

# Growth Opportunities for Superalloys in the Global Aerospace Industry 2015-2020: Trends, Forecast, and Opportunity Analysis, January 2016

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## Abstracts

According to this new market report, the future of superalloys in the aerospace market looks positive with opportunities in commercial, regional jet, general aviation, helicopter, and military aircraft segments. Superalloys in the global aerospace market is forecast to grow at a CAGR of 2.6% from 2015 to 2020. The major growth drivers of this market are increasing deliveries of aircraft and excellent mechanical properties of superalloys, such as high temperature, creep resistance, corrosion resistance, and thermal stability.

In this market, nickel base, nickel iron base, and cobalt base superalloys are used. Majority of superalloys usage are in the aircraft engines. The author predicts that the demand for nickel base superalloy is likely to experience the highest growth in the forecast period due to its excellent performance at high temperatures. On the basis of its comprehensive research, the author forecasts that the regional aircraft segment is likely to experience the highest growth in the forecast period supported by increasing regional aircraft deliveries.

Within the superalloys market, commercial aircraft is expected to remain the largest segment by aircraft type during the forecast period due to increasing demand of wide body commercial aircraft.

North America is expected to remain the largest region during forecast period due to the growth in the aircraft deliveries and the presence of major aircraft engine part manufacturers in this region. APAC is expected to grow with highest CAGR during the forecast period due to the growth in aircraft deliveries and increasing manufacturing activities in this region.

For market expansion, the report suggests innovation and new product development, where the unique characteristics of superalloys can be capitalized. The report further suggests the development of partnerships with customers to create win-win situations for the end users. Precision Castparts Corp. (Special metals), Alcoa, Allegheny Technologies Incorporated, Haynes International, Carpenter Technology, and Aperam are among the major suppliers of superalloys in the aerospace industry. Some companies are opting for backward integration as a strategic initiative for driving growth.

The author has analyzed opportunities for superalloys in the aerospace industry by aircraft type, base material type, and region and has come up with a comprehensive research report, "Growth Opportunities for Superalloys in the Global Aerospace Industry 2015-2020: Trends, Forecast, and Opportunity Analysis" The report serves as a springboard for growth strategy, as it provides a comprehensive data and analysis on trends, key drivers, and directions. The study includes a forecast for the superalloys in the global aerospace industry through 2020, segmented by aircraft type, base material type, and region as follows:

By aircraft type (Value in \$ Million and Volume in Million lbs. from 2009 to 2020):

Commercial Aircraft

Regional Aircraft

General aviation

Helicopter

Military Aircraft

By base material type (Value in \$ Million from 2009 to 2020):

Nickel base superalloy

Nickel iron base superalloy

Cobalt base superalloy

By region (Value in \$ Million and Volume in Million lbs. from 2009 to 2020):

North America

Europe

Asia Pacific

Rest of the World

This report answers following 11 key questions:

Q.1 What are some of the potential, high-growth opportunities for superalloys in the aerospace industry, by aircraft type, application and region?

Q.2. Which segments will grow at a faster pace and why?

Q.3. Which region will grow at a faster pace and why?

Q.4 What are the key factors affecting market dynamics? What are the drivers and challenges of the market?

Q.5. What are the business risks and threats to this market?

Q.6 What are the emerging trends in this market and reasons behind them?

Q.7 What are some changing demands of customers in the market?

Q.8 What are some of the new developments in the market and which companies are leading these developments?

Q.9 Who are the major players in this market? What strategic initiatives are being implemented by key players for business growth?

Q.10 How is the competitive rivalry and threat of substitution in this market?

Q.11. What are M&A activities have occurred in the last 5 years in this market? What are the reasons to these activities and how have they impacted the industry?

This unique report will provide you with valuable information, insights, and tools needed to identify new growth opportunities and operate your business successfully in this market. This report will save hundreds of hours of your own personal research time and will significantly benefit you in expanding your business in this market. In today's stringent economy, you need every advantage that you can find.

Features of This Report:

To make business, investment, and strategic decisions, you need timely, useful

information. This market report fulfills this core need and is an indispensable reference guide for multinational materials suppliers, product manufacturers, investors, executives, distributors, and many more that operate in this market.

Some of the features of “Growth Opportunities for Superalloys in the Global Aerospace Industry 2015-2020: Trends, Forecast, and Opportunity Analysis” include:

Market size estimates: Superalloys in the global aerospace industry size estimation in terms of volume (M lbs.) and value (\$M) shipment.

Trend and forecast analysis: Superalloys in global the aerospace industry trend (2009-2014) and forecast (2015-2020) by region, aircraft type and by base material type.

Segmentation analysis: Superalloys in the global aerospace industry size by various aircraft types such as commercial aircraft, regional jet, general aviation, helicopter and military aircraft both in terms of volume and value shipment.

Regional analysis: Superalloys in the global aerospace industry breakdown by key region such as North America, Europe, Asia Pacific, and Rest of World.

Growth opportunities: Analysis on growth opportunities in different aircraft type and regions.

Strategic analysis: This includes M&A, new product development, competitive landscape, and expansion strategies of superalloys products suppliers in the global aerospace industry.

Analysis of competitive intensity of the industry based on Porter’s Five Forces model.

#### Benefits of Report:

The core competency is in market research and management consulting. In last 15 years, the author has worked on hundreds of market & economic research studies. The market reports offer the following benefits:

Enhance your growth strategy with the information of key market segments and

growth applications.

Fine tune your business expansion with analysis of trend and forecast and key emerging trends in the industry.

Explore business opportunities and ascertain new market entry with analysis of emerging geographies

Know the business environment with the competitive intensity of the industry, new developments and merger and acquisition deals.

### Who Can Benefit From This Report?

This study is intended for senior level executives, sales, marketing and business development professionals at various nodes of value chain of this market. This multi-client market study from Lucintel is used by small to multi-national Fortune 500 companies and utilized for a variety of reasons as follows.

Business development

Strategic planning

Business presentation

Determination of market size and trend

Competitive analysis

Resource and inventory management

Budgeting

Investment decisions

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