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Aircraft Doors Market Research Report - Global Forecast till 2030

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Description:

Aircraft Doors Market Scenario

Aircraft Doors Market Size Valued at USD 5.2 Billion, market Grow at a CAGR Of 6.8% by 2020 -2030

Aircraft doors are designed and developed with utmost precision to meet the required safety and internal pressure and access control and management in various compartments of the aircraft. These doors are designed to withstand a variety of altitudes, temperatures, and adverse climatic conditions for an extended period of service life.

Market Synopsis

The Global Aircraft Doors Market is expected to register significant growth during the forecast period, owing to the increasing aircraft deliveries due to rising air passenger traffic. Furthermore, the growing focus of authorities on replacing existing aircraft doors is also expected to drive the growth of the market. Additionally, the increasing contracts between companies such as Triumph Group and the Boeing Company are also expected to drive the growth of the market. For example, in June 2018, Triumph Group signed an agreement with Boeing to supply aerospace structures, including horizontal stabilizers, doors and wing sections. However, issues related to the recyclability of the composite materials and stringent aviation regulations might hamper the growth of the global market.

Moreover, the ongoing COVID-19 pandemic is also expected to hamper the growth of the market. As the international borders are closed, air traveling has reduced. Additionally, more aircraft are being grounded, and airliners are delaying their aircraft delivery due to disrupted supply chains. Such factors are expected to hamper the growth of the global market. However, the increasing initiatives undertaken by the governments of countries such as the US, China, India, and Brazil to reduce the impact on the aviation industry might provide an opportunity for the growth of the aircraft doors market in the coming years.

Market USP

The introduction of various technologies such as advanced composite materials for aircraft doors and resin transfer molding technology for manufacturing aircraft doors are expected to drive the market growth.

Market Drivers

- **Growing aircraft deliveries**
- **Increase in need for lightweight aircraft doors:** Manufacturers are focusing on using composite materials to enhance tensile strength and other physical properties for reducing production cost and overall weight of the aircraft. This is expected to drive the growth of the global market during the forecast period.

Market Restraints

- Issues related to the recyclability of composite materials
- Existing backlogs in aircraft deliveries
- Stringent regulatory environment

Segmentation

By End-User

- **OEM:** The OEM segment dominated the global aircraft doors market in 2019 and is expected to grow at a higher CAGR during the review period owing to the rising demand for new aircraft to cater to the growing air passenger traffic.

- **Aftermarket:** The aftermarket segment is expected to grow with a significant CAGR during the forecast period, 2020 to 2026, as there is a large global aircraft fleet in operation, thus driving the demand for aftermarket services for aircraft doors.

By Application

- **Commercial:** The commercial segment dominated the market in 2019 and is expected to grow at a higher CAGR during the forecast period, 2020 to 2026. The increasing commercial aircraft orders to cater to the growing air passenger traffic is expected to drive the growth of the segment.
- **Military:** The military segment is expected to register a notable growth rate owing to factors such as the increasing demand for military aircraft with advanced capabilities. Furthermore, military modernization programs are also expected to drive the growth of the segment.

By Region

- **North America:** North America dominated the aircraft doors market in 2019 due to the presence of prominent companies such as American Airlines Group Inc. and Delastek Inc.
- **Europe:** The presence of prominent aircraft OEMs such as Airbus S.A.S is expected to drive the growth of the market in the region.
- **Asia-Pacific:** The market in this region is projected to register the highest CAGR during the forecast period. The growing aviation industry in countries such as China, Japan, and India is expected to increase the demand for aircraft doors in the region.
- **Rest of the World:** Increasing aircraft deliveries in countries such as GCC, Brazil, and South Africa are expected to increase the demand for aircraft doors in the region.

Key Players

- Safran (France)
- Hindustan Aeronautics Limited (India)
- Bombardier (Canada)
- Boeing (US)
- American Airlines Group Inc. (US)
- Aernnova Aerospace S.A. (Spain)
- Airbus S.A.S. (France)
- Latécoère (France)
- Saab AB (Sweden)
- Elbit Systems Ltd. (Israel)

Other Prominent Players

- Triumph Group (US)
- Esterline Technologies (US)
- Barnes Group Inc. (US)
- HONEYCOMB (US)
- DAHER (France)
- MITSUBISHI HEAVY INDUSTRIES, LTD. (Japan)
- Delastek Inc. (Canada)

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