+44 20 8123 2220
info@marketpublishers.com

Global Civil Aerospace Training and Simulation Market Segmented By Simulator Type (Full Flight Simulator (FFS), Flight Training Devices (FTD), and Other Training Devices), By Application (Commercial Aviation and Space), By Regional, By Competition Forecast & Opportunities, 2018-2028F

https://marketpublishers.com/r/G74C13CCA459EN.html
Date: October 2023
Pages: 172
Price: US$ 4,900.00 (Single User License)
ID: G74C13CCA459EN

Abstracts

The Global Civil Aerospace Training and Simulation Market achieved a valuation of USD 15 billion in 2022 and is expected to experience strong growth throughout the forecast period, with a Compound Annual Growth Rate (CAGR) of 5.6% projected through 2028. During this research period, the civil aerospace simulation and training market is anticipated to capture a larger share of the industry.

A flight simulator is a meticulously crafted environment that replicates various aspects of aviation, including aircraft flight. These simulators are widely used for pilot training, encompassing both rotary-wing and fixed-wing aircraft. The demand for flight simulators is on the rise due to their cost-effective training capabilities in safe weather conditions, alongside the increasing number of aircraft orders. Additionally, the civil aerospace simulation and training industry is witnessing a trend towards the integration of modern technologies such as mechanical actuation, distributed computing, and computer graphics to enhance the advanced features of training simulators.

Key Market Drivers

1. Increasing Air Travel Demand: The primary and overarching driver of the Civil Aerospace Simulation and Training market is the continuously growing demand for air travel. The aviation sector has witnessed sustained growth due to globalization,

+44 20 8123 2220
info@marketpublishers.com

urbanization, rising income levels, and increased accessibility. This surge in air travel has led to a larger fleet of commercial aircraft, necessitating a significant need for well-trained pilots proficient in operating these complex machines. Airlines are expanding their operations to accommodate the growing number of passengers, opening new routes, and acquiring new aircraft. Consequently, there is a heightened demand for skilled pilots capable of safely and efficiently operating modern aircraft. The Civil Aerospace Simulation and Training market play a pivotal role in meeting this demand by offering realistic training environments that allow aspiring pilots to acquire the essential skills and experience required for effective modern aircraft operation.

2. Pilot Shortage and Workforce Development: The aviation industry is grappling with a significant pilot shortage, primarily driven by factors such as pilot retirements, increased air travel demand, and stricter regulatory requirements. The retiring pilot population is leaving vacancies that must be filled by a new generation of pilots. Simultaneously, the steady growth of the aviation industry necessitates an influx of qualified pilots to maintain operations. This driver underscores the critical role that the Civil Aerospace Simulation and Training market plays in developing a skilled and capable pilot workforce. Flight training schools, aviation academies, and training centers leverage advanced simulators to efficiently train and prepare new pilots for the demands of modern aviation. Simulation-based training helps address the pilot shortage by accelerating the training process while maintaining high competency standards.

3. Technological Advancements in Simulation Technology: Rapid advancements in simulation technology have significantly influenced the growth of the Civil Aerospace Simulation and Training market. Modern simulators offer levels of fidelity and realism that closely mimic real-world aircraft operations. These simulators incorporate advanced avionics, flight dynamics modeling, and environmental factors, enabling pilots to practice maneuvers, procedures, and emergency scenarios in a controlled and safe environment. Simulator manufacturers continuously invest in research and development to enhance the accuracy and capabilities of their products. High-fidelity flight simulators provide pilots with immersive experiences closely resembling actual flight conditions, helping them build muscle memory and sharpen decision-making skills. As technology continues to advance, simulation-based training becomes even more integral to preparing pilots for diverse and challenging scenarios encountered during their careers.

4. Cost Efficiency and Training Effectiveness: The cost-efficiency and training effectiveness offered by simulation-based training serve as significant drivers in the Civil Aerospace Simulation and Training market. Traditional training methods involving actual flight time are expensive and resource-intensive. Simulators offer a cost-effective

+44 20 8123 2220
info@marketpublishers.com

alternative that allows pilots to practice a wide range of scenarios without the associated operational costs of flying actual aircraft. Simulation-based training not only reduces costs but also enhances training effectiveness. Pilots can repeatedly practice maneuvers, emergency procedures, and other critical tasks in a controlled setting, thereby improving their skills and confidence. Furthermore, simulators enable pilots to experience and learn from rare or potentially dangerous situations without jeopardizing safety. This approach to training enhances overall competency and minimizes risks associated with in-flight training.

