

Aircraft MRO Market Size and Forecasts (2020 - 2030), Global and Regional Share, Trends, and Growth Opportunity Analysis Report Coverage: By Components (Engine MRO, Avionics MRO, Airframe MRO, Cabin MRO, Landing Gear MRO, Others); Aircraft Type (Fixed Wing Aircraft, Rotary Wing Aircraft); End Users (Commercial, Military); and Geography

<https://marketpublishers.com/r/ADC19ABB5B2DEN.html>

Date: November 2023

Pages: 171

Price: US\$ 4,550.00 (Single User License)

ID: ADC19ABB5B2DEN

Abstracts

The aircraft MRO market was valued at US\$ 91,158.12 million in 2022 and is projected to reach US\$ 134,072.28 million by 2030; it is expected to register a CAGR of 4.9% during 2022–2030.

Growing Integration of Digital Technology in Aircraft MRO Market

Considering the growing competition worldwide, the implementation of digital technologies is a necessary step toward the growth of MRO companies; this helps them create continuous data flow through various levels of the supply chain, further streamlining the communication between the stakeholders and accelerating innovation in various operations. The digital revolution in the aviation industry significantly impacts all areas of the supply chain of the aviation industry, including aircraft operations, air traffic management, and aircraft and component manufacturing and servicing. The data-driven technologies such as data analytics—which help in tracking aircraft MRO activities in real-time—would also optimize the air travel experience of crew and passengers. Other advanced technologies such as AI and machine learning facilitate the airline crew and management to understand the airworthiness of the aircraft. For instance, in March

2020, the US Air Force's Air Education and Training Command (AETC) started developing a new competency-based virtual and augmented reality (VR/AR) training solution for aircraft maintenance.

Also, the MRO service providers incorporate AI technologies to boost their procedures by easily and efficiently conducting visual checks and understanding the degree of maintenance and repairs required on the aircraft. Thus, the increasing integration of digital technologies such as AI and machine learning is driving the aircraft MRO market growth.

The global aircraft MRO market has been segmented based on component, aircraft component, and end-user. Based on component, the market has been segmented into engine MRO, avionics MRO, airframe MRO, cabin MRO, landing gear MRO, and others. By aircraft component, the market has been bifurcated into fixed-wing aircraft and rotary-wing aircraft. Further, based on end-user, it has been categorized into commercial and military. The global aircraft MRO market has also been analyzed on the basis of five major regions: North America, Europe, APAC, the MEA, and SAM.

The US is among the leading countries in the global aviation sector, with a significantly higher number of passengers, aircraft fleet, and investment toward the development of the sector. The US aircraft MRO market share has been experiencing sluggish growth for the past few years due to higher labor costs, which resulted in the outsourcing of most of the airplanes for heavy checks. The airlines in the country experience a significantly higher density of air traveling passengers, owing to which the flying hours of each aircraft are higher and consequently demand frequent aircraft maintenance. The presence of numerous independent MRO service providers has enabled airlines to opt for frequent A-checks, B-checks, and C-checks in the country. This factor has catalyzed the growth of the aircraft MRO market share of the country. Moreover, the US Department of Defense (US DoD) continuously indulges itself in procuring newer aircraft fleet; however, the existing aircraft fleet is significantly higher than other countries across the world. For instance, in January 2023, SupplyCore won a contract of US\$ 375 million from Defense Logistics Agency for the maintenance, repair, and operation of US military facilities. The significant defense budget and expenditure from the US DoD allow the forces to opt for frequent MRO activities of the aircraft fleet. This facilitates the forces to be mission-ready. Thus, the continuity in spending higher amounts from US DoD plays a crucial role in the aircraft MRO market growth.

AAR, Barnes Group Inc, Collins Aerospace, Delta TechOps, FLTechnics, UAB, GE Aviation, Lufthansa Technik, Rolls-Royce plc, Singapore Technologies Engineering Ltd,

and Turkish Technic Inc are among the key aircraft MRO market players profiled during this study. In addition, several other important aircraft MRO market players have been studied and analyzed during the study to get a holistic view of the aircraft MRO market and its ecosystem.

