

# **Aircraft Health Monitoring System Market Report by Component (Hardware, Software, Services), Subsystem (Aero-Propulsion, Avionics, Ancillary Systems, Aircraft Structures, and Others), End-User (Commercial, Military), Installation (Onboard, On Ground), Fit (Linefit, Retrofit), Operation Time (Real-Time, Non-Real-Time), Operation Type (Detection, Diagnostics, Condition-Based Maintenance and Adaptive Control, and Others), and Region 2024-2032**

<https://marketpublishers.com/r/A349F27340AAEN.html>

Date: January 2024

Pages: 139

Price: US\$ 3,899.00 (Single User License)

ID: A349F27340AAEN

## **Abstracts**

The global aircraft health monitoring system market size reached US\$ 4.5 Billion in 2023. Looking forward, IMARC Group expects the market to reach US\$ 7.7 Billion by 2032, exhibiting a growth rate (CAGR) of 6% during 2024-2032. The increasing focus on enhancing aviation safety, recent advancements in sensor technology and data analytics, rapid escalation in air traffic and fleet sizes, and proliferation of autonomous and unmanned aerial vehicles (UAVs) are some of the major factors propelling the market.

The aircraft health monitoring system (AHMS) refers to a critical part of modern aviation designed to enhance safety and operational efficiency. It is an integrated system that uses sensors, data acquisition modules, and data processing units to continuously monitor the structural integrity and overall performance of an aircraft. AHMS is widely used for real-time fault detection, fuel consumption optimization, predictive maintenance, corrosion detection, load monitoring, engine health monitoring, avionics system checks, and thermal stress assessment. It aids in reducing maintenance costs, increasing aircraft availability, enhancing safety, enabling efficient resource allocation,

and minimizing unscheduled maintenance.

The proliferation of autonomous and unmanned aerial vehicles (UAVs) is facilitating system adoption for monitoring and operational safety, especially when human intervention is limited. Additionally, the increasing utilization of advanced materials like composites in aircraft construction, which requires sophisticated monitoring to assess structural integrity, is propelling the market growth. Besides this, the growing prevalence of the Internet of Things (IoT), which enables seamless data collection and transmission, making it easier to integrate AHMS with other systems for a comprehensive overview of aircraft health, is contributing to the market growth. Furthermore, the escalating competition among airlines, which is encouraging the adoption of systems that provide a competitive edge, such as AHMS, is catalyzing the market growth. Apart from this, the rapid globalization of the airline industry, leading to the international standardization of safety norms and operational procedures, is acting as another growth-inducing factor.

#### Aircraft Health Monitoring System Market Trends/Drivers:

The increasing focus on enhancing aviation safety

The escalating emphasis on enhancing aviation safety is one of the most prominent factors driving the aircraft health monitoring system (AHMS) market. Safety has become a paramount concern for aviation authorities, aircraft manufacturers, and airline operators owing to the global rise in air travel. Furthermore, regulatory bodies are setting increasingly stringent safety standards and guidelines that necessitate the adoption of advanced health monitoring systems. These guidelines mandate regular and rigorous checks to assess the airworthiness of an aircraft, further accentuating the need for real-time, accurate monitoring systems like AHMS. Moreover, incidents related to aircraft safety can have disastrous consequences, not only in terms of human lives but also in reputational damage and financial liabilities for airlines and manufacturers. AHMS, through its various types and components, offers capabilities for real-time diagnosis and predictive maintenance, helping to avert catastrophic failures.

The recent advancements in sensor technology and data analytics

The rapid advancement in sensor technology and data analytics is a prominent factor driving the market growth. Sensors have become more precise, durable, and cost-effective, allowing for comprehensive monitoring of various aircraft systems, including engines, wings, landing gear, and even cabin environments. These advancements permit the collection of a broader range of data points, from vibration frequencies to

thermal patterns, thereby enriching the analysis process. Furthermore, modern sensors are more resilient to harsh conditions like extreme temperatures and pressures, further boosting their adoption in AHMS setups. In addition to sensor technology, advancements in data analytics are playing a vital role in the market growth. The evolution of data analytics tools allows AHMS to process massive volumes of real-time data swiftly to detect irregularities, predict possible malfunctions, and recommend proactive maintenance actions.

