Electronic Flight Instrument System (EFIS) Market by Application, Subsystem, Fit, Platform and Region - Global Forecast to 2021

Description: “Electronic Flight Instrument System (EFIS) Market by Application (Flight, Engine Monitoring, Navigation), Subsystem (Display, Communication & Navigation, Flight Management), Fit (ADS-B, EVS), Platform (Fixed, Rotary) and Region - Global Forecast to 2021”

“Electronic flight instrument system market projected to grow at a CAGR of 5.60% during the forecast period”

The electronic flight instrument system market is projected to grow from USD 867.9 million in 2016 to USD 1,139.6 million by 2021, at a CAGR of 5.60% during the forecast period. Increasing need for lightweight systems with more functionalities and better accuracy and enhanced safety and situational awareness with the use of electronic flight instrument system (EFIS) are major factors expected to drive the market in the coming years. However, stringent industry regulations pertaining to EFIS and the high cost of technology used in EFIS may act as some of the major restraints for the electronic flight instrument system market.

The manufactured components need approval from various authorities, such as the U.S. Federal Aviation Administration (FAA), before they are installed on board an aircraft. Furthermore, it is difficult to obtain approval for the replacement of conventional systems onboard the aircraft.

“Based on application, the navigation segment is estimated to be the largest segment of the market in 2016”

Based on application, the navigation segment is estimated to be the largest segment of the electronic flight instrument system market, as navigation information is the most basic information needed to fly an aircraft as well as during landing and take-off operations.

“Based on subsystem, the communication & navigation systems segment is estimated to be the largest segment of the market in 2016”

Based on subsystem, the communication & navigation systems segment is estimated to be the largest segment of the electronic flight instrument system market in 2016. This can be attributed to the mandate for communication & navigation systems namely, Enhanced Vision System (EVS) and Automatic Dependent Surveillance-Broadcast (ADS-B) on board an aircraft.

“North America is estimated to be the largest market for electronic flight instrument system in 2016” North America is estimated to lead the electronic flight instrument system in 2016. Countries in this region include the U.S. and Canada.

Significant investments in research and development on advanced electronic flight instrument system by domestic players and increasing demand for lightweight and easy-to-install systems are some of the factors expected to boost the growth of the electronic flight instrument system market in this region. The U.S. is expected to drive the growth of the North America electronic flight instrument system market, owing to the access to innovative technologies and the significant investments made by manufacturers in the country for the development of improved electronic systems.

Break-up of profile of primary participants for this report:

- By Company Type: Tier 1 - 35%, Tier 2 - 45%, 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%

Key players operating in the electronic flight instrument system market are Honeywell International Inc. (U.S.), Rockwell Collins, Inc. (U.S.), Esterline Technologies Corporation (U.S.), Astronics Corporation (U.S.), L-3 Communications Holding Inc. (U.S.), Dynon Avionics (U.S.), Genesys Aerosystems (U.S.), Aspen Avionics (U.S.), Avidyne Corporation (U.S.), and Garmin Ltd. (Switzerland), among others.
Study Coverage

The report analyzes the electronic flight instrument system market based on application (navigation, flight attitude, aircraft engine monitoring), subsystem (communication & navigation systems, display systems, flight management controls & systems, processing systems), fit (retrofit, linefit) and platform (fixed wing, rotary wing). The report also maps these segments and subsegments across major regions, namely, North America, Europe, Asia-pacific, and the rest of the world.

Reasons to buy the report:

From an insight perspective, the electronic flight instrument system market report focuses on various levels of analysis - industry analysis, market share analysis of top players, and company profiles, which together comprise and discuss basic views on competitive landscape, high-growth regions, and countries, and their respective regulatory policies, drivers, restraints, and opportunities.

