

NORTH AMERICA AEROSTATS SYSTEMS MARKET FORECAST 2018-2026

<https://marketpublishers.com/r/N737E836E56EN.html>

Date: January 2018

Pages: 95

Price: US\$ 1,250.00 (Single User License)

ID: N737E836E56EN

Abstracts

KEY FINDINGS

The North America aerostat market is predicted to exhibit a healthy increase from its 2017 revenue of \$2453 million. By the end of the forecast years of 2018-2026, the market is anticipated to rise with 15.13 % CAGR, generating a net total of \$8681 million.

MARKET INSIGHTS

The North America aerostat market is categorized on the basis of balloon type, application, payloads, and propulsion system. The scope of the aerostats system in the U.S is driven by their ability to provide thermal images and live broadcasting. Also, these systems are increasingly gaining acceptance from military organizations. The US government is spending huge amounts for the development of the aerostat systems. The Canadian market too has witnessed a rise in the adoption of aerostat systems. It is majorly driven by factors like increasing globalization and economic liberalization, rapid technological advancements, and growing concerns related to safety and security that are increasing the need for surveillance systems in the regions.

COMPETITIVE INSIGHTS

Major market players like Raytheon Company, Hybrid Air Vehicles, Lockheed Martin Corporation, Aerostar International Inc, Worldwide Aeros Corporation, World Surveillance Group Inc., Harris Corporation, Skyship Services Inc, Raven Industries Inc, Aeroscraft Corporation, etc. are increasingly competing in this market.

Contents

1. RESEARCH SCOPE

- 1.1. STUDY GOALS
- 1.2. SCOPE OF THE MARKET STUDY
- 1.3. WHO WILL FIND THIS REPORT USEFUL?
- 1.4. STUDY AND FORECASTING YEARS

2. RESEARCH METHODOLOGY

- 2.1. SOURCES OF DATA
 - 2.1.1. SECONDARY DATA
 - 2.1.2. PRIMARY DATA
- 2.2. TOP DOWN APPROACH
- 2.3. BOTTOM-UP APPROACH
- 2.4. DATA TRIANGULATION
- 2.5. ESTIMATION METHODOLOGY

3. EXECUTIVE SUMMARY

- 3.1. MARKET SUMMARY
- 3.2. SWOT ANALYSIS OF MILITARY STRATEGY
 - 3.2.1. USA
 - 3.2.2. CANADA
 - 3.2.3. BRAZIL
 - 3.2.4. MEXICO

4. MARKET DETERMINANTS

- 4.1. MARKET DEFINITION
- 4.2. DRIVERS
 - 4.2.1. LONGER SURVEILLANCE RANGE AEROSTATS TO PROVIDE PERSISTENT SURVEILLANCE FOR A LONGER DURATION
 - 4.2.1.1. LAND SURVEILLANCE
 - 4.2.1.2. MARITIME SURVEILLANCE
 - 4.2.2. REQUIREMENTS FOR ACCURATE GEOSPATIAL INFORMATION
 - 4.2.3. LOW COST OF OPERATION AND MAINTENANCE
 - 4.2.4. GROWTH IN THE C4SIR MARKET