The rapid escalation in air traffic and fleet sizes

The escalation in global air traffic and increasing fleet sizes are also crucial drivers for the AHMS market. Airlines are expanding their operations to cater to the growing demand for air travel, which, in turn, is facilitating the need for efficient fleet management solutions. Aircraft are significant capital investments, and extending their operational life is a key focus for operators. AHMS is uniquely positioned to aid in this aspect by continuously monitoring the health of various aircraft components and systems, thus helping to extend their lifecycle. Furthermore, the real-time monitoring capabilities of AHMS provide airlines with immediate insights into aircraft performance, reducing downtime due to unscheduled maintenance. Moreover, it allows airlines to increase aircraft availability and better manage tight flight schedules, which is a crucial factor given the high operating costs and low profit margins commonly associated with the aviation industry.

Aircraft Health Monitoring System Industry Segmentation:

IMARC Group provides an analysis of the key trends in each segment of the global aircraft health monitoring system market report, along with forecasts at the global, regional and country levels from 2024-2032. Our report has categorized the market based on component, subsystem, end-user, installation, fit, operation time and operation type.

Breakup by Component:

- Hardware
- Software
- Services

Hardware dominates the market

The report has provided a detailed breakup and analysis of the market based on the

component. This includes hardware, software, and services. According to the report, hardware represented the largest segment.

Hardware is dominating the market as it forms the foundational layer upon which AHMS operates, encompassing critical elements like sensors, data acquisition units, and communication modules. These components are essential for gathering and transmitting the raw data that software algorithms later analyze. Furthermore, hardware in AHMS is often specialized to withstand conditions, such as high temperatures, vibrations, and pressures commonly experienced in aviation environments. The durability of hardware naturally elevates its importance and market share in the AHMS component segment. Moreover, the periodic need for replacement and upgrading of hardware due to wear and tear or technological advancements is catalyzing the market growth.

Breakup by Subsystem:

- Aero-Propulsion
- Avionics
- Ancillary Systems
- Aircraft Structures
- Others

Aero-propulsion hold the largest share in the market

A detailed breakup and analysis of the market based on subsystem has also been provided in the report. This includes aero-propulsion, avionics, ancillary systems, aircraft structures, and others. According to the report, aero-propulsion represented the largest segment.

Aero-propulsion is dominating the market as it is responsible for generating the thrust required for flight. Any malfunction within this subsystem can lead to catastrophic consequences, making continuous monitoring critical for ensuring flight safety. Furthermore, aviation authorities and operators place immense importance on real-time health checks of propulsion systems, which, in turn, is boosting the market growth. Additionally, the aero-propulsion system is one of the most complicated and expensive components of an aircraft. Regular monitoring via AHMS allows for predictive maintenance, reducing the likelihood of unscheduled, costly repairs, and elongating the life of the system.

## Breakup by End-User:

Commercial  
Military

Commercial holds the largest share in the market

A detailed breakup and analysis of the market based on end user has also been provided in the report. This includes commercial and military. According to the report, commercial accounted for the largest market share.

The commercial is dominating the market owing to the sheer volume of air traffic in the commercial sector, which substantially outnumbers that of other segments like military or cargo. Furthermore, the rapid proliferation of commercial flights due to the rise of low-cost carriers is facilitating the demand for systems that can ensure aircraft safety and operational efficiency. Additionally, commercial airlines operate in a fiercely competitive market where cost optimization is crucial for survival. AHMS significantly reduces operational and maintenance costs by enabling predictive maintenance, which aids in reducing downtime and the costs associated with emergency repairs or grounding of aircraft.

## Breakup by Installation:

Onboard  
On Ground

On ground holds the largest share in the market

A detailed breakup and analysis of the market based on installation has also been provided in the report. This includes onboard and on ground. According to the report, on ground accounted for the largest market share.

On-ground systems offer the advantage of more robust computational capabilities as they are not constrained by the space and weight limitations inherent in onboard systems. It allows for more extensive data analysis, including the use of complex algorithms that may be impractical to run on aircraft-based systems. Furthermore, a ground-based AHMS facilitates seamless integration with existing maintenance, repair, and overhaul (MRO) procedures. It enables technicians to access real-time data quickly and efficiently, making it easier to diagnose issues and plan maintenance activities

more effectively. Moreover, the ground-based infrastructure can be more easily upgraded or expanded to accommodate additional data streams and analytical requirements. This flexibility makes it a cost-effective choice for many operators.

