Flight Simulator Market by Application (Military, Commercial), by Type of Flight (Fixed Wing, Rotary Wing, Unmanned Aircraft), Military Component (FFS, FMS, FTD), Commercial Component (FFS, FBS, FTD), Geography - Global Forecast to 2021

Description: The global flight simulator market is expected to grow from USD 6.18 billion in 2016 to USD 7.54 billion by 2021, at a CAGR of 4.1% from 2016 to 2021. The market is mainly driven by factors such as the need for more pilot training given the rise in air traffic, the adoption of virtual training for pilots, and the need for cost-effective pilot training.

The key applications considered for the market study are military and commercial. The commercial segment is projected to grow at the highest CAGR during the forecast period, owing to the rising demand for commercial pilots to meet the growing fleet size. The military segment accounted for the largest share of the global flight simulator market in 2015.

The key subsegments of the military component segment are FFS (Full Flight Simulator), FMS (Full Mission Simulator), and FTDs (Flight Training Devices). Among them, the FFS subsegment is projected to grow at the highest CAGR during the forecast period, because these simulators have navigation and flight control systems on a motion platform. They can also be used for both, primary and regular training. FTDs accounted for the largest share of the global flight simulator market, by military component, in 2015.

In 2015, North America led the global flight simulator market, and is expected to continue its dominance till 2021. North America has the highest simulator utilization rate. The global flight simulator market in the Asia-Pacific region is projected to grow at the highest CAGR during the forecast period. High demand for air travel, which is the major reason behind the increased need for pilot training, is expected to boost the flight simulator market.

Break-up of profile of primary participants for the global flight simulator market:

- By Company Type - Tier 1 - 35%, Tier 2 - 45%, and Tier 3 - 20%
- By Designation - C level - 35%, Director level - 25%, Others - 40%
- By Region - North America - 45%, Europe - 20%, Asia-Pacific - 30%, RoW - 5%

Major companies profiled in the report include CAE Inc. (Canada), L-3 Communications Holdings, Inc. (U.S.), FlightSafety International Inc. (U.S.), Thales Group (France), The Boeing Company (U.S.), and Rockwell Collins, Inc. (U.S.), among others.

Objectives of the Study:

The report analyzes the market on the basis application (military and commercial), type of flight (fixed wing, rotary wing, and unmanned aircraft), military component (FFS, FMS, and FTDs), and commercial component (FFS, FBS, and FTDs), and maps these segments and subsegments across major regions worldwide, namely, North America, Europe, Asia-Pacific, the Middle East, and Rest of the World.

The report provides in-depth market intelligence regarding market dynamics and major factors that influence the growth of the global flight simulator market (drivers, restraints, opportunities, and industry-specific challenges), along with analyzing micromarkets with respect to individual growth trends, future prospects, and their contribution to the overall global flight simulator market.

The report also covers competitive developments, such as long-term contracts, joint ventures, mergers, new product launches & developments, and research & development activities in the global flight simulator market, in addition to business and corporate strategies adopted by key market players.

Target Audience

- Flight Simulator Manufacturers
- Flight Simulator Dealers
- Sub-Component Manufacturers
- Technology Support Providers
- End Users

Global Flight Simulator Market Segmentation:

Global Flight Simulator Market, By Application
- Military
- Commercial

Global Flight Simulator Market, By Type of flight
- Fixed Wing
- Rotary Wing
- Unmanned Aircraft

Global Flight Simulator Market, By Military Component
- FFS (Full Flight Simulator)
- FMS (Full Mission Simulator)
- FTDs (Flight Training Devices)

Global Flight Simulator Market, By Commercial Component
- FFS (Full Flight Simulator)
- FBS (Fixed Base Simulator)
- FTDs (Flight Training Devices)

Global Flight Simulator Market, By Region
- North America
- Europe
- Asia-Pacific
- Middle East
- Rest of the World

Contents:
1 Introduction
  1.1 Objectives of the Study
  1.2 Market Definition
  1.3 Study Scope
  1.3.1 Markets Covered
  1.3.2 Geographic Scope
  1.3.3 Years Considered for the Study
  1.4 Currency & Pricing
  1.5 Limitations
  1.6 Market Stakeholders

