

Global Aircraft Health Monitoring Systems Market: Latest Innovations, Drivers, Dynamics, Strategic Analysis & Challenges

Orbis Research has added Latest Research Report on "Global Aircraft Health Monitoring Systems Market-Growth, Trends and Forecasts (2017-2022)" to its Database.

DALLAS, TEXAS, UNITED STATES, June 27, 2017 /EINPresswire.com/ -- This report helps to analyze competitive developments such as joint ventures, strategic alliances, mergers and acquisitions, new product developments, and research and developments in the Global Aircraft Health Monitoring Systems market.

The Pratt & Whitney focus on the four main areas of service development of engines. Firstly, the predictive data analytics that provides MRO analytics and fleet data to the customers and supports them to improve the reliability of the aircraft fleets. This function is prominently supported by P&W's e-FAST [Aircraft Health Monitoring System](#), further is accessible on all Bombardier C Series aircraft and for some aircraft types powered by Pratt & Whitney Canada turbine engines. In 2016, the global aircraft health monitoring system market accounted for USD 3.52 billion and is expected to reach USD 4.92 billion by 2022, registering a CAGR 6.96%, during 2017-2022 (the forecast period).

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Major Drivers for the Aircraft Health Monitoring System Market include:

- Growth in situational responsiveness to drive operation
- Cost effective maintenance
- Rising demand for aircraft real-time detections

Market Insights

Tech Mahindra, based in India, is working on an Aircraft Ground Support System, for one of its aircraft series, so as to serve real-time and post-flight data management, diagnostic reporting,



and false notifications. The company is providing solutions for aircraft health monitoring system (AHMS), based on technologies such as cutting-edge cloud computing, internet of things (IoT) & big data technologies, which perform deep analytics related to the aircraft health status. The use of these technologies is expected to reduce hours to maintain & analyze flight data by 10%. Moreover, it enhances the aircraft dispatch reliability rate by 25-30%. Integrations with the e-Log book, reliability, flight scheduling, procurement, technical publications, and flight operations are expected to enhance the potential of AHMS, making up to date aircraft data available, thus, enabling powerful business decision making.

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Geographical Analysis

The Middle East & Africa and Europe are holding around more than 38% of the market share. These regions have been the largest market for aircraft health monitoring systems because of the growing passenger traffic. The United Kingdom and Germany have been recorded as the major aviation markets and witnessed tremendous growth, in terms of the number of passengers and aircraft movements, which are further expected to fuel the market, during 2017-2022 (the forecast period). Moreover, with an increase in the demand for air travel from emerging regions, such as South America, and Asia, the aviation market dynamics have shifted from developed markets, such as North America and Europe, to the emerging markets.

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Our Aircraft Health Monitoring Systems Market Report Covers:

- Market trends & dynamics
- Latest News & developments
- Geographical insights
- Porter's five force analysis
- Market segmentation
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