#### Breakup by Fit:

Linefit

Retrofit

Retrofit holds the largest share in the market

A detailed breakup and analysis of the market based on fit has also been provided in the report. This includes linefit and retrofit. According to the report, retrofit accounted for the largest market share.

Retrofit is dominating the market growth as a large portion of the existing global aircraft fleet consists of older models that were not originally equipped with advanced health monitoring systems. Retrofitting these aircraft with modern AHMS allows airlines to enhance safety and operational efficiency without the massive investment involved in purchasing new aircraft. Additionally, it allows airlines to comply with increasingly stringent regulations set by aviation authorities concerning safety and emissions. Moreover, retrofit solutions are often modular, allowing airlines to choose the components that are most relevant to their specific operational needs. It permits phased implementation, spreading the cost over time and allowing for future upgrades, thus making it financially feasible for operators, including low-cost carriers.

#### Breakup by Operation Time:

Real-Time

Non-Real-Time

Non-real-time holds the largest share in the market

A detailed breakup and analysis of the market based on operation time has also been provided in the report. This includes real-time and non-real-time. According to the report, non-real-time accounted for the largest market share.

Non-real-time operations have historically been the standard in aviation maintenance, resulting in a widespread infrastructure already in place. Many airlines are hesitant to

immediately transition to real-time systems due to the significant investment required for both hardware and training. Furthermore, non-real-time AHMS allows for more comprehensive and detailed analysis as data can be collected over extended periods and scrutinized thoroughly. Besides this, they are generally more cost-effective to implement and maintain, as they do not require the same level of connectivity and data processing capabilities as real-time systems, leading to lower operational costs.

#### Breakup by Operation Type:

- Detection
- Diagnostics
- Condition-Based Maintenance and Adaptive Control
- Others

Detection holds the largest share in the market

A detailed breakup and analysis of the market based on operation type has also been provided in the report. This includes detection, diagnostics, condition-based maintenance and adaptive control, and others. According to the report, detection accounted for the largest market share.

Detection systems in AHMS are essential for compliance with stringent aviation regulations. Regulatory agencies often mandate real-time monitoring and fault detection as part of their airworthiness criteria. Airlines, therefore, invest in sophisticated detection systems not only to maintain compliance but also to avoid costly penalties or groundings that could result from regulatory violations. Furthermore, advanced detection systems contribute to operational efficiency by pinpointing issues in real time, reducing downtime, and maximizing aircraft utilization. It is particularly crucial for commercial airlines operating on thin margins, where extended downtime can significantly impact profitability.

#### Breakup by Region:

- North America
  - United States
  - Canada
- Asia Pacific
  - China
  - Japan



India  
South Korea  
Australia  
Indonesia  
Others  
Europe  
Germany  
France  
United Kingdom  
Italy  
Spain  
Russia  
Others  
Latin America  
Brazil  
Mexico  
Others  
Middle East and Africa

Asia Pacific exhibits a clear dominance, accounting for the largest aircraft health monitoring system market share

The market research report has also provided a comprehensive analysis of all the major regional markets, which include North America (the United States 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. According to the report, Asia Pacific accounted for the largest market share.

Asia Pacific is experiencing an unprecedented surge in both domestic and international air travel, driven by increasing urbanization, economic growth, and a burgeoning middle class with disposable income. Furthermore, the region hosts some of the busiest airports in the world, necessitating high levels of efficiency and safety. The high volume of air traffic places a significant burden on existing aviation infrastructure and aircraft, increasing the need for sophisticated monitoring systems like AHMS to maintain optimal safety standards and operational efficiency. Besides this, the regional governments are investing heavily in upgrading existing platforms and acquiring new aircraft, all of which are increasingly equipped with advanced health monitoring systems. Additionally, the region is witnessing significant collaboration between governments, research



institutions, and private companies for the development and adoption of AHMS technologies.

#### Competitive Landscape:

Top companies are developing more advanced and efficient health monitoring systems by incorporating new algorithms, sensor technologies, and predictive analytics tools. Additionally, they are engaging in strategic collaborations with airlines, aircraft manufacturers, and technology firms to facilitate the integration of AHMS into existing aircraft infrastructure. Besides this, leading firms are expanding their global footprint to tap into emerging markets by establishing facilities in countries with fast-growing aviation sectors. Moreover, they are offering tailored products to meet the specific requirements of different types of aircraft, including commercial jets, military aircraft, and drones. In addition, companies are developing AHMS solutions that not only enhance safety but also contribute to fuel efficiency and emissions reductions. Along with this, they are working closely with authorities to ensure that their products meet all the safety and operational guidelines set forth by aviation authorities.

