

# The Military Aircraft Modernisation, Upgrade & Retrofit Market 2013-2023

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## **Abstracts**

The importance of strategic air power capabilities to the projection of global military power has meant that many nations are seeking to deploy advanced aircraft platforms and systems. However the very high cost of procuring of fourth and fifth generation fighter aircraft has been increasingly combined with the modernisation of legacy aircraft. In particular technological innovations have enabled emerging and established military powers to upgrade outdated aircraft with advanced avionics systems. Furthermore, in a period of constrained spending in established military markets, modernising existing aircraft represents a cost-effective means of maintaining operational capabilities. As a consequence, Visiongain expects the global military aircraft modernisation, upgrade and market, worth \$12.81bn in 2012, to grow significantly between 2013 and 2023.

## Why you should buy The Military Aircraft Modernisation, Upgrade & Retrofit Market 2013-2023

What is the future of the military aircraft modernisation, upgrade and retrofit market? Visiongain's comprehensive analysis contains highly analytical quantitative content delivering solid conclusions benefiting your analysis and illustrates new potential revenue streams helping you to remain competitive. This definitive report will benefit your decision making and help to direct your future business strategy.

Avoid falling behind your competitors, missing critical business opportunities or losing industry influence. In our new report you will discover comprehensive forecasts and analysis from 2013-2023 at the global, submarket, and national level. The report also assesses technologies, competitive forces and technological developments. Read on to discover the prospects for the military aircraft modernisation, upgrade and retrofit sector and find out what its future market prospects are.



## We guarantee that you will receive critical market insight benefitting you in the following way

View global military aircraft modernisation, upgrade & retrofit market forecasts and analysis from 2013-2023 to keep your knowledge ahead of your competition and ensure you exploit key business opportunities

The report provides detailed sales projections of the market, the competitors, and the commercial drivers and restraints allowing you to more effectively compete in the market.

You will also discover original critical analysis, revealing insight into commercial developments

Why struggle to find key market data? Why miss crucial information? Our comprehensive report provides instant market insight

Our 228 page report provides 220 tables, charts, and graphs. Let our analysts guide you with a thorough assessment of the current and future military aircraft modernisation, upgrade and retrofit market prospects.

This analysis will achieve quicker, easier understanding. Also you will gain from our analyst's industry expertise allowing you to demonstrate your authority on the military aircraft modernisation, upgrade and retrofit sector

Understand what industry thought leaders are thinking. These leaders hold critical knowledge that you should know.

By reading the exclusive expert interview contained in the report you will keep up to speed with what is really happening in the industry. Don't fall behind. You will gain a thorough knowledge on the military aircraft modernisation, upgrade and retrofit sector finding strategic advantages for your work and will learn how your organisation can benefit. Read the full transcript of an exclusive expert opinion interview from a leading industry specialist informing your understanding and allowing you to assess prospects for investments and sales



#### Interview with GE Aviation

Discover sales predictions for the key end use submarkets from 2013-2023

What are the key developments in the military aircraft modernisation, upgrade and retrofit industry? How will these markets expand? Which submarkets will generate the most revenue? Use our forecasts and expert insight to grow your business and give you more industry influence. Find where you can gain and how your organisation can succeed. The information contained in the report will enable you to make important strategic decisions for your organisation.

Stay informed about the potential for each of these military aircraft modernisation, upgrade and retrofit aircraft type submarkets with individual forecasts and analysis from 2013-2023.

Fighter aircraft submarket forecast 2013-2023

Transport/Tanker aircraft submarket forecast 2013-2023

Special Mission aircraft submarket forecast 2013-2023

Bomber aircraft submarket forecast 2013-2023

Trainer aircraft submarket forecast 2013-2023

Learn about market prospects for the leading product types from 2013-2023

How will individual aircraft upgrades perform over the forecast period? Discover how high sales can go, from 2013-2023, learning about products and years with the highest predicted growth and revenues. You will be able to assess each technology's future and emerging trends. These forecasts will also reveal the competitive landscape. You will see what is happening, explaining the challenges, trends, competitors, and market opportunities. Our report reveals forecasts for the 2 leading key upgrade types:

Airframe and Powerplant (A&P) upgrades forecast 2013-2023



## Avionics upgrades forecast 2013-2023

Understand the growing revenue prospects and opportunities for the leading 19 national military aircraft modernisation, upgrade & retrofit markets

Learn about the market potential for military aircraft modernisation, upgrade and retrofit companies in the developed and developing countries, from 2013.onwards. You will see where and how opportunities exist with revealing individual market forecasts and analysis of drivers and restraints from 2013-2023 for 19 leading national markets.

US forecast 2013-2023

China forecast 2013-2023

India forecast 2013-2023

France forecast 2013-2023

Russia forecast 2013-2023

UK forecast 2013-2023

Italy forecast 2013-2023

Germany forecast 2013-2023

Saudi Arabia forecast 2013-2023

Japan forecast 2013-2023

South Korea forecast 2013-2023

Israel forecast 2013-2023

Brazil forecast 2013-2023

Pakistan forecast 2013-2023



Egypt forecast 2013-2023

United Arab Emirates forecast 2013-2023

Republic of China (Taiwan) forecast 2013-2023

Thailand forecast 2013-2023

Vietnam forecast 2013-2023

Rest of the world forecast 2013-2023

Find out about the market dynamics & opportunities in 19 leading countries

Understand industry activity with detailed data revealing where companies are earning their revenues and with what products and with which technology.

