

Jet Engines Market Size Forecasted to Grow at 7.8% CAGR, Reaching USD 140 billion by 2032

Jet Engines Market (2022 - 2032) by Type (Turbofan Engine, Turbojet Engine), by Application (Military Aviation, Civil Aviation).

WILMINGTON, DE, UNITED STATES, June 8, 2026 /EINPresswire.com/ -- The latest study by Allied Market Research, titled "[Jet Engines Market Size, Share & Trends Forecast 2022-2032](#)," offers an in-depth analysis of the global and regional dynamics shaping this rapidly

evolving industry. This comprehensive report highlights the competitive landscape, key market segments, value chain analysis, and emerging technological and regulatory trends expected between 2022 and 2032. The report provides actionable insights for business leaders, policymakers, investors, and new market entrants seeking to understand growth opportunities and mitigate risks. It explores strategic frameworks that help organizations leverage market opportunities, adapt to disruptions, and build long-term competitive advantages.

With a focus on innovation, scalability, and future readiness, this report equips decision-makers with actionable insights, rich visuals, and verified data-driven strategies. As global air passenger traffic rebounds strongly, commercial and military aircraft modernization programs accelerate, and the aviation industry drives toward fuel efficiency and carbon net neutrality, the Jet Engines Market is witnessing transformative growth across engine types, applications, and geographies.

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□ Market Drivers of Jet Engines Market

The growth of the Jet Engines Market is primarily driven by the rise in in-flight passengers across the globe, aircraft modernization contracts across both commercial and military verticals, development of aviation infrastructure, and continuous R&D by global players to improve fuel efficiency and reduce carbon footprints. The surge in travel enthusiasm and return to post-



pandemic normalcy have revitalized the aviation industry, creating robust demand for new and more efficient jet engines. Turbofan engines the backbone of commercial aviation propulsion are undergoing transformative innovations including sustainable aviation fuel (SAF) compatibility, electric and hybrid-electric power systems, advanced cooling technologies, and digital integration with AI and ML for predictive maintenance. Government initiatives supporting aerospace development and defense modernization programs particularly in India, China, and other Asia-Pacific nations are further accelerating market expansion. Additionally, the growing demand for quieter, low-emission engines driven by stringent noise and environmental regulations is creating lucrative new opportunities for engine manufacturers throughout the forecast period.

□ Scope of the Jet Engines Market:

The Jet Engines Market encompasses a fast-evolving ecosystem of turbofan and turbojet engine design, advanced materials engineering, propulsion system manufacturing, and multi-application aviation defense and civil procurement networks. The holistic approach tracks the entire value chain from advanced alloy and composite material suppliers, engine component manufacturers, propulsion system integrators, and MRO service providers to commercial airlines, military defense forces, aircraft OEMs, and lease and rental operators across core regions including North America, Europe, Asia-Pacific, and LAMEA. The report covers 16+ countries and also examines aviation safety and emissions regulatory frameworks including ICAO standards, ESG and sustainability trends in sustainable aviation fuels and net-zero emission goals, AI/ML integration in manufacturing and maintenance innovation pipelines, and investment outlooks, positioning this study as an end-to-end roadmap for stakeholders navigating growth, risk, and transformation in the global aerospace propulsion landscape.

□ Following are the Players Analyzed in the Report:

GE Honda Aero Engines
Safran Group
Rolls-Royce Holdings
Honeywell Corporation
Kawasaki Heavy Industries
Williams International
MTU Aeroengines
PBS Group
Pratt & Whitney
IHI Corporation

□ Comprehensive Segmentation and Classification of the Report:

By Type:

Turbofan Engine (generated the largest jet engine market share in 2022; dominant in both

commercial and military aviation; undergoing significant innovation in fuel efficiency, SAF compatibility, noise reduction, and digital integration)

Turbojet Engine (used in specific high-performance military and supersonic applications)

By Application:

Civil Aviation (accounted for the largest share in 2022; leading application driven by commercial airline fleet expansion, extended range capabilities, and international route globalization)

Military Aviation (significant segment driven by defense modernization programs and rising military expenditure globally)