The report has provided a comprehensive analysis of the competitive landscape in the market. Detailed profiles of all major companies have also been provided. Some of the key players in the market include:

Airbus SE

Curtiss-Wright Corporation

FLYHT Aerospace Solutions Ltd.

GE Engine Services LLC (General Electric Company)

Honeywell Aerospace

Meggitt Plc

Rolls-Royce Plc

Safran

SITA N.V.

The Boeing Company

#### Recent Developments:

In November 2021, Middle East Airlines (MEA) became the 50th customer to use Airbus's Skywise Health Monitoring (SHM) tool.

In July 2022, Curtiss-Wright Corporation was awarded a contract by Airbus to provide custom actuation technology. This technology offers improved reliability over legacy systems and incorporates health monitoring functions.

In June 2023, GE Engine Services LLC (General Electric Company) was selected by Korea Aerospace Industries (KAI) to supply health and usage monitoring systems

(HUMS).

### Key Questions Answered in This Report

1. What was the size of the global aircraft health monitoring system market in 2023?
2. What is the expected growth rate of the global aircraft health monitoring system market during 2024-2032?
3. What are the key factors driving the global aircraft health monitoring system market?
4. What has been the impact of COVID-19 on the global aircraft health monitoring system market?
5. What is the breakup of the global aircraft health monitoring system market based on the component?
6. What is the breakup of the global aircraft health monitoring system market based on the end subsystem?
7. What is the breakup of the global aircraft health monitoring system market based on the end user?
8. What is the breakup of the global aircraft health monitoring system market based on the installation?
9. What is the breakup of the global aircraft health monitoring system market based on fit?
10. What is the breakup of the global aircraft health monitoring system market based on the operation time?
11. What is the breakup of the global aircraft health monitoring system market based on the operation type?
12. What are the key regions in the global aircraft health monitoring system market?
13. Who are the key players/companies in the global aircraft health monitoring system 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 AIRCRAFT HEALTH MONITORING SYSTEM MARKET

- 5.1 Market Overview
- 5.2 Market Performance
- 5.3 Impact of COVID-19
- 5.4 Market Forecast

### 6 MARKET BREAKUP BY COMPONENT

- 6.1 Hardware
  - 6.1.1 Market Trends
  - 6.1.2 Market Forecast
- 6.2 Software
  - 6.2.1 Market Trends

- 6.2.2 Market Forecast
- 6.3 Services
  - 6.3.1 Market Trends
  - 6.3.2 Market Forecast

## **7 MARKET BREAKUP BY SUBSYSTEM**

- 7.1 Aero-Propulsion
  - 7.1.1 Market Trends
  - 7.1.2 Market Forecast
- 7.2 Avionics
  - 7.2.1 Market Trends
  - 7.2.2 Market Forecast
- 7.3 Ancillary Systems
  - 7.3.1 Market Trends
  - 7.3.2 Market Forecast
- 7.4 Aircraft Structures
  - 7.4.1 Market Trends
  - 7.4.2 Market Forecast
- 7.5 Others
  - 7.5.1 Market Trends
  - 7.5.2 Market Forecast

## **8 MARKET BREAKUP BY END-USER**

- 8.1 Commercial
  - 8.1.1 Market Trends
  - 8.1.2 Market Forecast
- 8.2 Military
  - 8.2.1 Market Trends
  - 8.2.2 Market Forecast

## **9 MARKET BREAKUP BY INSTALLATION**

- 9.1 Onboard
  - 9.1.1 Market Trends
  - 9.1.2 Market Forecast
- 9.2 On Ground
  - 9.2.1 Market Trends

