

# **Global Aircraft Communication System Market Size study, by Connectivity (SATCOM, HF, VHF, UHF, Data Link Communication), by System (Audio Integrating System, Communication Radios, Radio Tuning System, Cockpit Voice Recorder, Static Dischargers), by Platform (Fixed-Wing, Rotary-Wing), and Regional Forecasts 2022-2032**

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## **Abstracts**

The Global Aircraft Communication System Market, valued at approximately USD 9.1 Billion in 2023, is expected to grow significantly, reaching over USD 20.59 Billion by 2032, at a robust CAGR of 9.50% during the forecast period from 2024 to 2032. Aircraft communication systems are vital for maintaining safety and operational efficiency in aviation. These systems, which include voice communication via VHF/UHF radios, data link systems like ACARS, and satellite communication, are essential for pilot communication with air traffic control and onboard systems. The growing demand for air travel and the expansion of aircraft fleets globally are key factors driving the market's growth. The implementation of advanced technologies, such as satellite-based communication, has further enhanced the reliability and efficiency of these systems, thereby ensuring seamless communication even in the most remote regions.

The global market is being propelled by significant drivers, including continuous technological advancements and increasing air traffic due to rising global travel demand. Technological innovations, including the integration of next-generation communication systems such as VHF and HF, are critical in ensuring clear and uninterrupted communication, thus contributing to the safe operation of aircraft. Furthermore, the stringent aviation safety regulations imposed by bodies like the FAA and EASA necessitate the adoption of advanced communication systems, thus fueling

market growth. Emerging markets, particularly in Asia-Pacific, Latin America, and the Middle East, offer substantial opportunities for market expansion due to the rapid growth in air travel and aviation infrastructure investments. The adoption of satellite-based communication systems, which provide global coverage and reduced latency, also presents lucrative opportunities for market players. However, the high costs associated with the development, installation, and maintenance of these advanced systems pose a significant challenge, particularly for smaller airlines and those in emerging markets.

Geographically, North America dominates the global aircraft communication system market, largely due to its extensive commercial aviation sector and the presence of major aerospace and defense companies. The region's continuous technological advancements in avionics further support market growth. Meanwhile, the Asia-Pacific region is expected to witness the fastest growth during the forecast period, driven by the rapid expansion of the aviation industry, increasing air travel demand, and the modernization of communication infrastructure.

Major market players included in this report are:

Collins Aerospace

Harris Corp.

Honeywell Aerospace

Iridium Communications Inc.

L3 Harris Technologies

Lockheed Martin

Northrop Grumman Corp.

Raytheon

Airbus SE

Thales Group

The detailed segments and sub-segment of the market are explained below:

By Connectivity:

SATCOM

HF

VHF

UHF

Data Link Communication

By System:

Audio Integrating System

Communication Radios

Radio Tuning System

Cockpit Voice Recorder

Static Dischargers

By Platform:

Fixed-Wing

Rotary-Wing

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC

Latin America

Brazil

Mexico

RoLA

Middle East & Africa

Saudi Arabia

South Africa

RoMEA

Years considered for the study are as follows:

Historical year – 2022

Base year – 2023

Forecast period – 2024 to 2032

Key Takeaways:

Market Estimates & Forecast for 10 years from 2022 to 2032.

Annualized revenues and regional level analysis for each market segment.

Detailed analysis of geographical landscape with Country level analysis of major regions.

Competitive landscape with information on major players in the market.

Analysis of key business strategies and recommendations on future market approach.

Analysis of competitive structure of the market.

Demand side and supply side analysis of the market.

## Contents

### **CHAPTER 1. GLOBAL AIRCRAFT COMMUNICATION SYSTEM MARKET EXECUTIVE SUMMARY**

- 1.1. Global Aircraft Communication System Market Size & Forecast (2022-2032)
- 1.2. Regional Summary
- 1.3. Segmental Summary
  - 1.3.1. By Connectivity
  - 1.3.2. By System
  - 1.3.3. By Platform
- 1.4. Key Trends
- 1.5. Recession Impact
- 1.6. Analyst Recommendation & Conclusion

### **CHAPTER 2. GLOBAL AIRCRAFT COMMUNICATION SYSTEM MARKET DEFINITION AND RESEARCH ASSUMPTIONS**

- 2.1. Research Objective
- 2.2. Market Definition
- 2.3. Research Assumptions
  - 2.3.1. Inclusion & Exclusion
  - 2.3.2. Limitations
  - 2.3.3. Supply Side Analysis
    - 2.3.3.1. Availability
    - 2.3.3.2. Infrastructure
    - 2.3.3.3. Regulatory Environment
    - 2.3.3.4. Market Competition
    - 2.3.3.5. Economic Viability (Consumer's Perspective)
  - 2.3.4. Demand Side Analysis
    - 2.3.4.1. Regulatory frameworks
    - 2.3.4.2. Technological Advancements
    - 2.3.4.3. Environmental Considerations
    - 2.3.4.4. Consumer Awareness & Acceptance
- 2.4. Estimation Methodology
- 2.5. Years Considered for the Study
- 2.6. Currency Conversion Rates

### **CHAPTER 3. GLOBAL AIRCRAFT COMMUNICATION SYSTEM MARKET**

*Global Aircraft Communication System Market Size study, by Connectivity (SATCOM, HF, VHF, UHF, Data Link Commu...*

