

Airborne Sensors Market 2025 : Why You Should Invest In This Market ?

The airborne sensors market was valued at \$9.2 billion in 2021, and is estimated to reach \$14.5 billion by 2030, growing at a CAGR of 5.3% from 2022 to 2030.

WILMINGTON, DE, UNITED STATES, December 24, 2024 /EINPresswire.com/ -- According to the report published by Allied Market Research, the global [aircraft sensors market](#) generated \$4 billion in 2021, and is projected to reach \$9.7 billion by 2031, growing at a CAGR of 9.1% from 2022 to 2031. The report offers a detailed analysis of the top winning strategies, evolving market trends, market size and estimations, value chain, key investment pockets, drivers & opportunities, competitive landscape, and regional landscape. The report is a useful source of information for new entrants, shareholders,



On the basis of region, Asia-Pacific is projected to have the fastest growing airborne sensors market during the forecast period."

Allied Market Research

frontrunners, and shareholders in introducing necessary strategies for the future and taking essential steps to significantly strengthen and heighten their position in the market.

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[Aircraft Sensors](#) Market Report Coverage & Details:

Report Coverage Details

Forecast Period 2022–2031

Base Year 2021

Market Size in 2021 \$4 billion

Market Size in 2031 \$9.7 billion

CAGR 9.1%

No. of Pages in Report 334

Segments Covered [Aircraft](#) Type, Application, Connectivity, End Use, and Region.

Drivers Rise in demand for aircraft fleet expansion.

Surge in use of sensors for data sensing and measurements.

Increase in demand for unmanned aerial vehicles (UAVs).

Opportunities Technological breakthroughs in the aviation sector and acceptance of wireless sensors.

Restrains Privacy and security concerns as well as safety laws enforced by agencies in the

aviation sector.

The report offers a detailed segmentation of the global aircraft sensors market based on aircraft type, application, connectivity, end use, and region. The report provides a comprehensive analysis of every segment and their respective sub-segment with the help of graphical and tabular representation. This analysis can essentially help market players, investors, and new entrants in determining and devising strategies based on the fastest-growing segments and highest revenue generation that is mentioned in the report.

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On basis of aircraft type, the fixed wings segment held the major market share in 2021, holding nearly three-fourths of the global aircraft sensors market share, and is expected to maintain its leadership status during the forecast period. However, the others segment, is expected to cite the fastest CAGR of 14.9% during the forecast period. The report includes rotorcraft segment.

Based on application, the flight decks segment held the largest market share in 2021, accounting for one-fourth of the global aircraft sensors market share, and is expected to maintain its leadership status during the forecast period. However, the weapon systems segment, is expected to cite the highest CAGR of 14.4% during the forecast period. The report also includes other segments such as fuel, hydraulic and pneumatic systems, engine/propulsion, cabin and cargo environmental controls, aerostructures and flight control, landing gear systems, and others.

In terms of end use, the OEM segment held the major market share in 2021, contributing three-fourths of the global aircraft sensors market share, and is expected to maintain its leadership position during the forecast period. Moreover, the same segment, on the other hand, is expected to cite the fastest CAGR of 9.6% during the forecast period. The report also includes the aftermarket segment.

Region-wise, the market across the Asia-Pacific region held the major market share in 2021, holding more than one-third of the global aircraft sensors market share and is expected to maintain its leadership status during the forecast period. However, the Asia-Pacific aircraft sensors market is expected to cite the fastest CAGR of 10.4% during the forecast period. The report also analyses other regions such as Europe, North America, and LAMEA.

The key players analyzed in the global aircraft sensors market report include Ametek, Inc.

Auxitrol Weston

BAE Systems plc

The Curtiss-Wright Corporation

Eaton Corporation plc

General Atomics

General Electric Company
Honeywell International Inc.
Meggitt PLC
Raytheon Technologies Corporation
Safran S.A.
Schneider Electric SE
Smith Systems Incorporated
TE Connectivity
Thales Group
Thermocouple Technology, LLC
Woodward, Inc.

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