

Commercial Avionics Systems Market Report by Sub System (Health Monitoring Systems, Flight Management and Control Systems, Communication and Navigation, Cockpit Systems, Visualizations and Display Systems, and Others), Aircraft Type (Narrow-body Aircraft, Wide-body Aircraft, Regional Aircraft, and Others), Fit (Linefit, Retrofit), and Region 2024-2032

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Abstracts

The global commercial avionics systems market size reached US\$ 30.6 Billion in 2023. Looking forward, IMARC Group expects the market to reach US\$ 41.7 Billion by 2032, exhibiting a growth rate (CAGR) of 3.4% during 2024-2032.

Commercial avionics systems are electronic equipment designed for utilization in aviation. They comprise engine controls, flight recorders, lighting systems, threat detection, fuel systems, electro-optic (EO/IR) systems, weather radar, performance monitors, and other systems for carrying out flight management tasks. They are durable, reliable and do not require frequent updates. Besides this, they assist in controlling, monitoring, navigating, avoiding collision with other aircraft, and communicating with air traffic control (ATC) towers to enhance the overall safety of crew and passengers.

Commercial Avionics Systems Market Trends:

The thriving aviation sector, in confluence with the increasing air passenger traffic, represents one of the key factors impelling the growth of the market. Moreover, commercial avionics systems enable the pilot to have a clear overview of the

parameters that keep the aircraft on course and safe from other planes. These systems include cockpit systems that provide pilots with instructions on performing certain maneuvers, such as an emergency landing. They also comprise cabin management systems (CMSs) that allow the cabin crew to monitor and control cabin illumination, passenger signs and calls, galley and lavatory controls, and cabin intercommunication devices. This, coupled with the growing adoption of next-generation flight management systems (NGFMS), is augmenting the sales of commercial avionics systems across the globe. Apart from this, there is a rise in the need for improved safety and security against hijacking and terrorist attacks worldwide. This, along with the increasing focus of market players on product innovations to offer better service, is positively influencing the market. Other factors strengthening the growth of the market are rapid urbanization and the integration of technologies, such as the internet of things (IoT), in avionics systems.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global commercial avionics systems market report, along with forecasts at the global, regional and country level from 2024-2032. Our report has categorized the market based on sub system, aircraft type and fit.

Breakup by Sub System:

- Health Monitoring Systems
- Flight Management and Control Systems
- Communication and Navigation
- Cockpit Systems
- Visualizations and Display Systems
- Others

Breakup by Aircraft Type:

- Narrow-body Aircraft
- Wide-body Aircraft
- Regional Aircraft
- Others

Breakup by Fit:

- Linefit

Retrofit

Breakup by Region:

North America

United States

Canada

Asia-Pacific

China

Japan

India

South Korea

Australia

Indonesia

Others

Europe

Germany

France

United Kingdom

Italy

Spain

Russia

Others

Latin America

Brazil

Mexico

Others

Middle East and Africa

Competitive Landscape:

The competitive landscape of the industry has also been examined along with the profiles of the key players being Cobham Limited, Garmin Ltd., General Electric Company, Honeywell International Inc., L3Harris Technologies Inc., Panasonic Corporation, Raytheon Technologies Corporation, Safran SA, Teledyne Technologies Inc., Thales Group and Universal Avionics Systems Corporation (Elbit Systems Ltd.).

Key Questions Answered in This Report

1. What was the size of the global commercial avionics systems market in 2023?

2. What is the expected growth rate of the global commercial avionics systems market during 2024-2032?
3. What are the key factors driving the global commercial avionics systems market?
4. What has been the impact of COVID-19 on the global commercial avionics systems market?
5. What is the breakup of the global commercial avionics systems market based on the sub system?
6. What is the breakup of the global commercial avionics systems market based on the aircraft type?
7. What are the key regions in the global commercial avionics systems market?
8. Who are the key players/companies in the global commercial avionics systems market?

