

Opportunities for Composites in the Global Aerospace Market 2014-2033

<https://marketpublishers.com/r/O7F28E34D21EN.html>

Date: February 2013

Pages: 297

Price: US\$ 4,900.00 (Single User License)

ID: O7F28E34D21EN

Abstracts

High order backlog and an increasing production rate for various aircraft as well as high penetration are the main drivers for significant composite materials demand in the aerospace industry. Lucintel expects a major rebound in the market, especially in APAC region which is observing high demand for aircraft. Composite materials market is anticipated to grow to 139 million pounds, valued at \$5.9 billion in 2033.

Lucintel, a leading global management consulting and market research firm, has conducted a competitive analysis on the industry and presents its findings in "Opportunities for Composites in the Global Aerospace Market 2014-2033". The report analyzes the aerospace market for all the four regions along with the risk factors and growth opportunities. The aerospace market is segmented by APAC, Europe, North America, and ROW regions.

The global aerospace industry has a strong long-term demand for products and services, driven by robust passenger and cargo demand. Lucintel predicts continued growth across all the sectors of civil aircraft. In terms of aircraft units, the majority of deliveries will be in the business jet and single-aisle mainline markets; however, in value terms, twin-aisle aircraft designed for use on longer-range routes dominate the market. The fastest growing segments will be the 200- to 350-seat twin-aisle sector, large regional jets, and very light business jets. The Boeing 787 uses composites for approximately 50% of its total structural weight. Both the Airbus A380 and the 787 contain more than 100,000 pounds of composites per aircraft. Composites consumption in the commercial aerospace industry will be driven by three programs: Boeing 787, A350 XWB, and A380.

Although North America dominates the global aerospace market, APAC has a huge and

growing demand for aircraft. China and India, the two large and emerging economies of this region, are growing rapidly.

Lucintel highlights key challenges faced by the aerospace industry. Decreasing defense budget in North America and Europe will be partially offset by increased defense spending in emerging markets. China manufactures its defense aircraft indigenously. Various aircraft are developed under license and various programs are copies of other countries' defense aircraft. Defense aircraft represent the major portion of India's defense procurement budget.

The report is a comprehensive overview of the advanced composite materials market in the global aerospace industry. It provides a top-down view, starting from a useful characterization of the aerospace market itself with accurate breakdown in the main segments and sub-segments (commercial aircraft, regional aircraft, defense, etc.). The report contains detailed figures of the volumes (and associated market value) of composites consumed in the different aerospace segments and sub-segments.

Lucintel's analysis also provides technical information regarding composite applications and processes used in the manufacturing of various aircraft components. The report also includes a useful and comprehensive directory of the main players and manufacturers in the industry.

This unique report from Lucintel 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 any investment, business or strategic decisions, you need adequate and timely information. This market report fulfills this core need. This is an indispensable reference guide for composite material suppliers, product manufacturers, investors, researchers, engineers, distributors and many more who are dealing with aerospace industry.

Some of the features of Opportunities for Composites in Global Aerospace Market 2014-2033 report are:

Global aerospace market intelligence with special emphasis on narrow-body and wide-body aircraft in the commercial aerospace industry

Market size estimates in terms of (\$) value and number of units delivered in various market segments of the aerospace industry

Regional analysis: Aerospace market breakdown by key regions of North America, Europe, Asia Pacific, and Rest of the World in terms of value and volume

Competitive analysis: Market shares of the industry leaders in various segments of the aerospace market.

Growth trends for last 10 years and forecasts for next 20 years in terms of dollar shipment and units delivered for the total aerospace market and also for various industry segments

Materials analysis: Amount of materials consumed by market segments

Composite materials shipment (M of pounds and \$M) into aerospace markets

Application analysis: Lists of composite parts and primary structures in more than 100 aircraft makes with type of reinforcements and resins used in the manufacturing processes

Composite materials shipment (M of pounds and \$M) in different structures

Raw materials analysis: Composite materials shipped by type of reinforcements for various market segments of the aerospace industry

Manufacturing process analysis: Manufacturing processes used in making a variety of parts for over 100 aircraft makes. Composite materials shipment by type of manufacturing processes

Trends in composite materials shipment (M of pounds and \$M) for various market segments of the aerospace industry for the last 10 years

Forecasts in composite materials for the next 20 years in terms of dollar shipment and volume shipment for the total aerospace market and also for

industry segments

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