

Aircraft Health Monitoring System Market by Type (Commercial and Defense), Aircraft Type (Wide-body Aircraft, Narrow Body Aircraft, and Regional Jets), and Fit (Retro-fit and Line-fit) - Global Opportunity and Forecasts, 2017-2023

<https://marketpublishers.com/r/AED5CDA79D8EN.html>

Date: June 2017

Pages: 120

Price: US\$ 4,999.00 (Single User License)

ID: AED5CDA79D8EN

Abstracts

Aircraft health monitoring system (AHMS) is a system of hardware and software that comprises sensors and other highly interconnected processing elements that determine the remote monitoring of airplane data to understand its current or future serviceability and performance. These systems are also known as aircraft condition monitoring systems (ACMS). AHMS closely relates to the maintenance, repair, and overhaul (MRO) segment in an airline industry.

Implementation of AHMS enables reduction in maintenance & operational costs and improves overall safety of an aircraft. The global aircraft health monitoring system market was valued at \$926 million in 2016, and is projected to reach \$1,489 million by 2023, growing at a CAGR of 7.4% from 2017 to 2023.

The growth of the aircraft health monitoring system market is driven by increase in demand for real-time fault management, rise in need for custom alerting & analysis solutions, and high demand for performance monitoring. In addition, increase in aerospace IT spending among emerging nations and technological advancements for workflow optimization fuel the demand for advanced analytical systems, thus boosting the market growth. However, dearth of trained professionals is expected to impede this growth in the near future. In addition, increased application areas for aircraft integrated vehicle health management (IVHM) are expected to create lucrative opportunities for aircraft health monitoring system market growth.

The global aircraft health monitoring system market is segmented based on type, aircraft type, fit, and geography. The type segment is categorized into commercial and defense. Based on aircraft type, the market is divided into wide-body aircraft, narrow

body aircraft, and regional jets. On the basis of fit, it is categorized into retro-fit and line-fit. Geographically, the aircraft health monitoring system market is analyzed across North America, Europe, Asia-Pacific, and LAMEA.

Key players that operate in the aircraft health monitoring system market are Honeywell International Inc., Rockwell Collins Inc., Boeing Company, Ultra Electronics Holdings PLC, RSL Electronics Ltd., United Technologies Corporation, General Electric Company, Meggitt PLC, Rolls-Royce PLC., and Airbus Group.

KEY BENEFITS FOR STAKEHOLDERS

This report provides an overview of the trends, structure, drivers, challenges, and opportunities in the global aircraft health monitoring system market.

Porter's Five Forces analysis highlights the potential of buyers & suppliers, and provides insights on the competitive structure of the market to determine the investment pockets.

Current and future trends adopted by the key market players are highlighted to determine overall competitiveness.

The quantitative analysis of the aircraft health monitoring system market growth from 2017 to 2023 is provided to elaborate the market potential.

KEY MARKET SEGMENTS

By Type

Commercial

Defense

By Aircraft Type

Wide-body Aircraft

Narrow Body Aircraft

Regional Jet

By Fit

Line-fit

Retro-fit

By Geography

North America

U.S.

Canada

Mexico

Europe

UK

France

Germany

Rest of Europe

Asia-Pacific

China

Japan

India

South Korea

Rest of Asia-Pacific

LAMEA

Latin America

Middle East

Africa

Key players profiled in the report

Honeywell International Inc.

Rockwell Collins Inc.

Boeing Company

Ultra Electronics Holdings PLC

RSL Electronics Ltd.