Contents

1 PREFACE

2 SCOPE AND METHODOLOGY

- 2.1 Objectives of the Study
- 2.2 Stakeholders
- 2.3 Data Sources
 - 2.3.1 Primary Sources
 - 2.3.2 Secondary Sources
- 2.4 Market Estimation
 - 2.4.1 Bottom-Up Approach
 - 2.4.2 Top-Down Approach
- 2.5 Forecasting Methodology

3 EXECUTIVE SUMMARY

4 INTRODUCTION

- 4.1 Overview
- 4.2 Key Industry Trends

5 GLOBAL COMMERCIAL AVIONICS SYSTEMS MARKET

- 5.1 Market Overview
- 5.2 Market Performance
- 5.3 Impact of COVID-19
- 5.4 Market Forecast

6 MARKET BREAKUP BY SUB SYSTEM

- 6.1 Health Monitoring Systems
 - 6.1.1 Market Trends
 - 6.1.2 Market Forecast
- 6.2 Flight Management and Control Systems
 - 6.2.1 Market Trends
 - 6.2.2 Market Forecast
- 6.3 Communication and Navigation

- 6.3.1 Market Trends
- 6.3.2 Market Forecast
- 6.4 Cockpit Systems
 - 6.4.1 Market Trends
 - 6.4.2 Market Forecast
- 6.5 Visualizations and Display Systems
 - 6.5.1 Market Trends
 - 6.5.2 Market Forecast
- 6.6 Others
 - 6.6.1 Market Trends
 - 6.6.2 Market Forecast

7 MARKET BREAKUP BY AIRCRAFT TYPE

- 7.1 Narrow-body Aircraft
 - 7.1.1 Market Trends
 - 7.1.2 Market Forecast
- 7.2 Wide-body Aircraft
 - 7.2.1 Market Trends
 - 7.2.2 Market Forecast
- 7.3 Regional Aircraft
 - 7.3.1 Market Trends
 - 7.3.2 Market Forecast
- 7.4 Others
 - 7.4.1 Market Trends
 - 7.4.2 Market Forecast

8 MARKET BREAKUP BY FIT

- 8.1 Linefit
 - 8.1.1 Market Trends
 - 8.1.2 Market Forecast
- 8.2 Retrofit
 - 8.2.1 Market Trends
 - 8.2.2 Market Forecast

9 MARKET BREAKUP BY REGION

- 9.1 North America

- 9.1.1 United States
 - 9.1.1.1 Market Trends
 - 9.1.1.2 Market Forecast
- 9.1.2 Canada
 - 9.1.2.1 Market Trends
 - 9.1.2.2 Market Forecast
- 9.2 Asia-Pacific
 - 9.2.1 China
 - 9.2.1.1 Market Trends
 - 9.2.1.2 Market Forecast
 - 9.2.2 Japan
 - 9.2.2.1 Market Trends
 - 9.2.2.2 Market Forecast
 - 9.2.3 India
 - 9.2.3.1 Market Trends
 - 9.2.3.2 Market Forecast
 - 9.2.4 South Korea
 - 9.2.4.1 Market Trends
 - 9.2.4.2 Market Forecast
 - 9.2.5 Australia
 - 9.2.5.1 Market Trends
 - 9.2.5.2 Market Forecast
 - 9.2.6 Indonesia
 - 9.2.6.1 Market Trends
 - 9.2.6.2 Market Forecast
 - 9.2.7 Others
 - 9.2.7.1 Market Trends
 - 9.2.7.2 Market Forecast
- 9.3 Europe
 - 9.3.1 Germany
 - 9.3.1.1 Market Trends
 - 9.3.1.2 Market Forecast
 - 9.3.2 France
 - 9.3.2.1 Market Trends
 - 9.3.2.2 Market Forecast
 - 9.3.3 United Kingdom
 - 9.3.3.1 Market Trends
 - 9.3.3.2 Market Forecast
 - 9.3.4 Italy

