

Europe Aircraft MRO Market Forecast to 2030 - Regional Analysis - by Components (Engine MRO, Avionics MRO, Airframe MRO, Cabin MRO, Landing Gear MRO, and Others), Aircraft Type (Fixed Wing Aircraft and Rotary Wing Aircraft), and End Users (Commercial and Military)

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Abstracts

The Europe aircraft MRO market was valued at US\$ 21,686.23 million in 2022 and is expected to reach US\$ 29,753.43 million by 2030; it is estimated to register a CAGR of 4.0% from 2022 to 2030.

Growing Integration of Digital Technology in MRO Industry Drives Europe 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.

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.

Europe Aircraft MRO Market Overview

The aircraft MRO market in Europe is segmented into France, Germany, Italy, Russia, the UK, and the Rest of Europe. With more than 20,000 flights a day and ~500 million passengers traveling every year by air, Europe is accredited to have the world's busiest airspace. The strength of the regional economy and growing air travel, which is increasing the use of MRO services due to growing flying hours, are some of the significant factors driving the demand for aircraft MRO in Europe. The demand for new modern aircraft in the commercial and military aircraft fleets in the region is also driving the market for aircraft MRO. Airline in Europe needs to adhere to the stringent rules and regulations set by the European Aviation Safety Agency (EASA) to ensure that passenger safety is directly impacting the growth of aircraft MRO market. Aircraft MRO aids in the maintenance process and improves the aircraft's reliability and productivity.

In addition, the European market is influenced by the company's inorganic market strategies, such as partnerships, which help establish relationships with other suppliers while also allowing the company to gain market position. For example, Lufthansa Technik, Germany's largest MRO service provider, teamed up with Collins Aerospace, a US-based aerospace and defense products supplier. The collaboration aims to provide maintenance services for the Airbus A380 main landing gear. As a result of the collaboration, the German aircraft MRO market is expected to expand, which will eventually boost the European aircraft MRO market.

FL Technics, Lufthansa Technik, and Rolls-Royce Plc are among the players operating in the Europe aircraft MRO market. For instance, FL Technics, a global provider of aircraft MRO services, acquired Wright International. FL Technics MRO offers a broad range of line maintenance services for wide-body and narrow-body aircraft. According to The Insight Partners analysis, in 2023, Europe had a fleet of more than 5,000 operational commercial aircraft, which is expected to reach ~7,000 commercial aircraft fleet by the end of 2033. Such a huge number of operating commercial aircraft will further generate the demand for MRO services in the region. Moreover, such an increase in the number of aircraft fleets across Europe is expected to bolster the requirement of MRO for major aircraft components such as engines and airframes.

In June 2023, Pratt & Whitney, a subsidiary of RTX (Raytheon Technologies

Corporation), unveiled the conclusion of significant engine and aftermarket agreements with Croatia Airlines. These agreements pertain to the state-of-the-art Geared Turbofan (GTF) engines designated to power Croatia Airlines' extensive fleet comprising 15 Airbus A220-100 and A220-300 aircraft. This fleet encompasses both acquired and leased planes, with six being purchased outright and nine procured under lease arrangements, including six from Air Lease Corporation (ALC). The inaugural aircraft is slated for delivery during the second quarter of 2024. As part of these agreements, Pratt & Whitney will assume responsibility for comprehensive engine maintenance for Croatia Airlines' fleet through a long-term EngineWise maintenance agreement. This collaboration underscores Pratt & Whitney's commitment to providing robust aftermarket support and maintenance services to optimize the performance and reliability of Croatia Airlines' Airbus A220 aircraft fleet.

The agreement between Pratt & Whitney and Croatia Airlines reinforces the capability and capacity of European MRO providers. This, coupled with the expected increase in the demand for MRO services due to fleet expansion, positions the European aircraft MRO market for growth and prominence in the global aviation industry.

Europe Aircraft MRO Market Revenue and Forecast to 2030 (US\$ Million)

Europe Aircraft MRO Market Segmentation

The Europe aircraft MRO market is categorized into components, aircraft type, end users, and country.

Based on components, the Europe aircraft MRO market is segmented into engine MRO, avionics MRO, airframe MRO, cabin MRO, landing gear MRO, and others. The engine MRO segment held the largest market share in 2022.

In terms of aircraft type, the Europe aircraft MRO market is bifurcated into fixed wing aircraft and rotary wing aircraft. The fixed wing aircraft segment held a larger market share in 2022.

By end users, the Europe aircraft MRO market is bifurcated into commercial and military. The commercial segment held a larger market share in 2022.

By country, the Europe aircraft MRO market is segmented into France, Germany, Italy, Russia, the UK, and the Rest of Europe. Germany dominated the Europe aircraft MRO market share in 2022.

AAR CORP; 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 leading companies operating in the Europe aircraft MRO market.

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