

The Aerospace Composites Market 2012-2022

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Abstracts

Since composites were first used on secondary structures in military aircraft around forty years ago, there has been a gradual expansion in their usage, into new market segments (commercial aircraft, helicopters) and alternative structures (airframes, fuselage, rotor blades). Visiongain has determined that the value of the global aerospace composites market in 2012 will reach \$10.3bn.

The adoption of composites materials as replacement for traditional component materials, driven in part by a desire to reduce aircraft fuel and maintenance costs, was most evident with the introduction of the new Boeing 787 Dreamliner. Made using more than 50% of composite materials, the Boeing 787 Dreamliner looks set to be one of the fastest selling commercial aircraft in history and its development has set a new standard in aircraft design, something which other OEM's have taken account of by integrating significant amounts of composite materials into their new aircraft. With global demand for air travel opening up new opportunities for aviation, manufacturers are keen to exploit the advantage offered by composites.

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Visiongain consulted widely with industry experts and full transcripts from these exclusive interviews are included in the report. As such, our reports have a unique blend of primary and secondary sources providing informed opinion. This approach allows insight into the key drivers and restraints behind contract and programme developments, as well as identifying the leading companies. The report also presents a unique blend of qualitative analysis combined with extensive quantitative data including global, submarket and regional markets forecasts from 2012-2022 - all highlighting strategic business opportunities.

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Business Jets

Military Aircraft

Commercial Helicopters

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Contents

1. EXECUTIVE SUMMARY

- 1.1 The Aerospace Composites Market Overview
- 1.2 Benefits of the Aerospace Composites Report 2012-2022
- 1.3 Highlights of the Aerospace Composites Report 2012-2022
- 1.4 Who is the Aerospace Composites Report 2012-2022 for?
- 1.5 Methodology
- 1.6 Overview of the Aerospace Composites Report 2012-2022
- 1.7 The Aerospace Composites Market 2012-2022
- 1.8 The Leading National Aerospace Composites 2012-2022
- 1.9 The Aerospace Composites Market 2012-2022 by Fibre
- 1.10 The Aerospace Composites Market 2012-2022 by Aircraft Type

2. INTRODUCTION TO THE AEROSPACE COMPOSITES MARKET

- 2.1 What are Composites?
- 2.2 Composite Usage
- 2.3 Carbon Fibres
- 2.4 Glass Fibres
- 2.5 Aramid Fibres
- 2.6 Other Common Fibres
- 2.7 Matrixes
 - 2.7.1 Polymer Matrix Composite (PMC)
 - 2.7.2 Metal Matrix Composite (MMC)
 - 2.7.3 Ceramic Matrix Composite (CMC)
- 2.8 Aerospace Composites Supply Chain
- 2.9 A Brief History of Composites use in Aerospace

3. THE GLOBAL AEROSPACE COMPOSITES MARKET 2012-2022

- 3.1 Global Aerospace Composites Market
- 3.2 Geographic Analysis of the Global Aerospace Composites Market
 - 3.2.1 The Asian Aerospace Composites Market
 - 3.2.2 The European Aerospace Composites Market
 - 3.2.3 The Latin American Aerospace Composites Market
 - 3.2.4 Middle East and African Aerospace Composites Market
 - 3.2.5 North American Aerospace Composites Market

