

# **Aircraft Brackets Market by Aircraft Type (Commercial Aircraft, Regional Aircraft, General Aviation, Military Aircraft, and Helicopter), by Application Type (Fuselage, Wings, Control Surfaces, and Others), by Bracket Type (Class A, Class B, and Class C), by Material Type (Aluminum, Steel, and Others), by End-User Type (OE and Aftermarket) and by Region (North America, Europe, Asia-Pacific, and Rest of the World), Trend, Forecast, Competitive Analysis, and Growth Opportunity: 2018-2023**

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## **Abstracts**

This report, from Stratview Research, studies the aircraft brackets market over the trend period of 2012 to 2017 and forecast period of 2018 to 2023. The report provides detailed insights into the market dynamics to enable informed business decision making and growth strategy formulation based on the opportunities present in the market.

### **The Global Aircraft Brackets Market: Highlights**

The global aircraft brackets market is projected to grow at a healthy rate over the next five years to reach US\$ 239.9 million in 2023. Increasing global commercial and regional aircraft deliveries, increasing share of wide-body aircraft in the total commercial aircraft deliveries, rising commercial aircraft fleet size, increasing demand for lightweight brackets, and increasing demand for 3D-printed brackets are the major factors that are burgeoning the demand for brackets in the aircraft industry. North America and Europe are the biggest demand generators with a combined share of more than two-thirds of the total aircraft brackets market.

Brackets are essentially supported structures that are used to attach two different components while supporting one over the other. In an aircraft, these brackets are used on a wide range of applications, such as landing gears, fuselage airframe assembly, wings assembly, engine mounts, fuel tanks, and electrical wire installations. The aircraft brackets are of three types: Class A, Class B, and Class C, which are attached according to the application structure. For example, class A brackets are usually attached with the primary structures of the aircraft, whereas class B brackets are a kind of removable structure, and class C brackets are attached with the tertiary structures, such as hoses and air conditioning ducts. These brackets basically strengthen the joints of two different parts one over another.

Based on the aircraft type, the market is segmented into commercial aircraft, regional aircraft, general aviation, military aircraft, and helicopter. Commercial aircraft is likely to remain the most dominant and fastest-growing segment of the global aircraft brackets market during the forecast period. Increasing production rates of key programs, such as B737 and A320 family, to support rising passenger traffic; market entry of new players, such as COMAC; and the introduction of fuel-efficient variants of existing aircraft programs, such as B737 max, A320neo, are the major factors driving the demand for brackets in the commercial aircraft segment.

Based on the application type, the market is segmented into fuselage, wings, control surfaces, and others. Fuselage is likely to remain the most dominant segment of the aircraft brackets market during the forecast period. It is the biggest application in an aircraft and requires brackets in large quantities. For instance, there are several components and parts, such as airframe assembly, where brackets are used. Control surfaces are likely to be the fastest growing application segment during the same period.

Based on the bracket type, the market is segmented into class A, class B, and class C. Class B brackets are likely to remain the most dominant and fastest growing segment of the global aircraft brackets market during the forecast period. Class B brackets are removable and can be attached to class A brackets or directly to the structure. Further, there is also a huge demand for class B brackets at the aftermarket level, owing to the fact that they are replaced during periodic maintenance of aircraft in case of any damage.

Based on the material type, the market is segmented into aluminum, steel, and others. Aluminum brackets are likely to remain the most dominant segment of the global aircraft

brackets market during the forecast period, driven by its high compatibility with aluminum parts, its non-ferrous properties, excellent strength-to-weight ratio, and high conductivity. Other materials which basically include composites and metal-alloys are also expected to witness healthy growth rates over the next five years, owing to an increasing penetration of composite materials in the aerospace industry and a growing acceptance of 3D printed brackets.

Based on the end-user type, the market is segmented into OE and aftermarket. OE sales are likely to remain the most dominant segment of the global aircraft brackets market during the forecast period, driven by an increased production of commercial aircraft to meet rising passenger traffic across the globe. Aftermarket sales are expected to be the faster-growing segment during the forecast period, owing to increasing upgrade of existing aircraft fleet and periodic maintenance of active aircraft.

