

Aerospace Parts Manufacturing Market Size & Share Analysis - Growth Trends and Forecast (2025 - 2030)

> **Industry:** Space Economy, Satellites & Propulsion (Aerospace & Defense)
> **Source:** https://www.mordorintelligence.com/industry-reports/aerospace-parts-manufacturing-market(https://www.mordorintelligence.com/industry-reports/aerospace-parts-manufacturing-market)
> **Scraped Date:** 2026-09-17

Executive Market Summary

Market Metric	Details
Base Market Size	USD 1.39 trillion
Projected Forecast (2031)	USD 1.39 trillion
Growth Rate (CAGR)	6.39 %
Largest Market Region	N/A
Fastest-Growing Region	N/A

Market Visualizations & Infographics

! [Major players in Aerospace Parts Manufacturing industry](images/chart_2.png)

! [Aerospace Parts Manufacturing Market Size](images/chart_3.png)

! [Aerospace Parts Manufacturing Market Share by Product Type, 2024](images/chart_4.png)

! [Aerospace Parts Manufacturing Market Share by Aircraft Type, 2024](images/chart_5.png)

! [Aerospace Parts Manufacturing Market Growth Rate by Region](images/chart_6.png)

! [Aerospace Parts Manufacturing Market Concentration](images/chart_7.png)

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Comprehensive Research Analysis

Overview Points List Flex 49 Share Feature End

Market Overview	Study Period	2019 - 2030
Market Size (2025)		USD 1.02 Trillion
Market Size (2030)		USD 1.39 Trillion
Growth Rate (2025 - 2030)		6.39 %
Fastest Growing Market		Asia Pacific
Largest Market		North America
Market Concentration		Low

Major Players*Disclaimer: Major Players sorted in no particular order

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Market Overview

Aerospace Parts Manufacturing Market Analysis by Mordor IntelligenceThe aerospace parts manufacturing market size stood at USD 1.02 trillion in 2025 and is projected to reach USD 1.39 trillion by 2030, translating into a 6.39% CAGR over the forecast period. Fleet modernization programs, surging passenger volumes, and defense procurement expansion sustain healthy order books while new segments such as Advanced Air Mobility (AAM) add incremental momentum. Engines remain the largest product category, capturing 36.52% of 2024 revenue, and metals and alloys dominate material usage at 46.23%. Commercial aviation contributes almost two-thirds of demand, backed by record backlogs that help buffer cyclical swings. Original Equipment Manufacturers (OEMs) account for more than 70% of 2024 sales, but the aftermarket is positioned for resilient growth as aircraft utilization intensifies. Regionally, North America leads by value while Asia-Pacific is the fastest-growing geography, reflecting the dual pull of mature supply chains and emerging capacity build-outs.

Key Report Takeaways* By product type, engines held 36.52% of the aerospace parts manufacturing market share in 2024, while insulation components are forecasted to outpace all other categories at a 7.94% CAGR through 2030.

* By material, metals and alloys commanded 46.23% of the aerospace parts manufacturing market size in 2024, whereas advanced ceramics and ceramic matrix composites are set to expand at a 7.75% CAGR during 2025–2030.

* By aircraft type, commercial aviation generated 63.24% of 2024 revenue; Advanced Air Mobility is projected to rise at a 9.57% CAGR to 2030.

* By end user, OEMs controlled 70.11% of 2024 sales, and show a 6.76% CAGR outlook through 2030.

* By geography, North America contributed 36.54% of the 2024 value, while Asia-Pacific is forecasted to deliver the fastest regional CAGR of 7.01% over the next five years.

