



Aircraft Fairing Market Trends, Insights, Size, Share and Forecast

The global [aircraft fairing market](#) was valued at USD 1.41 billion in 2020 and is projected to grow from USD 1.46 billion in 2021 to USD 2.60 billion by 2028, at a CAGR of 8.59% during the forecast period. Market growth is driven by the need to reduce form and interference drag, enhance aircraft aesthetics, and meet rising global passenger air traffic demands. This vital information is presented by Fortune Business Insights™, in its report, titled, “Aircraft Fairing Market, 2021-2028”.



Key Players in the Aircraft Fairing Market

- Malibu Aerospace (U.S.)
- FACC AG (Austria)
- Daher (France)
- NORDAM (U.S.)
- Airbus (France)

- Boeing (U.S.)
- Avcorp (Canada)
- Barnes Group (U.S.)
- Royal Engineered Composites (U.S.)
- Fiber Dynamics Inc. (U.S.)
- FDC Composites (Canada)
- Kaman Aerosystems (U.S.)
- SAAB AB (Sweden)
- Lockheed Martin (U.S.)
- ShinMaywa (Japan)
- Strata Manufacturing (UAE)

Information Source

<https://www.fortunebusinessinsights.com/aircraft-fairings-market-105857>

Market Segmentation

The aircraft fairing market is segmented based on platform, application, material, and region. By platform, the market includes commercial, military, regional, and general aviation sectors, reflecting the diverse range of aircraft types utilizing fairings. In terms of application, aircraft fairings are used across several structural areas such as the fuselage, engine, control surfaces, radars and antenna systems, and landing gear—each playing a crucial role in aerodynamic performance and system protection. When categorized by material, the market is divided into aluminum, composites, and alloys, with composite materials gaining traction due to their lightweight and high-strength properties. Regionally, the market is analyzed across North America, Europe, Asia Pacific, and the Rest of the World, each showing varied growth patterns based on industrial capability and aircraft demand.

Market Drivers

- There is a rising demand for lightweight composite aerostructures, which helps improve fuel efficiency and performance.
- Increasing orders for new-generation aircraft and the growth of low-cost carriers are significantly boosting market demand.
- Growing military expenditures in developing economies are driving procurement of advanced aircraft components, including fairings.
- The expanding commercial aviation sector, driven by increasing air travel, is further propelling market growth.

- However, a backlog in aircraft fairing orders may act as a short-term constraint on overall market expansion.

Regional Insights

Geographically, North America dominates the aircraft fairing market, primarily due to its large commercial aircraft fleet, robust manufacturing infrastructure, and the strong presence of major aerospace companies. The region also benefits from high levels of defense expenditure and a steady demand for both new aircraft and maintenance services. Europe holds a significant share as well, supported by the presence of major aerospace manufacturers and substantial investments in research and development activities aimed at improving aircraft performance and sustainability. Meanwhile, the Asia Pacific region is poised for rapid growth during the forecast period, driven by a rapidly expanding aviation sector, growing domestic airline fleets, and increasing aircraft production in countries such as China and India.

Competitive Landscape

The aircraft fairing market is fragmented, with key players focused on innovation, advanced materials, and strategic partnerships to strengthen their positions. Major OEMs like Boeing and Airbus are expanding global production capabilities—Boeing set up a vertical fin manufacturing line for the 737 MAX in Hyderabad, while Airbus completed structural assembly and testing of the A321XLR, including landing gear and door fairings. Companies such as FACC AG, Daher, SAAB AB, and Strata Manufacturing are investing in composite technologies to reduce weight and improve aerodynamics. Niche firms like Royal Engineered Composites and Fiber Dynamics Inc. provide customized fairing solutions, supporting both commercial and defense sectors. As demand rises, innovation and production scalability will be key competitive factors.

Recent Developments

In December 2021, Airbus announced the successful completion of the final structural assembly of the first A321XLR test aircraft. The next phase of testing includes initiating the engine for the first time, evaluating the landing gear retraction system, and assessing the performance of door fairings. The process will conclude with a comprehensive quality inspection to ensure the aircraft meets all structural and safety standards.

In April 2021, Strata Manufacturing signed a strategic agreement with Switzerland-based Pilatus Aircraft Ltd and the UAE's Tawazun Economic Council. As part of this seven-year agreement, Pilatus will assign Strata three new work packages for the PC-24 — the world's first Super Versatile Jet. These packages include autoclave manufacturing of pylon fairings,

bullet fairings, and tail cones, further expanding Strata's role in global aircraft component production.