3.3 Aerospace Composites Submarket by Aircraft Type 2012-2022

3.3.1 Commercial Aircraft Composites Submarket 2012-2022

3.3.2 Business Jets Aircraft Composites Submarket 2012-2022

3.3.3 Military Aircraft Composite Submarket 2012-2022

3.3.4 Commercial Helicopter Composite Submarket 2012-2022

3.4 The Aerospace Composites Submarket by Fibre Type 2012-2022

3.4.1 Aramid Fibre Submarket Forecast 2012-2022

3.4.2 Glass Fibre Submarket Forecast 2012-2022

3.4.3 Carbon Fibre Submarket Forecast 2012-2022

4. LEADING NATIONAL AEROSPACE COMPOSITE MARKETS 2012-2022

4.1 US Aerospace Composites Market 2012-2022

4.2 Japanese Aerospace Composites Market 2012-2022

4.3 German Aerospace Composites Market 2012-2022

4.4 Chinese Aerospace Composites Market 2012-2022

4.5 French Aerospace Composites Market 2012-2022

4.6 UK Aerospace Composites Market 2012-2022

4.7 Canadian Aerospace Composites Market 2012-2022

4.8 Italian Aerospace Composites Market 2012-2022

4.9 Indian Aerospace Composites Market 2012-2022

4.10 Brazilian Aerospace Composites Market 2012-2022

5. SWOT ANALYSIS OF THE AEROSPACE COMPOSITES MARKET 2012-2022

5.1 Strengths

5.1.1 High Strength per Weight makes Composites Attractive for Aerospace

5.1.2 The Benefits of Being Light Weight

5.2 Weaknesses

5.2.1 Cost of Production

5.2.2 Difficulties in Recycling

5.3 Opportunities

5.3.1 Mass Production

5.3.2 Characteristics of Composites

5.4 Threats

5.4.1 Lack of Understanding of Composites in Long Term Use

6. EXPERT OPINION

6.1 AGY

- 6.1.1 AGY's Recent Involvement in the Aerospace Composites Market
- 6.1.2 Key Trends and Developments in the Aerospace Composites Market
- 6.1.3 Technological Developments in the Aerospace Composites Market
- 6.1.4 Regional Growth in the Aerospace Composites Market
- 6.1.5 Expected Growth Rates for the Aerospace Composites Market
- 6.1.6 Challenges and Opportunities for the Aerospace Composites Market

6.2 Composites World

- 6.2.1 Key Trends and Developments in Aerospace Composites
- 6.2.2 Main Technological Developments over the Next 10 Years
- 6.2.3 Regional Growth in the Aerospace Composites Market
- 6.2.4 Commercial Actions Affecting the Aerospace Composite Market

7. LEADING COMPANIES IN THE AEROSPACE COMPOSITES MARKET

7.1 AGY

7.2 BASF

7.3 Coriolis Composites

7.4 Cytec Industries Incorporated

7.5 DuPont

7.6 GKN Aerospace

7.7 Gurit

7.8 Hexcel

7.9 Huntsman Advanced Materials

7.10 Lola Group

7.11 Mitsubishi Rayon

7.12 Mubadala Aerospace

7.13 PGG Industries

7.14 Saertex

7.15 Safran S.A.

7.16 SGL Group

7.17 Sigmatex

7.18 Teijin

7.19 Toray

7.20 Umeco Plc

8. CONCLUSIONS

8.1 Growth of the Global Aerospace Composite Market 2012-2022

- 8.2 Aerospace Composites Submarket Growth by Fibre Type
- 8.3 Leading National Aerospace Composites Markets Growth
- 8.4 The Future of the Global Aerospace Composites Market

9. GLOSSARY

List Of Tables

LIST OF TABLES

Table 3.1 Global Aerospace Composites Market Forecast 2012-2022 (\$bn, AGR %)

Table 3.2 Global Aerospace Composites Market Forecast CAGR (%) 2012-2022, 2012-2017, and 2017-2022

Table 3.3 Aerospace Composites Submarkets Forecast by Aircraft Type 2012-2022 (\$bn, AGR%)

Table 3.4 Commercial Aircraft Composites Submarket Forecast 2012-2022 (\$bn, AGR%)

Table 3.5 Commercial Aircraft Composites Submarket Forecast CAGR (%) 2012-2022, 2012-2017, and 2017-2022

Table 3.6 Business Jets Aircraft Composites Submarket Forecast 2012-2022 (\$bn, AGR%)

Table 3.7 Business Jets Aircraft Composites Market Forecast CAGR (%) 2012-2022, 2012-2017, and 2017-2022

Table 3.8 Military Aircraft Composites Market Forecast 2012-2022 (\$bn, AGR%)

Table 3.9 Military Aircraft Composites Market Forecast CAGR (%) 2012-2022, 2012-2017, and 2017-2022

