

NATO Military Aircraft Modernization And Retrofit - Market Share Analysis, Industry Trends & Statistics, Growth Forecasts (2024 - 2029)

Market Report | 2024-02-17 | 90 pages | Mordor Intelligence

AVAILABLE LICENSES:

- Single User License \$4750.00
- Team License (1-7 Users) \$5250.00
- Site License \$6500.00
- Corporate License \$8750.00

Report description:

The NATO Military Aircraft Modernization And Retrofit Market size is estimated at USD 25.21 billion in 2024, and is expected to reach USD 30.96 billion by 2029, growing at a CAGR of 4.20% during the forecast period (2024-2029).

The NATO countries are committed to integrating new and advanced technologies in their current fleet to accomplish it as an economically affordable cross-country defense think tank. Thus, many modernization and upgrade programs are currently underway or envisioned to be initiated during the forecast period.

The aging fleet with no plausible replacement on the horizon has driven the countries to modernize the existing generation of aircraft to extend their effective life and prevent the fleet from becoming obsolete. Therefore, the United States and its NATO allies are focusing their resources on upgrading their combat and multirole aircraft fleet with new block weaponry and systems to enhance their survivability in a rapidly emerging technological battlefield. The advancements in stealth technology and precision aerial weaponry are expected to create several opportunities for the market players during the forecast period.

NATO Military Aircraft Modernization And Retrofit Market Trends

Fixed-wing Segment to Continue its Dominance During the Forecast Period

The NATO countries are avid users of fixed-wing aircraft. The demand for this segment is driven by the rising defense expenditures of major NATO countries such as the United States, Canada, the United Kingdom, France, Germany, and Italy. For instance, these countries' defense expenditures accounted for USD 1.11 trillion in 2022. These prominent NATO member countries have consistently ranked amongst the highest global defense spending nations each year, signifying substantial investments

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

toward the R&D of advanced weaponry and procurement of sophisticated military assets.

For instance, in March 2023, the French government achieved a significant milestone when they received their most advanced Rafale fighter jets after four years of development. The F4 standard underwent flight tests by France's DGA in April 2021 and is expected to be fully available by 2025. The F4 boasts new features such as the Thales Scorpion helmet-mounted display, MBDA's MICA NG air-to-air missile, and Safran's AASM hammer precision-guided munition with a 1,000-kilogram variant. Similarly, in June 2023, the United Kingdom announced that it is upgrading its fleet of Beechcraft King Air 350ERs that was used to train personnel for the Royal Air Force (RAF) and Royal Navy (RN). The fleet is expected to undergo a major capability upgrade, with the updated aircraft to be capable of serving from 2023 to 2033. The upgrades include an active electronically scanned array radar, an electro-optical camera, and reconfiguration of the cabin area and mission consoles as part of a USD 155 million rear crew sustainment deal. Such developments are envisioned to drive the growth prospects of the market studied during the forecast period.

United States Dominates the Market During the Forecast Period

In 2022, the United States accounted for the largest market share due to its gigantic defense spending, which is multifold compared to other NATO countries. The US defense expenditure witnessed a 9% YoY growth, accounting for USD 877 billion in 2022. The demand for military aircraft modernization and retrofit market in the United States is primarily driven by the rising defense expenditure and increasing geopolitical tensions, especially between China and Russia over the years, which in turn drives military aircraft procurement.

In FY2024, the US Department of Defense (DoD) has requested a defense budget of USD 61.1 billion aimed at developing, modernizing, and procuring lethal air forces, including a focus on fighters, such as F-22, F-35, F-15EX, B-21 bomber, KC-46A, and other aircraft. In line with this, in November 2023, the US Air Force awarded Boeing a USD 2.3 billion contract to deliver 15 KC-46 Pegasus tanker aircraft to bolster its aerial refueling and cargo transport capacities. Apart from new aircraft procurements, the United States is also making significant investments to upgrade its military aircraft fleet to maintain its fleet readiness. For instance, in November 2023, the US Army awarded Boeing a contract to upgrade the Army's fleet of Apache helicopters. Under the contract, the Army decided to buy new engines and install the latest software version for the Apache. Such contracts and developments are expected to drive the demand in the US during the forecast period.