Contents

1. INTRODUCTION

- 1.1 The Insight Partners Research Report Guidance
- 1.2 Market Segmentation

2. EXECUTIVE SUMMARY

- 2.1 Key Insights
- 2.2 Market Attractiveness

3. RESEARCH METHODOLOGY

- 3.1 Coverage
- 3.2 Secondary Research
- 3.3 Primary Research

4. AIRCRAFT MRO MARKET LANDSCAPE

- 4.1 Overview
- 4.2 Porter's Analysis
- 4.3 Ecosystem Analysis
 - 4.3.1 Component Suppliers
 - 4.3.2 MRO Service Providers
 - 4.3.3 End Users

5. AIRCRAFT MRO MARKET - KEY INDUSTRY DYNAMICS

- 5.1 Aircraft MRO Market - Key Industry Dynamics
- 5.2 Market Drivers
 - 5.2.1 Increasing Air Travel
 - 5.2.2 Rising Presence of MRO Service Providers in Emerging Economies
 - 5.2.3 Growing Integration of Digital Technology in MRO Industry
- 5.3 Market Restraints
 - 5.3.1 OEMs Entering Aftermarket
 - 5.3.2 Rise in Environmental Concerns
- 5.4 Market Opportunities
 - 5.4.1 Retrofitting of Older Aircraft Fleet

- 5.4.2 Increasing Adoption of Sustainable Aviation Fuel (SAF)
- 5.5 Future Trends
 - 5.5.1 Blockchain Technology Changing MRO Landscape
- 5.6 Impact of Drivers and Restraints:

6. AIRCRAFT MRO MARKET - GLOBAL MARKET ANALYSIS

- 6.1 Aircraft MRO Market Revenue (US\$ Million), 2022 – 2030
- 6.2 Aircraft MRO Market Forecast and Analysis

7. AIRCRAFT MRO MARKET ANALYSIS – COMPONENT

- 7.1.1 Overview
- 7.1.2 Aircraft MRO Market, By Component (2022 and 2030)
- 7.2 Engine MRO
 - 7.2.1 Overview
 - 7.2.2 Engine MRO Market, Revenue and Forecast to 2030 (US\$ Million)
- 7.3 Avionics MRO
 - 7.3.1 Overview
 - 7.3.2 Avionics MRO Market, Revenue and Forecast to 2030 (US\$ Million)
- 7.4 Airframe MRO
 - 7.4.1 Overview
 - 7.4.2 Airframe MRO Market, Revenue and Forecast to 2030 (US\$ Million)
- 7.5 Cabin MRO
 - 7.5.1 Overview
 - 7.5.2 Cabin MRO Market, Revenue and Forecast to 2030 (US\$ Million)
- 7.6 Landing Gear MRO
 - 7.6.1 Overview
 - 7.6.2 Landing Gear MRO Market, Revenue and Forecast to 2030 (US\$ Million)
- 7.7 Others
 - 7.7.1 Overview
 - 7.7.2 Others Market, Revenue and Forecast to 2030 (US\$ Million)

8. AIRCRAFT MRO MARKET ANALYSIS – AIRCRAFT TYPE

- 8.1.1 Overview
- 8.1.2 Aircraft MRO Market, By Aircraft Type (2022 and 2030)
- 8.2 Fixed Wing
 - 8.2.1 Overview