2 Research Methodology
  2.1 Research Data
  2.1.1 Secondary Data
  2.1.1.1 Key Data From Secondary Sources
  2.1.2 Primary Data
  2.1.2.1 Key Data From Primary Sources
  2.1.2.2 Key Industry Insights
  2.1.2.3 Breakdown of Primaries
  2.2 Factor Analysis
  2.2.1 Introduction
  2.2.2 Demand-Side Indicators
  2.2.2.1 The Emergence of the Need for Flight Simulators
  2.2.2.2 Rise in Air Travel Globally
  2.2.3 Supply-Side Indicators
  2.2.3.1 High Growth Prospects for Manufacturers
  2.3 Market Size Estimation
  2.3.1 Bottom-Up Approach
  2.3.2 Top-Down Approach
2.4 Market Breakdown & Data Triangulation
2.5 Research Assumptions

3 Executive Summary

4 Premium Insights
4.1 Attractive Opportunities in the Global Flight Simulator Market
4.2 Global Flight Simulator Market, By Application
4.3 Global Flight Simulator Market, By Region
4.4 Global Flight Simulator Market, By Type of Flight
4.5 Global Flight Simulator Market, By Military Component
4.6 Global Flight Simulator Market, By Commercial Component
4.7 Life Cycle Analysis, By Region

5 Market Overview
5.1 Introduction
5.2 Market Segmentation
5.2.1 Global Flight Simulator Market, By Application
5.2.2 Global Flight Simulator Market, By Type of Flight
5.2.3 Global Flight Simulator Market, By Component
5.3 Market Dynamics
5.3.1 Drivers
5.3.1.1 Growing Need to Train New Pilots Due to Increase in Air Traffic Across the Globe
5.3.1.2 Adoption of Virtual Training for Pilots to Ensure Aviation Safety
5.3.1.3 Need for Cost Cutting of Pilot Training
5.3.1.4 Reduction in Military Budgets in Developed Countries, Paving Way for Simulator Training Practices
5.3.2 Restraints
5.3.2.1 High Complexity of Flight Simulator Systems
5.3.3 Opportunities
5.3.3.1 Evolution of Simulators for Unmanned Aerial Systems (UAS)
5.3.3.2 Technological Advancements in the Field of Flight Simulators
5.3.4 Challenges
5.3.4.1 Difficulty for Manufacturers to Keep Pace With the Growing Aviation Industry
5.3.4.2 Lack of Interoperability

6 Industry Trends
6.1 Introduction
6.2 Categorization of Flight Simulators on the Basis of Application Areas & Training Purposes
6.3 Stages of Flight Simulation Technology
6.4 Flight Simulator Costs, By Aircraft Type (USD Per Unit)
6.5 Technology Trend
6.5.1 Real-Time Computer Image Generation
6.5.2 Optimal Motion-Cueing Technology
6.5.3 Reconfigurable Flight Simulator
6.6 Innovations and Patent Registrations (2000-2016)

7 Global Flight Simulator Market, By Application
7.1 Introduction
7.2 Military
7.3 Commercial

8 Global Flight Simulator Market, By Type of Flight
8.1 Introduction
8.2 Fixed Wing Simulator
8.3 Rotary Wing Simulator
8.4 Unmanned Aircraft Simulator

9 Global Flight Simulator Market, By Component
9.1 Introduction
9.2 Military Global Flight Simulator Market, By Component
9.2.1 Flight Training Devices
9.2.2 Full Flight Mission Simulator
9.2.3 Full Flight Simulator
9.2.4 Others
9.3 Commercial Global Flight Simulator Market, By Component
9.3.1 Flight Training Devices
9.3.2 Full Flight Simulator
9.3.3 Fixed Based Simulator
9.3.4 Others