Key Market Trends

Market Trends and InsightsDrivers Impact Analysis of Aerospace Parts Manufacturing Market*Driver | (~) % Impact on CAGR Forecast | Geographic Relevance | Impact Timeline |

Growth in worldwide air passenger traffic | +1.2% | Global, strongest impact in Asia-Pacific and Middle East | Medium term (2–4 years) |

Fleet modernization efforts to enhance fuel efficiency | +1.8% | North America and Europe, expanding to Asia-Pacific | Long term (≥ 4 years) |

Expansion of global defense procurement programs | +0.9% | North America, Europe, Asia-Pacific defense corridors | Medium term (2–4 years) |

Rising adoption of lightweight and advanced materials | +1.1% | Global manufacturing hubs, concentrated in developed markets | Long term (≥ 4 years) |

Establishment of additive manufacturing hubs across aerospace supply chains | +0.7% | North America, Germany, Singapore, emerging in India | Medium term (2–4 years) |

Nearshoring incentives for critical alloys | +0.4% | USMCA region, EU-adjacent suppliers | Short term (≤ 2 years) |

Source: Mordor Intelligence |

Competitive Landscape

Competitive Landscape

Competitive intensity in the aerospace parts manufacturing market is fragmented

and rising due to consolidation at the top and specialization among smaller players. RTX Corporation, Safran, and GE Aerospace continue to invest heavily in ceramic matrix composites, additive manufacturing, and digital thread initiatives to defend technological moats.

Tier-1 suppliers leverage size to negotiate long-term agreements, while Tier-2 and Tier-3 firms differentiate through niche capabilities such as high-temperature coatings or complex machining. Howmet Aerospace booked USD 975 million in 2024 capital deployment, funding bolt-on automation projects and share repurchases that reinforce its balance-sheet flexibility. At the same time, white-space entrants focus on AAM, hydrogen propulsion, and recyclable composites, aiming to disrupt incumbents with agile development cycles.

Certification hurdles act as barriers to entry, favoring organizations possessing established quality systems and financial stamina. Digitalization is another battleground; data-rich suppliers offering predictive maintenance insights or integrated design-for-manufacturability services often secure preferred-supplier status. Regionalization trends further shape the competitive map, as OEMs encourage local content to mitigate trade and logistics risk, opening doors for indigenous champions in Asia-Pacific and South America.

Aerospace Parts Manufacturing Industry Leaders* RTX Corporation

- * Honeywell International Inc.
- * Rolls-Royce Holdings plc
- * GE Aerospace (General Electric Company)
- * Safran SA

* *Disclaimer: Major Players sorted in no particular order
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Component Component 3 Scope Of The Report Bottom

Global Aerospace Parts Manufacturing Market Report ScopeBy Product TypeEngines |

- Aerostructures |
- Cabin Interiors |
- Support Equipment |
- Avionics |
- Insulation Components |

Segmentation Accordion Item

- By GeographyNorth America | United States |
 - | Canada |
 - | Mexico |
- Europe | United Kingdom |
 - | France |
 - | Germany |
 - | Italy |
 - | Spain |
 - | Rest of Europe |
- Asia-Pacific | China |
 - | India |
 - | Japan |
 - | South Korea |
 - | Australia |
 - | Rest of Asia-Pacific |
- South America | Brazil |

| Rest of South America |
| Middle East and Africa | Middle East | Saudi Arabia |
| United Arab Emirates |
| Rest of Middle East |
| Africa | South Africa |
| Rest of Africa |

Frequently Asked Questions

How large is the aerospace parts manufacturing market in 2025?

The aerospace parts manufacturing market size is USD 1.02 trillion in 2025 and is projected to reach USD 1.39 trillion by 2030, translating into a 6.39% CAGR over the forecast period.

Which product category generates the most revenue?

Engines lead with 36.52% of 2024 sales, benefiting from both new-build and after market demand.

What region is growing the fastest?

Asia-Pacific exhibits a 7.01% CAGR outlook, driven by China's and India's expanding fleets and rising local manufacturing.

Which material segment is expanding the quickest?

Advanced ceramics and ceramic matrix composites are projected to rise at a 7.75% CAGR as OEMs seek higher temperature capability and weight savings.

How is consolidation affecting suppliers?

Strategic acquisitions such as Boeing's purchase of Spirit AeroSystems signal deeper vertical integration, raising the competitive bar for smaller firms.

What is the biggest restraint on market growth?

Skilled labor shortages, combined with escalating certification costs, are the primary headwinds limiting capacity expansion.