- 9.3.4.1 Market Trends
- 9.3.4.2 Market Forecast
- 9.3.5 Spain
 - 9.3.5.1 Market Trends
 - 9.3.5.2 Market Forecast
- 9.3.6 Russia
 - 9.3.6.1 Market Trends
 - 9.3.6.2 Market Forecast
- 9.3.7 Others
 - 9.3.7.1 Market Trends
 - 9.3.7.2 Market Forecast
- 9.4 Latin America
 - 9.4.1 Brazil
 - 9.4.1.1 Market Trends
 - 9.4.1.2 Market Forecast
 - 9.4.2 Mexico
 - 9.4.2.1 Market Trends
 - 9.4.2.2 Market Forecast
 - 9.4.3 Others
 - 9.4.3.1 Market Trends
 - 9.4.3.2 Market Forecast
- 9.5 Middle East and Africa
 - 9.5.1 Market Trends
 - 9.5.2 Market Breakup by Country
 - 9.5.3 Market Forecast

10 SWOT ANALYSIS

- 10.1 Overview
- 10.2 Strengths
- 10.3 Weaknesses
- 10.4 Opportunities
- 10.5 Threats

11 VALUE CHAIN ANALYSIS

12 PORTERS FIVE FORCES ANALYSIS

- 12.1 Overview

- 12.2 Bargaining Power of Buyers
- 12.3 Bargaining Power of Suppliers
- 12.4 Degree of Competition
- 12.5 Threat of New Entrants
- 12.6 Threat of Substitutes

13 PRICE ANALYSIS

14 COMPETITIVE LANDSCAPE

- 14.1 Market Structure
- 14.2 Key Players
- 14.3 Profiles of Key Players
 - 14.3.1 Cobham Limited
 - 14.3.1.1 Company Overview
 - 14.3.1.2 Product Portfolio
 - 14.3.1.3 SWOT Analysis
 - 14.3.2 Garmin Ltd.
 - 14.3.2.1 Company Overview
 - 14.3.2.2 Product Portfolio
 - 14.3.2.3 Financials
 - 14.3.2.4 SWOT Analysis
 - 14.3.3 General Electric Company
 - 14.3.3.1 Company Overview
 - 14.3.3.2 Product Portfolio
 - 14.3.3.3 Financials
 - 14.3.3.4 SWOT Analysis
 - 14.3.4 Honeywell International Inc.
 - 14.3.4.1 Company Overview
 - 14.3.4.2 Product Portfolio
 - 14.3.4.3 Financials
 - 14.3.4.4 SWOT Analysis
 - 14.3.5 L3Harris Technologies Inc.
 - 14.3.5.1 Company Overview
 - 14.3.5.2 Product Portfolio
 - 14.3.5.3 Financials
 - 14.3.6 Panasonic Corporation
 - 14.3.6.1 Company Overview
 - 14.3.6.2 Product Portfolio

- 14.3.6.3 Financials
- 14.3.6.4 SWOT Analysis
- 14.3.7 Raytheon Technologies Corporation
 - 14.3.7.1 Company Overview
 - 14.3.7.2 Product Portfolio
 - 14.3.7.3 Financials
 - 14.3.7.4 SWOT Analysis
- 14.3.8 Safran SA
 - 14.3.8.1 Company Overview
 - 14.3.8.2 Product Portfolio
 - 14.3.8.3 Financials
 - 14.3.8.4 SWOT Analysis
- 14.3.9 Teledyne Technologies Inc.
 - 14.3.9.1 Company Overview
 - 14.3.9.2 Product Portfolio
 - 14.3.9.3 Financials
 - 14.3.9.4 SWOT Analysis
- 14.3.10 Thales Group
 - 14.3.10.1 Company Overview
 - 14.3.10.2 Product Portfolio
 - 14.3.10.3 Financials
 - 14.3.10.4 SWOT Analysis
- 14.3.11 Universal Avionics Systems Corporation (Elbit Systems Ltd.)
 - 14.3.11.1 Company Overview
 - 14.3.11.2 Product Portfolio