5. Regulatory Compliance and Safety Requirements: Regulatory compliance and safety requirements established by aviation authorities such as the Federal Aviation Administration (FAA) and the European Union Aviation Safety Agency (EASA) are crucial drivers of the Civil Aerospace Simulation and Training market. These authorities mandate that pilots undergo rigorous training to ensure they possess the necessary skills to operate aircraft safely and effectively. Simulators play a vital role in meeting these regulatory requirements by providing a controlled environment for pilots to practice and demonstrate their skills. Flight training organizations must adhere to these standards to ensure that their pilots are adequately trained and proficient. As regulations evolve and become more stringent, the demand for advanced simulators capable of replicating complex scenarios and complying with safety guidelines continues to rise.

6. Evolving Aircraft Technology and Complexity: The continuous evolution of aircraft technology and complexity creates a demand for sophisticated training solutions that can keep pace with these advancements. Modern aircraft are equipped with advanced avionics, fly-by-wire systems, and complex automated systems that require pilots to have in-depth knowledge and proficiency. To adequately prepare pilots for operating these complex aircraft, training solutions must replicate the intricacies of these systems accurately. The Civil Aerospace Simulation and Training market responds by developing simulators that accurately simulate advanced avionics and systems, allowing pilots to practice tasks such as system management, emergency procedures, and handling abnormal situations. This driver underscores the market's role in bridging the gap between technological innovation and pilot training.

7. Focus on Human Factors and Crew Resource Management: Human factors and effective crew resource management (CRM) are critical aspects of aviation safety. The Civil Aerospace Simulation and Training market recognizes the significance of addressing these factors in pilot training. Modern simulators incorporate scenarios that emphasize CRM, communication skills, and effective decision-making in high-stress

+44 20 8123 2220
info@marketpublishers.com

situations. Pilots not only practice flying maneuvers but also learn to work as a cohesive team, communicate clearly, and manage challenging situations collaboratively. This trend is driven by the aviation industry's recognition of the vital role human factors play in preventing accidents and incidents. Simulation-based training allows pilots to develop non-technical skills that contribute to safe and efficient flight operations.

Key Market Challenges

1. Technological Advancements and Complexity: The rapid pace of technological advancements within the aviation industry poses a significant challenge to the Civil Aerospace Simulation and Training market. Aircraft and avionics systems are becoming increasingly sophisticated, incorporating advanced features such as fly-by-wire controls, glass cockpits, and integrated avionics suites. As a result, simulation and training systems must accurately replicate these complex technologies to provide effective training experiences. Developing simulations that authentically mimic the intricate functionalities of modern aircraft requires continuous research, development, and updates. Manufacturers must stay abreast of evolving aircraft systems to ensure their training solutions remain relevant and effective. The challenge lies in striking a balance between staying current with technology trends and maintaining a user-friendly interface that facilitates effective pilot training.

2. Cost-Effectiveness and Budget Constraints: Cost-effectiveness is a pervasive challenge in the Civil Aerospace Simulation and Training market. Developing and maintaining high-fidelity simulation systems demands substantial financial investments, encompassing research and development, software engineering, hardware procurement, and ongoing updates. Airlines, training centers, and regulatory bodies often operate within constrained budgets, making it essential for simulation solution providers to offer products that strike a balance between quality and affordability. Simulator pricing is influenced by factors such as the level of fidelity, the number of aircraft systems replicated, and the training scenarios covered. Balancing the cost of simulation systems with the training benefits they provide is a constant challenge.

Manufacturers must find innovative ways to optimize costs without compromising the quality of training experiences, meeting the industry's demand for cost-effective yet comprehensive training solutions.

3. Regulatory Compliance and Certification: The Civil Aerospace Simulation and Training market operates within a highly regulated environment that requires strict adherence to aviation safety standards. Simulators used for flight training, especially

+44 20 8123 2220
info@marketpublishers.com

those used for type rating and recurrent training, must meet certification requirements set by aviation authorities such as the Federal Aviation Administration (FAA) and the European Union Aviation Safety Agency (EASA). Obtaining and maintaining simulator certifications is a complex and resource-intensive process. Manufacturers must ensure that their simulators replicate aircraft systems accurately, provide realistic training scenarios, and meet performance standards. Regular updates to regulations and evolving training requirements pose an ongoing challenge, necessitating continuous investment in research, development, and testing to ensure compliance with the latest standards.