United Technologies Corporation

General Electric Company

Meggitt PLC

Rolls-Royce PLC

Airbus Group

Contents

CHAPTER 1 INTRODUCTION

- 1.1. REPORT DESCRIPTION
- 1.2. KEY BENEFITS
- 1.3. KEY MARKET SEGMENTS
- 1.4. KEY MARKET SEGMENTATION
- 1.5. RESEARCH METHODOLOGY
 - 1.5.1. Secondary research
 - 1.5.2. Primary research
 - 1.5.3. Analyst tools and models

CHAPTER 2 EXECUTIVE SUMMARY

- 2.1. CXO PERSPECTIVE

CHAPTER 3 MARKET OVERVIEW

- 3.1. MARKET DEFINITION AND SCOPE
- 3.2. KEY FINDINGS
 - 3.2.1. Top impacting factors
 - 3.2.2. Top investment pockets
 - 3.2.3. Top winning strategies
- 3.3. PORTERS FIVE FORCES ANALYSIS
 - 3.3.1. Moderate-to-low bargaining power of suppliers
 - 3.3.2. Moderate-to-low bargaining power of buyers
 - 3.3.3. Moderate-to-high threat of substitutes
 - 3.3.4. High threat of new entrants
 - 3.3.5. Moderate-to-high competitive rivalry
- 3.4. KEY PLAYER POSITIONING, 2016 (%)
- 3.5. MARKET DYNAMICS
 - 3.5.1. Drivers
 - 3.5.2. Restraints
 - 3.5.3. Opportunity

CHAPTER 4 AIRCRAFT HEALTH MONITORING SYSTEM MARKET BY TYPE

- 4.1. OVERVIEW

Aircraft Health Monitoring System Market by Type (Commercial and Defense), Aircraft Type (Wide-body Aircraft,...

4.2. COMMERCIAL

- 4.2.1. Key Market Trends
- 4.2.2. Key growth factors and opportunities
- 4.2.3. Market size and forecast (\$Million)

4.3. DEFENCE

- 4.3.1. Key Market Trends
- 4.3.2. Key growth factors and opportunities
- 4.3.3. Market size and forecast (\$Million)

CHAPTER 5 AIRCRAFT HEALTH MONITORING SYSTEM MARKET BY AIRCRAFT TYPE

5.1. OVERVIEW

5.2. WIDE-BODY AIRCRAFT

- 5.2.1. Key Market Trends
- 5.2.2. Key growth factors and opportunities
- 5.2.3. Market size and forecast (\$Million)

5.3. NARROW-BODY AIRCRAFT

- 5.3.1. Key Market Trends
- 5.3.2. Key growth factors and opportunities
- 5.3.3. Market size and forecast (\$Million)

5.4. REGIONAL JETS

- 5.4.1. Key Market Trends
- 5.4.2. Key growth factors and opportunities
- 5.4.3. Market size and forecast (\$Million)

CHAPTER 6 AIRCRAFT HEALTH MONITORING SYSTEM MARKET BY FIT

6.1. OVERVIEW

6.2. LINE-FIT

- 6.2.1. Key Market Trends
- 6.2.2. Key growth factors and opportunities
- 6.2.3. Market size and forecast (\$Million)

6.3. RETRO-FIT

- 6.3.1. Key Market Trends
- 6.3.2. Key growth factors and opportunities
- 6.3.3. Market size and forecast (\$Million)

