

Global Aerospace and Defense Brakes Market by Aircraft Type (Commercial Aircraft, Regional Aircraft, General Aircraft, and Military Aircraft), By Brake Type (Carbon Brake and Steel Brake), by Manufacturing Process (CVD/CVI, LPI, and Forging), by Raw Materials (PAN Fiber, Pitch Fiber, and Steel), by End Use (OEM and Aftermarket), and by Region (North America, Europe, Asia-Pacific, and Rest of the World), Trend, Forecast, Competitive Analysis, and Growth Opportunity: 2016 – 2021

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Abstracts

This report, from Stratview Research, studies the aerospace and defense brakes market over the period 2010 to 2021. The report provides detailed insights on the market dynamics to enable informed business decision making and growth strategy formulation based on the opportunities present in the market.

The Global Aerospace and Defense Brakes Market: Highlights

Brakes are one of the most important components of an aircraft which help an aircraft to safely land, and take off. The brakes should operate and stop the aircraft in different operational environments. During landing, brakes are required to withstand, absorb, and safely dissipate very high amount of kinetic energy of the decelerating airplane and bring it to a safe halt. Increasing size of the commercial aircraft has led to increased demand for stronger brakes.

The global aerospace and defense brakes market offers a good growth opportunity and is likely to grow at 5.0% CAGR during the forecast period of 2016 to 2021. Increasing passenger traffic, increasing commercial aircraft deliveries, growing aircraft fleet size, increase in share of wide body aircraft, etc. are some of the key growth drivers of the global aerospace and defense brakes market.

Commercial aircraft is expected to remain growth engine of the global aerospace and defense brakes market during the forecast period. Both OEM and aftermarket segments are likely to offer healthy opportunity in the next five years. Among the brake types, carbon brakes are expected to provide a robust growth opportunity in the global aerospace and defense brakes market due to their excellent performance.

North America is expected to remain the largest market for brakes due to manufacturing base of largest commercial OEM, Boeing and increasing retrofit market. However, during the next five years, Asia Pacific is expected to grow at the highest rate.

The supply chain of this market comprises raw materials suppliers, brake manufacturers, distributors, Aircraft OEMs, and Airlines. The key aerospace OEMs are Boeing, Airbus, Bombardier, Embraer, ATR, and Mitsubishi Heavy Industries and key airlines are Lufthansa, Delta Air, Air China, and Singapore Airlines.

The brakes market is a highly consolidated market. The key brakes are Meggitt Aircraft Braking Systems, Honeywell Aerospace, Parker, Safran Landing Systems (Messier-Bugatti-Dowty), and UTC Aerospace Systems. New product development, regional expansion, and long term contracts are the key strategies adopted by the key players to gain competitive edge in the market.

RESEARCH METHODOLOGY

This report offers high quality insights and is the outcome of detailed research methodology comprising extensive secondary research, rigorous primary interviews with industry stakeholders and validation and triangulation with Stratview Research's internal database and statistical tools. More than 300 authenticated secondary sources, such as company annual reports, fact book, press release, journals, investor presentation, white papers, patents, and articles have been leveraged to gather the data. More than 15 detailed primary interviews with the market players across the value chain in the all four regions and industry experts have been executed to obtain both the qualitative and quantitative insights.

REPORT FEATURES

This report provides market intelligence in the most comprehensive way. The report structure has been kept such that it offers maximum business value. It provides critical insights on the market dynamics and will enable strategic decision making for the existing market players as well as those willing to enter the market. The following are the key features of the report:

Market structure: Overview, industry life cycle analysis, supply chain analysis

Market environment analysis: Growth drivers and constraints, Porter's five forces analysis, SWOT analysis

Market trend and forecast analysis

Market segment trend and forecast

Competitive landscape and dynamics: Market share, product portfolio, product launches, etc.

Attractive market segments and associated growth opportunities

Emerging trends of the brakes market

Strategic growth opportunities for the existing and new players

Key success factors

The aerospace and defense brakes market is segmented into the following categories.

Global Aerospace and Defense Brakes Market by Aircraft Type:

Commercial Aircraft

Regional Aircraft

General Aviation

Military Aircraft and Others

Global Aerospace and Defense Brakes Market by End Use Type:

OEM

Aftermarket

Global Aerospace and Defense Brakes Market by Brake:

Carbon Brakes

Steel Brakes

Global Aerospace and Defense Brakes Market by Precursor:

PAN Fiber

Pitch Fiber

Steel

Global Aerospace and Defense Brakes Market by Manufacturing Process:

Chemical Vapor Infiltration

Liquid Phase Infiltration

Forging

Global Aerospace and Defense Brakes Market by Region:

North America

Europe

Asia – Pacific

Rest of the World

REPORT CUSTOMIZATION OPTIONS

With this detailed report, Stratview Research offers one of the following free customization options to our respectable clients:

Company Profiling

Detailed profiling of additional market players (up to 3)

SWOT analysis of key players (up to 3)

Regional Segmentation

Current market segmentation of any one of the regions by end use type

Competitive Benchmarking

Benchmarking of the top 3 competitors on product portfolio, application presence, strategic alliances, and new product development

Custom Research: Stratview research offers custom research services across the sectors. In case of any custom research requirement related to market assessment, competitive benchmarking, sourcing and procurement, target screening, and others, please send your enquiry at sales@stratviewresearch.com.

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