+44 20 8123 2220
info@marketpublishers.com

Aircraft Computer - Global Market Outlook (2020-2028)

https://marketpublishers.com/r/A94E3D7C8725EN.html
Date: July 2021
Pages: 150
Price: US$ 4,150.00 (Single User License)
ID: A94E3D7C8725EN

Abstracts

According to Stratistics MRC, the Global Aircraft Computer market is accounted for $7.61 billion in 2020 and is expected to reach $14.18 billion by 2028 growing at a CAGR of 8.1% during the forecast period. Some of the key factors propelling the market growth include the increasing aircraft deliveries across the globe, rising demand for aircraft computers among end-user, including OEMs, increasing use of electronic systems and computers in aircraft, rise in focus on modernization of the existing aircraft fleet, increase in retrofit activities in the general aviation industry, and rising focus on reducing the workload of aircraft pilots. However, existing backlogs in aircraft deliveries is restricting the market growth.

An aircraft computer is an electronic device which is used in aircraft for monitoring and control of several aircraft functions. Various types of aircraft computers are available in the market. These include flight controls, flight management computers, mission computers, engine controls, and utility controls. Use of aircraft computers helps reduce the workload of aircraft pilots. Moreover, it is used every part of the aircraft where it is used to control them in flight as well as to reach their destination. It helps the aircraft to enhance the security of the travellers and diminishing the outstanding burden of the pilot.

By platform, the unmanned aerial vehicle (UAV) segment is projected to grow at the significant rate during the forecast period, owing to rising demand for aircraft computers in unmanned aerial vehicles (UAVs) and the increasing application of UAVs in the commercial and defence sectors. Hence, advanced aircraft computers are required to avoid unmanned aerial traffic and offer enhanced navigation capabilities to pilots.

On the basis of geography, Asia Pacific aircraft computers market will witness significant growth over the forecast timeframe due to the rise in requirement of narrow body aircraft for commercial aviation, high air passenger traffic, leading to an increase in

+44 20 8123 2220
info@marketpublishers.com

the number of aircraft deliveries in this region, and increasing acquisition of defence aircraft by various countries owing to ongoing geopolitical disputes. The introduction of LCC models in commercial aviation has significantly reduced the cost of air travel. Increasing GDP and per capita income of individuals across Asia Pacific are reducing rates of air travel, augmenting the market growth.

Some of the key players in Aircraft Computer Market include Rockwell Collins, Honeywell International Inc., Safran S.A., The Curtiss-Wright Corporation, Cobham plc, Saab AB, United Technologies Corporation, Esterline Technologies Corporation, BAE Systems PLC, Thales Group, Boeing, Bombardier Inc., Kontron S&T AG, GE Aviation, Garmin Ltd., General Dynamics Mission Systems, Inc., and Raytheon Technologies Corporation.

Platforms Covered:

Rotary-Wing Aircraft

Fixed-Wing Aircraft

Unmanned Aerial Vehicle (UAV)

Single Aisle Aircraft

Twin Aisle Aircraft

Components Covered:

Software

Hardware

Types Covered:

Mission Computers

Engine Controls

+44 20 8123 2220
info@marketpublishers.com

Flight Management Computers (FMC)

Flight Controls

Utility Controls

Applications Covered:

Military

Commercial

Para-Military

Civil

Sales Channels Covered:

Aftermarket

Original Equipment Manufacturer (OEM)

End Users Covered:

Installed Base

New Build

Upgrades

Regions Covered:

North America

US

+44 20 8123 2220
info@marketpublishers.com

- Canada
- Mexico

Europe

- Germany
- France
- Italy
- UK
- Spain
- Rest of Europe

Asia Pacific

- Japan
- China
- India
- Australia
- New Zealand
- South Korea
- Rest of Asia Pacific

South America

- Argentina

+44 20 8123 2220
info@marketpublishers.com

- Brazil
- Chile
- Rest of South America

Middle East & Africa

- Saudi Arabia
- UAE
- Qatar
- South Africa
- Rest of Middle East & Africa

What our report offers:

- Market share assessments for the regional and country-level segments
- Strategic recommendations for the new entrants
- Covers Market data for the years 2019, 2020, 2021, 2025 and 2028
- Market Trends (Drivers, Constraints, Opportunities, Threats, Challenges, Investment Opportunities, and recommendations)
- Strategic analysis: Drivers and Constraints, Product/Technology Analysis, Porter’s five forces analysis, SWOT analysis, etc.
- Strategic recommendations in key business segments based on the market estimations
- Competitive landscaping mapping the key common trends
- Company profiling with detailed strategies, financials, and recent developments

+44 20 8123 2220
info@marketpublishers.com

Supply chain trends mapping the latest technological advancements

Free Customization Offerings:

All the customers of this report will be entitled to receive one of the following free customization options:

Company Profiling

Comprehensive profiling of additional market players (up to 3)

SWOT Analysis of key players (up to 3)

Regional Segmentation

Market estimations, Forecasts and CAGR of any prominent country as per the client's interest (Note: Depends on feasibility check)

Competitive Benchmarking

Benchmarking of key players based on product portfolio, geographical presence, and strategic alliances

+44 20 8123 2220
info@marketpublishers.com

Contents

1 EXECUTIVE SUMMARY

2 PREFACE

2.1 Abstract
2.2 Stake Holders
2.3 Research Scope
2.4 Research Methodology
  2.4.1 Data Mining
  2.4.2 Data Analysis
  2.4.3 Data Validation
  2.4.4 Research Approach
2.5 Research Sources
  2.5.1 Primary Research Sources
  2.5.2 Secondary Research Sources
  2.5.3 Assumptions

3 MARKET TREND ANALYSIS

3.1 Introduction
3.2 Drivers
3.3 Restraints
3.4 Opportunities
3.5 Threats
3.6 Application Analysis
3.7 End User Analysis
3.8 Emerging Markets
3.9 Impact of Covid-19

4 PORTERS FIVE FORCE ANALYSIS

4.1 Bargaining power of suppliers
4.2 Bargaining power of buyers
4.3 Threat of substitutes
4.4 Threat of new entrants
4.5 Competitive rivalry

+44 20 8123 2220
info@marketpublishers.com

5 GLOBAL AIRCRAFT COMPUTER MARKET, BY PLATFORM

5.1 Introduction
5.2 Rotary-Wing Aircraft
  5.2.1 Military Helicopters
  5.2.2 Civil Helicopters
5.3 Fixed-Wing Aircraft
  5.3.1 General Aviation
    5.3.1.1 Light Aircraft
    5.3.1.2 Business Aircraft
  5.3.2 Commercial Aviation
    5.3.2.1 Wide Body Aircraft
    5.3.2.2 Narrow Body Aircraft
    5.3.2.3 Regional Transport Aircraft
    5.3.2.4 Very Large Aircraft
  5.3.3 Military Aviation
    5.3.3.1 Transport Aircraft
    5.3.3.2 Fighter Aircraft
5.4 Unmanned Aerial Vehicle (UAV)
5.5 Single Aisle Aircraft
5.6 Twin Aisle Aircraft

6 GLOBAL AIRCRAFT COMPUTER MARKET, BY COMPONENT

6.1 Introduction
6.2 Software
6.3 Hardware

7 GLOBAL AIRCRAFT COMPUTER MARKET, BY TYPE

7.1 Introduction
7.2 Mission Computers
7.3 Engine Controls
  7.3.1 Electronic Engine Control (EEC)
  7.3.2 Full Authority Digital Engine Control (FADEC)
7.4 Flight Management Computers (FMC)
7.5 Flight Controls
  7.5.1 Flight Director Computers
  7.5.2 Flight Augmentation Computers

+44 20 8123 2220
info@marketpublishers.com

7.5.3 Flight Control Computers
7.5.4 Autopilot Computers
7.5.5 Flight Guidance Computers
7.5.6 Air Data Computers
7.6 Utility Controls
7.6.1 Central Maintenance Computers
7.6.2 Fuel Management Computers
7.6.3 Display Management Computers