4.2.5. DIVERSE APPLICATION OF MARITIME, COMMUNICATION AND CLIMATE MONITORING

4.3. RESTRAINTS

4.3.1. PAYLOAD RELATED RESTRICTIONS

4.3.2. LIMITATIONS PERTAINING TO OPERATIONAL ALTITUDE

4.4. OPPORTUNITIES

4.4.1. DEVELOPMENT OF NEXT GENERATION MATERIAL AND TECHNOLOGIES

4.4.1.1. THE HULL

4.4.1.2. THE BALLONET

4.4.2. USE OF AEROSTATS IN COORDINATING MISSILE DEFENSE

4.5. CHALLENGES

4.5.1. VULNERABILITY TO ADVERSE WEATHER CONDITIONS

4.5.2. COMPETITION FROM RELATED TECHNOLOGIES SUCH AS DRONES AND UAVS

5. C4ISR MARKET IN THE AMERICA (NORTH AND LATIN AMERICA)

5.1. COUNTRY ANALYSIS

5.1.1. UNITED STATES

5.1.2. BRAZIL

6. MARKET BY BALLOON TYPE

6.1. SPHEROIDAL BALLOON

6.2. ELLIPSOIDAL BALLOON

7. MARKET BY PAYLOAD

7.1. AEROSTAT ELECTRO-OPTICS

7.2. COMMUNICATION INTELLIGENCE

7.3. THERMAL IMAGING CAMERA

7.4. ELECTRONIC INTELLIGENCE

7.5. SURVEILLANCE RADAR

7.6. INTERNAL NAVIGATION SYSTEM

8. MARKET BY APPLICATION

8.1. MILITARY

8.2. HOME GUARD SECURITY

8.3. COMMERCIAL APPLICATION

8.4. ENVIRONMENTAL RESEARCH

9. MARKET BY PROPULSION SYSTEM

9.1. POWERED AEROSTAT

9.2. UNPOWERED AEROSTAT

10. KEY ANALYTICS

10.1. PORTER'S 5 FORCE ANALYSIS

10.1.1. THREAT OF NEW ENTRANTS

10.1.2. THREAT OF SUBSTITUTE PRODUCTS

10.1.3. BARGAINING POWER OF BUYERS

10.1.4. BARGAINING POWER OF SUPPLIERS

10.1.5. INTENSITY OF COMPETITIVE RIVALRY

10.2. VENDOR LANDSCAPE

10.3. PESTEL ANALYSIS

10.3.1. POLITICAL FACTORS

10.3.2. ENVIRONMENTAL FACTORS

10.3.3. SOCIAL FACTORS

10.3.4. TECHNOLOGICAL FACTORS

10.3.5. ECONOMIC FACTORS

10.3.6. LEGAL FACTORS

10.4. OPPORTUNITY MATRIX

10.5. FUTURE TRENDS

10.5.1. SOLAR POWERED TETHERED AEROSTAT SYSTEM

10.5.2. DEMAND OF PERSISTENT THREAT DETECTION SYSTEM (PTDS)

AEROSTATS

10.5.3. ELECTRONIC WARFARE

11. GEOGRAPHICAL ANALYSIS

11.1. U.S

11.2. CANADA

12. COMPANY PROFILE

12.1. AEROSTAR INTERNATIONAL, INC.

- 12.1.1. COMPANY OVERVIEW
- 12.1.2. SCOT ANALYSIS
- 12.1.3. PRODUCT PORTFOLIO
- 12.2. ILC DOVER LP
 - 12.2.1. COMPANY OVERVIEW
 - 12.2.2. SCOT ANALYSIS
 - 12.2.3. PRODUCT PORTFOLIO
 - 12.2.4. STRATEGIC INITIATIVES
- 12.3. ISRAEL AEROSPACE INDUSTRIES LTD.
 - 12.3.1. COMPANY OVERVIEW
 - 12.3.2. SCOT ANALYSIS
 - 12.3.3. PRODUCT PORTFOLIO
 - 12.3.4. STRATEGIC INITIATIVES
- 12.4. LINDSTRAND TECHNOLOGIES, LTD
 - 12.4.1. COMPANY OVERVIEW
 - 12.4.2. SCOT ANALYSIS
 - 12.4.3. PRODUCT PORTFOLIO
 - 12.4.4. STRATEGIC INITIATIVES
- 12.5. LOCKHEED MARTIN CORPORATION
 - 12.5.1. COMPANY OVERVIEW
 - 12.5.2. SCOT ANALYSIS
 - 12.5.3. PRODUCT PORTFOLIO
 - 12.5.4. STRATEGIC INITIATIVES
- 12.6. ROSAEROSYSTEMS, INTERNATIONAL LTD.
 - 12.6.1. COMPANY OVERVIEW
 - 12.6.2. SCOT ANALYSIS
 - 12.6.3. PRODUCT PORTFOLIO
- 12.7. RT AEROSTAT SYSTEMS, INC.
 - 12.7.1. COMPANY OVERVIEW
 - 12.7.2. SCOT ANALYSIS
 - 12.7.3. PRODUCT PORTFOLIO
- 12.8. TCOM L.P.
 - 12.8.1. COMPANY OVERVIEW
 - 12.8.2. SCOT ANALYSIS
 - 12.8.3. PRODUCT PORTFOLIO
 - 12.8.4. STRATEGIC INITIATIVES
- 12.9. WORLDWIDE AEROS CORPORATION
 - 12.9.1. COMPANY OVERVIEW
 - 12.9.2. SCOT ANALYSIS