List Of Tables

LIST OF TABLES

Table 1: Global: Commercial Avionics Systems Market: Key Industry Highlights, 2023 and 2032

Table 2: Global: Commercial Avionics Systems Market Forecast: Breakup by Sub System (in Million US\$), 2024-2032

Table 3: Global: Commercial Avionics Systems Market Forecast: Breakup by Aircraft Type (in Million US\$), 2024-2032

Table 4: Global: Commercial Avionics Systems Market Forecast: Breakup by Fit (in Million US\$), 2024-2032

Table 5: Global: Commercial Avionics Systems Market Forecast: Breakup by Region (in Million US\$), 2024-2032

Table 6: Global: Commercial Avionics Systems Market: Competitive Structure

Table 7: Global: Commercial Avionics Systems Market: Key Players

List Of Figures

LIST OF FIGURES

Figure 1: Global: Commercial Avionics Systems Market: Major Drivers and Challenges

Figure 2: Global: Commercial Avionics Systems Market: Sales Value (in Billion US\$), 2018-2023

Figure 3: Global: Commercial Avionics Systems Market Forecast: Sales Value (in Billion US\$), 2024-2032

Figure 4: Global: Commercial Avionics Systems Market: Breakup by Sub System (in %), 2023

Figure 5: Global: Commercial Avionics Systems Market: Breakup by Aircraft Type (in %), 2023

Figure 6: Global: Commercial Avionics Systems Market: Breakup by Fit (in %), 2023

Figure 7: Global: Commercial Avionics Systems Market: Breakup by Region (in %), 2023

Figure 8: Global: Commercial Avionics Systems (Health Monitoring Systems) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 9: Global: Commercial Avionics Systems (Health Monitoring Systems) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 10: Global: Commercial Avionics Systems (Flight Management and Control Systems) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 11: Global: Commercial Avionics Systems (Flight Management and Control Systems) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 12: Global: Commercial Avionics Systems (Communication and Navigation) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 13: Global: Commercial Avionics Systems (Communication and Navigation) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 14: Global: Commercial Avionics Systems (Cockpit Systems) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 15: Global: Commercial Avionics Systems (Cockpit Systems) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 16: Global: Commercial Avionics Systems (Visualizations and Display Systems) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 17: Global: Commercial Avionics Systems (Visualizations and Display Systems) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 18: Global: Commercial Avionics Systems (Other Sub Systems) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 19: Global: Commercial Avionics Systems (Other Sub Systems) Market

Forecast: Sales Value (in Million US\$), 2024-2032

Figure 20: Global: Commercial Avionics Systems (Narrow-body Aircraft) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 21: Global: Commercial Avionics Systems (Narrow-body Aircraft) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 22: Global: Commercial Avionics Systems (Wide-body Aircraft) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 23: Global: Commercial Avionics Systems (Wide-body Aircraft) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 24: Global: Commercial Avionics Systems (Regional Aircraft) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 25: Global: Commercial Avionics Systems (Regional Aircraft) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 26: Global: Commercial Avionics Systems (Other Aircraft Types) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 27: Global: Commercial Avionics Systems (Other Aircraft Types) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 28: Global: Commercial Avionics Systems (Linefit) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 29: Global: Commercial Avionics Systems (Linefit) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 30: Global: Commercial Avionics Systems (Retrofit) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 31: Global: Commercial Avionics Systems (Retrofit) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 32: North America: Commercial Avionics Systems Market: Sales Value (in Million US\$), 2018 & 2023

Figure 33: North America: Commercial Avionics Systems Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 34: United States: Commercial Avionics Systems Market: Sales Value (in Million US\$), 2018 & 2023

Figure 35: United States: Commercial Avionics Systems Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 36: Canada: Commercial Avionics Systems Market: Sales Value (in Million US\$), 2018 & 2023