10 Regional Analysis
10.1 Introduction
10.2 North America
10.2.1 By Application
10.2.2 By Type of Flight
10.2.2.1 Military Component
10.2.2.2 Commercial Component
10.2.3 By Country
10.2.3.1 U.S.
10.2.3.2 Canada
10.3 Europe
10.3.1 By Type of Flight
10.3.1.1 By Military Component
10.3.1.2 By Commercial Component
10.3.1.3 By Country
10.3.1.4 U.K.
10.3.2 France
10.3.2.1 Germany
10.3.2.2 Netherlands
10.3.2.3 Russia
10.3.2.4 Italy
10.3.2.5 Turkey
10.3.2.6 Rest of Europe
10.4 Asia-Pacific
10.4.1 By Application
10.4.2 By Type of Flight
10.4.2.1 By Military Component
10.4.2.2 By Commercial Component
10.4.2.3 By Country
10.4.2.4 China
10.4.2.5 India
10.4.2.6 Japan
10.4.2.7 South Korea
10.4.2.8 Australia
10.4.2.9 Rest of APAC
10.5 Middle East
10.5.1 By Type of Flight
10.5.2 Military Component
10.5.3 By Commercial Component
10.5.4 By Country
10.5.4.1 UAE
10.5.4.2 Saudi Arabia
10.5.4.3 Rest of Middle East Countries
10.6 RoW
10.6.1 By Type of Flight
10.6.2 By Military Component
10.6.3 By Commercial Component
10.6.4 By Country
10.6.4.1 Brazil
10.6.4.2 South Africa
10.6.4.3 Others