The electronic flight instrument system market report provides insights on the following pointers:

- Market Penetration: Comprehensive information regarding the competitive landscape in the electronic flight instrument system market
- Product Development/Innovation: Detailed insights on upcoming technologies, research & development activities, and new product launches in the electronic flight instrument system market
- Market Overview: Market dynamics and subsequent analysis of associated trends, drivers, restraints, and opportunities prevailing in the electronic flight instrument system market
- Market Development: Comprehensive information about lucrative markets by analyzing markets for electronic flight instrument system across various regions
- Market Diversification: Exhaustive information about new products, untapped geographies, recent developments, and investments in the electronic flight instrument system market
- Regional Analysis: Factors influencing the market shares of North America, Europe, Asia-Pacific, and rest of the world
- Competitive Assessment: In-depth assessment of strategies, products, and manufacturing capabilities of leading market players

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 Regional Scope
      1.3.3 Years Considered for the Study
   1.4 Currency & Pricing
   1.5 Study 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 Increase in Global Air Traffic
         2.2.2.2 Need for In-Flight Safety
         2.2.2.3 Increased Need for Operational Efficiency
      2.2.3 Supply-Side Indicators
         2.2.3.1 Development of Advanced Efis By Manufacturers
   2.3 Market Size Estimation
2.3.1 Bottom-Up Approach
2.3.2 Top-Down Approach
2.4 Data Triangulation
2.5 Research Assumptions

3 Executive Summary

4 Premium Insights
4.1 Attractive Market Opportunities in the Market
4.2 Electronic Flight Instrument, By Subsystems
4.3 Electronic Flight Instrument Size, By Application
4.4 Electronic Flight Instrument, By Platform
4.5 Market Share and Growth Analysis, By Region

5 Market Overview
5.1 Introduction
5.2 Market Segmentation
  5.2.1 By Application
  5.2.2 By Subsystem
  5.2.3 By Fit
  5.2.4 By Platform
5.3 Market Dynamics
  5.3.1 Drivers
    5.3.1.1 Increasing Need for Lightweight Systems With More Functionalities and Better Accuracy
    5.3.1.2 Enhanced Safety and Situational Awareness With Efis
    5.3.1.3 Automation of Flight Controls
  5.3.2 Restraints
    5.3.2.1 Stringent Industry Regulations Pertaining to Efis Subsystems
    5.3.2.2 High Cost of Technology Used in Efis Subsystems
  5.3.3 Opportunities
    5.3.3.1 Retrofit and Aftermarket
    5.3.3.2 Increasing Demand for New Aircraft
  5.3.4 Challenges
    5.3.4.1 Adequate Pilot Training for the Efficient Use of Efis
    5.3.4.2 Increased Complexity
    5.3.4.3 Display Blackout Due to System Failure

6 Industry Trends
6.1 Introduction
6.2 Advancements in Existing Technologies
  6.2.1 Attitude Heading Reference System (AHRS)
  6.2.2 Traffic Alert and Collision Avoidance System (TCAS)
  6.2.3 Terrain Awareness and Warning Systems (TAWS)
  6.2.4 Automatic Dependent Surveillance - Broadcast (ADS-B)
  6.2.5 Enhanced Vision System (EVS)
  6.2.6 Automatic Flight Control System (AFCS)
6.3 Patent Registrations

7 Electronic Flight Instrument System Market, By Application
7.1 Introduction
7.2 Navigation
7.3 Flight Attitude
7.4 Aircraft Engine Monitoring

8 Electronic Flight Instrument System Market, By Sub-System
  8.1 Introduction
  8.2 Display Systems
  8.3 Communication & Navigation Systems
  8.4 Flight Management Controls & Systems
  8.5 Processing Systems

9 Electronic Flight Instrument System Sub-System Market, By Fit (EVS & ADS-B)
  9.1 Introduction
9.2 Linefit
  9.2.1 Automatic Dependent Surveillance-Broadcast (ADS-B)
  9.2.2 Enhanced Vision System
9.3 Retrofit
  9.3.1 Automatic Dependent Surveillance-Broadcast (ADS-B)
  9.3.2 Enhanced Vision System

10 Electronic Flight Instrument System Market, By Platform
10.1 Introduction
10.2 Fixed Wing
  10.2.1 Narrow Body Aircraft
  10.2.2 Wide Body Aircraft
  10.2.3 Very Large Aircraft
  10.2.4 Regional Transport Aircraft
  10.2.5 Business Jets
  10.2.6 Light Aircraft
10.3 Rotary Wing

