global: Aerostat Systems (Mid-Sized) Market: Sales Value (in Million US\$),

2017 & 2022

Figure 44: Global: Aerostat Systems (Mid-Sized) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 45: Global: Aerostat Systems (Large-Sized) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 46: Global: Aerostat Systems (Large-Sized) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 47: North America: Aerostat Systems Market: Sales Value (in Million US\$), 2017 & 2022

Figure 48: North America: Aerostat Systems Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 49: Europe: Aerostat Systems Market: Sales Value (in Million US\$), 2017 & 2022

Figure 50: Europe: Aerostat Systems Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 51: Asia Pacific: Aerostat Systems Market: Sales Value (in Million US\$), 2017 & 2022

Figure 52: Asia Pacific: Aerostat Systems Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 53: Middle East and Africa: Aerostat Systems Market: Sales Value (in Million US\$), 2017 & 2022

Figure 54: Middle East and Africa: Aerostat Systems Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 55: Latin America: Aerostat Systems Market: Sales Value (in Million US\$), 2017 & 2022

Figure 56: Latin America: Aerostat Systems Market Forecast: Sales Value (in Million US\$), 2023-2028

## I would like to order

Product name: Aerostat Systems Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2023-2028

Product link: <https://marketpublishers.com/r/ABB02CDC97AEN.html>

Price: US\$ 2,499.00 (Single User License / Electronic Delivery)

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

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/ABB02CDC97AEN.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

