

Aircraft Fairings Market Opportunity, Growth Drivers, Industry Trend Analysis, and Forecast 2025 - 2034

Market Report | 2025-01-10 | 180 pages | Global Market Insights

AVAILABLE LICENSES:

- Single User \$4850.00
- Multi User \$6050.00
- Enterprise User \$8350.00

Report description:

The Global Aircraft Fairings Market reached USD 2.55 billion in 2024 and is expected to grow at a CAGR of 6.2% between 2025 and 2034. As the aviation industry continues its focus on enhancing fuel efficiency, improving performance, and meeting sustainability targets, the demand for advanced aircraft fairings is rising. Fairings, essential components that reduce aerodynamic drag, improve fuel efficiency, and enhance aircraft performance, are central to the transition toward more environmentally friendly aviation technologies.

Airlines and aircraft manufacturers are increasingly prioritizing greener solutions, and fairings are seen as vital in achieving these goals. These components are designed to ensure smoother airflow around the aircraft, which reduces drag and ultimately results in better overall efficiency. This shift is evident not only in new aircraft production but also in the maintenance and upgrading of existing fleets as operators look for ways to cut down on fuel consumption and enhance sustainability.

The aircraft fairings market is divided into three main segments based on platform: commercial, military, and general aviation. In 2024, the commercial aviation segment holds a dominant share of 51.4%. This segment is driven by the increasing demand for passenger and cargo aircraft worldwide. Fairings are critical in both the design of new aircraft and in the maintenance of existing fleets, as they help reduce fuel consumption and enhance operational efficiency. With airlines intensifying their focus on sustainability and lowering their carbon footprints, fairings are integral in meeting these objectives. As the number of air travel passengers and global trade continues to grow, the commercial aviation segment is expected to experience significant demand.

Material-wise, the market is segmented into composite, metallic, alloy, and other materials. The metallic fairings segment is expected to grow at the fastest rate during the forecast period, with a projected CAGR of 7.3%. Metallic materials, such as aluminum alloys and titanium, are favored for their durability, strength, and resistance to harsh environmental conditions. These materials are commonly used in critical components, such as engine nacelles and fuselage sections, where structural integrity and protection from high-speed airflow are crucial.

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

North America aircraft fairings market is projected to generate USD 1.55 billion by 2034. The region is a global leader in the aircraft fairings market, driven by the presence of major Original Equipment Manufacturers (OEMs) and an advanced manufacturing infrastructure. The United States plays a key role in this market, benefiting from substantial investments in both commercial and military aircraft programs. North America is also at the forefront of developing lightweight composite materials and innovative manufacturing technologies, further solidifying its market leadership. Regulations from bodies like the Federal Aviation Administration (FAA) are driving continuous innovation in fairing design, ensuring the region's continued dominance in the industry.

□

□

Table of Contents:

Report Content

Chapter 1 Methodology & Scope

- 1.1 Market scope & definitions
- 1.2 Base estimates & calculations
- 1.3 Forecast calculations
- 1.4 Data sources
 - 1.4.1 Primary
 - 1.4.2 Secondary
 - 1.4.2.1 Paid sources
 - 1.4.2.2 Public sources

Chapter 2 Executive Summary

2.1 Industry synopsis, 2021-2034

Chapter 3 Industry Insights

- 3.1 Industry ecosystem analysis
 - 3.1.1 Factor affecting the value chain
 - 3.1.2 Profit margin analysis
 - 3.1.3 Disruptions
 - 3.1.4 Future outlook
 - 3.1.5 Manufacturers
 - 3.1.6 Distributors
- 3.2 Supplier landscape
- 3.3 Profit margin analysis
- 3.4 Key news & initiatives
- 3.5 Regulatory landscape
- 3.6 Impact forces
 - 3.6.1 Growth drivers
 - 3.6.1.1 Increasing demand for lightweight materials in modern aircraft manufacturing
 - 3.6.1.2 Rising focus on fuel efficiency and carbon emission reduction
 - 3.6.1.3 Expansion of commercial aviation due to growing passenger traffic
 - 3.6.1.4 Technological advancements in aerodynamics for improved aircraft performance
 - 3.6.1.5 Surge in aircraft production rates to meet market demand