8 GLOBAL AIRCRAFT COMPUTER MARKET, BY APPLICATION

8.1 Introduction
8.2 Military
8.3 Commercial
8.4 Para-Military
8.5 Civil

9 GLOBAL AIRCRAFT COMPUTER MARKET, BY SALES CHANNEL

9.1 Introduction
9.2 Aftermarket
9.3 Original Equipment Manufacturer (OEM)

10 GLOBAL AIRCRAFT COMPUTER MARKET, BY END USER

10.1 Introduction
10.2 Installed Base
10.3 New Build
10.4 Upgrades

11 GLOBAL AIRCRAFT COMPUTER MARKET, BY GEOGRAPHY

11.1 Introduction
11.2 North America
11.2.1 US
11.2.2 Canada
11.2.3 Mexico
11.3 Europe
11.3.1 Germany

+44 20 8123 2220
info@marketpublishers.com

11.3.2 UK
11.3.3 Italy
11.3.4 France
11.3.5 Spain
11.3.6 Rest of Europe
11.4 Asia Pacific
11.4.1 Japan
11.4.2 China
11.4.3 India
11.4.4 Australia
11.4.5 New Zealand
11.4.6 South Korea
11.4.7 Rest of Asia Pacific
11.5 South America
11.5.1 Argentina
11.5.2 Brazil
11.5.3 Chile
11.5.4 Rest of South America
11.6 Middle East & Africa
11.6.1 Saudi Arabia
11.6.2 UAE
11.6.3 Qatar
11.6.4 South Africa
11.6.5 Rest of Middle East & Africa

12 KEY DEVELOPMENTS

12.1 Agreements, Partnerships, Collaborations and Joint Ventures
12.2 Acquisitions & Mergers
12.3 New Product Launch
12.4 Expansions
12.5 Other Key Strategies

13 COMPANY PROFILING

13.1 Rockwell Collins
13.2 Honeywell International Inc.
13.3 Safran S.A.
13.4 The Curtiss-Wright Corporation

+44 20 8123 2220
info@marketpublishers.com

13.5 Cobham plc
13.6 Saab AB
13.7 United Technologies Corporation
13.8 Esterline Technologies Corporation
13.9 BAE Systems PLC
13.10 Thales Group
13.11 Boeing
13.12 Bombardier Inc.
13.13 Kontron S&T AG
13.14 GE Aviation
13.15 Garmin Ltd.
13.16 General Dynamics Mission Systems, Inc.
13.17 Raytheon Technologies Corporation

+44 20 8123 2220
info@marketpublishers.com

List Of Tables

LIST OF TABLES

Table 1 Global Aircraft Computer Market Outlook, By Region (2019-2028) ($MN)
Table 2 Global Aircraft Computer Market Outlook, By Platform (2019-2028) ($MN)
Table 3 Global Aircraft Computer Market Outlook, By Rotary-Wing Aircraft (2019-2028) ($MN)
Table 4 Global Aircraft Computer Market Outlook, By Military Helicopters (2019-2028) ($MN)
Table 5 Global Aircraft Computer Market Outlook, By Civil Helicopters (2019-2028) ($MN)
Table 6 Global Aircraft Computer Market Outlook, By Fixed-Wing Aircraft (2019-2028) ($MN)
Table 7 Global Aircraft Computer Market Outlook, By General Aviation (2019-2028) ($MN)
Table 8 Global Aircraft Computer Market Outlook, By Commercial Aviation (2019-2028) ($MN)
Table 9 Global Aircraft Computer Market Outlook, By Military Aviation (2019-2028) ($MN)
Table 10 Global Aircraft Computer Market Outlook, By Unmanned Aerial Vehicle (UAV) (2019-2028) ($MN)
Table 11 Global Aircraft Computer Market Outlook, By Single Aisle Aircraft (2019-2028) ($MN)
Table 12 Global Aircraft Computer Market Outlook, By Twin Aisle Aircraft (2019-2028) ($MN)
Table 13 Global Aircraft Computer Market Outlook, By Component (2019-2028) ($MN)
Table 14 Global Aircraft Computer Market Outlook, By Software (2019-2028) ($MN)
Table 15 Global Aircraft Computer Market Outlook, By Hardware (2019-2028) ($MN)
Table 16 Global Aircraft Computer Market Outlook, By Type (2019-2028) ($MN)
Table 17 Global Aircraft Computer Market Outlook, By Mission Computers (2019-2028) ($MN)
Table 18 Global Aircraft Computer Market Outlook, By Engine Controls (2019-2028) ($MN)
Table 19 Global Aircraft Computer Market Outlook, By Electronic Engine Control (EEC) (2019-2028) ($MN)
Table 20 Global Aircraft Computer Market Outlook, By Full Authority Digital Engine Control (FADEC) (2019-2028) ($MN)
Table 21 Global Aircraft Computer Market Outlook, By Flight Management Computers