11 Company Profiles
11.1 Introduction
11.2 CAE Inc.
11.2.1 Business Overview
Table 67 Brazil Flight Simulator Market Size, By Application, 2014-2021 (USD Million)
Table 66 RoW Flight Simulator Market Size, By Country, 2014-2021 (USD Million)
Table 65 RoW Flight Simulator Market Size, By Commercial Component, 2014-2021 (USD Million)
Table 64 RoW Flight Simulator Market Size, By Military Component, 2014-2021 (USD Million)
Table 63 RoW Flight Simulator Market Size, By Type of Flight, 2014-2021 (USD Million)
Table 62 RoW Flight Simulator Market Size, By Application, 2014-2021 (USD Million)
Table 61 Others Flight Simulator Market Size, By Application, 2014-2021 (USD Million)
Table 60 Flight Simulator Market Size, By Application, 2014-2021 (USD Million)
Table 59 UAE Flight Simulator Market Size, By Application, 2014-2021 (USD Million)
Table 58 Middle East Flight Simulator Market Size, By Country, 2014-2021 (USD Million)
Table 57 Middle East Flight Simulator Market Size, By Commercial Component, 2014-2021 (USD Million)
Table 56 Middle East Flight Simulator Market Size, By Military Component, 2014-2021 (USD Million)
Table 55 Middle East Flight Simulator Market Size, By Type of Flight, 2014-2021 (USD Million)
Table 54 Middle East Flight Simulator Market Size, By Application, 2014-2021 (USD Million)
Table 53 Rest of APAC Flight Simulator Market Size, By Application, 2014-2021 (USD Million)
Table 52 Australia Flight Simulator Market Size, By Application, 2014-2021 (USD Million)
Table 51 South Korea Flight Simulator Market Size, By Application, 2014-2021 (USD Million)
Table 50 Japan Flight Simulator Market Size, By Application, 2014-2021 (USD Million)
Table 49 India Flight Simulator Market Size, By Application, 2014-2021 (USD Million)
Table 48 China Flight Simulator Market Size, By Application, 2014-2021 (USD Million)
Table 47 Asia-Pacific Flight Simulator Market Size, By Country, 2014-2021 (USD Million)
Table 46 Asia-Pacific Flight Simulator Market Size, By Commercial Component, 2014-2021 (USD Million)
Table 45 Asia-Pacific Flight Simulator Market Size, By Military Component, 2014-2021 (USD Million)
Table 43 Asia-Pacific Flight Simulator Market Size, By Application, 2014-2021 (USD Million)
Table 42 Rest of Europe Flight Simulator Market Size, By Application, 2014-2021 (USD Million)
Table 41 Turkey Flight Simulator Market Size, By Application, 2014-2021 (USD Million)
Table 40 Italy Flight Simulator Market Size, By Application, 2014-2021 (USD Million)
Table 39 Russia Flight Simulator Market Size, By Application, 2014-2021 (USD Million)
Table 38 Netherlands Flight Simulator Market Size, By Application, 2014-2021 (USD Million)
Table 37 Germany Flight Simulator Market Size, By Application, 2014-2021 (USD Million)
Table 36 France Flight Simulator Market Size, By Application, 2014-2021 (USD Million)
Table 35 U.K. Flight Simulator Market Size, By Application, 2014-2021 (USD Million)
Table 34 Europe Flight Simulator Market Size, By Type of Flight, 2014-2021 (USD Million)
Table 33 Europe Flight Simulator Market Size, By Commercial Component, 2014-2021 (USD Million)
Table 32 Europe Flight Simulator Market Size, By Military Component, 2014-2021 (USD Million)
Table 31 Europe Flight Simulator Market Size, By Application, 2014-2021 (USD Million)
Table 30 Europe Flight Simulator Market Size, By Region, 2014-2021 (USD Million)
Table 29 Canada Flight Simulator Market Size, By Application, 2014-2021 (USD Million)
Table 28 U.S. Flight Simulator Market Size, By Application, 2014-2021 (USD Million)
Table 27 North America: Flight Simulator Market Size, By Country, 2014-2021 (USD Million)
Table 26 North America: Flight Simulator Market Size, By Commercial Component, 2014-2021 (USD Million)
Table 25 North America: Flight Simulator Market Size, By Military Component, 2014-2021 (USD Million)
Table 24 North America Flight Simulator Market Size, By Type of Flight, 2014-2021 (USD Million)
Table 23 North America: Flight Simulator Market Size, By Application, 2014-2021 (USD Million)
Table 22 Flight Simulator Market Size, By Region, 2014-2021 (USD Million)
Table 21 Other Commercial Simulator Components Market, By Region, 2014-2021 (USD Million)
Table 20 Commercial Fixed Based Simulator Market, By Region, 2014-2021 (USD Million)
Table 19 Commercial Global Flight Simulator Market, By Region, 2014-2021 (USD Million)
Table 18 Commercial Flight Training Devices Market, By Region, 2014-2021 (USD Million)
Table 17 Commercial Global Flight Simulator Market, By Component, 2014-2021 (USD Million)
Table 16 Other Military Simulator Components Market, By Region, 2014-2021 (USD Million)
Table 15 Military Full Flight Simulator Market, By Region, 2014-2021 (USD Million)
Table 14 Military Full Flight Mission Simulator Market Size, By Region, 2014-2021 (USD Million)
Table 13 Military Flight Training Devices Market, By Region, 2014-2021 (USD Million)
Table 12 Military Global Flight Simulator Market Size, By Component, 2014-2021 (USD Million)
Table 11 Unmanned Aircraft Simulator Market, By Region, 2014-2021 (USD Million)
Table 10 Rotary Wing Simulator Market, By Region, 2014-2021 (USD Million)
Table 9 Fixed Wing Simulator Market, By Region, 2014-2021 (USD Million)
Table 8 Global Flight Simulator Market Size, By Type of Flight, 2014-2021 (USD Million)
Table 7 Commercial Global Flight Simulator Market, By Region, 2014-2021 (USD Million)
Table 6 Military Global Flight Simulator Market, By Region, 2014-2021 (USD Million)
Table 5 Global Flight Simulator Market Size, By Application, 2014-2021 (USD Million)
Table 68 South Africa Flight Simulator Market Size, By Application, 2014-2021 (USD Million)
Table 69 Others Flight Simulator Market Size, By Application, 2014-2021 (USD Million)
Table 70 Contracts, August 2012- July 2016
Table 71 Agreements, Collaborations, Joint Ventures & Expansions, March 2012- January 2016
Table 72 New Product Launches, September 2013- July 2016