11 Integrated Standby Instrument System (ISIS)

12 Regional Analysis
12.1 Introduction
12.2 North America
  12.2.1 By Sub-System
  12.2.2 By Application
  12.2.3 By Platform
  12.2.4 By Country
    12.2.4.1 U.S.
      12.2.4.1.1 By Sub-System
      12.2.4.1.2 By Application
      12.2.4.1.3 By Platform
    12.2.4.2 Canada
      12.2.4.2.1 By Sub-System
      12.2.4.2.2 By Application
      12.2.4.2.3 By Platform
12.3 Europe
  12.3.1 By Sub-System
  12.3.2 By Application
  12.3.3 By Platform
  12.3.4 By Country
    12.3.5 U.K.
      12.3.5.1 By Sub-System
      12.3.5.2 By Application
      12.3.5.3 By Platform
    12.3.6 France
      12.3.6.1 By Sub-System
      12.3.6.2 By Application
      12.3.6.3 By Platform
    12.3.7 Germany
      12.3.7.1 By Sub-System
      12.3.7.2 By Application
      12.3.7.3 By Platform
    12.3.8 Russia
      12.3.8.1 By Sub-System
      12.3.8.2 By Application
      12.3.8.3 By Platform
12.4 Asia-Pacific
  12.4.1 By Sub-System
  12.4.2 By Application
  12.4.3 By Platform
  12.4.4 By Country
    12.4.4.1 China
      12.4.4.1.1 By Sub-System
12.4.4.1.2 By Application
12.4.4.1.3 By Platform

12.4.4.2 Japan
12.4.4.2.1 By Sub-System
12.4.4.2.2 By Application
12.4.4.2.3 By Platform

12.4.4.3 India
12.4.4.3.1 By Sub-Systems
12.4.4.3.2 By Application
12.4.4.3.3 By Platform

12.5 Rest of the World
12.5.1 By Sub-System
12.5.2 By Application
12.5.3 By Platform
12.5.4 By Country
12.5.4.1 UAE
12.5.4.1.1 By Sub-System
12.5.4.1.2 By Application
12.5.4.1.3 By Platform
12.5.4.2 Brazil
12.5.4.2.1 By Sub-System
12.5.4.2.2 By Application
12.5.4.2.3 By Platform
12.5.4.3 South Africa
12.5.4.3.1 By Sub-System
12.5.4.3.2 By Application
12.5.4.3.3 By Platform

13 Competitive Landscape
13.1 Introduction
13.2 Market Ranking Analysis of Electronic Flight Instrument
13.3 Brand Analysis
13.4 Competitive Situation and Trends
13.4.1 Contracts
13.4.1.1 New Product Launches
13.4.1.2 Agreements & Partnerships
13.4.1.3 Acquisitions

14 Company Profiles
(Overview, Products and Services, Financials, Strategy & Development) -
14.1 Introduction
14.2 Financial Highlights
14.3 Honeywell International Inc.
14.4 L-3 Communications Holdings, Inc.
14.5 Rockwell Collins, Inc.
14.6 Esterline Technologies Corporation
14.7 Garmin Ltd.
14.8 Astronautics Corporation of America
14.9 Avidyne Corporation
14.10 Genesys Aerosystems
14.11 Aspen Avionics, Inc.
14.12 Dynon Avionics

- Details on Overview, Products and Services, Financials, Strategy & Development Might Not Be Captured in Case of Unlisted Companies

List of Tables
Table 1 Electronic Flight Instrument : By Application
Table 2 Electronic Flight Instrument : By Subsystem
Table 3 Electronic Flight Instrument : By Fit
Table 4 Electronic Flight Instrument : By Platform
Table 5 Electronic Flight Instrument Size, By Application, 2014-2021 (USD Million)
Table 66 Brazil Electronic Flight Instrument Size, By Sub-System, 2014-2021 (USD Million)
Table 67 Brazil Electronic Flight Instrument System Market Size, By Application, 2014-2021 (USD Million)
Table 68 Brazil Market Size, By Platform, 2014-2021 (USD Million)
Table 69 South Africa Electronic Flight Instrument System Market Size, By Sub-System, 2014-2021 (USD Million)
Table 70 South Africa Electronic Flight Instrument System Market Size, By Application, 2014-2021 (USD Million)
Table 71 South Africa Market Size, By Platform, 2014-2021 (USD Million)
Table 72 Contracts, April, 2013 - November, 2016
Table 73 New Product Launches, April, 2013 - November, 2016
Table 74 Agreements & Partnerships, April, 2013 - November, 2016
Table 75 Acquisitions, April, 2013 - November, 2016.