9.2.2 Market Forecast

## **10 MARKET BREAKUP BY FIT**

10.1 Linefit

10.1.1 Market Trends

10.1.2 Market Forecast

10.2 Retrofit

10.2.1 Market Trends

10.2.2 Market Forecast

## **11 MARKET BREAKUP BY OPERATION TIME**

11.1 Real-Time

11.1.1 Market Trends

11.1.2 Market Forecast

11.2 Non-Real-Time

11.2.1 Market Trends

11.2.2 Market Forecast

## **12 MARKET BREAKUP BY OPERATION TYPE**

12.1 Detection

12.1.1 Market Trends

12.1.2 Market Forecast

12.2 Diagnostics

12.2.1 Market Trends

12.2.2 Market Forecast

12.3 Condition-Based Maintenance and Adaptive Control

12.3.1 Market Trends

12.3.2 Market Forecast

12.4 Others

12.4.1 Market Trends

12.4.2 Market Forecast

## **13 MARKET BREAKUP BY REGION**

13.1 North America

13.1.1 United States

- 13.1.1.1 Market Trends
- 13.1.1.2 Market Forecast
- 13.1.2 Canada
  - 13.1.2.1 Market Trends
  - 13.1.2.2 Market Forecast
- 13.2 Asia Pacific
  - 13.2.1 China
    - 13.2.1.1 Market Trends
    - 13.2.1.2 Market Forecast
  - 13.2.2 Japan
    - 13.2.2.1 Market Trends
    - 13.2.2.2 Market Forecast
  - 13.2.3 India
    - 13.2.3.1 Market Trends
    - 13.2.3.2 Market Forecast
  - 13.2.4 South Korea
    - 13.2.4.1 Market Trends
    - 13.2.4.2 Market Forecast
  - 13.2.5 Australia
    - 13.2.5.1 Market Trends
    - 13.2.5.2 Market Forecast
  - 13.2.6 Indonesia
    - 13.2.6.1 Market Trends
    - 13.2.6.2 Market Forecast
  - 13.2.7 Others
    - 13.2.7.1 Market Trends
    - 13.2.7.2 Market Forecast
- 13.3 Europe
  - 13.3.1 Germany
    - 13.3.1.1 Market Trends
    - 13.3.1.2 Market Forecast
  - 13.3.2 France
    - 13.3.2.1 Market Trends
    - 13.3.2.2 Market Forecast
  - 13.3.3 United Kingdom
    - 13.3.3.1 Market Trends
    - 13.3.3.2 Market Forecast
  - 13.3.4 Italy
    - 13.3.4.1 Market Trends

- 13.3.4.2 Market Forecast
- 13.3.5 Spain
  - 13.3.5.1 Market Trends
  - 13.3.5.2 Market Forecast
- 13.3.6 Russia
  - 13.3.6.1 Market Trends
  - 13.3.6.2 Market Forecast
- 13.3.7 Others
  - 13.3.7.1 Market Trends
  - 13.3.7.2 Market Forecast
- 13.4 Latin America
  - 13.4.1 Brazil
    - 13.4.1.1 Market Trends
    - 13.4.1.2 Market Forecast
  - 13.4.2 Mexico
    - 13.4.2.1 Market Trends
    - 13.4.2.2 Market Forecast
  - 13.4.3 Others
    - 13.4.3.1 Market Trends
    - 13.4.3.2 Market Forecast
- 13.5 Middle East and Africa
  - 13.5.1 Market Trends
  - 13.5.2 Market Breakup by Country
  - 13.5.3 Market Forecast

## **14 SWOT ANALYSIS**

- 14.1 Overview
- 14.2 Strengths
- 14.3 Weaknesses
- 14.4 Opportunities
- 14.5 Threats

## **15 VALUE CHAIN ANALYSIS**

## **16 PORTERS FIVE FORCES ANALYSIS**

- 16.1 Overview



- 16.2 Bargaining Power of Buyers
- 16.3 Bargaining Power of Suppliers
- 16.4 Degree of Competition
- 16.5 Threat of New Entrants
- 16.6 Threat of Substitutes

## **17 COMPETITIVE LANDSCAPE**

- 17.1 Market Structure
- 17.2 Key Players
- 17.3 Profiles of Key Players
  - 17.3.1 Airbus SE
    - 17.3.1.1 Company Overview
    - 17.3.1.2 Product Portfolio
    - 17.3.1.3 Financials
    - 17.3.1.4 SWOT Analysis
  - 17.3.2 Curtiss-Wright Corporation
    - 17.3.2.1 Company Overview
    - 17.3.2.2 Product Portfolio
    - 17.3.2.3 Financials
    - 17.3.2.4 SWOT Analysis
  - 17.3.3 FLYHT Aerospace Solutions Ltd.
    - 17.3.3.1 Company Overview
    - 17.3.3.2 Product Portfolio
    - 17.3.3.3 Financials
  - 17.3.4 GE Engine Services LLC (General Electric Company)
    - 17.3.4.1 Company Overview
    - 17.3.4.2 Product Portfolio
  - 17.3.5 Honeywell Aerospace
    - 17.3.5.1 Company Overview
    - 17.3.5.2 Product Portfolio
    - 17.3.5.3 Financials
    - 17.3.5.4 SWOT Analysis
  - 17.3.6 Meggitt PLC
    - 17.3.6.1 Company Overview
    - 17.3.6.2 Product Portfolio
    - 17.3.6.3 Financials
    - 17.3.6.4 SWOT Analysis
  - 17.3.7 Rolls-Royce Plc