Table 3.10 Commercial Helicopter Composites Market Forecast 2012-2022 (\$bn, AGR%)

Table 3.11 Commercial Helicopter Composites Market Forecast CAGR (%) 2012-2022, 2012-2017, and 2017-2022

Table 3.12 Aramid Fibre Submarket Forecast 2012-2022 (\$bn, AGR%)

Table 3.13 Aramid Fibre Submarket Forecast CAGR (%) 2012-2022, 2012-2017, and 2017-2022

Table 3.14 Glass Fibre Submarket Forecast 2012, 2017 and 2022 (% Share)

Table 3.15 Glass Fibre Submarket Forecast CAGR (%) 2012-2022, 2012-2017, and 2017-2022

Table 3.16 Carbon Fibre Submarket Forecast 2012-2022 (\$bn, AGR%)

Table 3.17 Carbon Fibre Submarket Forecast CAGR (%) 2012-2022, 2012-2017, and 2017-2022

Table 4.1 Leading National Aerospace Composites Markets Forecast 2012-2022 (\$bn, AGR %)

Table 4.2 US Aerospace Composites Market Forecast Summary 2012, 2017 and 2022 (\$bn, Rank, % Share, CAGR %, Cumulative)

Table 4.3 US Aerospace Composites Market Forecast 2012-2022 (\$bn, AGR %)

Table 4.4 US Aerospace Composites Market Forecast CAGR (%) 2012-2022,

2012-2017, and 2017-2022

Table 4.5 Major US Aerospace Composites Market Contract Developments

Table 4.6 Japanese Aerospace Composites Market Forecast Summary 2012, 2017 and 2022 (\$bn, Rank, % Share, CAGR %, Cumulative)

Table 4.7 Japanese Aerospace Composites Market Forecast 2012-2022 (\$bn, AGR %)

Table 4.8 Japanese Aerospace Composites Market Forecast CAGR (%) 2012-2022, 2012-2017, and 2017-2022

Table 4.9 Major Japanese Aerospace Composites Market Contract Developments

Table 4.10 German Aerospace Composites Market Forecast Summary 2012, 2017 and 2022 (\$bn, Rank, % Share, CAGR %, Cumulative)

Table 4.11 German Aerospace Composites Market Forecast 2012-2022 (\$bn, AGR %)

Table 4.12 German Aerospace Composites Market Forecast CAGR (%) 2012-2022, 2012-2017, and 2017-2022

Table 4.13 Major Germany Aerospace Composites Market Contract Developments

Table 4.14 Chinese Aerospace Composites Market Forecast Summary 2012, 2017 and 2022 (\$bn, Rank, % Share, CAGR %, Cumulative)

Table 4.15 Chinese Aerospace Composites Market Forecast 2012-2022 (\$bn, AGR %)

Table 4.16 Chinese Aerospace Composites Market Forecast CAGR (%) 2012-2022, 2012-2017, and 2017-2022

Table 4.17 Major Chinese Aerospace Composites Market Contract Developments

Table 4.18 French Aerospace Composites Market Forecast Summary 2012, 2017 and 2022 (\$bn, Rank, % Share, CAGR %, Cumulative)

Table 4.19 French Aerospace Composites Market Forecast 2012-2022 (\$bn, AGR %)

Table 4.20 French Aerospace Composites Market Forecast CAGR (%) 2012-2022, 2012-2017, and 2017-2022

Table 4.21 French Aerospace Composites Market Contracts and Developments

Table 4.22 UK Aerospace Composites Market Forecast Summary 2012, 2017 and 2022 (\$bn, Rank, % Share, CAGR %, Cumulative)

Table 4.23 UK Aerospace Composites Market Forecast 2012-2022 (\$bn, AGR %)

Table 4.24 UK Aerospace Composites Market Forecast CAGR (%) 2012-2022, 2012-2017, and 2017-2022

Table 4.25 Major UK Aerospace Composites Market Contract Developments

Table 4.26 Canadian Aerospace Composites Market Forecast Summary 2012, 2017 and 2022 (\$bn, Rank, % Share, CAGR %, Cumulative)