4. Fidelity and Realism: The effectiveness of simulation and training systems hinges on their ability to provide a realistic and immersive training experience. High fidelity is crucial to replicate the look, feel, and behavior of actual aircraft and avionics systems accurately. Achieving this level of realism requires comprehensive data integration, accurate flight dynamics modeling, and the incorporation of real-world factors such as weather, aerodynamics, and system responses. Balancing realism with usability is a challenge. Simulators with extremely high fidelity might demand advanced user skills, making them less accessible for novice pilots. On the other hand, overly simplified systems may not adequately prepare pilots for real-world scenarios. Striking the right balance between fidelity and user-friendliness is essential to ensure that pilots receive effective and comprehensive training.

5. Training Scalability and Accessibility: The challenge of training scalability and accessibility is pronounced in the Civil Aerospace Simulation and Training market, especially as air traffic continues to grow. Airlines and training centers require training solutions that can accommodate an increasing number of pilots while maintaining training quality. Scalability involves the ability to efficiently replicate training environments for multiple pilots simultaneously, without compromising the quality of training experiences. It encompasses factors like simulator availability, scheduling, and the capacity to offer consistent training to a growing number of pilots. Accessibility is another facet of this challenge. As aviation expands to new regions, the availability of high-quality training centers and simulators becomes critical. Ensuring equitable access to effective training solutions for pilots across different geographic areas is a challenge that requires investment in infrastructure, technology, and logistics.

6. Keeping Pace with Fleet Expansion: As airlines expand their fleets to meet growing passenger demand, the Civil Aerospace Simulation and Training market faces the challenge of keeping pace with this expansion. New aircraft types, models, and configurations necessitate the development of corresponding simulation and training

+44 20 8123 2220
info@marketpublishers.com

solutions. Developing simulators for new aircraft models involves extensive research, data collection, and system integration to accurately replicate the aircraft's behavior. This process requires close collaboration between aircraft manufacturers and simulator providers to ensure that training solutions are ready when new aircraft enter service. Simulator manufacturers must invest in research and development to anticipate industry trends and stay prepared for the introduction of new aircraft. Failure to keep pace with fleet expansion can result in a shortage of training solutions, potentially impacting pilot training schedules and aircraft operations.

Key Market Trends

1. Adoption of Virtual Reality (VR) and Augmented Reality (AR) Technologies: Virtual Reality (VR) and Augmented Reality (AR) technologies are revolutionizing the Civil Aerospace Simulation and Training market by offering immersive and interactive training experiences. VR creates a simulated environment that replicates real-world flying scenarios, allowing pilots to practice maneuvers, cockpit procedures, and emergency situations in a safe and controlled setting. AR overlays digital information onto the real-world environment, enhancing training by providing real-time data and guidance within the pilot's field of view. These technologies provide a dynamic shift in training by enhancing engagement and realism. Pilots can practice cockpit operations, navigation, and communication procedures with a high level of accuracy. VR and AR are also valuable tools for recurrent training, enabling pilots to refresh their skills and adapt to changing aviation environments. As technology matures, the adoption of VR and AR in training is set to rise, transforming the way pilots acquire and maintain their skills.

2. Emphasis on Data-Driven Training: The aviation industry is increasingly embracing data-driven approaches, and this trend is extending to the Civil Aerospace Simulation and Training market. Training programs are utilizing data analytics and performance metrics to tailor training experiences to individual pilot needs. Flight data recorders, also known as black boxes, are being used to capture real flight data, which is then analyzed to identify training gaps, areas for improvement, and recurrent training requirements. By analyzing flight data, training programs can offer personalized training modules that address specific weaknesses or challenges faced by pilots. This approach not only improves training efficiency but also enhances pilot proficiency and safety. The integration of data-driven insights into training curricula is set to become a prominent trend, ensuring that training programs evolve to match the demands of modern aviation.

3. Hybrid Training Solutions: The trend of hybrid training solutions blends traditional

+44 20 8123 2220
info@marketpublishers.com

simulator-based training with emerging technologies such as virtual reality (VR) and cloud-based training platforms. This approach offers a comprehensive training experience that combines the benefits of high-fidelity simulators with the accessibility and flexibility of digital platforms. Hybrid training solutions allow pilots to transition seamlessly between physical simulators and virtual environments, providing consistent training across different scenarios. For example, pilots can practice complex procedures on a high-fidelity simulator and then reinforce their learning through VR scenarios or online modules. This trend caters to the industry's need for adaptable and flexible training methods that optimize both cost and effectiveness.

