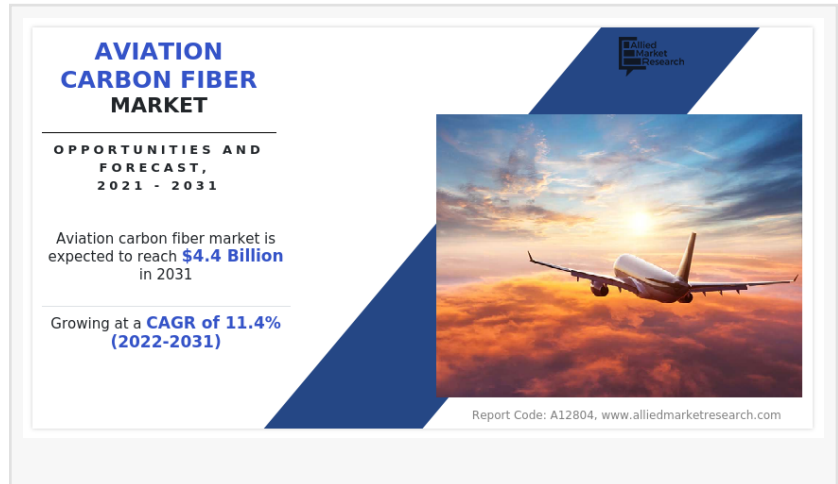


# Aviation Carbon Fiber Market Expected to Reach \$4.4 Billion with a CAGR of 11.4% by 2031

*North America held the largest share in 2021, contributing to nearly two-fifth of the global aviation carbon fiber market share.*

PORTLAND, OREGON, UNITED STATES, November 9, 2023 /EINPresswire.com/ -- According to the report published by Allied Market Research, the global [aviation carbon fiber market](#) garnered \$1.5 billion in 2021 and is estimated to generate \$4.4 billion by 2031, manifesting a CAGR of 11.4% from 2022 to 2031.



The report provides an extensive analysis of changing market dynamics, major segments, value chains, competitive scenarios, and regional landscapes. This research offers valuable guidance to leading players, investors, shareholders, and startups in devising strategies for sustainable growth and gaining a competitive edge in the market.

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## Leading Market Players

Mitsubishi Chemical Group Corporation  
Nippon Steel Corporation  
SGL Carbon  
Teijin Limited  
Toray Industries Inc.  
Hexcel Corporation  
Solvay  
Hyosung  
OJSC SvetlogorskKhimvolokno

DowAksa.

## Market Size and Forecast

Based on raw material, the PAN-based carbon fiber segment held the highest share in 2021, accounting for more than 90 percent of the global [aviation carbon fiber industry](#), and is expected to continue its leadership status during the forecast period. The segment is also expected to register the highest CAGR of 11.6% from 2022 to 2031.

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Based on type, the continuous segment accounted for the highest share in 2021, contributing to around 90 percent of the global aviation carbon fiber market, and is expected to maintain its lead in terms of revenue during the forecast period. The segment is also expected to manifest the highest CAGR of 11.5% from 2022 to 2031.

Based on end use, the commercial segment accounted for the highest share in 2021, holding around three-fifth of the global [aviation carbon fiber market size](#), and is expected to continue its leadership status during the forecast period. However, the military segment is estimated to grow at the highest CAGR of 12.4% during the forecast period.

Based on region, North America held the largest share in 2021, contributing to nearly two-fifth of the global aviation carbon fiber market share. In addition, Asia-Pacific is expected to manifest the fastest CAGR of 12.7% during the forecast period.

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## Analyst Review

The research provides detailed segmentation of the global aviation carbon fiber market based on raw material, type, end-use, and region. The report discusses segments and their sub-segments in detail with the help of tables and figures. Market players and investors can strategize according to the highest revenue-generating and fastest-growing segments mentioned in the report.

The outbreak of the COVID-19 pandemic hurt the growth of the global aviation carbon fiber market, owing to the implementation of global lockdown which hampered the aviation industry.

Curfew practices globally affected the domestic as well as international production of aircraft, which, in turn, hampered the growth of the overall market.

Supply chain was disrupted due to import & export restrictions. Manufacturers faced a shortage

of labor and unavailability of raw materials.

The aviation carbon fiber market has a high scope of growth opportunities in the future due to factors such as high investment in the development of electric aircraft and increases in the development of low-weight and fuel-efficient aircraft.

The report provides a detailed analysis of these key players in the global aviation carbon fiber market. These players have adopted different strategies such as new product launches, collaborations, expansion, joint ventures, agreements, and others to increase their market share and maintain dominant shares in different regions. The report is valuable in highlighting business performance, operating segments, product portfolio, and strategic moves of market players to showcase the competitive scenario.

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