In terms of regions, North America is projected to remain the largest market for aircraft brackets during the forecast period. The USA is the growth engine of the region's market and has one of the largest fleets of commercial and military aircraft across the world. Presence of major OEMs, tier players, bracket manufacturers, and raw material suppliers are primarily driving the demand for brackets in the country.

Asia-Pacific is expected to witness the highest growth in the global aircraft brackets market during the same period, owing to an increasing presence of major aircraft OEMs in the region, market entry of new players, such as COMAC to mitigate the level of dependency on Boeing and Airbus, and increasing commercial aircraft fleet size to meet rising passenger traffic.

The supply chain of this market comprises raw material suppliers, bracket manufacturers, tier players, aircraft OEMs, airline companies, leasing companies, and MRO companies. The key aircraft bracket manufacturing companies are Triumph Group Inc., Arconic Inc., Premium Aerotec, Precision Castparts Corp., Tri-Mack Plastics Manufacturing Corporation, AIM Aerospace Inc., Daher Socata SAS, Denroy Plastics Ltd., Spirit Aerosystems Inc., and Stroco Manufacturing Inc. New product development and formation of long-term supply agreements are some of the most common strategies adopted by the major players in order to remain competitive 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 700 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. We conducted more than 10 detailed primary interviews with the market players across the value chain in all four regions and industry experts to obtain both 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 into 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, New product launches, etc.

Attractive market segments and associated growth opportunities

Emerging trends

Strategic growth opportunities for the existing and new players

Key success factors

The global aircraft brackets market is segmented into the following categories.

Aircraft Brackets Market, By Aircraft Type

Commercial Aircraft (Regional Analysis: North America, Europe, Asia-Pacific, and RoW)

Regional Aircraft (Regional Analysis: North America, Europe, Asia-Pacific, and RoW)

General Aviation (Regional Analysis: North America, Europe, Asia-Pacific, and RoW)

Military Aircraft (Regional Analysis: North America, Europe, Asia-Pacific, and RoW)

Helicopter (Regional Analysis: North America, Europe, Asia-Pacific, and RoW)

Aircraft Brackets Market, By Application Type

Fuselage (Regional Analysis: North America, Europe, Asia-Pacific, and RoW)

Wings (Regional Analysis: North America, Europe, Asia-Pacific, and RoW)

Control Surfaces (Regional Analysis: North America, Europe, Asia-Pacific, and RoW)

Others (Regional Analysis: North America, Europe, Asia-Pacific, and RoW)

## Aircraft Brackets Market, By Bracket Type

Class A (Regional Analysis: North America, Europe, Asia-Pacific, and RoW)

Class B (Regional Analysis: North America, Europe, Asia-Pacific, and RoW)

Class C (Regional Analysis: North America, Europe, Asia-Pacific, and RoW)

## Aircraft Brackets Market, By Material Type

Aluminum Brackets (Regional Analysis: North America, Europe, Asia-Pacific, and RoW)

Steel Brackets (Regional Analysis: North America, Europe, Asia-Pacific, and RoW)

Other Brackets (Regional Analysis: North America, Europe, Asia-Pacific, and RoW)

## Aircraft Brackets Market, By End-User Type

OE (Regional Analysis: North America, Europe, Asia-Pacific, and RoW)

Aftermarket (Regional Analysis: North America, Europe, Asia-Pacific, and RoW)

## Aircraft Brackets Market, By Region

North America (Country Analysis: the USA, Canada, and Mexico)

Europe (Country Analysis: Germany, France, the UK, Spain, Russia, and Rest of Europe)

Asia-Pacific (Country Analysis: China, Japan, India, and Rest of Asia-Pacific)

Rest of the World (Sub-Region Analysis: The Middle East, Latin America, and Others)

## 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 three players)

SWOT analysis of key players (up to three players)

## Market Segmentation

Current market segmentation of any one of the aircraft types by application 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 sectors.

In case of any custom research requirement related to market assessment, competitive benchmarking, sourcing and procurement, target screening, and others, please send

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