4. Integration of Artificial Intelligence (AI): Artificial Intelligence (AI) is making its mark in the Civil Aerospace Simulation and Training market by enhancing training processes and providing intelligent feedback to pilots. AI algorithms can analyze pilot performance data and provide instant feedback on areas that require improvement. This real-time guidance aids in refining pilot skills and decision-making, resulting in more efficient and effective training outcomes. Moreover, AI-powered simulations can create dynamic and adaptive training scenarios that respond to pilot actions and decisions. This fosters a more realistic and challenging training environment, helping pilots develop their situational awareness and problem-solving skills. As AI continues to advance, its integration into simulation and training programs will elevate training quality and pilot proficiency.

5. Remote and Distributed Training: Advancements in connectivity and communication technologies are enabling remote and distributed training solutions within the Civil Aerospace Simulation and Training market. Pilots can access training modules and simulations from remote locations, allowing them to train without being physically present at a training center. This trend is especially relevant in situations where travel restrictions, operational constraints, or geographical distances limit access to traditional training facilities. Remote training solutions provide flexibility and convenience for pilots, allowing them to maintain their skills and undergo recurrent training without major disruptions to their schedules. Online training platforms and cloud-based simulations offer the possibility of remote training, making aviation training more accessible and accommodating to a wider range of pilots.

6. Continued Focus on Safety and Emergency Procedures: Safety remains a top priority in aviation, driving the continued emphasis on safety and emergency procedures training within the Civil Aerospace Simulation and Training market. Simulators are used to replicate various emergency scenarios, enabling pilots to practice critical decision-making and response protocols. These scenarios range from engine failures and

+44 20 8123 2220
info@marketpublishers.com

system malfunctions to adverse weather conditions and emergency landings. As aviation technology evolves, training programs must adapt to incorporate new safety protocols and emergency procedures. Simulators play a pivotal role in allowing pilots to rehearse these procedures in a controlled environment, enhancing their ability to manage high-stress situations. This trend ensures that pilots are well-prepared to handle unexpected challenges, contributing to overall flight safety.

Segmental Insights

Simulator Type Analysis: The market is currently dominated by the full flight simulator (FFS) category, which is projected to continue in the future. Full flight simulators are often equipped with motion actuators that simulate flight movement, providing a highly realistic training experience for students in the aerospace and aviation sectors. The demand for full flight simulators is increasing due to the shortage of skilled and experienced pilots, prompting airlines and businesses to develop pilot training programs. For example, CAE Inc. announced a 15-year deal with Qantas Group in August 2022 to build and operate a new pilot training center in Sydney.

Regional Insights: The Asia-Pacific region is witnessing rising passenger volumes, leading airlines and aircraft operators in the region to purchase new aircraft. Major regional carriers such as China Eastern, China Southern Airlines, Air China, Indigo, Korean Air, and All Nippon Airways have large aircraft orders scheduled for delivery during the forecast period. Boeing estimates that the Asia-Pacific region will require over 244,000 additional pilots over the next two decades, with China alone needing 126,000 pilots. As a result, significant advancements in Civil Aviation Flight Training and Simulation are occurring in China. Boeing, for instance, moved its B737 Max flight simulator to its Shanghai training center in April 2023 to enhance pilot training for the aircraft in China. Additionally, Boeing established the B737 Max Flight Training Device at its training center at Shanghai Pudong International Airport to support Chinese airline operations. To improve pilot training capacity in India, the Airports Authority of India (AAI) awarded ALSIM a contract in February 2021 to provide three Flight Simulator Training Device (FSTD) simulators of EASA Flight Navigation and Procedure Trainer (FNPT) Multi Crew Coordination (MCC) level II.

Key Market Players

L3Harris Technologies Inc.

CAE Inc.

+44 20 8123 2220
info@marketpublishers.com

The Boeing Company

FlightSafety International Inc.

Raytheon Technologies Corporation

Indra Sistemas SA

ALSIM EMEA

ELITE Simulation Solutions AG

Multi Pilot Simulations BV

Lockheed Martin Corporation

Report Scope:

In this report, the Global Civil Aerospace Training and Simulation Market has been segmented into the following categories, in addition to the industry trends which have also been detailed below:

Civil Aerospace Training and Simulation Market, By Simulator Type:

Full Flight Simulator (FFS)

Flight Training Devices (FTD)

Other Training Devices

Civil Aerospace Training and Simulation Market, By Application Type:

Commercial Aviation

Space

Civil Aerospace Training and Simulation Market, By Region:

+44 20 8123 2220
info@marketpublishers.com

North America

- United States
- Canada
- Mexico

Europe & CIS

- Germany
- Spain
- France
- Russia
- Italy
- United Kingdom
- Belgium

Asia-Pacific

- China
- India
- Japan
- Indonesia
- Thailand
- Australia
- South Korea

+44 20 8123 2220
info@marketpublishers.com

South America

Brazil

Argentina

Colombia

Middle East & Africa

Turkey

Iran

Saudi Arabia

UAE

Competitive Landscape

Company Profiles: Detailed analysis of the major companies present in the Global Civil Aerospace Training and Simulation Market.