CHAPTER 7 AIRCRAFT HEALTH MONITORING SYSTEM MARKET BY REGION

7.1. OVERVIEW

7.2. NORTH AMERICA

7.2.1. Key market trends

7.2.2. Key growth factors and opportunities

7.2.3. Market size and forecast (\$Million)

7.2.3.1. U.S.

7.2.3.2. Canada

7.2.3.3. Mexico

7.3. EUROPE

7.3.1. Key market trends

7.3.2. Key growth factors and opportunities

7.3.3. Market size and forecast (\$Million)

7.3.3.1. UK

7.3.3.2. Germany

7.3.3.3. France

7.3.3.4. Rest of Europe

7.4. ASIA-PACIFIC

7.4.1. Key market trends

7.4.2. Key growth factors and opportunities

7.4.3. Market size and forecast (\$Million)

7.4.3.1. China

7.4.3.2. India

7.4.3.3. Japan

7.4.3.4. South Korea

7.4.3.5. Rest of Asia-Pacific

7.5. LATIN AMERICA, THE MIDDLE EAST, AND AFRICA (LAMEA)

7.5.1. Key market trends

7.5.2. Key growth factors and opportunities

7.5.3. Market size and forecast (\$Million)

7.5.3.1. Latin America

7.5.3.2. Middle East

7.5.3.3. Africa

CHAPTER 8 COMPANY PROFILES

8.1. HONEYWELL INTERNATIONAL INC.

8.1.1. Company Overview

8.1.2. Financial performance

- 8.1.3. Key strategies & developments
- 8.2. ROCKWELL COLLINS INC.
 - 8.2.1. Company Overview
 - 8.2.2. Financial performance
 - 8.2.3. Key strategies & developments
- 8.3. BOEING COMPANY
 - 8.3.1. Company Overview
 - 8.3.2. Financial performance
 - 8.3.3. Key strategies & developments
- 8.4. ULTRA ELECTRONICS HOLDINGS PLC
 - 8.4.1. Company Overview
 - 8.4.2. Financial performance
 - 8.4.3. Key strategies & developments
- 8.5. RSL ELECTRONICS LTD.
 - 8.5.1. Company Overview
 - 8.5.2. Financial performance
 - 8.5.3. Key strategies & developments
- 8.6. UNITED TECHNOLOGIES CORPORATION
 - 8.6.1. Company Overview
 - 8.6.2. Financial performance
 - 8.6.3. Key strategies & developments
- 8.7. GENERAL ELECTRIC COMPANY
 - 8.7.1. Company Overview
 - 8.7.2. Financial performance
 - 8.7.3. Key strategies & developments
- 8.8. MEGGITT PLC
 - 8.8.1. Company Overview
 - 8.8.2. Financial performance
 - 8.8.3. Key strategies & developments
- 8.9. ROLLS-ROYCE PLC
 - 8.9.1. Company Overview
 - 8.9.2. Financial performance
 - 8.9.3. Key strategies & developments
- 8.10. AIRBUS GROUP
 - 8.10.1. Company Overview
 - 8.10.2. Financial performance
 - 8.10.3. Key strategies & developments

List Of Tables

LIST OF TABLES

TABLE 1. AIRCRAFT HEALTH MONITORING SYSTEM MARKET REVENUE, BY REGION, 2016-2023 (\$MILLION)

TABLE 2. GLOBAL AIRCRAFT HEALTH MONITORING SYSTEMS MARKET REVENUE, BY TYPE, 2016-2023 (\$MILLION)

TABLE 3. COMMERCIAL AIRCRAFT HEALTH MONITORING SYSTEM MARKET REVENUE, BY REGION, 2016-2023 (\$MILLION)

TABLE 4. DEFENCE AIRCRAFT HEALTH MONITORING SYSTEM MARKET REVENUE, BY REGION, 2016-2023 (\$MILLION)

TABLE 5. GLOBAL AIRCRAFT HEALTH MONITORING SYSTEMS MARKET REVENUE, BY AIRCRAFT TYPE, 2016-2023 (\$MILLION)

TABLE 6. WIDE-BODY AIRCRAFT HEALTH MONITORING SYSTEM MARKET REVENUE, BY REGION, 2016-2023 (\$MILLION)

TABLE 7. NARROW-BODY AIRCRAFT HEALTH MONITORING SYSTEM MARKET REVENUE, BY REGION, 2016-2023 (\$MILLION)

TABLE 8. REGIONAL JETS AIRCRAFT HEALTH MONITORING SYSTEM MARKET REVENUE, BY REGION, 2016-2023 (\$MILLION)

TABLE 9. GLOBAL AIRCRAFT HEALTH MONITORING SYSTEMS MARKET REVENUE, BY FIT, 2016-2023 (\$MILLION)

TABLE 10. LINE-FIT AIRCRAFT HEALTH MONITORING SYSTEM MARKET REVENUE, BY REGION, 2016-2023 (\$MILLION)

TABLE 11. RETRO-FIT AIRCRAFT HEALTH MONITORING SYSTEM MARKET REVENUE, BY REGION, 2016-2023 (\$MILLION)