+44 20 8123 2220
info@marketpublishers.com

(FMC) (2019-2028) ($MN)
Table 22 Global Aircraft Computer Market Outlook, By Flight Controls (2019-2028) ($MN)
Table 23 Global Aircraft Computer Market Outlook, By Flight Director Computers (2019-2028) ($MN)
Table 24 Global Aircraft Computer Market Outlook, By Flight Augmentation Computers (2019-2028) ($MN)
Table 25 Global Aircraft Computer Market Outlook, By Flight Control Computers (2019-2028) ($MN)
Table 26 Global Aircraft Computer Market Outlook, By Autopilot Computers (2019-2028) ($MN)
Table 27 Global Aircraft Computer Market Outlook, By Flight Guidance Computers (2019-2028) ($MN)
Table 28 Global Aircraft Computer Market Outlook, By Air Data Computers (2019-2028) ($MN)
Table 29 Global Aircraft Computer Market Outlook, By Utility Controls (2019-2028) ($MN)
Table 30 Global Aircraft Computer Market Outlook, By Central Maintenance Computers (2019-2028) ($MN)
Table 31 Global Aircraft Computer Market Outlook, By Fuel Management Computers (2019-2028) ($MN)
Table 32 Global Aircraft Computer Market Outlook, By Display Management Computers (2019-2028) ($MN)
Table 33 Global Aircraft Computer Market Outlook, By Application (2019-2028) ($MN)
Table 34 Global Aircraft Computer Market Outlook, By Military (2019-2028) ($MN)
Table 35 Global Aircraft Computer Market Outlook, By Commercial (2019-2028) ($MN)
Table 36 Global Aircraft Computer Market Outlook, By Para-Military (2019-2028) ($MN)
Table 37 Global Aircraft Computer Market Outlook, By Civil (2019-2028) ($MN)
Table 38 Global Aircraft Computer Market Outlook, By Sales Channel (2019-2028) ($MN)
Table 39 Global Aircraft Computer Market Outlook, By Aftermarket (2019-2028) ($MN)
Table 40 Global Aircraft Computer Market Outlook, By Original Equipment Manufacturer (OEM) (2019-2028) ($MN)
Table 41 Global Aircraft Computer Market Outlook, By End User (2019-2028) ($MN)
Table 42 Global Aircraft Computer Market Outlook, By Installed Base (2019-2028) ($MN)
Table 43 Global Aircraft Computer Market Outlook, By New Build (2019-2028) ($MN)
Note: Tables for North America, Europe, APAC, South America, and Middle East & Africa Regions are also represented in the same manner as above.

+44 20 8123 2220
info@marketpublishers.com

I would like to order

Product name: Aircraft Computer - Global Market Outlook (2020-2028)
Product link: https://marketpublishers.com/r/A94E3D7C8725EN.html
Price: US$ 4,150.00 (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/A94E3D7C8725EN.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

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