

Global Aerostat Systems Market Insights, Opportunity, Analysis, Market Shares And Forecast 2016 – 2022

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Abstracts

The global aerostats systems market is expected to reach \$11 billion by 2022 growing at 15% CAGR during 2016-2022. There is a significant rise in demand for aerostats systems for security and surveillance purpose, which is a major driver for the market. The aerostats systems are cost effective as they acquire low operational cost. Moreover, numerous advantages and versatile applications lead to increase demand from military and weather & communication sectors. Growth in demand from surveillance and homeland security sectors are also expected to create steady rise in demand for these systems on global scale.

However, market competition from alternative technologies such as airships is a major challenge for the market. However, due to the growing defence industries and increasing demand for environmental monitoring will create strong opportunity for the market. Some of the major players in the global Aerostat systems market are 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 and so on.

The report segments the global aerostats systems market on the basis of size, balloon type, payload, applications and geography. On the basis of balloon type the market is segmented into two types; spheroidal balloon and ellipsoidal balloon. Currently the market is dominated by ellipsoidal balloon type which is also growing at the highest CAGR during the forecasted period of 2016-2022.

On the basis of payload the market is segmented into electro-optics, communication intelligence, thermal imaging camera, electronic intelligence, surveillance radar, and

internal navigation system. Currently the market is dominated by communication intelligence contributing 30% of the market share. Emerging communication technologies are the major driver for the tremendous growth in communication intelligence market for aerostats. However, due to the increasing demand and requirements from the surveillance sector companies are more focusing on security and surveillance. This seems to be the major growth in the market during through 2021. The surveillance radar is the highest growing segment among pay loads during 2016-2022.

On the basis of applications the market is segmented into military, home guard security, commercial application, and environmental research. Currently the application market of aerostat systems is dominated by military applications. Aerostats systems are cost effective as compared to alternatives such as airships which lead to increased demand from the military sector. However, over the forecasted period it is estimated that the home guard security and environmental research sector will witness high demand. There has been a significant rise in demand for weather monitoring due to dynamic weather conditions. The environmental research is the fastest growing application segment growing at 17% CAGR during 2016-2022.

The regional paradigm of global aerostats market is dominated by the North America region, followed by Europe. The growing commercial applications of the aerostats systems in north America region is the major driver. Asia Pacific possess significant market opportunities over the forecasted period due to increasing investments in the security and surveillance sector and rising adoption trends in various application sectors. However, Middle East is expected to grow at the highest CAGR during the forecasted period.

Contents

1. INTRODUCTION

- 1.1 Executive Summary
- 1.2 Estimation methodology

2. MARKET OVERVIEW

- 2.1 Market definition and scope
- 2.2 Key findings
- 2.3 Parametric analysis
 - 2.3.1 Usage of aerostat systems in Security sector
 - 2.3.2 Usage of aerostat systems in climatic research
 - 2.3.3 Commercial usage of aerostat systems
- 2.4 Key market insights
 - 2.4.1 Top 3 emerging countries
 - 2.4.2 Top 3 revenue generating segments
 - 2.4.3 Market trends
 - 2.4.4 Winning strategy
 - 2.4.5 Innovation
- 2.5 R & D Scenario
- 2.6 Competitive intelligence
 - 2.6.1 Market share analysis
 - 2.6.2 Top winning strategies
 - 2.6.3 Case study ;top competitive moves
- 2.7 Value chain analysis
- 2.8 Key buying criteria
- 2.9 Strategic recommendation
- 2.10 Strategic conclusion

3. MARKET DETERMINANTS

- 3.1 Market drivers
 - 3.1.1 Increasing demands in sectors such as military and homeland security applications
 - 3.1.2 Versatility of applications
 - 3.1.3 Low operational cost
 - 3.1.4 Increasing surveillance demand

- 3.1.5 Increasing use in communication and climatic research
- 3.2 Market Restraints
 - 3.2.1 The available alternatives such as airships and unmanned aerial vehicles
 - 3.2.2 Problems in operations
 - 3.2.3 Rough weather challenges for long period of time
- 3.3 Market opportunities
 - 3.3.1 Deployment by the defense forces
 - 3.3.2 Development of next generation materials for aerostat system
 - 3.3.3 Use of aerostat systems in order to improve the intelligence, reconnaissance and surveillance capabilities
- 3.4 Market challenges
 - 3.4.1 Technical challenges
 - 3.4.2 Meeting demands of military environment

4. SECTOR ANALYSIS

- 4.1 Parent market analysis
- 4.2 Competitor market analysis
- 4.3 Alternative market analysis