List of Figures

Figure 1 Flight Simulator Market: Markets Covered
Figure 2 Study Years
Figure 3 Global Flight Simulator Market Stakeholders
Figure 4 Research Flow
Figure 5 Research Design
Figure 6 Breakdown of Primary Interviews: By Company Type, Designation, & Region
Figure 7 Benefits of Simulation
Figure 8 Worldwide Passenger Traffic By Air, 2004-2014
Figure 9 Market Size Estimation Methodology: Bottom-Up Approach
Figure 10 Market Size Estimation Methodology: Top-Down Approach
Figure 11 Data Triangulation
Figure 12 Assumptions of the Research Study
Figure 13 Commercial Application Segment Estimated to Account for Higher Growth Rate
Figure 14 Unmanned Aircraft Projected to Register the Maximum Growth Rate During the Forecast Period
Figure 15 Asia-Pacific to Grow at the Highest CAGR in the Global Flight Simulator Market
Figure 16 Contracts Was the Key Growth Strategy for the Market Players In2015
Figure 17 Attractive Opportunities in the Global Flight Simulator Market, 2016-2021
Figure 18 Commercial Application Segment to Grow at the Highest CAGR From 2016 to 2021
Figure 19 APAC Projected to Grow at the Highest CAGR From 2016 to 2021
Figure 20 Unmanned Systems Subsegment Projected to Grow at the Highest CAGR From 2016 to 2021
Figure 21 FFS Projected to Grow at the Highest CAGR From 2016 to 2021
Figure 22 FTD Projected to Grow at the Highest CAGR From 2016 to 2021
Figure 23 Asia-Pacific Market Soon to Enter the Rapid Growth Phase
Figure 24 Global Flight Simulator Market, By Application
Figure 25 Global Flight Simulator Market, By Type of Flight
Figure 26 Global Flight Simulator Market, By Component
Figure 27 Market Dynamics for Global Flight Simulator Market
Figure 28 Increase in Demand for New Pilots, By Region, 2014-2033
Figure 29 Global Accident Rate, 2010-2014
Figure 30 Comparison Between Training Using A Real Aircraft and A Simulator
Figure 31 Declining Share of Military Expenditure in Developed Countries
Figure 32 Funding for Development of UAS, By Region, 2015
Figure 33 Levels of Interoperability
Figure 34 Stages of Flight Simulation Technology
Figure 35 Military Segment of the Global Flight Simulator Market Expected to Account for the Largest Share During the Forecast Period
Figure 36 Unmanned Aircraft Simulators Market Estimated to Grow at the Highest CAGR During the Forecast Period
Figure 37 Flight Training Devices (FTD) Projected to Dominate the Miliatry Global Flight Simulator Market During the Forecast Period
Figure 38 Demand for FFS is Expected to Rise During the Forecast Period
Figure 39 Geographic Snapshot (2016): Markets With Rapid Growth Emerging as Hotspots
Figure 40 North America Flight Simulator Market: Regional Snapshot
Figure 41 North America Flight Simulator Market, By Application, 2016 & 2021 (USD Million)
Figure 42 North America Flight Simulator Market, By Type of Flight, 2016 & 2021
Figure 43 North America Flight Simulator Market, By Military Component, 2016 & 2021
Figure 44 North America Flight Simulator Market, By Commercial Component, 2016 & 2021
Figure 45 North America Flight Simulator Market, By Country, 2016 & 2021
Figure 46 U.S. Flight Simulator Market, By Application, 2016 & 2021 (USD Million)
Figure 47 Canada Flight Simulator Market, By Application, 2016 & 2021
Figure 48 Europe Flight Simulator Market: Geographic Snapshot
Figure 49 Europe Flight Simulator Market, By Application, 2016 & 2021
Figure 50 Europe Flight Simulator Market, By Type of Flight, 2016 & 2021 (USD Million)
Figure 51 Europe Flight Simulator Market, By Military Component, 2016 & 2021 (USD Million)
Figure 52 Europe Flight Simulator Market, By Commercial Component, 2016 & 2021 (USD Million)
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