Available Customizations:

Global Civil Aerospace Training and Simulation Market report with the given market data, Tech Sci Research offers customizations according to a company's specific needs. The following customization options are available for the report:

Company Information

Detailed analysis and profiling of additional market players (up to five).

+44 20 8123 2220
info@marketpublishers.com

Contents

1. INTRODUCTION

1.1. Product Overview
1.2. Key Highlights of the Report
1.3. Market Coverage
1.4. Market Segments Covered
1.5. Research Tenure Considered

2. RESEARCH METHODOLOGY

2.1. Objective of the Study
2.2. Baseline Methodology
2.3. Key Industry Partners
2.4. Major Association and Secondary Sources
2.5. Forecasting Methodology
2.6. Data Triangulation & Validation
2.7. Assumptions and Limitations

3. EXECUTIVE SUMMARY

3.1. Market Overview
3.2. Market Forecast
3.3. Key Regions
3.4. Key Segments

4. IMPACT OF COVID-19 ON GLOBAL CIVIL AEROSPACE TRAINING AND SIMULATION MARKET

5. GLOBAL CIVIL AEROSPACE TRAINING AND SIMULATION MARKET OUTLOOK

5.1. Market Size & Forecast
  5.1.1. By Value
5.2. Market Share & Forecast
  5.2.1. By Simulator Type Market Share Analysis (Full Flight Simulator (FFS), Flight Training Devices (FTD), and Other Training Devices)
  5.2.2. By Application Type Market Share Analysis (Commercial Aviation and Space),

+44 20 8123 2220
info@marketpublishers.com

5.2.3. By Regional Market Share Analysis
5.2.3.1. Asia-Pacific Market Share Analysis
5.2.3.2. Europe & CIS Market Share Analysis
5.2.3.3. North America Market Share Analysis
5.2.3.4. South America Market Share Analysis
5.2.3.5. Middle East & Africa Market Share Analysis
5.2.4. By Company Market Share Analysis (Top 5 Companies, Others - By Value, 2022)
5.3. Global Civil Aerospace Training and Simulation Market Mapping & Opportunity Assessment
5.3.1. By Simulator Type Market Mapping & Opportunity Assessment
5.3.2. By Application Type Market Mapping & Opportunity Assessment
5.3.3. By Regional Market Mapping & Opportunity Assessment

6. ASIA-PACIFIC CIVIL AEROSPACE TRAINING AND SIMULATION MARKET OUTLOOK

6.1. Market Size & Forecast
6.1.1. By Value
6.2. Market Share & Forecast
6.2.1. By Simulator Type Market Share Analysis
6.2.2. By Component Type Market Share Analysis
6.2.3. By Application Type Market Share Analysis
6.2.4. By Country Market Share Analysis
6.2.4.1. China Market Share Analysis
6.2.4.2. India Market Share Analysis
6.2.4.3. Japan Market Share Analysis
6.2.4.4. Indonesia Market Share Analysis
6.2.4.5. Thailand Market Share Analysis
6.2.4.6. South Korea Market Share Analysis
6.2.4.7. Australia Market Share Analysis
6.2.4.8. Rest of Asia-Pacific Market Share Analysis
6.3. Asia-Pacific: Country Analysis
6.3.1. China Civil Aerospace Training and Simulation Market Outlook
6.3.1.1. Market Size & Forecast
6.3.1.1.1. By Value
6.3.1.2. Market Share & Forecast
6.3.1.2.1. By Simulator Type Market Share Analysis
6.3.1.2.2. By Application Type Market Share Analysis