- 12.9.3. PRODUCT PORTFOLIO
- 12.9.4. STRATEGIC INITIATIVES
- 12.10. RAYTHEON COMPANY
 - 12.10.1 COMPANY OVERVIEW
 - 12.10.2 SCOT ANALYSIS
 - 12.10.3 PRODUCT PORTFOLIO
 - 12.10.4 STRATEGIC INITIATIVES
- 12.11. RAFAEL ADVANCED DEFENSE SYSTEMS, LTD.
 - 12.11.1 OVERVIEW
 - 12.11.2 PRODUCT PORTFOLIO
 - 12.11.3 SCOT ANALYSIS
 - 12.11.4 STRATEGIC INITIATIVES
- 12.12. RAVEN INDUSTRIES, INC.
 - 12.12.1 COMPANY OVERVIEW
 - 12.12.2 SCOT ANALYSIS
 - 12.12.3 PRODUCT BENCHMARKING
 - 12.12.4 STRATEGIC INITIATIVES
- 12.13. AUGUR ROSAEROSYSTEMS
 - 12.13.1 COMPANY OVERVIEW
 - 12.13.2 SCOT ANALYSIS
 - 12.13.3 PRODUCT BENCHMARKING
 - 12.13.4 STRATEGIC INITIATIVES
- 12.14. NEAR SPACE SYSTEMS INC.
 - 12.14.1 COMPANY OVERVIEW
 - 12.14.2 SCOT ANALYSIS
 - 12.14.3 PRODUCT BENCHMARKING
- 12.15. AEROSCRAFT CORPORATION
 - 12.15.1 COMPANY OVERVIEW
 - 12.15.2 SCOT ANALYSIS
 - 12.15.3 PRODUCT BENCHMARKING
 - 12.15.4 STRATEGIC INITIATIVES
- 12.16. WORLD SURVEILLANCE GROUP, INC.
 - 12.16.1 COMPANY OVERVIEW
 - 12.16.2 SCOT ANALYSIS
 - 12.16.3 PRODUCT BENCHMARKING
- 12.17. HARRIS CORPORATION
 - 12.17.1 COMPANY OVERVIEW
 - 12.17.2 SCOT ANALYSIS
 - 12.17.3 PRODUCT BENCHMARKING

- 12.17.4 STRATEGIC INITIATIVES
- 12.18. SKYSHIP SERVICES, INC.
 - 12.18.1 COMPANY OVERVIEW
 - 12.18.2 SCOT ANALYSIS
 - 12.18.3 PRODUCT BENCHMARKING
 - 12.18.4 STRATEGIC INITIATIVES
- 12.19. AIRBORNE INDUSTRIES LIMITED
 - 12.19.1 COMPANY OVERVIEW
 - 12.19.2 SCOT ANALYSIS
 - 12.19.3 PRODUCT BENCHMARKING
- 12.20. HYBRID AIR VEHICLES
 - 12.20.1 COMPANY OVERVIEW
 - 12.20.2 SCOT ANALYSIS
 - 12.20.3 PRODUCT BENCHMARKING
 - 12.20.4 STRATEGIC INITIATIVES

TABLE LIST

- TABLE #1 NORTH AMERICA AEROSTATS SYSTEMS MARKET BY COUNTRY
2018-2026 (\$ MILLION)
- TABLE #2 HIGH ALTITUDE LIGHTER THAN AIR MATERIAL DESIGN
CONSIDERATIONS
- TABLE #3 COMPARISON OF HIGH-PERFORMANCE FIBRES SOURCE:
ARC.AIAA.ORG
- TABLE #4 COMPARISON OF BALLONET POLYMERIC MATERIAL
- TABLE #5 NORTH AMERICA AEROSTAT SYSTEMS MARKET ON THE BASIS OF
BALLOON TYPE 2018-2026 (\$ MILLION)
- TABLE #6 NORTH AMERICA AEROSTAT SYSTEMS MARKET ON THE BASIS OF
PAYLOAD 2018-2026 (\$ MILLION)
- TABLE #7 NORTH AMERICA AEROSTAT SYSTEMS MARKET ON THE BASIS OF
APPLICATION 2018-2026 (\$ MILLION)
- TABLE #8 NORTH AMERICA AEROSTAT SYSTEMS MARKET ON THE BASIS OF
PROPULSION SYSTEM 2018-2026 (\$ MILLION)
- TABLE #9 SOLAR PANEL DATA COMPARISON
- TABLE #10 NORTH AMERICA AEROSTAT SYSTEMS MARKET BY COUNTRY
2018-2026 (\$ MILLION)

FIGURE LIST

FIGURE #1 NORTH AMERICA AEROSTAT SYSTEMS MARKET BY PAYLOAD
2018-2026 (\$ MILLION)

FIGURE #2 NORTH AMERICA C4ISR MARKET 2018-2026 (\$ MILLION)

FIGURE #3 C4ISR MARKET IN THE AMERICAS (USD BILLIONS)

FIGURE #4 NORTH AMERICA AEROSTAT SYSTEMS MARKET ON THE BASIS OF
SPHEROIDAL BALLOON 2018-2026 (\$ MILLION)

FIGURE #5 NORTH AMERICA AEROSTAT SYSTEMS MARKET ON THE BASIS OF
ELLIPSOIDAL BALLOON 2018-2026(\$ MILLIONS)