TABLE 12. GLOBAL AIRCRAFT HEALTH MONITORING SYSTEM MARKET REVENUE, BY REGION, 2016-2023 (\$MILLION)

TABLE 13. NORTH AMERICAN AIRCRAFT HEALTH MONITORING SYSTEM MARKET REVENUE, BY COUNTRY, 2016-2023 (\$MILLION)

TABLE 14. EUROPE AIRCRAFT HEALTH MONITORING SYSTEM MARKET REVENUE, BY COUNTRY, 2016-2023 (\$MILLION)

TABLE 15. ASIA-PACIFIC AIRCRAFT HEALTH MONITORING SYSTEM MARKET REVENUE, BY COUNTRY, 2016-2023 (\$MILLION)

TABLE 16. LAMEA AIRCRAFT HEALTH MONITORING SYSTEM MARKET REVENUE, BY REGION, 2016-2023 (\$MILLION)

TABLE 17. COMPANY SNAPSHOT: HONEYWELL INTERNATIONAL INC.

TABLE 18. COMPANY SNAPSHOT: ROCKWELL COLLINS INC.

TABLE 19. COMPANY SNAPSHOT: BOEING COMPANY

TABLE 20. COMPANY SNAPSHOT: ULTRA ELECTRONICS HOLDINGS PLC

TABLE 21. COMPANY SNAPSHOT: RSL ELECTRONICS LTD.

TABLE 22. COMPANY SNAPSHOT: UNITED TECHNOLOGIES CORPORATION

TABLE 23. COMPANY SNAPSHOT: GENERAL ELECTRIC COMPANY

TABLE 24. COMPANY SNAPSHOT: MEGGITT PLC

TABLE 25. COMPANY SNAPSHOT: ROLLS-ROYCE PLC

TABLE 26. COMPANY SNAPSHOT: AIRBUS GROUP

List Of Figures

LIST OF FIGURES

FIGURE 1. KEY MARKET SEGMENTATION

FIGURE 2. OVERVIEW OF THE OPPORTUNITIES IN THE GLOBAL AIRCRAFT HEALTH MONITORING SYSTEM MARKET

FIGURE 3. TOP IMPACTING FACTORS

FIGURE 4. TOP INVESTMENT POCKETS IN THE GLOBAL AIRCRAFT HEALTH MONITORING SYSTEM MARKET

FIGURE 5. TOP WINNING STRATEGIES

FIGURE 6. TOP WINNING STRATEGY

FIGURE 7. BARGAINING POWER OF SUPPLIERS

FIGURE 8. BARGAINING POWER OF BUYERS

FIGURE 9. THREAT OF SUBSTITUTES

FIGURE 10. THREAT OF NEW ENTRANTS

FIGURE 11. COMPETITIVE RIVALRY

FIGURE 12. KEY PLAYER POSITIONING OF GLOBAL AIRCRAFT HEALTH MONITORING SYSTEM MARKET, 2016 (%)

FIGURE 13. MARKET DYNAMICS

FIGURE 14. GLOBAL AIRCRAFT HEALTH MONITORING SYSTEM MARKET, BY TYPE

FIGURE 15. GLOBAL AIRCRAFT HEALTH MONITORING SYSTEM MARKET, BY TYPE, 2016-2023

FIGURE 16. GLOBAL AIRCRAFT HEALTH MONITORING SYSTEMS MARKET, BY AIRCRAFT TYPE

FIGURE 17. GLOBAL AIRCRAFT HEALTH MONITORING SYSTEMS MARKET, BY AIRCRAFT TYPE, 2016-2023

FIGURE 18. GLOBAL AIRCRAFT HEALTH MONITORING SYSTEM MARKET, BY FIT

FIGURE 19. GLOBAL AIRCRAFT HEALTH MONITORING SYSTEM MARKET, BY FIT, 2016-2023

FIGURE 20. GLOBAL AIRCRAFT HEALTH MONITORING SYSTEM MARKET, BY REGION

FIGURE 21. NORTH AMERICAN AIRCRAFT HEALTH MONITORING SYSTEM MARKET

FIGURE 22. U.S. AIRCRAFT HEALTH MONITORING SYSTEM MARKET, 2016-2023 (\$MILLION)

