

Global Civil Aviation and Military Training and Simulation Market (2018-2022 Edition)

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Abstracts

Scope of the Report

The report titled “Global Civil Aviation and Military Training and Simulation Market (2018-2022 Edition)” analyzes the potential opportunities and significant trends in the global civil aviation and military training & simulation markets.

The report provides detailed analysis of the market size and segments of the civil aviation and military training and simulation market with regional focus on markets in North America, Europe, Asia Pacific and Latin America, and Africa.

It assesses the market share of civil aviation and military training and simulation industry based on certain parameters such as simulator manufacturer, region, operator, aircraft type, etc. The report profiles leading companies operating in the segment such as CAE, L3 Technologies Inc., Rockwell Collins and Thales Group.

Region/Country Coverage

Asia-Pacific

South Korea

Europe

North America

The US

Latin America

Africa

Company Coverage

CAE Inc.

L3 Technologies Inc.

Rockwell Collins, Inc.

Thales Group

Executive Summary

Aircraft simulators imitate the experience of flying a real aircraft. Over the years, aircraft simulators have continued to be recognized as vital element for flight training for individual general aviation pilots, jet fighter military pilots and airline flight crew. Flight simulation has brought about radical changes in flight training methods, reducing the training risk and improving training quality. It has also led to significant improvements in flight safety, alleviating airborne congestion and the impact of aviation on the environment, while reducing the cost of training. It has evolved over the years to become an integral component of civil operations and military capability. With increasing complexity of both civil and military aircraft due to advances in avionics, expanding flight-crew training requirements which in turn have increased reliance on flight simulators.

Flight simulators are mainly of five types- System trainers, Flight Training Devices (FTD), Cockpit Procedure Trainers (CPT), full flight simulators (FFS) and Part Task Trainers (PTT). However, it can be broadly categorized into two types- full flight simulators (FFS) and flight simulation training devices (FSTD).

Some of the factors such as growing active fleet of commercial and business aircraft, regulation and new licensing techniques, rising demand for trained aviation professionals etc. support growth of the industry globally. Major market constraints are stringent training and certificate regulations, lack of simulator for complex systems and

presence of several private players in the market. Outsourcing training and maintenance services and technological advancements are some of the trends that would compel the growth of the market in coming years.

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