8.2.2 Fixed Wing Market, Revenue and Forecast to 2030 (US\$ Million)

8.3 Rotary Wing

8.3.1 Overview

8.3.2 Rotary Wing Market, Revenue and Forecast to 2030 (US\$ Million)

9. AIRCRAFT MRO MARKET ANALYSIS – END USER

9.1.1 Overview

9.1.2 Aircraft MRO Market, By End User (2022 and 2030)

9.2 Commercial

9.2.1 Overview

9.2.2 Commercial Market, Revenue and Forecast to 2030 (US\$ Million)

9.3 Military

9.3.1 Overview

9.3.2 Military Market, Revenue and Forecast to 2030 (US\$ Million)

10. AIRCRAFT MRO MARKET - GEOGRAPHICAL ANALYSIS

10.1 Overview

10.2 North America

10.2.1 North America Aircraft MRO Market Overview

10.2.2 North America Aircraft MRO Market Revenue and Forecasts to 2030 (US\$ Mn)

10.2.3 North America Aircraft MRO Market Breakdown by Component

10.2.3.1 North America Aircraft MRO Market Revenue and Forecasts and Analysis -
By Component

10.2.4 North America Aircraft MRO Market Breakdown by Aircraft Type

10.2.4.1 North America Aircraft MRO Market Revenue and Forecasts and Analysis -
By Aircraft Type

10.2.5 North America Aircraft MRO Market Breakdown by End User

10.2.5.1 North America Aircraft MRO Market Revenue and Forecasts and Analysis -
By End User

10.2.6 North America Aircraft MRO Market Revenue and Forecasts and Analysis - By
Country

10.2.6.1 US Aircraft MRO Market Revenue and Forecasts to 2030 (US\$ Mn)

10.2.6.1.1 US Aircraft MRO Market Breakdown by Component

10.2.6.1.2 US Aircraft MRO Market Breakdown by Aircraft Type

10.2.6.1.3 US Aircraft MRO Market Breakdown by End User

10.2.6.2 Canada Aircraft MRO Market Revenue and Forecasts to 2030 (US\$ Mn)

10.2.6.2.1 Canada Aircraft MRO Market Breakdown by Component

- 10.2.6.2.2 Canada Aircraft MRO Market Breakdown by Aircraft Type
- 10.2.6.2.3 Canada Aircraft MRO Market Breakdown by End User
- 10.2.6.3 Mexico Aircraft MRO Market Revenue and Forecasts to 2030 (US\$ Mn)
 - 10.2.6.3.1 Mexico Aircraft MRO Market Breakdown by Component
 - 10.2.6.3.2 Mexico Aircraft MRO Market Breakdown by Aircraft Type
 - 10.2.6.3.3 Mexico Aircraft MRO Market Breakdown by End User
- 10.3 Europe
 - 10.3.1 Europe Aircraft MRO Market Overview
 - 10.3.2 Europe Aircraft MRO Market Revenue and Forecasts to 2030 (US\$ Mn)
 - 10.3.3 Europe Aircraft MRO Market Breakdown by Component
 - 10.3.3.1 Europe Aircraft MRO Market Revenue and Forecasts and Analysis - By Component
 - 10.3.4 Europe Aircraft MRO Market Breakdown by Aircraft Type
 - 10.3.4.1 Europe Aircraft MRO Market Revenue and Forecasts and Analysis - By Aircraft Type
 - 10.3.5 Europe Aircraft MRO Market Breakdown by End User
 - 10.3.5.1 Europe Aircraft MRO Market Revenue and Forecasts and Analysis - By End User
 - 10.3.6 Europe Aircraft MRO Market Revenue and Forecasts and Analysis - By Country
 - 10.3.6.1 Germany Aircraft MRO Market Revenue and Forecasts to 2030 (US\$ Mn)
 - 10.3.6.1.1 Germany Aircraft MRO Market Breakdown by Component
 - 10.3.6.1.2 Germany Aircraft MRO Market Breakdown by Aircraft Type
 - 10.3.6.1.3 Germany Aircraft MRO Market Breakdown by End User
 - 10.3.6.2 France Aircraft MRO Market Revenue and Forecasts to 2030 (US\$ Mn)
 - 10.3.6.2.1 France Aircraft MRO Market Breakdown by Component
 - 10.3.6.2.2 France Aircraft MRO Market Breakdown by Aircraft Type
 - 10.3.6.2.3 France Aircraft MRO Market Breakdown by End User
 - 10.3.6.3 Italy Aircraft MRO Market Revenue and Forecasts to 2030 (US\$ Mn)
 - 10.3.6.3.1 Italy Aircraft MRO Market Breakdown by Component
 - 10.3.6.3.2 Italy Aircraft MRO Market Breakdown by Aircraft Type
 - 10.3.6.3.3 Italy Aircraft MRO Market Breakdown by End User
 - 10.3.6.4 UK Aircraft MRO Market Revenue and Forecasts to 2030 (US\$ Mn)
 - 10.3.6.4.1 UK Aircraft MRO Market Breakdown by Component
 - 10.3.6.4.2 UK Aircraft MRO Market Breakdown by Aircraft Type
 - 10.3.6.4.3 UK Aircraft MRO Market Breakdown by End User
 - 10.3.6.5 Russia Aircraft MRO Market Revenue and Forecasts to 2030 (US\$ Mn)
 - 10.3.6.5.1 Russia Aircraft MRO Market Breakdown by Component
 - 10.3.6.5.2 Russia Aircraft MRO Market Breakdown by Aircraft Type
 - 10.3.6.5.3 Russia Aircraft MRO Market Breakdown by End User

