+357 96 030922
info@marketpublishers.com

Fighter Aircraft Market Opportunity, Growth Drivers, Industry Trend Analysis, and Forecast 2025 - 2034

https://marketpublishers.com/r/FB784028533EEN.html
Date: May 2025
Pages: 185
Price: US$ 4,850.00 (Single User License)
ID: FB784028533EEN

Abstracts

The Global Fighter Aircraft Market was valued at USD 50.8 billion in 2024 and is estimated to grow at a CAGR of 4.1% to reach USD 75.1 billion by 2034. This growth is largely driven by rising defense budgets and growing procurement of modern combat aircraft. Increasing emphasis on upgrading aerial combat capabilities and the rising focus on next-generation technologies like unmanned combat aerial vehicles (UCAVs) are contributing to the steady demand. Defense forces are shifting their focus to advanced aircraft capable of performing a wide range of missions, while governments are investing in stealth capabilities, improved avionics, and digital warfare tools to gain an edge in future conflicts. Fighter aircraft continue to be a critical component of national security frameworks, and procurement strategies are now prioritizing platforms that deliver flexibility, survivability, and mission versatility.

The industry has faced its share of challenges, especially due to policy shifts and trade disruptions in previous years. Tariffs imposed on aerospace components and international trade disputes created cost pressures across the supply chain. These tariffs raised production expenses for manufacturers and disrupted sourcing for essential parts such as propulsion systems, avionics, and radar technologies. In response, aircraft producers adjusted by adopting more resilient supply chain strategies and expanding local sourcing. These measures helped to ensure the continued availability of vital components, preserving the production momentum despite economic tensions. Today, supply chains are more diversified and better positioned to absorb fluctuations in international trade dynamics.

In terms of take-off and landing capabilities, the market is segmented into short take-off and vertical landing (STOVL), conventional take-off and landing (CTOL), and vertical take-off and landing (VTOL). CTOL fighter aircraft held a dominant 47.3% market share

+357 96 030922
info@marketpublishers.com

in 2024. This segment continues to perform strongly, largely due to its compatibility with standard runways and reduced technical demands compared to more complex vertical take-off systems. Modern CTOL aircraft are being upgraded with stealth technology, multi-role functions, and extended range capabilities. These upgrades make them suitable for a variety of missions while reducing operational and maintenance costs over time.

Based on propulsion, the market is categorized into single-engine and twin-engine fighter aircraft. The single-engine fighter aircraft segment is expected to reach USD 40.8 billion by 2034. These aircraft are increasingly favored for their cost efficiency, lighter weight, and ease of maintenance. Nations with constrained defense budgets and those looking for rapid-response platforms are turning to single-engine fighters for air policing and multi-role missions. Advances in design have enabled these aircraft to incorporate stealth features, data-link capabilities, and superior avionics systems, making them both affordable and combat-effective options for a broad range of users.

By application, the market includes strike or ground attack, electronic warfare, reconnaissance and surveillance, air superiority, and other roles. The strike or ground attack segment is anticipated to grow at a CAGR of 3.8% over the forecast period. This growth is fueled by increased integration of precision-guided weaponry, AI-enabled targeting tools, and improved survivability features. Modern strike aircraft are being developed to perform multiple mission types efficiently, offering rapid transitions between air-to-ground and air-to-air roles. These enhancements allow for greater mission adaptability while minimizing exposure to threats.

The United States continues to hold the largest share of the global market, accounting for 87.9% in 2024. Its leadership is anchored in aggressive modernization programs and a strong focus on network-centric warfare. Investment in sixth-generation technologies and enhancements to current fleets are reshaping combat strategies. The country’s prioritization of interoperability and digital warfare is also reinforcing its strategic position in the global aerospace landscape.

Competition in the fighter aircraft industry is fierce, with leading players capturing a combined market share of over 25%. These companies are driving innovation through integrated electronic warfare systems, AI capabilities, and digital design processes. The market is witnessing a growing trend of multinational development programs that promote shared R&D investments and fast-track deployment timelines. Strategic collaborations are becoming critical for meeting the complex demands of modern combat, while export-oriented procurement strategies are expanding the market reach

+357 96 030922
info@marketpublishers.com

for many countries.

There is also a noticeable shift among emerging defense producers, particularly in Asia, toward domestically developed aircraft platforms. These nations are aiming to reduce their dependency on foreign manufacturers and boost technological self-reliance. At the same time, manufacturers are emphasizing long-term maintenance contracts and lifecycle service agreements to deepen customer engagement and secure recurring revenue. These approaches are helping to create a dynamic, innovation-driven ecosystem that is centered on performance, affordability, and sustained partnerships across global defense markets.

Companies Mentioned

Airbus, BAE Systems, Boeing, Dassault Aviation, Hindustan Aeronautics, Korea Aerospace Industries, Leonardo, Lockheed Martin, Mitsubishi Heavy Industries, Northrop Grumman, Saab, Textron Aviation, United Aircraft

+357 96 030922
info@marketpublishers.com

Contents

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

CHAPTER 7 MARKET ESTIMATES & FORECAST, BY APPLICATION, 2021-2034 (USD BILLION & UNITS)

CHAPTER 8 MARKET ESTIMATES AND FORECAST, BY REGION, 2021 – 2034 (USD BILLION & UNITS)

+357 96 030922
info@marketpublishers.com

CHAPTER 9 COMPANY PROFILES

+357 96 030922
info@marketpublishers.com

I would like to order

Product name: Fighter Aircraft Market Opportunity, Growth Drivers, Industry Trend Analysis, and Forecast 2025 - 2034

Product link: https://marketpublishers.com/r/FB784028533EEN.html

Price: US$ 4,850.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:
info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page https://marketpublishers.com/r/FB784028533EEN.html