+44 20 8123 2220
info@marketpublishers.com

6.3.2. India Civil Aerospace Training and Simulation Market Outlook
6.3.2.1. Market Size & Forecast
6.3.2.1.1. By Value
6.3.2.2. Market Share & Forecast
6.3.2.2.1. By Simulator Type Market Share Analysis
6.3.2.2.2. By Application Type Market Share Analysis
6.3.3. Japan Civil Aerospace Training and Simulation Market Outlook
6.3.3.1. Market Size & Forecast
6.3.3.1.1. By Value
6.3.3.2. Market Share & Forecast
6.3.3.2.1. By Simulator Type Market Share Analysis
6.3.3.2.2. By Application Type Market Share Analysis
6.3.4. Indonesia Civil Aerospace Training and Simulation Market Outlook
6.3.4.1. Market Size & Forecast
6.3.4.1.1. By Value
6.3.4.2. Market Share & Forecast
6.3.4.2.1. By Simulator Type Market Share Analysis
6.3.4.2.2. By Application Type Market Share Analysis
6.3.5. Thailand Civil Aerospace Training and Simulation Market Outlook
6.3.5.1. Market Size & Forecast
6.3.5.1.1. By Value
6.3.5.2. Market Share & Forecast
6.3.5.2.1. By Simulator Type Market Share Analysis
6.3.5.2.2. By Application Type Market Share Analysis
6.3.6. South Korea Civil Aerospace Training and Simulation Market Outlook
6.3.6.1. Market Size & Forecast
6.3.6.1.1. By Value
6.3.6.2. Market Share & Forecast
6.3.6.2.1. By Simulator Type Market Share Analysis
6.3.6.2.2. By Application Type Market Share Analysis
6.3.7. Australia Civil Aerospace Training and Simulation Market Outlook
6.3.7.1. Market Size & Forecast
6.3.7.1.1. By Value
6.3.7.2. Market Share & Forecast
6.3.7.2.1. By Simulator Type Market Share Analysis
6.3.7.2.2. By Application Type Market Share Analysis

7. EUROPE & CIS CIVIL AEROSPACE TRAINING AND SIMULATION MARKET OUTLOOK

+44 20 8123 2220
info@marketpublishers.com

7.1. Market Size & Forecast
7.1.1. By Value
7.2. Market Share & Forecast
7.2.1. By Simulator Type Market Share Analysis
7.2.2. By Application Type Market Share Analysis
7.2.3. By Country Market Share Analysis
7.2.3.1. Germany Market Share Analysis
7.2.3.2. Spain Market Share Analysis
7.2.3.3. France Market Share Analysis
7.2.3.4. Russia Market Share Analysis
7.2.3.5. Italy Market Share Analysis
7.2.3.6. United Kingdom Market Share Analysis
7.2.3.7. Belgium Market Share Analysis
7.2.3.8. Rest of Europe & CIS Market Share Analysis
7.3. Europe & CIS: Country Analysis
7.3.1. Germany Civil Aerospace Training and Simulation Market Outlook
7.3.1.1. Market Size & Forecast
7.3.1.1.1. By Value
7.3.1.2. Market Share & Forecast
7.3.1.2.1. By Simulator Type Market Share Analysis
7.3.1.2.2. By Application Type Market Share Analysis
7.3.2. Spain Civil Aerospace Training and Simulation Market Outlook
7.3.2.1. Market Size & Forecast
7.3.2.1.1. By Value
7.3.2.2. Market Share & Forecast
7.3.2.2.1. By Simulator Type Market Share Analysis
7.3.2.2.2. By Application Type Market Share Analysis
7.3.3. France Civil Aerospace Training and Simulation Market Outlook
7.3.3.1. Market Size & Forecast
7.3.3.1.1. By Value
7.3.3.2. Market Share & Forecast
7.3.3.2.1. By Simulator Type Market Share Analysis
7.3.3.2.2. By Application Type Market Share Analysis
7.3.4. Russia Civil Aerospace Training and Simulation Market Outlook
7.3.4.1. Market Size & Forecast
7.3.4.1.1. By Value
7.3.4.2. Market Share & Forecast
7.3.4.2.1. By Simulator Type Market Share Analysis

+44 20 8123 2220
info@marketpublishers.com

7.3.4.2.2. By Application Type Market Share Analysis
7.3.5. Italy Civil Aerospace Training and Simulation Market Outlook
7.3.5.1. Market Size & Forecast
7.3.5.1.1. By Value
7.3.5.2. Market Share & Forecast
7.3.5.2.1. By Simulator Type Market Share Analysis
7.3.5.2.2. By Application Type Market Share Analysis
7.3.6. United Kingdom Civil Aerospace Training and Simulation Market Outlook
7.3.6.1. Market Size & Forecast
7.3.6.1.1. By Value
7.3.6.2. Market Share & Forecast
7.3.6.2.1. By Simulator Type Market Share Analysis
7.3.6.2.2. By Application Type Market Share Analysis
7.3.7. Belgium Civil Aerospace Training and Simulation Market Outlook
7.3.7.1. Market Size & Forecast
7.3.7.1.1. By Value
7.3.7.2. Market Share & Forecast
7.3.7.2.1. By Simulator Type Market Share Analysis
7.3.7.2.2. By Application Type Market Share Analysis