- 17.3.7.1 Company Overview
- 17.3.7.2 Product Portfolio
- 17.3.7.3 Financials
- 17.3.8 Safran
  - 17.3.8.1 Company Overview
  - 17.3.8.2 Product Portfolio
  - 17.3.8.3 Financials
- 17.3.9 SITA N.V.
  - 17.3.9.1 Company Overview
  - 17.3.9.2 Product Portfolio
  - 17.3.9.3 Financials
- 17.3.10 The Boeing Company
  - 17.3.10.1 Company Overview
  - 17.3.10.2 Product Portfolio
  - 17.3.10.3 Financials
  - 17.3.10.4 SWOT Analysis

## List Of Tables

### LIST OF TABLES

Table 1: Global: Aircraft Health Monitoring System Market: Key Industry Highlights, 2023 and 2032

Table 2: Global: Aircraft Health Monitoring System Market Forecast: Breakup by Component (in Million US\$), 2024-2032

Table 3: Global: Aircraft Health Monitoring System Market Forecast: Breakup by Subsystem (in Million US\$), 2024-2032

Table 4: Global: Aircraft Health Monitoring System Market Forecast: Breakup by End-User (in Million US\$), 2024-2032

Table 5: Global: Aircraft Health Monitoring System Market Forecast: Breakup by Installation (in Million US\$), 2024-2032

Table 6: Global: Aircraft Health Monitoring System Market Forecast: Breakup by Fit (in Million US\$), 2024-2032

Table 7: Global: Aircraft Health Monitoring System Market Forecast: Breakup by Operation Time (in Million US\$), 2024-2032

Table 8: Global: Aircraft Health Monitoring System Market Forecast: Breakup by Operation Type (in Million US\$), 2024-2032

Table 9: Global: Aircraft Health Monitoring System Market Forecast: Breakup by Region (in Million US\$), 2024-2032

Table 10: Global: Aircraft Health Monitoring System Market Structure

Table 11: Global: Aircraft Health Monitoring System Market: Key Players

## List Of Figures

### LIST OF FIGURES

Figure 1: Global: Aircraft Health Monitoring System Market: Major Drivers and Challenges

Figure 2: Global: Aircraft Health Monitoring System Market: Sales Value (in Billion US\$), 2018-2023

Figure 3: Global: Aircraft Health Monitoring System Market: Breakup by Component (in %), 2023

Figure 4: Global: Aircraft Health Monitoring System Market: Breakup by Subsystem (in %), 2023

Figure 5: Global: Aircraft Health Monitoring System Market: Breakup by End-User (in %), 2023

Figure 6: Global: Aircraft Health Monitoring System Market: Breakup by Installation (in %), 2023

Figure 7: Global: Aircraft Health Monitoring System Market: Breakup by Fit (in %), 2023

Figure 8: Global: Aircraft Health Monitoring System Market: Breakup by Operation Time (in %), 2023

Figure 9: Global: Aircraft Health Monitoring System Market: Breakup by Operation Type (in %), 2023

Figure 10: Global: Aircraft Health Monitoring System Market: Breakup by Region (in %), 2023

Figure 11: Global: Aircraft Health Monitoring System Market Forecast: Sales Value (in Billion US\$), 2024-2032

Figure 12: Global: Aircraft Health Monitoring System (Hardware) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 13: Global: Aircraft Health Monitoring System (Hardware) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 14: Global: Aircraft Health Monitoring System (Software) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 15: Global: Aircraft Health Monitoring System (Software) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 16: Global: Aircraft Health Monitoring System (Services) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 17: Global: Aircraft Health Monitoring System (Services) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 18: Global: Aircraft Health Monitoring System (Aero-Propulsion) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 19: Global: Aircraft Health Monitoring System (Aero-Propulsion) Market  
Forecast: Sales Value (in Million US\$), 2024-2032

Figure 20: Global: Aircraft Health Monitoring System (Avionics) Market: Sales Value (in  
Million US\$), 2018 & 2023