Table 4.27 Canadian Aerospace Composites Market Forecast 2012-2022 (\$bn, AGR %)

Table 4.28 Canadian Aerospace Composites Market Forecast CAGR (%) 2012-2022, 2012-2017, and 2017-2022

Table 4.29 Major Canadian Aerospace Composites Market Contract Developments

Table 4.30 Italian Aerospace Composites Market Forecast Summary 2012, 2017 and

2022 (\$bn, Rank, % Share, CAGR %, Cumulative)

Table 4.31 Italian Aerospace Composites Market Forecast 2012-2022 (\$bn, AGR %)

Table 4.32 Italian Aerospace Composites Market Forecast CAGR (%) 2012-2022, 2012-2017, and 2017-2022

Table 4.33 Major Italian Aerospace Composites Market Contract Developments

Table 4.34 Indian Aerospace Composites Market Forecast Summary 2012, 2017 and 2022 (\$bn, Rank, % Share, CAGR %, Cumulative)

Table 4.35 Indian Aerospace Composites Market Forecast 2012-2022 (\$bn, AGR %)

Table 4.36 Indian Aerospace Composites Market Forecast CAGR (%) 2012-2022, 2012-2017, and 2017-2022

Table 4.37 Major Indian Aerospace Composites Market Contract Developments

Table 4.38 Brazilian Aerospace Composites Market Forecast Summary 2012, 2017 and 2022 (\$bn, Rank, % Share, CAGR %, Cumulative)

Table 4.39 Brazilian Aerospace Composites Market Forecast 2012-2022 (\$bn, AGR %)

Table 4.40 Brazilian Aerospace Composites Market Forecast CAGR (%) 2012-2022, 2012-2017, and 2017-2022

Table 4.41 Major Brazilian Aerospace Composites Market Contract Developments

Table 5.1 SWOT Analysis of the Aerospace Composites Market 2012-2022

Table 7.1 Other Notable Companies in the Aerospace Composites Market

List Of Figures

LIST OF FIGURES

Figure 2.1 Notable Instances of Composites Used in Aircraft (By % of Weight)
1950-2020

Figure 3.1 Global Aerospace Composites Market Forecast 2012-2022 (\$bn)

Figure 3.2 Example of Composites Used in Commercial Aircraft

Figure 3.3 Aerospace Composites Submarkets Share by Aircraft Type 2012 (%)

Figure 3.4 Aerospace Composites Submarkets Share by Aircraft Type 2017 (%)

Figure 3.5 Aerospace Composites Submarkets Share by Aircraft Type 2022 (%)

Figure 3.6 Commercial Aircraft Composites Submarket Forecast 2012-2022 (\$bn)

Figure 3.7 Business Jets Aircraft Composites Market Forecast 2012-2022 (\$bn)

Figure 3.8 Military Aircraft Composites Market Forecast 2012-2022 (\$bn)

Figure 3.9 Commercial Helicopter Composites Market Forecast 2012-2022 (\$bn)

Figure 3.10 Aerospace Composites Submarket Forecast by Fibre Type 2012, 2017 and 2022 (\$bn)

Figure 3.11 Aerospace Composites Submarket Forecast by Fibre Type 2012 (% Share)

Figure 3.12 Aerospace Composites Submarket Forecast by Fibre Type 2017 (% Share)

Figure 3.13 Aerospace Composites Submarket Forecast by Fibre Type 2022 (% Share)

Figure 3.14 Aramid Fibre Submarket Forecast 2012-2022 (\$bn)

Figure 3.15 Glass Fibre Submarket Forecast 2012-2022 (\$bn)

Figure 3.16 Carbon Fibre Submarket Forecast 2012-2022 (\$bn)

Figure 4.1 Leading National Aerospace Composites Markets Forecast 2012-2022 (\$bn)

Figure 4.2 Leading National Aerospace Composites Market Share 2012 (%)

Figure 4.3 Leading National Aerospace Composites Market Share 2017 (%)

Figure 4.4 Leading National Aerospace Composites Market Share 2022 (%)

Figure 4.5 US Aerospace Composites Market Share Forecast 2012, 2017 and 2022 (% Share)