10.3.6.6 Rest of Europe Aircraft MRO Market Revenue and Forecasts to 2030 (US\$ Mn)

10.3.6.6.1 Rest of Europe Aircraft MRO Market Breakdown by Component

10.3.6.6.2 Rest of Europe Aircraft MRO Market Breakdown by Aircraft Type

10.3.6.6.3 Rest of Europe Aircraft MRO Market Breakdown by End User

10.4 Asia Pacific

10.4.1 Asia Pacific Aircraft MRO Market Overview

10.4.2 Asia Pacific Aircraft MRO Market Revenue and Forecasts to 2030 (US\$ Mn)

10.4.3 Asia Pacific Aircraft MRO Market Breakdown by Component

10.4.3.1 Asia Pacific Aircraft MRO Market Revenue and Forecasts and Analysis - By Component

10.4.4 Asia Pacific Aircraft MRO Market Breakdown by Aircraft Type

10.4.4.1 Asia Pacific Aircraft MRO Market Revenue and Forecasts and Analysis - By Aircraft Type

10.4.5 Asia Pacific Aircraft MRO Market Breakdown by End User

10.4.5.1 Asia Pacific Aircraft MRO Market Revenue and Forecasts and Analysis - By End User

10.4.6 Asia Pacific Aircraft MRO Market Revenue and Forecasts and Analysis - By Country

10.4.6.1 Australia Aircraft MRO Market Revenue and Forecasts to 2030 (US\$ Mn)

10.4.6.1.1 Australia Aircraft MRO Market Breakdown by Component

10.4.6.1.2 Australia Aircraft MRO Market Breakdown by Aircraft Type

10.4.6.1.3 Australia Aircraft MRO Market Breakdown by End User

10.4.6.2 China Aircraft MRO Market Revenue and Forecasts to 2030 (US\$ Mn)

10.4.6.2.1 China Aircraft MRO Market Breakdown by Component

10.4.6.2.2 China Aircraft MRO Market Breakdown by Aircraft Type

10.4.6.2.3 China Aircraft MRO Market Breakdown by End User

10.4.6.3 India Aircraft MRO Market Revenue and Forecasts to 2030 (US\$ Mn)

10.4.6.3.1 India Aircraft MRO Market Breakdown by Component

10.4.6.3.2 India Aircraft MRO Market Breakdown by Aircraft Type

10.4.6.3.3 India Aircraft MRO Market Breakdown by End User

10.4.6.4 Japan Aircraft MRO Market Revenue and Forecasts to 2030 (US\$ Mn)

10.4.6.4.1 Japan Aircraft MRO Market Breakdown by Component

10.4.6.4.2 Japan Aircraft MRO Market Breakdown by Aircraft Type

10.4.6.4.3 Japan Aircraft MRO Market Breakdown by End User

10.4.6.5 South Korea Aircraft MRO Market Revenue and Forecasts to 2030 (US\$ Mn)

10.4.6.5.1 South Korea Aircraft MRO Market Breakdown by Component

10.4.6.5.2 South Korea Aircraft MRO Market Breakdown by Aircraft Type

