Global Aerospace & Defense C-Class Parts Market - 2016 - 2021

Description: This report, studies the global aerospace and defense c-class parts 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 & Defense C-Class Parts Market: Highlights
Aerospace and defense c-class parts market includes low cost and high volume commodity parts such as fasteners and bearings. C-class aerospace parts are segmented into four major heads which are hardware components, bearings, electronic components and machined parts for both commercial and military aircraft. C-class parts are small in size and have low cost, but are one of the most critical components used in an aircraft. They are situated across the aircraft including fuselage, wings, landing gear fittings, control surfaces, flight control actuating systems, and air-intake areas near the engine.

Hardware components constitute nearly half of the c-class parts used in the aircraft industry and constitute parts including fasteners, bolts, screws, nuts, rivets, springs, valves, washers, etc. Fasteners, the largest category of hardware components, include a wide range of highly engineered aerospace parts that are designed to hold together two or more components. Bearings mainly include airframe control bearings, rod ends, ball bearings, needle roller bearings, bushings, and precision bearings. Electronic components include mainly connectors, relays, switches, circuit breakers, and lighted products. Machined parts mainly include brackets, milled parts, shims, stampings, and turned parts.

Changing dynamics in the global aerospace and defense industry have an impact on the c-class parts market. For instance, major OEMs, such as Boeing and Airbus are incorporating high amount of composite materials in their next generation aircraft. Composites rich aircraft generally require fewer c-class parts than an aircraft made of traditional non-composite materials. The parts used in next generation aircraft are generally priced higher than c-class aerospace parts used in non-composite aircraft structures.

The global aerospace & defense c-class parts market offers a healthy growth opportunity of 4.4% CAGR during the forecast period of 2016 to 2021 and reach US$ 12.1 billion. Increasing commercial and regional aircraft deliveries, technology advancement, and growing aerospace & defense fleet size are the key drivers in the global aerospace & defense C-class parts market.

Hardware components dominate the global aerospace & defense c-class parts market in 2015, followed by bearings, electronic components, and machined parts. North America is expected to remain the leading region in the aerospace & defense c-class parts market since it is the manufacturing hub of major tier players and aerospace & defense OEMs.

The supply chain of this market comprises raw material manufacturers, c-class part manufacturers, distributors, tier players, aerospace OEMs, and airline companies. The key distributors are Wesco Aircraft, Kellstrom industries, and Aviall Services and the key aerospace OEMs are Boeing, Airbus, Comac, Bombardier, Embraer, ATR, Lockheed Martin, Cessna, and Gulfstream.

The key aerospace & defense c-class part manufacturers are Precision Casts Parts (PCC) Fasteners, Arconic Fastening Systems, Lisi Aerospace, RBC Bearings, Stanley Black & Deker, Eaton Corporation, and Amphenol Corporation. New product development, collaboration with tier players and OEMs, and long term contacts are the key strategies adopted by the major players to gain competitive edge in the market.

Research Methodology
The reports offer high quality insights and are the outcome of detailed research methodology comprising extensive secondary research, rigorous primary interviews with industry stakeholders and validation and triangulation with an internal database and statistical tools. We leverage more than 1,000 authenticated secondary sources, such as company annual reports, fact book, press release, journals, investor presentation, white papers, patents, and articles to gather the data. More than 10 detailed primary interviews with the market players across the value chain in the all four regions and industry experts are usually 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.
- Strategic growth opportunities for the existing and new players.
- Key success factors.
- The global aerospace & defense C-Class parts market is segmented into the following categories.

Global Aerospace & Defense C-Class Parts Market by Aircraft Type:

- Commercial Aircraft
- Regional Aircraft
- General Aviation
- Helicopter
- Military Aircraft

Global Aerospace & Defense C-Class Parts Market by Part Type:

- Hardware Components
- Bearings
- Electronic Components
- Machined Parts

Global Aerospace & Defense C-Class Parts Market by Sales Channel

- Direct Sales
- Distributors
- Part Brokers

Global Aerospace & Defense C-Class Parts Market by End-Use

- OEM
- Aftermarket

Global Aerospace & Defense C-Class Parts Market by Region

- North America
- Europe
- Asia – Pacific
- Rest of the World
- Report Customization Options

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