List of Figures

Figure 1 Electronic Flight Instrument System Market: Markets Covered
Figure 2 Years Considered for the Study
Figure 3 Research Process Flow
Figure 4 Research Design
Figure 5 Breakdown of Primary Interviews: By Company, Designation and Region
Figure 6 Global Air Passenger Growth (%), 2005-2015
Figure 7 Benefits of Electronic Flight Instrument System Market
Figure 8 Market Size Estimation Methodology: Bottom-Up Approach
Figure 9 Market Size Estimation Methodology: Top-Down Approach
Figure 10 Data Triangulation
Figure 11 Assumptions of the Research Study
Figure 12 Electronic Flight Instrument System Market, By Application, 2016 & 2021 (USD Million)
Figure 13 The Communication & Navigation Systems Segment is Estimated to Lead the Market in 2016
Figure 14 Asia-Pacific Projected to Be the Fastest-Growing Market for Electronic Flight Instrument System Market During the Forecast Period
Figure 15 Contracts and New Product Launches Were the Key Growth Strategies Between April 2013 and November 2016
Figure 16 Increasing Demand for Electronic Flight Instrument Systems to Drive the Market Growth During the Forecast Period
Figure 17 The Flight Management Controls & Systems Segment is Projected to Grow at the Highest CAGR During the Forecast Period
Figure 18 Navigation is Projected to Be the Largest Application Segment By 2021
Figure 19 The Fixed Wing Segment is Projected to Grow at the Highest CAGR During the Forecast Period
Figure 20 North America to Dominate the Electronic Flight Instrument in 2016
Figure 21 Electronic Flight Instrument Segmentation
Figure 22 Electronic Flight Instrument System: Drivers, Restraints, Opportunities & Challenges
Figure 23 Patent Registration in Electronic Flight Instrument System (2011-2016)
Figure 24 Navigation Segment Projected to Grow at the Highest CAGR During the Forecast Period
Figure 25 The Flight Management Controls & Systems Segment Projected to Grow at the Highest CAGR During the Forecast Period
Figure 26 Retrofit Segment Projected to Grow at the Highest CAGR During the Forecast Period
Figure 27 Enhanced Vision System (EVS) Projected to Grow at the Highest CAGR During the Forecast Period
Figure 28 Automatic Dependent Surveillance-Broadcast (ADS-B) Projected to Grow at A Higher CAGR During the Forecast Period
Figure 29 Fixed Wing Segment is Projected to Grow at A Higher CAGR During the Forecast Period
Figure 30 Accident Rates of Worldwide Commercial Jet Fleet, By Type of Operation, 2006-2015
Figure 31 Electronic Flight Instrument System Market : Regional Snapshot, 2016-2021
Figure 32 North America Electronic Flight Instrument System Snapshot
Figure 33 Europe Electronic Flight Instrument System Snapshot
Figure 34 Asia-Pacific Electronic Flight Instrument System Snapshot
Figure 35 Rest of the World Electronic Flight Instrument System Snapshot
Figure 36 Companies Adopted Contracts as A Key Growth Strategy From April 2013 to November 2016
Figure 37 Ranking of Key Players in Electronic Flight Instrument System Market in 2015
Figure 38 Brand Analysis: Electronic Flight Instrument System
Figure 39 Regional Presence of Top Five Players in the Electronic Flight Instrument System Market, 2015
Figure 40 Market Evolution Framework, April 2013 to November 2016
Figure 41 Leading Companies in the Market, By Region
Figure 42 Contracts and New Product Launches Were the Key Growth Strategies Adopted By Key Players
Between April 2013 and November 2016
Figure 43 Regional Revenue Mix of Key Market Players, 2015
Figure 44 Financial Highlights of Major Players in the Market
Figure 45 Honeywell International Inc.: Company Snapshot
Figure 46 Honeywell International Inc.: SWOT Analysis
Figure 47 L-3 Communications Holdings, Inc.: Company Snapshot
Figure 48 L-3 Communications Holdings, Inc.: SWOT Analysis
Figure 49 Rockwell Collins, Inc.: Company Snapshot
Figure 50 Rockwell Collins, Inc: SWOT Analysis
Figure 51 Esterline Technologies Corporation: Company Snapshot
Figure 52 Esterline Technologies Corporation: SWOT Analysis
Figure 53 Garmin Ltd.: Company Snapshot
Figure 54 Garmin Ltd.: SWOT Analysis
Figure 55 Astronautics Corporation of America: Company Snapshot

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