FIGURE 23. CANADA AIRCRAFT HEALTH MONITORING SYSTEM MARKET, 2016-2023 (\$MILLION)

FIGURE 24. MEXICO AIRCRAFT HEALTH MONITORING SYSTEM MARKET, 2016-2023(\$MILLION)

FIGURE 25. EUROPE AIRCRAFT HEALTH MONITORING SYSTEM MARKET

FIGURE 26. UK AIRCRAFT HEALTH MONITORING SYSTEM MARKET, 2016-2023 (\$MILLION)

FIGURE 27. GERMANY AIRCRAFT HEALTH MONITORING SYSTEM MARKET, 2016-2023 (\$MILLION)

FIGURE 28. FRANCE AIRCRAFT HEALTH MONITORING SYSTEM MARKET, 2016-2023 (\$MILLION)

FIGURE 29. REST OF EUROPE AIRCRAFT HEALTH MONITORING SYSTEM MARKET, 2016-2023 (\$MILLION)

FIGURE 30. ASIA-PACIFIC AIRCRAFT HEALTH MONITORING SYSTEM MARKET

FIGURE 31. CHINA AIRCRAFT HEALTH MONITORING SYSTEM MARKET, 2016-2023 (\$MILLION)

FIGURE 32. INDIA AIRCRAFT HEALTH MONITORING SYSTEM MARKET, 2016-2023 (\$MILLION)

FIGURE 33. JAPAN AIRCRAFT HEALTH MONITORING SYSTEM MARKET, 2016-2023 (\$MILLION)

FIGURE 34. SOUTH KOREA AIRCRAFT HEALTH MONITORING SYSTEM MARKET, 2016-2023 (\$MILLION)

FIGURE 35. REST OF ASIA-PACIFIC AIRCRAFT HEALTH MONITORING SYSTEM MARKET, 2016-2023 (\$MILLION)

FIGURE 36. LAMEA AIRCRAFT HEALTH MONITORING SYSTEM MARKET

FIGURE 37. LATIN AMERICA AIRCRAFT HEALTH MONITORING SYSTEM MARKET, 2016-2023 (\$MILLION)

FIGURE 38. MIDDLE EAST AIRCRAFT HEALTH MONITORING SYSTEM MARKET, 2016-2023 (\$MILLION)

FIGURE 39. AFRICA AIRCRAFT HEALTH MONITORING SYSTEM MARKET, 2016-2023 (\$MILLION)

FIGURE 40. FINANCIAL PERFORMANCE: HONEYWELL INTERNATIONAL INC.

FIGURE 41. FINANCIAL PERFORMANCE: ROCKWELL COLLINS INC.

FIGURE 42. FINANCIAL PERFORMANCE: BOEING COMPANY

FIGURE 43. FINANCIAL PERFORMANCE: ULTRA ELECTRONICS HOLDINGS PLC

FIGURE 44. FINANCIAL PERFORMANCE: RSL ELECTRONICS LTD.

FIGURE 45. FINANCIAL PERFORMANCE: UNITED TECHNOLOGIES CORPORATION

FIGURE 46. FINANCIAL PERFORMANCE: GENERAL ELECTRIC COMPANY

FIGURE 47. FINANCIAL PERFORMANCE: MEGGITT PLC

FIGURE 48. FINANCIAL PERFORMANCE: ROLLS-ROYCE PLC

FIGURE 49. FINANCIAL PERFORMANCE: AIRBUS GROUP

I would like to order

Product name: Aircraft Health Monitoring System Market by Type (Commercial and Defense), Aircraft Type (Wide-body Aircraft, Narrow Body Aircraft, and Regional Jets), and Fit (Retro-fit and Line-fit) - Global Opportunity and Forecasts, 2017-2023

Product link: <https://marketpublishers.com/r/AED5CDA79D8EN.html>

Price: US\$ 4,999.00 (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/AED5CDA79D8EN.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