FIGURE #6 NORTH AMERICA AEROSTAT SYSTEMS MARKET ON THE BASIS OF
AEROSTAT ELECTRO-OPTICS 2018-2026 (\$ MILLION)

FIGURE #7 NORTH AMERICA AEROSTAT SYSTEMS MARKET ON THE BASIS OF
COMMUNICATION INTELLIGENCE 2018-2026(\$ MILLION)

FIGURE #8 PRICE SCENARIO OF THERMAL IMAGING CAMERAS (\$)

FIGURE #9 NORTH AMERICA AEROSTAT SYSTEMS MARKET ON THE BASIS OF
THERMAL IMAGING CAMERA 2018-2026 (\$ MILLION)

FIGURE #10 NORTH AMERICA AEROSTAT SYSTEMS MARKET ON THE BASIS OF
ELECTRONIC INTELLIGENCE 2018-2026(\$ MILLION)

FIGURE #11 RDT &E FUNDING FOR RADAR PROGRAMS IN THE U.S. 2016 & 2017
(\$ MILLION)

FIGURE #12 NORTH AMERICA AEROSTAT SYSTEMS MARKET ON THE BASIS OF
SURVEILLANCE RADAR 2018-2026(\$ MILLION)

FIGURE #13 NORTH AMERICA AEROSTAT SYSTEMS MARKET ON THE BASIS OF
INTERNAL NAVIGATION SYSTEM 2018-2026(\$ MILLION)

FIGURE #14 NORTH AMERICA AEROSTAT SYSTEMS MARKET ON THE BASIS OF
APPLICATION IN MILITARY 2018-2026 (\$ MILLION)

FIGURE #15 NORTH AMERICA AEROSTAT SYSTEMS MARKET ON THE BASIS OF
APPLICATION IN HOME GUARD SECURITY 2018-2026 (\$ MILLION)

FIGURE #16 NORTH AMERICA AEROSTAT SYSTEMS MARKET ON THE BASIS OF
COMMERCIAL APPLICATION 2018-2026 (\$ MILLION)

FIGURE #17 NORTH AMERICA AEROSTAT SYSTEMS MARKET ON THE BASIS OF
APPLICATION IN ENVIRONMENTAL RESEARCH 2018-2026 (\$ MILLION)

FIGURE #18 NORTH AMERICA AEROSTAT SYSTEMS MARKET ON THE BASIS OF
PROPULSION SYSTEM IN POWERED AEROSTAT 2018-2026 (\$ MILLION)

FIGURE #19 NORTH AMERICA AEROSTAT SYSTEMS MARKET ON THE BASIS OF
PROPULSION SYSTEM IN UNPOWERED AEROSTAT 2018-2026 (\$ MILLION)

FIGURE #20 NORTH AMERICA MARKET SHARE BY REGION 2017

FIGURE #21 VIDEO SURVEILLANCE MARKET SIZE IN NORTH AMERICA 2013-2015
(\$ BILLION)

FIGURE #22 COMPARISON OF WORLD AND US MILITARY EXPENDITURE 2015 (\$

BILLION)

FIGURE #23 VIDEO SURVEILLANCE EQUIPMENT MARKET SIZE IN US 2009-2014
(\$ BILLION)

FIGURE #24 U.S AEROSTAT SYSTEMS MARKET 2018-2026 (\$ MILLION)

FIGURE #25 CANADA AEROSTAT SYSTEMS MARKET 2018-2026 (\$ MILLION)

COMPANIES MENTIONED

1. AEROSTAR INTERNATIONAL, INC.
2. ILC DOVER LP
3. ISRAEL AEROSPACE INDUSTRIES LTD.
4. LINDSTRAND TECHNOLOGIES, LTD
5. LOCKHEED MARTIN CORPORATION
6. ROSAEROSYSTEMS, INTERNATIONAL LTD.
7. RT AEROSTAT SYSTEMS, INC.
8. TCOM L.P.
9. WORLDWIDE AEROS CORPORATION
10. RAYTHEON COMPANY
11. RAFAEL ADVANCED DEFENSE SYSTEMS, LTD.
12. RAVEN INDUSTRIES, INC.
13. AUGUR ROSAEROSYSTEMS
14. NEAR SPACE SYSTEMS INC.
15. AEROSCRAFT CORPORATION
16. WORLD SURVEILLANCE GROUP, INC.
17. HARRIS CORPORATION
18. SKYSHIP SERVICES, INC.
19. AIRBORNE INDUSTRIES LIMITED
20. HYBRID AIR VEHICLES

I would like to order

Product name: NORTH AMERICA AEROSTATS SYSTEMS MARKET FORECAST 2018-2026

Product link: <https://marketpublishers.com/r/N737E836E56EN.html>

Price: US\$ 1,250.00 (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/N737E836E56EN.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