- 10.4.6.5.3 South Korea Aircraft MRO Market Breakdown by End User
- 10.4.6.6 Rest of APAC Aircraft MRO Market Revenue and Forecasts to 2030 (US\$ Mn)
 - 10.4.6.6.1 Rest of APAC Aircraft MRO Market Breakdown by Component
 - 10.4.6.6.2 Rest of APAC Aircraft MRO Market Breakdown by Aircraft Type
 - 10.4.6.6.3 Rest of APAC Aircraft MRO Market Breakdown by End User
- 10.5 Middle East & Africa
 - 10.5.1 Middle East & Africa Aircraft MRO Market Overview
 - 10.5.2 Middle East & Africa Aircraft MRO Market Revenue and Forecasts to 2030 (US\$ Mn)
 - 10.5.3 Middle East & Africa Aircraft MRO Market Breakdown by Component
 - 10.5.3.1 Middle East & Africa Aircraft MRO Market Revenue and Forecasts and Analysis - By Component
 - 10.5.4 Middle East & Africa Aircraft MRO Market Breakdown by Aircraft Type
 - 10.5.4.1 Middle East & Africa Aircraft MRO Market Revenue and Forecasts and Analysis - By Aircraft Type
 - 10.5.5 Middle East & Africa Aircraft MRO Market Breakdown by End User
 - 10.5.5.1 Middle East & Africa Aircraft MRO Market Revenue and Forecasts and Analysis - By End User
 - 10.5.6 Middle East & Africa Aircraft MRO Market Revenue and Forecasts and Analysis - By Country
 - 10.5.6.1 South Africa Aircraft MRO Market Revenue and Forecasts to 2030 (US\$ Mn)
 - 10.5.6.1.1 South Africa Aircraft MRO Market Breakdown by Component
 - 10.5.6.1.2 South Africa Aircraft MRO Market Breakdown by Aircraft Type
 - 10.5.6.1.3 South Africa Aircraft MRO Market Breakdown by End User
 - 10.5.6.2 Saudi Arabia Aircraft MRO Market Revenue and Forecasts to 2030 (US\$ Mn)
 - 10.5.6.2.1 Saudi Arabia Aircraft MRO Market Breakdown by Component
 - 10.5.6.2.2 Saudi Arabia Aircraft MRO Market Breakdown by Aircraft Type
 - 10.5.6.2.3 Saudi Arabia Aircraft MRO Market Breakdown by End User
 - 10.5.6.3 UAE Aircraft MRO Market Revenue and Forecasts to 2030 (US\$ Mn)
 - 10.5.6.3.1 UAE Aircraft MRO Market Breakdown by Component
 - 10.5.6.3.2 UAE Aircraft MRO Market Breakdown by Aircraft Type
 - 10.5.6.3.3 UAE Aircraft MRO Market Breakdown by End User
 - 10.5.6.4 Rest of MEA Aircraft MRO Market Revenue and Forecasts to 2030 (US\$ Mn)
 - 10.5.6.4.1 Rest of MEA Aircraft MRO Market Breakdown by Component
 - 10.5.6.4.2 Rest of MEA Aircraft MRO Market Breakdown by Aircraft Type
 - 10.5.6.4.3 Rest of MEA Aircraft MRO Market Breakdown by End User