Figure 37: Canada: Commercial Avionics Systems Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 38: Asia-Pacific: Commercial Avionics Systems Market: Sales Value (in Million US\$), 2018 & 2023

Figure 39: Asia-Pacific: Commercial Avionics Systems Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 40: China: Commercial Avionics Systems Market: Sales Value (in Million US\$), 2018 & 2023

Figure 41: China: Commercial Avionics Systems Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 42: Japan: Commercial Avionics Systems Market: Sales Value (in Million US\$), 2018 & 2023

Figure 43: Japan: Commercial Avionics Systems Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 44: India: Commercial Avionics Systems Market: Sales Value (in Million US\$), 2018 & 2023

Figure 45: India: Commercial Avionics Systems Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 46: South Korea: Commercial Avionics Systems Market: Sales Value (in Million US\$), 2018 & 2023

Figure 47: South Korea: Commercial Avionics Systems Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 48: Australia: Commercial Avionics Systems Market: Sales Value (in Million US\$), 2018 & 2023

Figure 49: Australia: Commercial Avionics Systems Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 50: Indonesia: Commercial Avionics Systems Market: Sales Value (in Million US\$), 2018 & 2023

Figure 51: Indonesia: Commercial Avionics Systems Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 52: Others: Commercial Avionics Systems Market: Sales Value (in Million US\$), 2018 & 2023

Figure 53: Others: Commercial Avionics Systems Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 54: Europe: Commercial Avionics Systems Market: Sales Value (in Million US\$), 2018 & 2023

Figure 55: Europe: Commercial Avionics Systems Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 56: Germany: Commercial Avionics Systems Market: Sales Value (in Million US\$), 2018 & 2023

Figure 57: Germany: Commercial Avionics Systems Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 58: France: Commercial Avionics Systems Market: Sales Value (in Million US\$),

2018 & 2023

Figure 59: France: Commercial Avionics Systems Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 60: United Kingdom: Commercial Avionics Systems Market: Sales Value (in Million US\$), 2018 & 2023

Figure 61: United Kingdom: Commercial Avionics Systems Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 62: Italy: Commercial Avionics Systems Market: Sales Value (in Million US\$), 2018 & 2023

Figure 63: Italy: Commercial Avionics Systems Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 64: Spain: Commercial Avionics Systems Market: Sales Value (in Million US\$), 2018 & 2023

Figure 65: Spain: Commercial Avionics Systems Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 66: Russia: Commercial Avionics Systems Market: Sales Value (in Million US\$), 2018 & 2023

Figure 67: Russia: Commercial Avionics Systems Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 68: Others: Commercial Avionics Systems Market: Sales Value (in Million US\$), 2018 & 2023

Figure 69: Others: Commercial Avionics Systems Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 70: Latin America: Commercial Avionics Systems Market: Sales Value (in Million US\$), 2018 & 2023

Figure 71: Latin America: Commercial Avionics Systems Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 72: Brazil: Commercial Avionics Systems Market: Sales Value (in Million US\$), 2018 & 2023

Figure 73: Brazil: Commercial Avionics Systems Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 74: Mexico: Commercial Avionics Systems Market: Sales Value (in Million US\$), 2018 & 2023

Figure 75: Mexico: Commercial Avionics Systems Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 76: Others: Commercial Avionics Systems Market: Sales Value (in Million US\$), 2018 & 2023

Figure 77: Others: Commercial Avionics Systems Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 78: Middle East and Africa: Commercial Avionics Systems Market: Sales Value (in Million US\$), 2018 & 2023

Figure 79: Middle East and Africa: Commercial Avionics Systems Market: Breakup by Country (in %), 2023

Figure 80: Middle East and Africa: Commercial Avionics Systems Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 81: Global: Commercial Avionics Systems Industry: SWOT Analysis

Figure 82: Global: Commercial Avionics Systems Industry: Value Chain Analysis

Figure 83: Global: Commercial Avionics Systems Industry: Porter's Five Forces Analysis

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