

Global Helicopter Engines Market Size study & Forecast, by Sale (OEM, Aftermarket) by Type (Piston Engines, Gas Turbine Engines, Stamping Engines), by Application (Military, Civil and Commercial, Others), by Number of Engines (Twin Engines, Single Engines), and Regional Analysis, 2022-2029

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Abstracts

Global Helicopter Engines Market is valued at approximately USD 21.58 billion in 2021 and is anticipated to grow with a healthy growth rate of more than 3.10% over the forecast period 2022-2029. The reciprocating engine and the turbine engine are the two most popular types of engines used in helicopters. Smaller helicopters often employ reciprocating engines, sometimes known as piston engines. Reciprocal engines are typically used in instructional helicopters because they are straightforward and affordable to run. The rising replacement of aging ageing military helicopter , increasing demand of for lightweight helicopters, and growing replacement of outdated helicopter systems and components, as well as capacity development initiatives in countries are fostering the market demand across the globe.

The rising demand for helicopters for various military and commercial applications is acting as a key driving factor for the market growth. The Stockholm International Peace Research Center reported that a surge in military spending in Asia is likely to boost global spending over USD 2 trillion for the first time in 2021. The main forces behind development in Asia and Oceania were China, which spent an estimated USD 293 billion, and India, which invested USD 76.6 billion. Thus, these aforementioned factors are fueling the market demand. The replacement of outdated helicopter systems and components, as well as capacity development initiatives in countries, are expected to drive market growth for military helicopters. A greater portion of the helicopter

replacements and capability upgrades are anticipated to come from the production of the next-generation compound and tilt helicopters. Urban Air Mobility (UAM) is a proposal for inter- and intra-city mobility that makes advantage of the vertical takeoff and landing capabilities of helicopters, as well as impending electric-hybrid engine technologies. Electric helicopters sometimes referred to as e-VTOL aircraft (electric vertical takeoff and landing) aircraft, may take off and land at vertiports designed for urban transportation in cities. The growing cost of fuel is a difficulty for the helicopter sector since it discourages investment. Customers often hesitate to make a purchase because they do not want to spend too much on the operations after making a significant investment in the helicopter. However, the delivery backlogs by major OEMs and rising cost of gasoline restrains market expansion over the projection period of 2022–2029. Furthermore, the increasing commercialization of UAM and eVTOL as well as rising scope for helicopter aftermarket are creating various opportunities for the market over the forecasting period.

The key regions considered for the Global Helicopter Engines Market study includes Asia Pacific, North America, Europe, Latin America, and Rest of the World. North America dominated the market in terms of revenue, The US military is able to purchase modern helicopters because of the enormous military funds of the country. This may also influence the manufacturers of new helicopter engines used in these aircraft. The Asia Pacific is the fastest-growing region. Chinook and Apache helicopter deployments are now going to India. In addition to purchasing new helicopters from several international OEMs, China is also purchasing helicopters that are made domestically. In the future, Australia is anticipated to purchase helicopters for use in both law enforcement and commercial applications. During the projection period, all these elements are anticipated to accelerate the expansion of the market that has been researched in the area.

Major market player included in this report are:

Safran SA

United Technologies Corporation

General Electric Company

Rolls-Royce Holding PLC

Honeywell International Inc.

Hindustan Aeronautics Limited

Turkish Aerospace Industries

Aircraft Specialties Services

Mitsubishi Heavy Industries, Ltd.

ULPower Aero Engines

Recent Developments in the Market:

In March 2021, A four-year, USD 476 million IDIQ contract for new products and spare T55-GA-714A engines, which power the CH-47 Chinook helicopters used by the US Army, was given to Honeywell.

In August 2020, The Improved Engine Turbine Program (ITEP) programme, a future helicopter engine developed by the US Army, its design approved. By the end of 2021, the programme will have the first engine ready for testing.

Global Helicopter Engines Market Report Scope:

Historical Data 2019-2020-2021

Base Year for Estimation 2021

Forecast period 2022-2029

Report Coverage Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Segments Covered Sale, Type, Application, Number of Engines, Region

Regional Scope North America; Europe; Asia Pacific; Latin America; Rest of the World

Customization Scope Free report customization (equivalent up to 8 analyst's working hours) with purchase. Addition or alteration to country, regional & segment scope*

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within countries involved in the study.

The report also caters detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, it also incorporates potential opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Sale:

OEM

Aftermarket

By Type:

Piston Engine

Gas Turbine Engine

Stamping Engine

By Application:

Military

Civil and commercial

Others

By Number of Engines:

Twin engines

Single engines

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC

Latin America

Brazil

Mexico

Rest of the World

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