Figure 21: Global: Aircraft Health Monitoring System (Avionics) Market Forecast: Sales  
Value (in Million US\$), 2024-2032

Figure 22: Global: Aircraft Health Monitoring System (Ancillary Systems) Market: Sales  
Value (in Million US\$), 2018 & 2023

Figure 23: Global: Aircraft Health Monitoring System (Ancillary Systems) Market  
Forecast: Sales Value (in Million US\$), 2024-2032

Figure 24: Global: Aircraft Health Monitoring System (Aircraft Structures) Market: Sales  
Value (in Million US\$), 2018 & 2023

Figure 25: Global: Aircraft Health Monitoring System (Aircraft Structures) Market  
Forecast: Sales Value (in Million US\$), 2024-2032

Figure 26: Global: Aircraft Health Monitoring System (Other Subsystems) Market: Sales  
Value (in Million US\$), 2018 & 2023

Figure 27: Global: Aircraft Health Monitoring System (Other Subsystems) Market  
Forecast: Sales Value (in Million US\$), 2024-2032

Figure 28: Global: Aircraft Health Monitoring System (Commercial) Market: Sales Value  
(in Million US\$), 2018 & 2023

Figure 29: Global: Aircraft Health Monitoring System (Commercial) Market Forecast:  
Sales Value (in Million US\$), 2024-2032

Figure 30: Global: Aircraft Health Monitoring System (Military) Market: Sales Value (in  
Million US\$), 2018 & 2023

Figure 31: Global: Aircraft Health Monitoring System (Military) Market Forecast: Sales  
Value (in Million US\$), 2024-2032

Figure 32: Global: Aircraft Health Monitoring System (Onboard) Market: Sales Value (in  
Million US\$), 2018 & 2023

Figure 33: Global: Aircraft Health Monitoring System (Onboard) Market Forecast: Sales  
Value (in Million US\$), 2024-2032

Figure 34: Global: Aircraft Health Monitoring System (On Ground) Market: Sales Value  
(in Million US\$), 2018 & 2023

Figure 35: Global: Aircraft Health Monitoring System (On Ground) Market Forecast:  
Sales Value (in Million US\$), 2024-2032

Figure 36: Global: Aircraft Health Monitoring System (Linefit) Market: Sales Value (in  
Million US\$), 2018 & 2023

Figure 37: Global: Aircraft Health Monitoring System (Linefit) Market Forecast: Sales  
Value (in Million US\$), 2024-2032

Figure 38: Global: Aircraft Health Monitoring System (Retrofit) Market: Sales Value (in

Million US\$), 2018 & 2023

Figure 39: Global: Aircraft Health Monitoring System (Retrofit) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 40: Global: Aircraft Health Monitoring System (Real-Time) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 41: Global: Aircraft Health Monitoring System (Real-Time) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 42: Global: Aircraft Health Monitoring System (Non-Real-Time) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 43: Global: Aircraft Health Monitoring System (Non-Real-Time) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 44: Global: Aircraft Health Monitoring System (Detection) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 45: Global: Aircraft Health Monitoring System (Detection) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 46: Global: Aircraft Health Monitoring System (Diagnostics) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 47: Global: Aircraft Health Monitoring System (Diagnostics) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 48: Global: Aircraft Health Monitoring System (Condition-Based Maintenance and Adaptive Control) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 49: Global: Aircraft Health Monitoring System (Condition-Based Maintenance and Adaptive Control) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 50: Global: Aircraft Health Monitoring System (Other Operation Types) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 51: Global: Aircraft Health Monitoring System (Other Operation Types) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 52: North America: Aircraft Health Monitoring System Market: Sales Value (in Million US\$), 2018 & 2023

Figure 53: North America: Aircraft Health Monitoring System Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 54: United States: Aircraft Health Monitoring System Market: Sales Value (in Million US\$), 2018 & 2023

Figure 55: United States: Aircraft Health Monitoring System Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 56: Canada: Aircraft Health Monitoring System Market: Sales Value (in Million US\$), 2018 & 2023

Figure 57: Canada: Aircraft Health Monitoring System Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 58: Asia Pacific: Aircraft Health Monitoring System Market: Sales Value (in Million US\$), 2018 & 2023

Figure 59: Asia Pacific: Aircraft Health Monitoring System Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 60: China: Aircraft Health Monitoring System Market: Sales Value (in Million US\$), 2018 & 2023

