

Value Chain Analysis of Boeing 787: 2011-2016, October 2011

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Abstracts

Background:

In calendar year 2010, total market shipment value at OEM level for Boeing 787 was US\$1.11 billion and market at this level is expected to reach \$26.68 billion by 2016 with a CAGR of 166% over the next five years.

Lucintel, a leading global management consulting and market research firm, has analyzed the Boeing 787 value chain and published a comprehensive research report, "Value Chain Analysis of Boeing 787."

Boeing found itself in the crucial situation of having lost market share to Airbus. Boeing had to act in response by enhancing customer benefits to recapture an advantage over its competitors. The fundamental idea was an innovative renovation in the supply chain process, which would redefine Boeing's role as a coordinator and integrator rather than simply the manufacturer. At the heart of the supply chain transformation process was the strategy to outsource more than 70% of the 787's production.

Boeing introduced new project management techniques by sharing risk with partners. The companies sharing risk transformed the entire 787 program. It is the first time in the aerospace industry that the risk at the OEM level is shared by the Tier I suppliers of the company. This has created high economic value for Boeing. The risk shared by partners in investing their own capital in the 787 program cut approximately 55% of Boeing's development cost required for the program, which is US \$6 billion.

Boeing's outsourcing process has dramatically reduced the manufacturing time from roughly two weeks to as little as three days. Saving such significant time greatly

decreases labor and inventory costs for the company as outsourced components reach the assembly site with pre-fitted sub-systems. This approach streamlines and adds efficiencies to the assembly process. This Lucintel research report provides insights regarding the global aerospace industry and Boeing, in addition to a supply chain and value chain analysis of Boeing. The report also addresses market forecast and lessons learned from the 787 project.

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

Features of This Report:

To make business, investment, or strategic decisions, you need timely and adequate information. This market report fulfills this core need and is an indispensable reference guide for multi-national material suppliers, product manufacturers, investors, executives, distributors and many more, who are dealing with this market.

Some of the features of "Value Chain Analysis of Boeing 787: 2011-2016" are:

The Global aerospace industry by region in terms of unit shipment

Boeing 787 market in terms of (\$) value shipment

Boeing company overview, vision and segments

Boeing supply chain management

Value chain and cost analysis of B787

Market size (\$) at various structural levels (Tier II, Tier I, and OEM)

Market forecast for 2011-2016

Benefits of Lucintel Report:

Lucintel's core competency is in market research and management consulting. In last 12 years, Lucintel has worked on hundreds of market research studies. Lucintel's market reports offer the following benefits:

It saves your money, as compared to doing research in-house. (\$50,000+)

It saves your time. Lucintel delivers the report in hours vs. months of in-house data collection and report writing.

It is an un-biased source of industry facts, intelligence and insights.

It helps you make confident business decisions quickly.

Who Can Benefit From This Report?

This study is intended for material suppliers, parts fabricators, OEMs, investors, executives and consultants. 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

Personnel training

Budgeting

Investment Decision

Research Methodology:

Lucintel has closely tracked and conducted research on composites and other markets since 1998. This research project was designed for the purposes of determining strategy of maximization of profits with reduced exposure, get an insight about supplier selection criteria of the OEM, In-depth study of outsourcing strategy of the OEM; and also trace revenues, product portfolio, JVs and customers of all the OEMs and Tier 1& 2 and Tier 3 players. Value addition done at various structural nodes by different participants of the B787 supply chain. This study is a culmination of 7 months of full-time effort performed by Lucintel's analyst team.

Our analysts used the following sources for the creation and completion of this valuable report:

In-depth research on major Tier I suppliers and risk sharing partners of B787 project

In-depth secondary research and telephonic interviews with significant supply chain (such as Boeing, Alenia, Spirit, KHI, MHI, FHI, and Triumph etc)

In-depth secondary research from financial statements and annual reports of the competitors

Extensive search of current published literature, market and database information including industry news, company press releases, and customer intentions.

A compilation of the experiences, judgments, and insights of Lucintel's professional network, who have analyzed and tracked the composites marketplace for a decade.

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