

Aircraft Actuators Market to Grow at a CAGR of 5.4% and Reach USD \$24.1 Billion by 2031

Electrical actuators are up to 80% more efficient than hydraulic actuators that further pushes the growth of the aircraft actuators market.

PORTLAND, OREGON, UNITED STATES, November 7, 2023 /EINPresswire.com/ -- According to a new report published by Allied Market Research, titled, "Aircraft Actuators Market," The aircraft actuators market was valued at \$14.5 billion in 2021, and is estimated to reach \$24.1 billion by 2031, growing at a CAGR of 5.4% from 2022 to 2031.



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In 2021, Asia-Pacific region dominated the market in terms of revenue, followed by Europe, North America, and LAMEA. Initiatives taken by the governments toward the modernization of aviation sector and rise in air traffic in the region are expected to propel the growth of the aircraft actuators market during the forecast period.

There are prominent key factors that drive the growth of the <u>aircraft actuators market size</u> such as rise in operations in the commercial aviation, and increase in demand from emerging regions. The market economy is also responsible for the growth of the <u>aircraft actuators industry</u>. Emerging countries in the region, such as India and China, are experiencing significant increases in civil aviation markets due to increased demand for air travel. Thus, the aerospace sector is witnessing prominent growth in these countries, which is expected to provide lucrative opportunities for the growth of the aircraft actuators market.

The aircraft actuators industry is segmented on the application, wing type, type, end use, and

region. The application segment is further divided as commercial aviation, military aviation, business & general aviation, and unmanned. By wing type, the market is classified into Fixed Wing, and Rotary Wing. On the basis of type, it is divided into Linear, and Rotary. By end use, it is segmented into line OEM, and aftermarket. By region, the market is analyzed across North America, Europe, Asia-Pacific, and LAMEA.

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The report assesses these prominent participants in the global aircraft actuator market. These stakeholders have executed pivotal business strategies, including the introduction of new products, strategic expansion, collaborations, and joint ventures, with the aim of increasing their market reach and strengthening their position within the industry. The report serves as a valuable resource for the targeted audience, enabling them to evaluate segment-specific achievements, market performance, the individual contributions, and product portfolio advancements in the market made by each player to foster market expansion.

According to IATA reports, air traffic, measured in revenue passenger kilometers (RPK), an indicator of global passenger demand, increased 115.9% year-on-year in February 2022, but it was 54.5% of the pre-pandemic levels (February 2019 level). Moreover, International air travel recovery continues to gain momentum, driven by surge in vaccination rates and ease of travel restrictions in many regions. RPKs rose 256.8% YoY in February, but are only 40.4% of pre-pandemic February 2019.

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Increase in aircraft demand encourage deployment of innovations in vehicle components to address fuel efficiency challenge, which contribute to air pollution that further pushes the growth of the aircraft actuators market. Addition of electric actuators to an aircraft can reduce fuel use by drastically and significantly change the current scenario of aviation in support of the environmental protection. Electrical actuators are up to 80% more efficient than hydraulic actuators because they have an efficient motor without heating issues and a decreased chance of component failure.

COVID-19 Impact Analysis

Governments across the globe implemented strict lockdowns and made social distancing mandatory to prevent the spread of the COVID-19 virus.

Consequently, several organizations began work from home programs as precautionary measure. This led to a sudden decline in global demand for traveling, which has affected the aircraft actuators market.

However, global air travel continues to recover in 2022, as Omicron has less impact on countries other than Asia, and the war in Ukraine proves to have had little impact on world air traffic data.

KEY FINDINGS OF THE STUDY

By application, the commercial aviation segment is expected to register a significant growth during the forecast period.

By wing type, the fixed wing segment is expected to register a significant growth during the forecast period.

By type, the rotary segment is projected to lead the global aircraft actuators market By end use, the OEM segment is projected to lead the global aircraft actuators market Region-wise, Asia-Pacific is anticipated to register the highest CAGR during the forecast period.

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