

Aircraft Health Monitoring - Global Market Outlook (2020-2028)

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Abstracts

According to Statistics MRC, the Global Aircraft Health Monitoring Market is accounted for \$3.36 billion in 2020 and is expected to reach \$8.81 billion by 2028 growing at a CAGR of 12.8% during the forecast period. Increasing use of engine condition monitoring (ECM) by airlines, real-time information for enhanced health management of aircraft and reduced maintenance costs with predictive monitoring and management of aircraft are driving the market growth. However, lack of uniform data standards and susceptibility to harsh working conditions is hampering the growth of the market.

Aircraft health monitoring systems are used to identify problems in the aircraft status and provide alternatives to fix the problems. Aircraft health monitoring systems are utilized as prognosis, diagnosis, detection and mitigation assistance devices. These systems are mainly used to reduce the operational and maintenance costs and improve flight safety.

Based on the platform, the commercial aviation segment is going to have lucrative growth during the forecast period owing to the high demand for health monitoring systems, solutions, and services. Airlines in the commercial sector are focused on implementing these solutions to reduce the operating costs of their air fleets, which will support the market growth over the projected period of time. By geography, Asia Pacific is going to have high growth during the forecast period due to increase in aircraft deliveries in the region.

Some of the key players profiled in the Aircraft Health Monitoring Market include Airbus Group, BAE Systems, Boeing International, Bombardier Inc., Embraer S.A, General Electric, Gulfstream Technology, Honeywell Inc., Meggitt PLC, Rockwell Collins, Rolls Royce Holdings, RSL Electronics Inc, Safran (Sagem), Ultra Electronics Holdings and

United Technologies Corporation.

Platforms Covered:

Commercial

Business & General

Military Aviation

Installations Covered:

Onboard

On Ground

Fits Covered:

Linefit

Retrofit

Solutions Covered:

Hardware

Software

Services

Operation Modes Covered:

Real Time

Non-Real-Time/ Post Flight

Systems Covered:

- Component Monitoring
- Engine Health Monitoring
- Structural Health Monitoring

Technologies Covered:

- Adaptive Control
- Diagnostics
- Prognostics

End Users Covered:

- Original Equipment Manufacturers (OEMs)
- Maintenance, Repair, and Operating Supply (MRO)
- Airlines

Regions Covered:

- North America
 - US
 - Canada
 - Mexico

Europe

Germany

UK

Italy

France

Spain

Rest of Europe

Asia Pacific

Japan

China

India

Australia

New Zealand

South Korea

Rest of Asia Pacific

South America

Argentina

Brazil

Chile

Rest of South America

Middle East & Africa

Saudi Arabia

UAE

Qatar

South Africa

Rest of Middle East & Africa

What our report offers:

Market share assessments for the regional and country-level segments

Strategic recommendations for the new entrants

Covers Market data for the years 2019, 2020, 2021, 2025, and 2028

Market Trends (Drivers, Constraints, Opportunities, Threats, Challenges, Investment Opportunities, and recommendations)

Strategic recommendations in key business segments based on the market estimations

Competitive landscaping mapping the key common trends

Company profiling with detailed strategies, financials, and recent developments

Supply chain trends mapping the latest technological advancements

Free Customization Offerings:

All the customers of this report will be entitled to receive one of the following free customization options:

Company Profiling

Comprehensive profiling of additional market players (up to 3)

SWOT Analysis of key players (up to 3)

Regional Segmentation

Market estimations, Forecasts and CAGR of any prominent country as per the client's interest (Note: Depends on feasibility check)

Competitive Benchmarking

Benchmarking of key players based on product portfolio, geographical presence, and strategic alliances

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