

## Aerospace Composites 2021

The third review of the world aerospace composites market  
from Counterpoint Market Intelligence Limited

Why buy this 491-page report? (up from 285 pages in 2019)

**Because at this time of unprecedented market stress, we offer rigorous and insightful market analysis within the aerospace composites market sector from raw material to end applications in aerostructures, engine components and cabin interiors.**

**Our 2021 report offers comprehensive quantitative market analysis including:**

- Detailed comparisons of the market in 2019 showing the effects of the pandemic on the different market sectors.
- 10-year forecasts under our three market recovery scenarios
- Raw material market sizes and market shares for:
  - Carbon, aramid, and glass fibre market
  - Thermoset and thermoplastic resin market
  - Intermediate product market
  - Honeycomb core
- Composite parts market size and market shares:
  - For aerostructures and engine components, interiors, and tooling.
  - By manufacture method (aerostructures)

### **Technology trends in the raw/intermediate material market**

- Large-tow carbon fibre for aerospace applications
- The rise of thermoplastic matrix
- New core material
- Automation - tow steering and tow shearing
- Out of autoclave prepregs and resin systems
- Materials for additive manufacturing
- Material suppliers' activities in composite recycling

### **Technology trends in aerostructures and engine components**

- Resin infusion and resin transfer moulding, and other out-of-autoclave technologies – market share for OOA and autoclave cure, as well as a 10-year growth trend for OOA.
- Current applications and R&D trend in thermoplastic composite
- Automation in aerostructure manufacturing – market shares for hand lay-up and AFP/ATL, as well as a 10-year growth trend for AFP/ATL.
- Integrated composite parts; applications and developments
- Recycling of composites; who has the initiative and the current participants in the supply chain.

### **Technology trends in cabin interiors**

- Which parts will see increased use of composites?
- Which materials will gain share?
- Is recycled composite entering the interior market?

### **Technology trends in Tooling**

- Composite tools for composite manufacturing
- Hybrid tooling materials
- Additive manufacturing for composite tooling

**The report provides full profiles of 119 companies (including 35 SMEs). Our profiles cover:**

- Origins and ownership; Our estimate of aerospace composite related sales, plus financials if obtainable; operations and technologies; customers and contracts; strategy and recent developments; our comments including our categorisation of composites capability.

**We offer purchasers of our report a one-hour free teleconference to discuss any aspects of it.**

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## WHY COUNTERPOINT?

Counterpoint Market Intelligence Limited was formed by George Burton and Richard Apps in 2004 to offer original, independent, and rigorous research into aerospace markets. Between them, George and Richard have over 40 years of experience in senior positions in aerostructures, engine components, and aerospace equipment.

Counterpoint is an international business, with 80% of sales outside the UK. Sales of research reports have led to consultancy projects. Two thirds of sales are to the aerospace industry – aircraft and engine OEMs and first and second tier suppliers. Other clients are private equity funds, investment banks and government organisations.

In addition to this report the following reports are available from Counterpoint Market Intelligence Limited:

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- Aero-engine Maintenance, Repair and Overhaul 2021
- Aero-engine and IGT components 2020
- Aircraft interiors 2020
- Aerostructures 2020
- Aerospace Actuation 2020
- Aerospace Environmental and Thermal Control Systems 2020
- Electrical Power Systems 2020
- Engine Controls and Health Monitoring 2020
- Aircraft Harnesses and Electrical Standard Parts 2020
- Aircraft Fluid Conveyance 2019
- Aerospace Sensors 2019
- Aerospace Valves 2019
- Aerospace Machining 2019
- Tooling & automated assembly for aerostructures 2017

Counterpoint Market Intelligence Limited also undertakes commissioned consultancy studies for its clients in areas including the following:

- Deep-dive market analysis
- Evaluation of the strategic positioning of businesses
- Market and strategy-related due diligence for M&A
- Acquisitions search

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Please contact us using the contact details below or email us on [enquiries@cpmil.com](mailto:enquiries@cpmil.com).

Richard Apps            Tel: +44 (0)1235 868051  
                                  Mobile: +44 (0)7741 035969  
                                  e-mail: [richardapps@cpmil.com](mailto:richardapps@cpmil.com)

Address:            Counterpoint Market Intelligence Ltd, Curlew Meadow, Denchworth, Oxfordshire OX12 0EA, UK  
Website:            [www.cpmil.com](http://www.cpmil.com)

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