□ Regional Analysis:

» North America: U.S., Canada, Mexico (Major market; robust aerospace industry, continuous technological innovation, and strong government-industry collaboration through programs like GE-NASA net-zero emissions research)

» Europe: UK, Germany, France, Russia, Italy, Spain, Rest of Europe (Significant market; home to major manufacturers including Rolls-Royce, Safran, and MTU Aeroengines; strong focus on sustainable aviation and SAF development)

» Asia-Pacific: China, India, Japan, Australia, South Korea, Rest of Asia-Pacific (Expected to be the largest regional market; driven by constantly increasing military expenditure, rapid commercial aviation growth, and rising defense budgets across the region)

» LAMEA: Latin America, Middle East, Africa (Growing market; increasing aviation infrastructure development and expanding commercial fleet procurement)

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□ Highlights of Our Report:

Extensive Market Analysis: A deep dive into jet engine manufacturing capabilities, propulsion technology innovations including SAF-compatible turbofans, hybrid-electric systems, variable cycle engines, and AI/ML-integrated predictive maintenance and production volumes within the global Jet Engines Market across 16+ countries.

Corporate Insights: An in-depth review of company profiles spotlighting major players and their strategic manoeuvres including product launches, defense contracts, research partnerships, and sustainable aviation commitments.

Consumption Trends: A detailed analysis of demand patterns across engine types and applications, offering insight into current procurement dynamics and evolving civil and military aviation operator priorities.

Segmentation Details: An exhaustive breakdown of engine type and application segments depicting the market's spread across commercial airliner, military aircraft, and helicopter propulsion verticals.

Pricing Evaluation: A study of pricing structures and elements including advanced materials

costs, R&D investment intensity, certification expenses, and lease and MRO service pricing influencing jet engine market pricing strategies.

Future Outlook: Predictive insights into market trends, growth prospects, and potential challenges including geopolitical factors such as the Russia-Ukraine war disrupting supply chains, and cybersecurity threats to digitally integrated engine systems through 2032.

□ Key Benefits of the Report:

Data-driven insights into trends, opportunities, and challenges from 2022 to 2032

Forecasts of revenue by segment (type, application) and region across 16+ countries

Competitive landscape benchmarking and market share analysis with player positioning

Porter's Five Forces analysis highlighting the potency of buyers and suppliers

Geopolitical impact analysis including the Russia-Ukraine war's effect on jet engine supply chains

Regulatory and innovation trend impact assessments including ICAO emissions standards and sustainable aviation fuel initiatives

Strategy frameworks (Porter's Five Forces, SWOT, PESTEL)

In-depth analysis of emerging growth strategies and disruptions in the global aerospace propulsion industry

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□ Key Reasons to Buy:

This report profiles key players in the Jet Engines Market based on the following parameters company details (founding date, headquarters, manufacturing bases), product portfolio, sales data, market share, and ranking.

This market report illustrates key insights about market drivers, restraints, opportunities, market trends, and regional outlook.

This report provides an in-depth analysis of the Jet Engines Market and provides market size (US\$ Billion) and CAGR for the forecast period (2022-2032), considering 2022 as the base year.

This report elucidates potential market opportunities across different segments and explains attractive investment proposition matrices for this market.

□ Table of Contents:

Chapter 1: Introduction, market driving force, product objective of study and research scope of the Jet Engines Market

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Chapter 7: To evaluate the market by segments, by countries, and by manufacturers/companies with revenue share and sales by key countries in these various regions (2022-2032)

Chapters 8 & 9: Appendix, Methodology and Data Source

□ Key Questions Answered:

Who are the major players operating in the [Jet Engines Industry](#)?

What is the expected market size and CAGR through 2032?

Which engine types, applications, and geographies will lead growth?

What are the top challenges and growth inhibitors, including geopolitical supply chain disruptions, cybersecurity threats, and environmental regulatory pressures?

How is the competitive landscape evolving through product launches, SAF research partnerships, defense contracts, and AI/ML integration in engine manufacturing and maintenance?

What are the most effective strategies for entry, expansion, and sustainability in the global jet engines industry?

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