You will be able to examine 19 detailed tables of significant contracts, projects & programmes for each of the 19 leading national markets,

Explore the factors affecting product developers, and everyone within the value chain. Learn about the forces influencing market dynamics.

Explore the strengths weaknesses, opportunities and threats (SWOT) issues for the military aircraft modernisation, upgrade and retrofit market. Discover what the present and future outlook for business will be. Learn about the following business critical issues:

Research and development (R&D) strategy

Technological innovations and constraints.

Supply and demand dynamics

Competition from new product types

Increasing competition between leading players in emerging markets



Increasing industry consolidation and M&A activity

Advances in product quality and cost-effectiveness

Analysis of barriers to entry

Procurement priorities

Identify who the leading companies are in the military aircraft modernisation, upgrade & retrofit industry

Our report reveals the technologies and companies which hold the greatest potential. In particular, exploring and analyzing the activities of these companies: See where the expected gains will be. Prospects for advances in the military aircraft modernisation, upgrade & retrofit industry are strong, and from 2013 it holds many opportunities for revenue growth. View Visiongain's assessment of the prospects for established competitors, rising companies, and new market entrants. Our work explains that potential, helping you stay ahead. Gain a thorough understanding of the competitive landscape with profiles of 15 leading military aircraft modernisation, upgrade and retrofit companies examining their positioning, capabilities, product portfolios, R&D activity, services, focus, strategies, M&A activity, and future outlook.

ARINC Incorporated

**BAE Systems** 

The Boeing Company

**Dassault Aviation** 

Elbit Systems Ltd

Embraer SA

Finmeccanica SpA

**GE** Aviation



Honeywell Aerospace

L-3 Communications

Lockheed Martin

Northrop Grumman

Raytheon Company

Rockwell Collins

**Thales Group** 

Examine a SWOT analysis of the military aircraft modernisation, upgrade & retrofit market

## Discover information found nowhere else in this independent assessment of the military aircraft modernisation, upgrade and retrofit market

The Military Aircraft Modernisation, Upgrade & Retrofit Market 2013-2023 report provides impartial military aircraft modernisation sector analysis. With the independent business intelligence found only in our work, you will discover where the prospects are for profit. In particular, our new research provides you with key strategic advantages: Our informed forecasts, independent and objective analysis, exclusive interviews and revealing company profiles will provide you with that necessary edge, allowing you to gain ground over your competitors.

With this report you are less likely to fall behind in knowledge or miss crucial business opportunities. You will save time and receive recognition for your market insight. See how you this report could benefit and enhance your research, analysis, company presentations and ultimately your individual business decisions and your company's prospects.

## What makes this report unique?

Visiongain consulted widely with leading industry experts and the full transcript from an



exclusive interview with GE Aviation is included in the report. Visiongain's research methodology involves an exclusive blend of primary and secondary sources providing informed analysis. This methodology allows insight into the key drivers and restraints behind market dynamics and competitive developments. The report therefore presents an ideal balance of qualitative analysis combined with extensive quantitative data including global, submarket and national markets forecasts from 2013-2023

## How The Military Aircraft Modernisation, Upgrade & Retrofit Market 2013-2023 report can benefit you

Visiongain's report is for anyone requiring analysis of the military aircraft modernisation, upgrade & retrofit market. You will discover market forecasts, technological trends, predictions and expert opinion providing you with independent analysis derived from our extensive primary and secondary research. Only by purchasing this report will you receive this critical business intelligence revealing where revenue growth is likely and where the lucrative potential market prospects are. Don't miss this key opportunity to gain a competitive advantage.

If you buy our report today your knowledge will stay one step ahead of your competitors. Discover how our report could benefit your research, analyses and strategic decisions, saving you time. To gain an understanding of how to tap into the potential of this market and stay one step ahead of the competition you must order now our report The Military Aircraft Modernisation, Upgrade & Retrofit Market 2013-2023: Avoid missing out -order our report now.



## **Contents**

70



## **About**

## **Expert Opinion**

Visiongain sought opinions from leading companies active in the global military aircraft modernisation, upgrade and retrofit marketplace. These interviews have been used to inform the analysis of market drivers and restraints presented in this report.

### **GE Aviation: Matthew Benvie, Media Relations Manager**

GE Aviation is a world leading company in large and small jet engines for commercial and military aircraft. Its main competitors in this market are Rolls-Royce and Pratt & Whitney. GE Aviation also provides aviation services including among others optimisation solutions, and maintenance, repair and operations (MRO) services. Owned by General Electric Company, GE Aviation is headquartered in Evendale, Ohio and had revenues of \$19.99bn in 2012.

Visiongain's questions were answered by Matthew Benvie in September 2013. We thank him for his contribution.

### **Power and Efficiency Engine Upgrades**

**Visiongain**: Could you please begin by giving me some background on GE Aviation's recent involvement in military aircraft modernisation, upgrade and retrofit programmes.

**Matthew Benvie**: GE Aviation has provided a range of upgrades for military aircraft including:

- CFM International [joint venture between GE Aviation and Snecma, a division of Safran] engine upgrade for Air Force aerial refueling aircraft to deliver improved fuel savings
- CF6 engine upgrade for Air Force cargo transporter to provide improved power performance
- CFM International engine upgrades for Navy anti-submarine aircraft
- F414 upgrade for Navy Super Hornet & Growler fighter aircraft to deliver durability and



## fuel savings

• T700 engine upgrade for Army helicopters (Black Hawks and Apaches)



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