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Global Aerospace Windows and Windshields Market by Aircraft Type (Narrow Body Aircraft, Wide Body Aircraft, Very Large Aircraft, Regional Aircraft, and General Aviation), by Platform (B737,B747, B777, B787, A320 Family, A330 / A340, A350XWB, A380, B737Max, B777x, A320 Family neo, E175, C Series, and Others), by Product Type (Windows and Windshield), by Technology Type (Glass, Acrylic, and Electrochromic), 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 is the ONGOING report. If ordered it could be delivered in 2-3 weeks timeframe.

This report, from Stratview Research, studies the global aerospace windows and windshields 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 Windows and Windshields Market in the Aerospace Industry: Highlights

The global windows and windshields market in the aerospace industry offers a moderate growth opportunity and is likely to witness 3.7% CAGR during the forecast

period of 2016 to 2021. Increasing commercial and regional aircraft delivery, high growth of wide body aircraft, and technology advancement are the key drivers of the global windows and windshields market.

The aerospace industry keeps on looking for advancement in the technology to improve existing products with the purpose to provide better customer experience during the travel. Most of the aircraft platforms have acrylic based windows in their flight deck or aircraft cabin, but this trend has started to change with the commencement of the most advanced next generation B787 Dreamliner aircraft. B787 Dreamliner uses dimmable windows in the aircraft cabin supplied by Gentex Automotive. Gentex Automotive leveraged its proprietary electrochromic technology and worked with PPG Aerospace Transparencies Division to develop dimmable windows for B787's aircraft cabin. These dimmable windows are very much interactive and smart and allow the passengers to control the amount of light entering the aircraft cabin. The passengers can dim the light to five different levels using a switch located next to the windows. The aircraft flight crew can also control all of the windows in the passenger cabin at the touch of a switch. Another advantage of these windows is the reduction in transmission of UV and infrared radiations.

North America is expected to remain the largest market for aerospace windows and windshields during the forecast period. Manufacturing base of the Boeing and Bombardier, and high commercial, regional, and general aviation fleet size are the major drivers for the North American dominance in the global aerospace windows and windshields market.

The supply chain of this market comprises raw material suppliers, component manufacturers, window and windshield manufacturers Aerospace OEMs and airline companies. The key aerospace OEMs are Boeing, Airbus, Embraer, Bombardier, ATR, Cessna, and Gulfstream. The key airline companies are Lufthansa, American Airlines, Delta Airlines, Air Asia Airlines, and China Airlines.

The global aerospace windows and windshields market is a highly consolidated market. The key windows and windshield manufacturers are GKN Aerospace, PPG Aerospace Transparencies, Nordam Transparency Division, Saint-Gobain Gully, and Gentex Corporation. Joint product development, long term contracts, and collaboration with customers 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 1,000 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. About 10 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 carbon brakes market

Strategic growth opportunities for the existing and new players

Key success factors

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The global aerospace windows and windshields market is segmented into the following categories.

Global Aerospace Windows and Windshields Market by Aircraft Type:

- Narrow Body Aircraft
  - Product Type
  - Cabin Windows
  - Cockpit Windows
  - Cockpit Windshields
- Wide Body Aircraft
  - Product Type
  - Cabin Windows
  - Cockpit Windows
  - Cockpit Windshields
- Very Large Aircraft
  - Product Type
  - Cabin Windows
  - Cockpit Windows
  - Cockpit Windshields
- Regional Aircraft
  - Product Type

Cabin Windows

Cockpit Windows

Cockpit Windshields

General Aviation

Product Type

Cabin Windows

Cockpit Windows

Cockpit Windshields

Global Aerospace Windows and Windshields Market by Platform Type:

B737

B747

B777

B787

A320 Family

A330/A340

A350 XWB

A380

B737 Max

B777X

A320 neo

A330 neo

E 175

C Series

Others

Global Aerospace Windows and Windshields Market by Product Type:

Cabin Windows

Cockpit Windows

Cockpit Windshields

Global Aerospace Windows and Windshields Market by Technology Type:

Glass Windows

Acrylic Windows

Electrochromic Windows

Global Aerospace Windows and Windshields Market by Region:

North America

US

Canada

Mexico

- Europe
  - Germany
  - France
  - UK
  - Italy
  - Spain
  - Rest of Europe
- Asia – Pacific
  - China
  - Japan
  - India
  - Rest of Asia-Pacific
- Rest of the World
  - Middle East
  - Latin America

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 product type

Competitive Benchmarking

Benchmarking of key players on the following parameters: Product portfolio, geographical reach, regional presence, and strategic alliances

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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