5 MARKET SEGMENTATION

- 5.1 Global Aerostat systems market on the basis of size , 2014-2022(\$ millions)
 - 5.1.1 Global Aerostat systems market on the basis of Small aerostat systems, 2014-2022(\$ millions)
 - 5.1.2 Global Aerostat systems market on the basis of medium aerostat systems, 2014-2022(\$ millions)
 - 5.1.3 Global Aerostat systems market on the basis of large aerostat systems, 2014-2022(\$ millions)
- 5.2 Global Aerostat systems market on the basis of balloon type, 2014-2022(\$ millions)
 - 5.2.1 Global Aerostat systems market on the basis of aerostat spheroidal balloon , 2014-2022(\$ millions)
 - 5.2.2 Global Aerostat systems market on the basis of ellipsoidal balloon , 2014-2022(\$ millions)
- 5.3 Global Aerostat systems market on the basis of payload, 2014-2022(\$ millions)
 - 5.3.1 Global Aerostat systems market on the basis of Aerostat electro-optics , 2014-2022(\$ millions)
 - 5.3.2 Global Aerostat systems market on the basis of communication intelligence, 2014-2022(\$ millions)

5.3.3 Global Aerostat systems market on the basis of thermal imaging camera, 2014-2022(\$ millions)

5.3.4 Global Aerostat systems market on the basis of electronic intelligence, 2014-2022(\$ millions)

5.3.5 Global Aerostat systems market on the basis of surveillance radar, 2014-2022(\$ millions)

5.3.6 Global Aerostat systems market on the basis of internal navigation system, 2014-2022(\$ millions)

5.4 Global Aerostat systems market on the basis of application, 2014-2022(\$ millions)

5.4.1 Global Aerostat systems market on the basis of application in military, 2014-2022(\$ millions)

5.4.2 Global Aerostat systems market on the basis of application in home guard security , 2014-2022(\$ millions)

5.4.3 Global Aerostat systems market on the basis of commercial application, 2014-2022(\$ millions)

5.4.4 Global Aerostat systems market on the basis of application in environmental research , 2014-2022(\$ millions)

6. GEOGRAPHIC ANALYSIS

6.1 North America Aerostat systems market, 2014-2022,(\$ millions)

6.1.1 U.S Aerostat systems market,2014-2022,(\$millions)

6.1.2 Canada Aerostat systems market,2014 -2021,(\$millions)

6.2 Europe Aerostat systems market,2014 -2021,(\$millions)

6.2.1 U.K Aerostat systems market,2014 -2021,(\$millions)

6.2.2 Germany Aerostat systems market,2014 -2021,(\$millions)

6.2.3 France Aerostat systems market,2014 -2021,(\$millions)

6.2.4 Spain Aerostat systems market,2014 -2021,(\$millions)

6.2.5 Italy Aerostat systems market,2014 -2021,(\$millions)

6.2.6 others

6.3 Asia Pacific

6.3.1 China Aerostat systems market ,2014 -2021,(\$millions)

6.3.2 India Aerostat systems market,2014 -2021,(\$millions)

6.3.3 Korea Aerostat systems market ,2014 -2021,(\$millions)

6.3.4 Japan Aerostat systems market ,2014 -2021,(\$millions)

6.3.5 Australia Aerostat systems market ,2014 -2021,(\$millions)

6.3.6 Rest of APAC

6.4 Rest of the world

7. COMPANY PROFILING

- 7.1 Aerostar International, Inc
- 7.2 ILC Dover LP
- 7.3 Israel Aerospace Industries Ltd.
- 7.4 Lindstrand Technologies, Ltd
- 7.5 Lockheed Martin Corporation
- 7.6 RosAeroSystems, International Ltd.
- 7.7 RT Aerostat Systems, Inc.
- 7.8 TCOM L.P.
- 7.9 Worldwide Aeros Corporation
- 7.10 Raytheon Company
- 7.11 Rafael Advanced Defense Systems Ltd.
- 7.12 Raven industries
- 7.13 Augur Rosaerosystems
- 7.14 Near space systems Inc.
- 7.15 Aeroscraft corporation
- 7.16 TARS
- 7.17 Sky Centre
- 7.18 Henan equipment co. ltd.
- 7.19 World surveillance group
- 7.20 Spy flight

