

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.

What makes this report unique?

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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3 aerospace composites submarket forecasts by material type from 2012-2022

Carbon fibre

Glass fibre

Aramid fibre

4 aerospace composites submarket forecasts by aircraft type from 2012-2022

Commercial Aircraft

Business Jets

Military Aircraft

Commercial Helicopters

10 leading national aerospace composites market forecasts between 2012-2022

US

Japan

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UK

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India

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20 leading aerospace composites companies identified and profiled

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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
Beluga Tanks
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Boeing Group
Boeing Rotorcraft Systems
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Bombardier Transportation
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Brookhouse
CAE
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CFM International
Chengdu Aircraft Group
CHTC KAMA
Commercial Aircraft Corporation of China, Ltd. (COMAC)
Composites World
Coriolis Composites
Cytac Industries Incorporated
Dassault Group
DSM
DuPont
EADS (European Aeronautic Defence and Space Company)
EasyJet
Eclipse Aviation (now Eclipse Aerospace)
Embraer
Enercon
Epic Aircraft
Eurocopter
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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
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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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Safran Group
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SGL Group
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Technocampus EMC2
Technofan
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)
European Aviation Safety Agency (EASA)
Federal Aviation Administration (FAA)
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UK Ministry of Defence (MOD)
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