NATO Military Aircraft Modernization And Retrofit Industry Overview

The NATO military aircraft modernization and retrofit market is semi-consolidated, with major players, such as Lockheed Martin Corporation, Leonardo SpA, BAE Systems PLC, The Boeing Company, and Airbus SE dominating the market. The stringent safety and regulatory policies in the defense segment are expected to restrict the entry of new players. However, a trend of strategic collaboration has been observed in the market wherein the market players enter into a mutual partnership to develop advanced aircraft and associated subsystems as per the specifications of the end-users.

Additional Benefits:

- The market estimate (ME) sheet in Excel format
- 3 months of analyst support

Table of Contents:

- 1 INTRODUCTION
 - 1.1 Study Assumptions and Market Definition
 - 1.2 Scope of the Study

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

2 RESEARCH METHODOLOGY

3 EXECUTIVE SUMMARY

4 MARKET DYNAMICS

4.1 Market Drivers

4.2 Market Restraints

4.3 Porter's Five Forces Analysis

4.3.1 Threat of New Entrants

4.3.2 Bargaining Power of Buyers/Consumers

4.3.3 Bargaining Power of Suppliers

4.3.4 Threat of Substitute Products

4.3.5 Intensity of Competitive Rivalry

5 MARKET SEGMENTATION

5.1 Aircraft Type

5.1.1 Fixed-wing

5.1.2 Rotary-wing

5.2 Geography

5.2.1 United States

5.2.2 Canada

5.2.3 United Kingdom

5.2.4 France

5.2.5 Germany

5.2.6 Italy

5.2.7 Rest of NATO Countries

6 COMPETITIVE LANDSCAPE

6.1 Vendor Market Share

6.2 Company Profiles

6.2.1 RTX Corporation

6.2.2 L3Harris Technologies Inc.

6.2.3 BAE Systems PLC

6.2.4 Lockheed Martin Corporation

6.2.5 Elbit Systems Ltd

6.2.6 Honeywell International Inc.

6.2.7 Northrop Grumman Corporation

6.2.8 Safran SA

6.2.9 General Dynamics Corporation

6.2.10 Leonardo SpA

6.2.11 The Boeing Company

6.2.12 Airbus SE

7 MARKET OPPORTUNITIES AND FUTURE TRENDS

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

NATO Military Aircraft Modernization And Retrofit - Market Share Analysis, Industry Trends & Statistics, Growth Forecasts (2024 - 2029)

Market Report | 2024-02-17 | 90 pages | Mordor Intelligence

To place an Order with Scotts International:

- Print this form
- Complete the relevant blank fields and sign
- Send as a scanned email to support@scotts-international.com

ORDER FORM:

Select license	License	Price
	Single User License	\$4750.00
	Team License (1-7 Users)	\$5250.00
	Site License	\$6500.00
	Corporate License	\$8750.00
		VAT
		Total

*Please circle the relevant license option. For any questions please contact support@scotts-international.com or 0048 603 394 346.

** VAT will be added at 23% for Polish based companies, individuals and EU based companies who are unable to provide a valid EU Vat Numbers.

Email*	<input type="text"/>	Phone*	<input type="text"/>
First Name*	<input type="text"/>	Last Name*	<input type="text"/>
Job title*	<input type="text"/>		
Company Name*	<input type="text"/>	EU Vat / Tax ID / NIP number*	<input type="text"/>
Address*	<input type="text"/>	City*	<input type="text"/>
Zip Code*	<input type="text"/>	Country*	<input type="text"/>
		Date	<input type="text" value="2026-03-02"/>
		Signature	

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