Figure 61: China: Aircraft Health Monitoring System Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 62: Japan: Aircraft Health Monitoring System Market: Sales Value (in Million US\$), 2018 & 2023

Figure 63: Japan: Aircraft Health Monitoring System Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 64: India: Aircraft Health Monitoring System Market: Sales Value (in Million US\$), 2018 & 2023

Figure 65: India: Aircraft Health Monitoring System Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 66: South Korea: Aircraft Health Monitoring System Market: Sales Value (in Million US\$), 2018 & 2023

Figure 67: South Korea: Aircraft Health Monitoring System Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 68: Australia: Aircraft Health Monitoring System Market: Sales Value (in Million US\$), 2018 & 2023

Figure 69: Australia: Aircraft Health Monitoring System Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 70: Indonesia: Aircraft Health Monitoring System Market: Sales Value (in Million US\$), 2018 & 2023

Figure 71: Indonesia: Aircraft Health Monitoring System Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 72: Others: Aircraft Health Monitoring System Market: Sales Value (in Million US\$), 2018 & 2023

Figure 73: Others: Aircraft Health Monitoring System Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 74: Europe: Aircraft Health Monitoring System Market: Sales Value (in Million US\$), 2018 & 2023

Figure 75: Europe: Aircraft Health Monitoring System Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 76: Germany: Aircraft Health Monitoring System Market: Sales Value (in Million US\$), 2018 & 2023

Figure 77: Germany: Aircraft Health Monitoring System Market Forecast: Sales Value



(in Million US\$), 2024-2032

Figure 78: France: Aircraft Health Monitoring System Market: Sales Value (in Million US\$), 2018 & 2023

Figure 79: France: Aircraft Health Monitoring System Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 80: United Kingdom: Aircraft Health Monitoring System Market: Sales Value (in Million US\$), 2018 & 2023

Figure 81: United Kingdom: Aircraft Health Monitoring System Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 82: Italy: Aircraft Health Monitoring System Market: Sales Value (in Million US\$), 2018 & 2023

Figure 83: Italy: Aircraft Health Monitoring System Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 84: Spain: Aircraft Health Monitoring System Market: Sales Value (in Million US\$), 2018 & 2023

Figure 85: Spain: Aircraft Health Monitoring System Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 86: Russia: Aircraft Health Monitoring System Market: Sales Value (in Million US\$), 2018 & 2023

Figure 87: Russia: Aircraft Health Monitoring System Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 88: Others: Aircraft Health Monitoring System Market: Sales Value (in Million US\$), 2018 & 2023

Figure 89: Others: Aircraft Health Monitoring System Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 90: Latin America: Aircraft Health Monitoring System Market: Sales Value (in Million US\$), 2018 & 2023

Figure 91: Latin America: Aircraft Health Monitoring System Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 92: Brazil: Aircraft Health Monitoring System Market: Sales Value (in Million US\$), 2018 & 2023

Figure 93: Brazil: Aircraft Health Monitoring System Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 94: Mexico: Aircraft Health Monitoring System Market: Sales Value (in Million US\$), 2018 & 2023

Figure 95: Mexico: Aircraft Health Monitoring System Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 96: Others: Aircraft Health Monitoring System Market: Sales Value (in Million US\$), 2018 & 2023

Figure 97: Others: Aircraft Health Monitoring System Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 98: Middle East and Africa: Aircraft Health Monitoring System Market: Sales Value (in Million US\$), 2018 & 2023

Figure 99: Middle East and Africa: Aircraft Health Monitoring System Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 100: Global: Aircraft Health Monitoring System Industry: SWOT Analysis

Figure 101: Global: Aircraft Health Monitoring System Industry: Value Chain Analysis

Figure 102: Global: Aircraft Health Monitoring System Industry: Porter's Five Forces Analysis

## I would like to order

Product name: Aircraft Health Monitoring System Market Report by Component (Hardware, Software, Services), Subsystem (Aero-Propulsion, Avionics, Ancillary Systems, Aircraft Structures, and Others), End-User (Commercial, Military), Installation (Onboard, On Ground), Fit (Linefit, Retrofit), Operation Time (Real-Time, Non-Real-Time), Operation Type (Detection, Diagnostics, Condition-Based Maintenance and Adaptive Control, and Others), and Region 2024-2032

Product link: <https://marketpublishers.com/r/A349F27340AAEN.html>

Price: US\$ 3,899.00 (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/A349F27340AAEN.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