

# **Fighter Aircraft Market Report by Take-off and Landing (Conventional Take-off and Landing, Short Take-off and Landing, Vertical Take-off and Landing), Aircraft Type (Fixed-Wing, Rotorcraft), Application (Homeland Security, Defense, and Others), and Region 2024-2032**

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## **Abstracts**

The global fighter aircraft market size reached US\$ 61.1 Billion in 2023. Looking forward, IMARC Group expects the market to reach US\$ 78.9 Billion by 2032, exhibiting a growth rate (CAGR) of 2.8% during 2024-2032.

Fighter aircraft is designed mainly for air-to-air combat to secure control of essential airspace by destroying adversary aircraft. It has the capabilities of ground attack, firepower, and maneuverability, which help establish air superiority of the battlespace in military conflict. It is also used for non-combat purposes, including transport, training, search and rescue, reconnaissance, observation and surveillance, airborne early warning and control (AEW&C), and aerial refueling. Nowadays, fighter aircraft are highly specialized with advanced features like modified engines that contain an afterburner to provide additional thrust when fuel is ignited in the augmentor.

### **Fighter Aircraft Market Trends:**

Due to a rise in terrorism and geopolitical tensions between countries, defense agencies are increasingly spending on replacing existing warplanes and superiority fighters with next-generation aircraft. This can also be attributed to the rising need for military modernization, growing situational awareness, and the widespread integration of advanced battlefield systems with military aircraft to improve surveillance, navigation, and communications. Apart from this, their demand is increasing in natural disaster

vulnerable areas to mitigate the damage and provide essential supplies to victims of natural calamities during rescue missions. Besides this, the launch of multirole fighter planes with extreme agility, stealth features, integrated sensor package, superior performance, and modern weaponry is contributing to the market growth. Furthermore, key market players are launching fighter aircraft integrated with sophisticated technologies like air-to-surface missiles, laser-guided bombs, and anti-radiation missiles for a wide array of missions, including surveillance, attack, electronic warfare, and signals intelligence. In addition, as governing agencies of numerous countries are focusing on expanding defense budgets, the demand for advanced fighter aircraft is anticipated to increase in the coming years.

#### Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global fighter aircraft market report, along with forecasts at the global, regional and country level from 2024-2032. Our report has categorized the market based on take-off and landing, aircraft type and application.

#### Breakup by Take-off and Landing:

- Conventional Take-off and Landing
- Short Take-off and Landing
- Vertical Take-off and Landing

#### Breakup by Aircraft Type:

- Fixed-Wing
- Rotorcraft

#### Breakup by Application:

- Homeland Security
- Defense
- Others

#### Breakup by Region:

- North America
- United States
- Canada

Asia-Pacific

China

Japan

India

South Korea

Australia

Indonesia

Others

Europe

Germany

France

United Kingdom

Italy

Spain

Russia

Others

Latin America

Brazil

Mexico

Others

Middle East and Africa

#### Competitive Landscape:

The competitive landscape of the industry has also been examined along with the profiles of the key players being Airbus SE, Aviation Industry Corporation of China Ltd., BAE Systems PLC, Dassault Aviation S.A, Hindustan Aeronautics Limited, Korea Aerospace Industries, Leonardo SpA, Lockheed Martin Corporation, Raytheon Technologies Corporation, Saab AB and The Boeing Company.

#### Key Questions Answered in This Report

1. What was the size of the global fighter aircraft market in 2023?
2. What is the expected growth rate of the global fighter aircraft market during 2024-2032?
3. What are the key factors driving the global fighter aircraft market?
4. What has been the impact of COVID-19 on the global fighter aircraft market?
5. What is the breakup of the global fighter aircraft market based on the take-off and landing?
6. What is the breakup of the global fighter aircraft market based on the aircraft type?

7. What are the key regions in the global fighter aircraft market?
8. Who are the key players/companies in the global fighter aircraft market?

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