

Civil Aerospace Simulation and Training Market Size, Share, Industry Trends, Growth and Forecast 2022-2027

SHERIDAN, WY, USA, September 14, 2022 /EINPresswire.com/ -- According to IMARC Group's latest report, titled "Civil Aerospace Simulation and Training Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2022-2027", the global [civil aerospace simulation and training market size](#) reached US\$ 4.8 Billion in 2021. Looking forward, IMARC Group expects the market to reach US\$ 6.0 Billion by 2027, exhibiting a CAGR of 4.21% during 2022-2027.



Industry Definition and Application:

Civil aerospace simulation refers to technological solutions that artificially recreate flight environments for training pilots. It comprises fixed-wing and rotary-wing aircraft, which are integrated with full-flight simulators (FFS), flight training devices (FTD), and basic aviation training devices (BATDs) that act as control panel replicas. These devices produce high-quality images in the simulated cockpit with the support of memory capacity and computing capabilities. Civil aerospace simulation and training are used to improve inflight knowledge by providing hands-on training and acquainting pilots with real-time situations, such as bad weather conditions, electricity loss, tire blowouts during landing, and hydraulic failures.

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Market Trends and Drivers:

The growth of the global civil aerospace simulation and training market can be attributed to the increasing air traffic and the rapid growth in the aerospace and aviation sectors. Moreover, the

growing demand for active proficient pilots has facilitated the widespread adoption of the solution for providing virtual training to crew members, improving their in-flight expertise, and familiarising them with multiple methods to control aircraft under emergencies. Additionally, the large-scale integration of augmented and virtual reality (AR/VR) platforms with multi-monitor systems, mechanical actuation, and computer graphics to offer an immersive experience is supporting the market growth. Besides this, ongoing investments in human space exploration programs for the purposes of training astronauts are augmenting the demand for civil aerospace simulators across the globe.

Civil Aerospace Simulation and Training Market 2022-2027 Competitive Analysis and Segmentation:

Competitive Landscape With Key Players:

The competitive landscape of the civil aerospace simulation and training market has been studied in the report with the detailed profiles of the key players operating in the market.

Some of these key players include:

- CAE Inc
- Diamond Visionics LLC
- Elbit Systems Ltd
- Flightsafety International Inc. (Berkshire Hathaway Inc.)
- Frasca International Inc.
- Indra Sistemas S.A
- L3harris Technologies Inc.
- Lockheed Martin Corporation
- Thales S.A
- The Boeing Company

Key Market Segmentation:

The report has segmented the global civil aerospace simulation and training market based on type, aircraft type, platform, application and region.

Breakup by Type:

- Full Flight Simulator
- Flight Training Device
- Others

Breakup by Aircraft Type:

- Regional Jets
- Narrow Body Aircrafts
- Wide Body Aircrafts
- Others

Breakup by Platform:

- Fixed Wing Simulator
- Rotary Wing Simulator

Breakup by Application:

- Commercial Aviation Training
- Space Training
- Military Aviation Training
- Others

Breakup by Region:

- North America
- Asia Pacific
- Europe
- Latin America
- Middle East and Africa

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Key Highlights of the Report:

- Market Performance (2016-2021)
- Market Outlook (2022-2027)
- Market Trends
- Market Drivers and Success Factors
- Impact of COVID-19
- Value Chain Analysis
- Comprehensive mapping of the competitive landscape

If you need specific information that is not currently within the scope of the report, we will provide it to you as a part of the customization.

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IMARC's information products include major market, scientific, economic and technological developments for business leaders in pharmaceutical, industrial, and high technology organizations. Market forecasts and industry analysis for biotechnology, advanced materials, pharmaceuticals, food and beverage, travel and tourism, nanotechnology and novel processing methods are at the top of the company's expertise.

Our offerings include comprehensive market intelligence in the form of research reports, production cost reports, feasibility studies, and consulting services. Our team, which includes experienced researchers and analysts from various industries, is dedicated to providing high-quality data and insights to our clientele, ranging from small and medium businesses to Fortune 1000 corporations.

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