Figure 4.6 US Aerospace Composites Market Forecast 2012-2022 (\$bn)

Figure 4.7 Japanese Aerospace Composites Market Share Forecast 2012, 2017 and 2022 (% Share)

Figure 4.8 Japanese Aerospace Composites Market Forecast 2012-2022 (\$bn)

Figure 4.9 German Aerospace Composites Market Share Forecast 2012, 2017 and 2022 (% Share)

Figure 4.10 German Aerospace Composites Market Forecast 2012-2022 (\$bn)

Figure 4.11 Chinese Aerospace Composites Market Share Forecast 2012, 2017 and 2022 (% Share)

Figure 4.12 Chinese Aerospace Composites Market Forecast 2012-2022 (\$bn)

Figure 4.13 French Aerospace Composites Market Share Forecast 2012, 2017 and 2022 (% Share)

Figure 4.14 French Aerospace Composites Market Forecast 2012-2022 (\$bn)

Figure 4.15 UK Aerospace Composites Market Share Forecast 2012, 2017 and 2022 (% Share)

Figure 4.16 UK Aerospace Composites Market Forecast 2012-2022 (\$bn)

Figure 4.17 Canadian Aerospace Composites Market Share Forecast 2012, 2017 and 2022 (% Share)

Figure 4.18 Canadian Aerospace Composites Market Forecast 2012-2022 (\$bn)

Figure 4.19 Italian Aerospace Composites Market Share Forecast 2012, 2017 and 2022 (% Share)

Figure 4.20 Italian Aerospace Composites Market Forecast 2012-2022 (\$bn)

Figure 4.21 Indian Aerospace Composites Market Share Forecast 2012, 2017 and 2022 (% Share)

Figure 4.22 Indian Aerospace Composites Market Forecast 2012-2022 (\$bn)

Figure 4.23 Brazilian Aerospace Composites Market Share Forecast 2012, 2017 and 2022 (% Share)

Figure 4.24 Brazilian Aerospace Composites Market Forecast 2012-2022 (\$bn)

COMPANIES LISTED

3M

Aberforth

Abu Dhabi Aircraft Technologies (ADAT)

Adam Aircraft

Advanced Military Maintenance Repair and Overhaul Centre (AMMROC)

AgustaWestland

AGY

AGY Asia

AGY US

Airbus

Aircelle

AIROD

Alcoa

Alenia

Alitalia

All Nippon Airways (ANA)

AMT Composites

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Aviation Partners Boeing
Avio
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Bell Helicopter
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Bombardier Transportation
British Airways
Brookhouse
CAE
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CFM International
Chengdu Aircraft Group
CHTC KAMA
Commercial Aircraft Corporation of China, Ltd. (COMAC)
Composites World
Coriolis Composites
Cyttec Industries Incorporated
Dassault Group
DSM
DuPont
EADS (European Aeronautic Defence and Space Company)
EasyJet
Eclipse Aviation (now Eclipse Aerospace)
Embraer
Enercon
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Gurit Holding AG
Hafei Aviation Industry
Harbin Aircraft Industry Group
Hawker Beechcraft Corporation
HEATCON Composites Systems
Henkel
Hepworth
Hermes
Heroux Devtek
Hexcel Corporation
Honda Aircraft Company
Honeywell
Horizon International Flight Academy
Huntsman Advanced Materials
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Kaman Aerospace Corporation
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Kawasaki Heavy Industries
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Lola Group
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MicroBiopharm Japan
Middle River Aircraft Systems
Mitsubishi Aircraft Corporation
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Saertex
Safran Engineering Services
Safran Group
Sanad Aero Solutions
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SGL Group
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Teijin Group
TenCate
Toho Tenax Co. Ltd
Toray Carbon Fibres Europe S.A.
Toray Industries Incorporated
Triumph Group
Umeco Plc
Vermont Composites Inc.

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Assets Supervision and Administration Commission of the State Council (SASAC)
Composite Applications Laboratory (CAL)
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Federal Aviation Administration (FAA)
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UK Ministry of Defence (MOD)
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