

Global Aircraft Carbon Brake Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

https://marketpublishers.com/r/G1DE895AFB4AEN.html

Date: January 2024

Pages: 111

Price: US\$ 3,480.00 (Single User License)

ID: G1DE895AFB4AEN

Abstracts

According to our (Global Info Research) latest study, the global Aircraft Carbon Brake market size was valued at USD 1283.8 million in 2023 and is forecast to a readjusted size of USD 1950 million by 2030 with a CAGR of 6.2% during review period.

Aircraft Carbon Brake is an important component which is usually used for takeoff, landing, gliding, turning and stopping the. It realizes brake and ensures the safety of a flight and is belonging to the consumable parts.

Aircraft Carbon Brake is an advanced technique in brake device. Compared to steel brakes, it is lighter, has better heat dissipation property, and does not reduce the energy absorption characteristics at high temperatures.

The global top five aircraft carbon brake companies have a market share of about 90%, including

Safran, Meggitt, Honeywell, Collins Aerospace, Xi'an Aviation Brake Technology, and the largest manufacturer is Safran, accounting for about 50%. North America and Asia Pacific are the global most important aircraft carbon brake production regions, with both accounting for more than 30% of the market. In terms of type, the market share of commercial brakes exceeds 90%. In the application field, the market share in the aftermarket field accounts for more than 90%.

The Global Info Research report includes an overview of the development of the Aircraft Carbon Brake industry chain, the market status of Aftermarket (Commercial Brake, Military Brake), OEM (Commercial Brake, Military Brake), and key enterprises in



developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Aircraft Carbon Brake.

Regionally, the report analyzes the Aircraft Carbon Brake markets in key regions. North America and Europe are experiencing steady growth, driven by government initiatives and increasing consumer awareness. Asia-Pacific, particularly China, leads the global Aircraft Carbon Brake market, with robust domestic demand, supportive policies, and a strong manufacturing base.

Key Features:

The report presents comprehensive understanding of the Aircraft Carbon Brake market. It provides a holistic view of the industry, as well as detailed insights into individual components and stakeholders. The report analysis market dynamics, trends, challenges, and opportunities within the Aircraft Carbon Brake industry.

The report involves analyzing the market at a macro level:

Market Sizing and Segmentation: Report collect data on the overall market size, including the sales quantity (K Units), revenue generated, and market share of different by Type (e.g., Commercial Brake, Military Brake).

Industry Analysis: Report analyse the broader industry trends, such as government policies and regulations, technological advancements, consumer preferences, and market dynamics. This analysis helps in understanding the key drivers and challenges influencing the Aircraft Carbon Brake market.

Regional Analysis: The report involves examining the Aircraft Carbon Brake market at a regional or national level. Report analyses regional factors such as government incentives, infrastructure development, economic conditions, and consumer behaviour to identify variations and opportunities within different markets.

Market Projections: Report covers the gathered data and analysis to make future projections and forecasts for the Aircraft Carbon Brake market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to Aircraft Carbon Brake:



Company Analysis: Report covers individual Aircraft Carbon Brake manufacturers, suppliers, and other relevant industry players. This analysis includes studying their financial performance, market positioning, product portfolios, partnerships, and strategies.

Consumer Analysis: Report covers data on consumer behaviour, preferences, and attitudes towards Aircraft Carbon Brake This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Aftermarket, OEM).

Technology Analysis: Report covers specific technologies relevant to Aircraft Carbon Brake. It assesses the current state, advancements, and potential future developments in Aircraft Carbon Brake areas.

Competitive Landscape: By analyzing individual companies, suppliers, and consumers, the report present insights into the competitive landscape of the Aircraft Carbon Brake market. This analysis helps understand market share, competitive advantages, and potential areas for differentiation among industry players.

Market Validation: The report involves validating findings and projections through primary research, such as surveys, interviews, and focus groups.

Market Segmentation

Aircraft Carbon Brake market is split by Type and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value.

Market segment by Type

Commercial Brake

Military Brake

Market segment by Application

Aftermarket



OEM

Major players covered
Safran
Meggitt
Honeywell
Collins Aerospace
Xi'an Aviation Brake Technology
Beijing Bei MO
Chaoma Technology
Hunan Boyun New Materials
Rubin Aviation Corporation JSC
Luhang Carbon Materials
SGL Group
Mersen
Youcaitec Material
Market segment by region, regional analysis covers
North America (United States, Canada and Mexico)
Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)



South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Aircraft Carbon Brake product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Aircraft Carbon Brake, with price, sales, revenue and global market share of Aircraft Carbon Brake from 2019 to 2024.

Chapter 3, the Aircraft Carbon Brake competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Aircraft Carbon Brake breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2019 to 2030.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2019 to 2030.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value and market share for key countries in the world, from 2017 to 2023.and Aircraft Carbon Brake market forecast, by regions, type and application, with sales and revenue, from 2025 to 2030.

Chapter 12, market dynamics, drivers, restraints, trends and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Aircraft Carbon Brake.

Chapter 14 and 15, to describe Aircraft Carbon Brake sales channel, distributors, customers, research findings and conclusion.



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