

# Helicopter Simulation Market Size is Projected to Attain \$1.8 Billion By 2031 | FLYIT Simulators, Inc., Textron Inc

By simulator type, the fixed-base flight training devices segment is anticipated to exhibit significant growth in the near future.

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Helicopter simulation market is expected to reach \$1.8 Billion in 2031. Growing at a CAGR of 6.1% (2022-2031).



Helicopter Simulation Market

The report provides an extensive analysis of changing market dynamics, major segments, value chain, competitive scenario, and regional landscape. This research offers a valuable guidance to leading players, investors, shareholders, and startups in devising strategies for the sustainable growth and gaining competitive edge in the market.



Rise in air passenger traffic, surge in defense expenditure, increase in concern regarding passenger safety, and rise in number of pilot training institutes drive the helicopter simulation market”

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Helicopter simulation in training has become essential for pilot safety. The helicopter simulation can provide accident-free tactical and operational training for commercial and military operations. Helicopter simulations are primarily used for pilot training and testing, simulating a pilot's experience indistinguishable from real flight. Simulators provide a safe environment to study the consequences of incorrect decisions without the risk of

accidents. Strict government standards and regulations for passenger safety are expected to further increase the demand for helicopter simulation.

The research provides detailed [segmentation of the global helicopter simulation market](#) based on offering, simulator type, application, and region. The report discusses segments and their sub-segments in detail with the help of tables and figures. Market players and investors can strategize according to the highest revenue-generating and fastest-growing segments mentioned in the report.

Key players operating in the global helicopter simulation market include:

Key players operating in the global helicopter simulation market include Lockheed Martin, Boeing, Airbus, Leonardo, BAE Systems, Honeywell, and others. The report also discusses the market's growth drivers, challenges, and opportunities.

Simulation-based training programs are conducted for helicopter and ambulance crews (paramedics, paramedics/flight nurses, pilots) to improve their technical skills and engage in rescue operations. Numerous companies develop simulators to enhance professionals' skills in helicopter emergency service. For instance, the Modular Interactive Trainer for Helicopter Operators (MITHOS) Simulator designed by Leonardo reproduces complex and dangerous maneuvers in physical and virtual environments, enabling crews to quickly respond to emergencies.

For more information on the global helicopter simulation market, visit: <https://www.alliedmarketresearch.com/helicopter-simulation-market/purchase-options>

Factors such as increase in air passenger traffic, rise in defense expenditure, increase in concern about passenger safety, and rise in number of pilot training institutes are expected to drive the market growth. However, high purchase cost, operating cost, and frequent maintenance cost hampers the market growth. Furthermore, rise in adoption of virtual reality and AI in helicopter simulation, and greater use in civil and commercial aviation are the factors expected to offer lucrative opportunities for the [Helicopter Simulation Market growth](#).

Countries in Asia-Pacific region such as China and India, are currently focusing on enhancing their air capabilities, owing to increasing geopolitical conflict with neighboring countries, which in turn contributes in the growth of the market in the region. For instance, China planned to induct 121 Russian-made helicopters into their fleet by 2020. The helicopters range includes 68 Mi-171 helicopters, 21 Ansat helicopters, 18 Mi-171Sh helicopters, and 14s Mi-171 helicopters.

Key players operating in the Asia-Pacific helicopter simulation market include:

Asia-Pacific is expected to experience growth during the forecast period. Asia-Pacific includes China, Japan, India, South Korea, and rest of Asia-Pacific. Rest of Asia-Pacific includes Australia, New Zealand, Indonesia, Singapore, Malaysia, Vietnam, and others. The helicopter simulation market has great prospects in the Asia-Pacific, owing to increase in demand for civil helicopter

for applications such as search and rescue, VIP transportation, and others, along with integration of new models of helicopters by several countries into their defense fleets.

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Post pandemic, the demand for helicopters has increased owing to limited capacity for commercial flights and the ability to avoid busier airports. Quiet helipads lead to limited human contact, thereby increasing the demand for helicopters. There has been an increase in travel by helicopters due to less travel during the pandemic and greater disposable income. This is in line with the increase in the fixed wing market in the U.S. and Europe.

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By offering, the services segment is anticipated to exhibit significant growth in the near future.

By simulator type, the fixed-base flight training devices segment is anticipated to exhibit significant growth in the near future.

By application, the military segment is anticipated to exhibit significant growth in the near future.

By region, Asia-Pacific is anticipated to register the highest CAGR during the forecast period.

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