List of tables

1. Global Aerostat systems market on the basis of size analysis , 2014-2022(\$ millions)
2. Global Aerostat systems market on the basis of size analysis by geography, 2014-2022(\$ millions)
3. Global Aerostat systems market on the basis of Small aerostat systems by geography, 2014-2022(\$ millions)
4. Global Aerostat systems market on the basis of medium aerostat systems by geography, 2014-2022(\$ millions)
5. Global Aerostat systems market on the basis of large aerostat systems by geography, 2014-2022(\$ millions)
6. Global Aerostat systems market on the basis of balloon type, 2014-2022(\$ millions)
7. Global Aerostat systems market on the basis of balloon type by geography, 2014-2022(\$ millions)
8. Global Aerostat systems market on the basis of aerostat spheroidal balloon by geography , 2014-2022(\$ millions)
9. Global Aerostat systems market on the basis of ellipsoidal balloon by geography , 2014-2022(\$ millions)

10. Global Aerostat systems market on the basis payload of 2014-2022(\$ millions)
11. Global Aerostat systems market on the basis of payload by geography, 2014-2022(\$ millions)
12. Global Aerostat systems market on the basis of Aerostat electro-optics by geography , 2014-2022(\$ millions)
13. Global Aerostat systems market on the basis of communication intelligence by geography, 2014-2022(\$ millions)
14. Global Aerostat systems market on the basis of thermal imaging camera by geography, 2014-2022(\$ millions)
15. Global Aerostat systems market on the basis of electronic intelligence by geography, 2014-2022(\$ millions)
16. Global Aerostat systems market on the basis of surveillance radar by geography, 2014-2022(\$ millions)
17. Global Aerostat systems market on the basis of internal navigation system by geography, 2014-2022(\$ millions)
18. Global Aerostat systems market on the basis of application, 2014-2022(\$ millions)
19. Global Aerostat systems market on the basis of application by geography, 2014-2022(\$ millions)
20. Global Aerostat systems market on the basis of application in military by geography, 2014-2022(\$millions)
21. Global Aerostat systems market on the basis of application in home guard security by geography, 2014-2022(\$ millions)
22. Global Aerostat systems market on the basis of commercial application by geography, 2014-2022(\$ millions)
23. Global Aerostat systems market on the basis of application in environmental research by geography , 2014-2022(\$ millions)

List of figures

- 1 U.S Aerostat systems market,2014-2022,(\$millions)
- 2 Canada Aerostat systems market ,2014 -2021,(\$millions)
- 3 U.K Aerostat systems market,2014 -2021,(\$millions)
- 4 Germany Aerostat systems market,2014 -2021,(\$millions)
- 5 France Aerostat systems market ,2014 -2021,(\$millions)
- 6 Spain Aerostat systems market,2014 -2021,(\$millions)
- 7 Italy Aerostat systems market,2014 -2021,(\$millions)
- 8 China Aerostat systems market,2014 -2021,(\$millions)
- 9 India Aerostat systems market,2014 -2021,(\$millions)
- 10 Korea Aerostat systems market,2014 -2021,(\$millions)
- 11 Japan Aerostat systems market,2014 -2021,(\$millions)
- 12 Australia Aerostat systems market,2014 -2021,(\$millions)

- 13 Global Aerostat systems market on the basis of Small aerostat systems, 2014-2022(\$ millions)
- 14 Global Aerostat systems market on the basis of medium aerostat systems, 2014-2022(\$ millions)
- 15 Global Aerostat systems market on the basis of large aerostat systems, 2014-2022(\$ millions)
- 16 Global Aerostat systems market on the basis of aerostat spheroidal balloon , 2014-2022(\$ millions)
- 17 Global Aerostat systems market on the basis of ellipsoidal balloon , 2014-2022(\$ millions)
- 18 Global Aerostat systems market on the basis of Aerostat electro-optics , 2014-2022(\$ millions)
- 19 Global Aerostat systems market on the basis of communication intelligence, 2014-2022(\$ millions)
- 20 Global Aerostat systems market on the basis of thermal imaging camera, 2014-2022(\$ millions)
- 21 Global Aerostat systems market on the basis of electronic intelligence, 2014-2022(\$ millions)
- 22 Global Aerostat systems market on the basis of surveillance radar, 2014-2022(\$ millions)
- 23 Global Aerostat systems market on the basis of internal navigation system, 2014-2022(\$ millions)
- 24 Global Aerostat systems market on the basis of application in military, 2014-2022(\$ millions)
- 25 Global Aerostat systems market on the basis of application in home guard security , 2014-2022(\$ millions)
- 26 Global Aerostat systems market on the basis of commercial application, 2014-2022(\$ millions)
- 27 Global Aerostat systems market on the basis of application in environmental research , 2014-2022(\$ millions)

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