8. NORTH AMERICA CIVIL AEROSPACE TRAINING AND SIMULATION MARKET OUTLOOK

8.1. Market Size & Forecast
8.1.1. By Value
8.2. Market Share & Forecast
8.2.1. By Simulator Type Market Share Analysis
8.2.2. By Application Type Market Share Analysis
8.2.3. By Country Market Share Analysis
8.2.3.1. United States Market Share Analysis
8.2.3.2. Mexico Market Share Analysis
8.2.3.3. Canada Market Share Analysis
8.3. North America: Country Analysis
8.3.1. United States Civil Aerospace Training and Simulation Market Outlook
8.3.1.1. Market Size & Forecast
8.3.1.1.1. By Value
8.3.1.2. Market Share & Forecast
8.3.1.2.1. By Simulator Type Market Share Analysis
8.3.1.2.2. By Application Type Market Share Analysis

+44 20 8123 2220
info@marketpublishers.com

8.3.2. Mexico Civil Aerospace Training and Simulation Market Outlook
8.3.2.1. Market Size & Forecast
8.3.2.1.1. By Value
8.3.2.2. Market Share & Forecast
8.3.2.2.1. By Simulator Type Market Share Analysis
8.3.2.2.2. By Application Type Market Share Analysis
8.3.3. Canada Civil Aerospace Training and Simulation Market Outlook
8.3.3.1. Market Size & Forecast
8.3.3.1.1. By Value
8.3.3.2. Market Share & Forecast
8.3.3.2.1. By Simulator Type Market Share Analysis
8.3.3.2.2. By Application Type Market Share Analysis

9. SOUTH AMERICA CIVIL AEROSPACE TRAINING AND SIMULATION MARKET OUTLOOK

9.1. Market Size & Forecast
9.1.1. By Value
9.2. Market Share & Forecast
9.2.1. By Simulator Type Market Share Analysis
9.2.2. By Application Type Market Share Analysis
9.2.3. By Country Market Share Analysis
9.2.3.1. Brazil Market Share Analysis
9.2.3.2. Argentina Market Share Analysis
9.2.3.3. Colombia Market Share Analysis
9.2.3.4. Rest of South America Market Share Analysis
9.3. South America: Country Analysis
9.3.1. Brazil Civil Aerospace Training and Simulation Market Outlook
9.3.1.1. Market Size & Forecast
9.3.1.1.1. By Value
9.3.1.2. Market Share & Forecast
9.3.1.2.1. By Simulator Type Market Share Analysis
9.3.1.2.2. By Application Type Market Share Analysis
9.3.2. Colombia Civil Aerospace Training and Simulation Market Outlook
9.3.2.1. Market Size & Forecast
9.3.2.1.1. By Value
9.3.2.2. Market Share & Forecast
9.3.2.2.1. By Simulator Type Market Share Analysis
9.3.2.2.2. By Application Type Market Share Analysis

+44 20 8123 2220
info@marketpublishers.com

9.3.3. Argentina Civil Aerospace Training and Simulation Market Outlook
9.3.3.1. Market Size & Forecast
9.3.3.1.1. By Value
9.3.3.2. Market Share & Forecast
9.3.3.2.1. By Simulator Type Market Share Analysis
9.3.3.2.2. By Application Type Market Share Analysis

10. MIDDLE EAST & AFRICA CIVIL AEROSPACE TRAINING AND SIMULATION MARKET OUTLOOK

10.1. Market Size & Forecast
10.1.1. By Value
10.2. Market Share & Forecast
10.2.1. By Simulator Type Market Share Analysis
10.2.2. By Application Type Market Share Analysis
10.2.3. By Country Market Share Analysis
10.2.3.1. Turkey Market Share Analysis
10.2.3.2. Iran Market Share Analysis
10.2.3.3. Saudi Arabia Market Share Analysis
10.2.3.4. UAE Market Share Analysis
10.2.3.5. Rest of Middle East & Africa Market Share Analysis
10.3. Middle East & Africa: Country Analysis
10.3.1. Turkey Civil Aerospace Training and Simulation Market Outlook
10.3.1.1. Market Size & Forecast
10.3.1.1.1. By Value
10.3.1.2. Market Share & Forecast
10.3.1.2.1. By Simulator Type Market Share Analysis
10.3.1.2.2. By Application Type Market Share Analysis
10.3.2. Iran Civil Aerospace Training and Simulation Market Outlook
10.3.2.1. Market Size & Forecast
10.3.2.1.1. By Value
10.3.2.2. Market Share & Forecast
10.3.2.2.1. By Simulator Type Market Share Analysis
10.3.2.2.2. By Application Type Market Share Analysis
10.3.3. Saudi Arabia Civil Aerospace Training and Simulation Market Outlook
10.3.3.1. Market Size & Forecast
10.3.3.1.1. By Value
10.3.3.2. Market Share & Forecast
10.3.3.2.1. By Simulator Type Market Share Analysis