10.6 South America

10.6.1 South America Aircraft MRO Market Overview

10.6.2 South America Aircraft MRO Market Revenue and Forecasts to 2030 (US\$ Mn)

10.6.3 South America Aircraft MRO Market Breakdown by Component

10.6.3.1 South America Aircraft MRO Market Revenue and Forecasts and Analysis - By Component

10.6.4 South America Aircraft MRO Market Breakdown by Aircraft Type

10.6.4.1 South America Aircraft MRO Market Revenue and Forecasts and Analysis - By Aircraft Type

10.6.5 South America Aircraft MRO Market Breakdown by End User

10.6.5.1 South America Aircraft MRO Market Revenue and Forecasts and Analysis - By End User

10.6.6 South America Aircraft MRO Market Revenue and Forecasts and Analysis - By Country

10.6.6.1 Brazil Aircraft MRO Market Revenue and Forecasts to 2030 (US\$ Mn)

10.6.6.1.1 Brazil Aircraft MRO Market Breakdown by Component

10.6.6.1.2 Brazil Aircraft MRO Market Breakdown by Aircraft Type

10.6.6.1.3 Brazil Aircraft MRO Market Breakdown by End User

10.6.6.2 Argentina Aircraft MRO Market Revenue and Forecasts to 2030 (US\$ Mn)

10.6.6.2.1 Argentina Aircraft MRO Market Breakdown by Component

10.6.6.2.2 Argentina Aircraft MRO Market Breakdown by Aircraft Type

10.6.6.2.3 Argentina Aircraft MRO Market Breakdown by End User

10.6.6.3 Rest of SAM Aircraft MRO Market Revenue and Forecasts to 2030 (US\$ Mn)

10.6.6.3.1 Rest of SAM Aircraft MRO Market Breakdown by Component

10.6.6.3.2 Rest of SAM Aircraft MRO Market Breakdown by Aircraft Type

10.6.6.3.3 Rest of SAM Aircraft MRO Market Breakdown by End User

11. AIRCRAFT MRO MARKET – IMPACT OF COVID-19 PANDEMIC

11.1 Pre & Post Covid-19 Impact

12. COMPETITIVE LANDSCAPE

12.1 Company Positioning & Concentration

13. INDUSTRY LANDSCAPE

13.1 Overview

13.2 Market Initiative

13.3 Merger and Acquisition

14. COMPANY PROFILES

14.1 AAR CORP

14.1.1 Key Facts

14.1.2 Business Description

14.1.3 Products and Services

14.1.4 Financial Overview

14.1.5 SWOT Analysis

14.1.6 Key Developments

14.2 Barnes Group Inc

14.2.1 Key Facts

14.2.2 Business Description

14.2.3 Products and Services

14.2.4 Financial Overview

14.2.5 SWOT Analysis

14.2.6 Key Developments

14.3 GE Aviation

14.3.1 Key Facts

14.3.2 Business Description

14.3.3 Products and Services

14.3.4 Financial Overview

14.3.5 SWOT Analysis

14.3.6 Key Developments

14.4 FLTechnics, UAB.

14.4.1 Key Facts

14.4.2 Business Description

14.4.3 Products and Services

14.4.4 Financial Overview

14.4.5 SWOT Analysis

14.4.6 Key Developments

14.5 Turkish Technic Inc.

14.5.1 Key Facts

14.5.2 Business Description

14.5.3 Products and Services

14.5.4 Financial Overview

14.5.5 SWOT Analysis

- 14.5.6 Key Developments
- 14.6 Singapore Technologies Engineering Ltd
 - 14.6.1 Key Facts
 - 14.6.2 Business Description
 - 14.6.3 Products and Services
 - 14.6.4 Financial Overview
 - 14.6.5 SWOT Analysis
 - 14.6.6 Key Developments
- 14.7 Lufthansa Technik
 - 14.7.1 Key Facts
 - 14.7.2 Business Description
 - 14.7.3 Products and Services
 - 14.7.4 Financial Overview
 - 14.7.5 SWOT Analysis
 - 14.7.6 Key Developments
- 14.8 Delta TechOps
 - 14.8.1 Key Facts
 - 14.8.2 Business Description
 - 14.8.3 Products and Services
 - 14.8.4 Financial Overview
 - 14.8.5 SWOT Analysis
 - 14.8.6 Key Developments
- 14.9 Rolls-Royce Holdings Plc
 - 14.9.1 Key Facts
 - 14.9.2 Business Description
 - 14.9.3 Products and Services
 - 14.9.4 Financial Overview
 - 14.9.5 SWOT Analysis
 - 14.9.6 Key Developments
- 14.10 Collins Aerospace
 - 14.10.1 Key Facts
 - 14.10.2 Business Description
 - 14.10.3 Products and Services
 - 14.10.4 Financial Overview
 - 14.10.5 SWOT Analysis
 - 14.10.6 Key Developments

15. APPENDIX

15.1 About The Insight Partners

I would like to order

Product name: Aircraft MRO Market Size and Forecasts (2020 - 2030), Global and Regional Share, Trends, and Growth Opportunity Analysis Report Coverage: By Components (Engine MRO, Avionics MRO, Airframe MRO, Cabin MRO, Landing Gear MRO, Others); Aircraft Type (Fixed Wing Aircraft, Rotary Wing Aircraft); End Users (Commercial, Military); and Geography

Product link: <https://marketpublishers.com/r/ADC19ABB5B2DEN.html>

Price: US\$ 4,550.00 (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/ADC19ABB5B2DEN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below
and fax the completed form to +44 20 7900 3970