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 3.6.2 Industry pitfalls & challenges
 - 3.6.2.1 High initial costs associated with advanced fairing manufacturing technologies
 - 3.6.2.2 Supply chain disruptions affecting timely availability of raw materials
- 3.7 Growth potential analysis
- 3.8 Porter's analysis
- 3.9 PESTEL analysis
- Chapter 4 Competitive Landscape, 2024
 - 4.1 Introduction
 - 4.2 Company market share analysis
 - 4.3 Competitive positioning matrix
 - 4.4 Strategic outlook matrix
- Chapter 5 Market Estimates & Forecast, By Platform, 2021-2034 (USD Million)
 - 5.1 Key trends
 - 5.2 Commercial
 - 5.2.1 Narrow Body Aircraft (NBA)
 - 5.2.2 Wide Body Aircraft (WBA)
 - 5.2.3 Very Large Aircraft (VLA)
 - 5.2.4 Regional Transport Aircraft (RTA)
 - 5.2.5 Business jets
 - 5.3 Military
 - 5.3.1 Fighter aircraft
 - 5.3.2 Military transport
 - 5.4 General aviation
- Chapter 6 Market Estimates & Forecast, By Material, 2021-2034 (USD Million)
 - 6.1 Key trends
 - 6.2 Composite
 - 6.3 Metallic
 - 6.4 Alloy
- Chapter 7 Market Estimates & Forecast, By Application, 2021-2034 (USD Million)
 - 7.1 Key trends
 - 7.2 Flight control surface
 - 7.3 Fuselage
 - 7.4 Engine
 - 7.5 Nose
 - 7.6 Cockpit
 - 7.7 Wings
 - 7.8 Landing gear
- Chapter 8 Market Estimates & Forecast, By End Use, 2021-2034 (USD Million)
 - 8.1 Key trends
 - 8.2 OEM
 - 8.3 Aftermarket
- Chapter 9 Market Estimates & Forecast, By Region, 2021-2034 (USD Million)
 - 9.1 Key trends
 - 9.2 North America
 - 9.2.1 U.S.
 - 9.2.2 Canada
 - 9.3 Europe

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 9.3.1 UK
- 9.3.2 Germany
- 9.3.3 France
- 9.3.4 Italy
- 9.3.5 Spain
- 9.3.6 Russia
- 9.4 Asia Pacific
 - 9.4.1 China
 - 9.4.2 India
 - 9.4.3 Japan
 - 9.4.4 South Korea
 - 9.4.5 Australia
- 9.5 Latin America
 - 9.5.1 Brazil
 - 9.5.2 Mexico
- 9.6 MEA
 - 9.6.1 South Africa
 - 9.6.2 Saudi Arabia
 - 9.6.3 UAE
- Chapter 10 Company Profiles
 - 10.1 AAR Corporation
 - 10.2 Airbus
 - 10.3 Avcorp
 - 10.4 Barnes Group
 - 10.5 Daher
 - 10.6 FACC AG
 - 10.7 Fiber Dynamics, Inc.
 - 10.8 Malibu Aerospace
 - 10.9 Royal Engineered Composites
 - 10.10 Shinmaywa
 - 10.11 Strata Manufacturing
 - 10.12 The Boeing Company
 - 10.13 The NORDAM Group LLC
 - 10.14 Triumph Group Inc.

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

Aircraft Fairings Market Opportunity, Growth Drivers, Industry Trend Analysis, and Forecast 2025 - 2034

Market Report | 2025-01-10 | 180 pages | Global Market Insights

To place an Order with Scotts International:

- ☐ - Print this form
- ☐ - Complete the relevant blank fields and sign
- ☐ - Send as a scanned email to support@scotts-international.com

ORDER FORM:

Select license	License	Price
	Single User	\$4850.00
	Multi User	\$6050.00
	Enterprise User	\$8350.00
		VAT
		Total

*Please circle the relevant license option. For any questions please contact support@scotts-international.com or 0048 603 394 346.

☐ ** VAT will be added at 23% for Polish based companies, individuals and EU based companies who are unable to provide a valid EU Vat Numbers.

Email*		Phone*	
First Name*		Last Name*	
Job title*			
Company Name*		EU Vat / Tax ID / NIP number*	
Address*		City*	
Zip Code*		Country*	
		Date	2025-05-07
		Signature	

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com



Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com
www.scotts-international.com