+44 20 8123 2220
info@marketpublishers.com

10.3.3.2.2. By Application Type Market Share Analysis
10.3.4. UAE Civil Aerospace Training and Simulation Market Outlook
10.3.4.1. Market Size & Forecast
10.3.4.1.1. By Value
10.3.4.2. Market Share & Forecast
10.3.4.2.1. By Simulator Type Market Share Analysis
10.3.4.2.2. By Application Type Market Share Analysis

11. SWOT ANALYSIS

11.1. Strength
11.2. Weakness
11.3. Opportunities
11.4. Threats

12. MARKET DYNAMICS

12.1. Market Drivers
12.2. Market Challenges

13. MARKET TRENDS AND DEVELOPMENTS

14. COMPETITIVE LANDSCAPE

14.1. Company Profiles (Up to 10 Major Companies)
14.1.1. L3Harris Technologies Inc.
14.1.1.1. Company Details
14.1.1.2. Key Service Offered
14.1.1.3. Financials (As Per Availability)
14.1.1.4. Recent Developments
14.1.1.5. Key Management Personnel
14.1.2. CAE Inc.
14.1.2.1. Company Details
14.1.2.2. Key Service Offered
14.1.2.3. Financials (As Per Availability)
14.1.2.4. Recent Developments
14.1.2.5. Key Management Personnel
14.1.3. The Boeing Company

+44 20 8123 2220
info@marketpublishers.com

14.1.3.1. Company Details
14.1.3.2. Key Service Offered
14.1.3.3. Financials (As Per Availability)
14.1.3.4. Recent Developments
14.1.3.5. Key Management Personnel
14.1.4. FlightSafety International Inc.
14.1.4.1. Company Details
14.1.4.2. Key Service Offered
14.1.4.3. Financials (As Per Availability)
14.1.4.4. Recent Developments
14.1.4.5. Key Management Personnel
14.1.5. Raytheon Technologies Corporation
14.1.5.1. Company Details
14.1.5.2. Key Service Offered
14.1.5.3. Financials (As Per Availability)
14.1.5.4. Recent Developments
14.1.5.5. Key Management Personnel
14.1.6. Indra Sistemas SA
14.1.6.1. Company Details
14.1.6.2. Key Service Offered
14.1.6.3. Financials (As Per Availability)
14.1.6.4. Recent Developments
14.1.6.5. Key Management Personnel
14.1.7. ALSIM EMEA
14.1.7.1. Company Details
14.1.7.2. Key Service Offered
14.1.7.3. Financials (As Per Availability)
14.1.7.4. Recent Developments
14.1.7.5. Key Management Personnel
14.1.8. ELITE Simulation Solutions AG
14.1.8.1. Company Details
14.1.8.2. Key Service Offered
14.1.8.3. Financials (As Per Availability)
14.1.8.4. Recent Developments
14.1.8.5. Key Management Personnel
14.1.9. Multi Pilot Simulations BV
14.1.9.1. Company Details
14.1.9.2. Key Service Offered
14.1.9.3. Financials (As Per Availability)

+44 20 8123 2220
info@marketpublishers.com

14.1.9.4. Recent Developments
14.1.9.5. Key Management Personnel
14.1.10. Lockheed Martin Corporation.
14.1.10.1. Company Details
14.1.10.2. Key Service Offered
14.1.10.3. Financials (As Per Availability)
14.1.10.4. Recent Developments
14.1.10.5. Key Management Personnel

15. STRATEGIC RECOMMENDATIONS

15.1. Key Focus Areas
15.1.1. Target Regions
15.1.2. Target Simulator Type
15.1.3. Target Application Type

16. ABOUT US & DISCLAIMER

+44 20 8123 2220
info@marketpublishers.com

I would like to order

Product name: Global Civil Aerospace Training and Simulation Market Segmented By Simulator Type (Full Flight Simulator (FFS), Flight Training Devices (FTD), and Other Training Devices), By Application (Commercial Aviation and Space), By Regional, By Competition Forecast & Opportunities, 2018-2028F

Product link: https://marketpublishers.com/r/G74C13CCA459EN.html

Price: US$ 4,900.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:
info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page https://marketpublishers.com/r/G74C13CCA459EN.html

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

**All fields are required

Custumer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at https://marketpublishers.com/docs/terms.html

+44 20 8123 2220
info@marketpublishers.com

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970