## **DYNAMICS**

### **3.1. Market Drivers**

- 3.1.1. Technological Advancements in Communication Systems
- 3.1.2. Increasing Air Traffic and Fleet Expansion
- 3.1.3. Stringent Aviation Safety Regulations

### **3.2. Market Challenges**

- 3.2.1. High Costs and Maintenance Requirements

### **3.3. Market Opportunities**

- 3.3.1. Growth in Emerging Markets
- 3.3.2. Adoption of Satellite-Based Communication Systems

## **CHAPTER 4. GLOBAL AIRCRAFT COMMUNICATION SYSTEM MARKET INDUSTRY ANALYSIS**

### **4.1. Porter's 5 Force Model**

- 4.1.1. Bargaining Power of Suppliers
- 4.1.2. Bargaining Power of Buyers
- 4.1.3. Threat of New Entrants
- 4.1.4. Threat of Substitutes
- 4.1.5. Competitive Rivalry
- 4.1.6. Futuristic Approach to Porter's 5 Force Model
- 4.1.7. Porter's 5 Force Impact Analysis

### **4.2. PESTEL Analysis**

- 4.2.1. Political
- 4.2.2. Economical
- 4.2.3. Social
- 4.2.4. Technological
- 4.2.5. Environmental
- 4.2.6. Legal

### **4.3. Top Investment Opportunity**

### **4.4. Top Winning Strategies**

### **4.5. Disruptive Trends**

### **4.6. Industry Expert Perspective**

### **4.7. Analyst Recommendation & Conclusion**

## **CHAPTER 5. GLOBAL AIRCRAFT COMMUNICATION SYSTEM MARKET SIZE & FORECASTS BY CONNECTIVITY (2022-2032)**



#### 5.1. Segment Dashboard

#### 5.2. Global Aircraft Communication System Market: Connectivity Revenue Trend Analysis, 2022 & 2032 (USD Billion)

##### 5.2.1. SATCOM

##### 5.2.2. HF

##### 5.2.3. VHF

##### 5.2.4. UHF

##### 5.2.5. Data Link Communication

### **CHAPTER 6. GLOBAL AIRCRAFT COMMUNICATION SYSTEM MARKET SIZE & FORECASTS BY SYSTEM (2022-2032)**

#### 6.1. Segment Dashboard

#### 6.2. Global Aircraft Communication System Market: System Revenue Trend Analysis, 2022 & 2032 (USD Billion)

##### 6.2.1. Audio Integrating System

##### 6.2.2. Communication Radios

##### 6.2.3. Radio Tuning System

##### 6.2.4. Cockpit Voice Recorder

##### 6.2.5. Static Dischargers

### **CHAPTER 7. GLOBAL AIRCRAFT COMMUNICATION SYSTEM MARKET SIZE & FORECASTS BY PLATFORM (2022-2032)**

#### 7.1. Segment Dashboard

#### 7.2. Global Aircraft Communication System Market: Platform Revenue Trend Analysis, 2022 & 2032 (USD Billion)

##### 7.2.1. Fixed-Wing

##### 7.2.2. Rotary-Wing

### **CHAPTER 8. GLOBAL AIRCRAFT COMMUNICATION SYSTEM MARKET SIZE & FORECASTS BY REGION (2022-2032)**

#### 8.1. North America Aircraft Communication System Market

##### 8.1.1. U.S. Aircraft Communication System Market

###### 8.1.1.1. Connectivity Breakdown Size & Forecasts, 2022-2032

###### 8.1.1.2. System Breakdown Size & Forecasts, 2022-2032

###### 8.1.1.3. Platform Breakdown Size & Forecasts, 2022-2032

##### 8.1.2. Canada Aircraft Communication System Market

- 8.2. Europe Aircraft Communication System Market
  - 8.2.1. U.K. Aircraft Communication System Market
  - 8.2.2. Germany Aircraft Communication System Market
  - 8.2.3. France Aircraft Communication System Market
  - 8.2.4. Spain Aircraft Communication System Market
  - 8.2.5. Italy Aircraft Communication System Market
  - 8.2.6. Rest of Europe Aircraft Communication System Market
- 8.3. Asia-Pacific Aircraft Communication System Market
  - 8.3.1. China Aircraft Communication System Market
  - 8.3.2. India Aircraft Communication System Market
  - 8.3.3. Japan Aircraft Communication System Market
  - 8.3.4. Australia Aircraft Communication System Market
  - 8.3.5. South Korea Aircraft Communication System Market
  - 8.3.6. Rest of Asia Pacific Aircraft Communication System Market
- 8.4. Latin America Aircraft Communication System Market
  - 8.4.1. Brazil Aircraft Communication System Market
  - 8.4.2. Mexico Aircraft Communication System Market
  - 8.4.3. Rest of Latin America Aircraft Communication System Market
- 8.5. Middle East & Africa Aircraft Communication System Market
  - 8.5.1. Saudi Arabia Aircraft Communication System Market
  - 8.5.2. South Africa Aircraft Communication System Market
  - 8.5.3. Rest of Middle East & Africa Aircraft Communication System Market

## **CHAPTER 9. COMPETITIVE INTELLIGENCE**

- 9.1. Key Company SWOT Analysis
  - 9.1.1. Collins Aerospace
  - 9.1.2. Harris Corp.
  - 9.1.3. Honeywell Aerospace
- 9.2. Top Market Strategies
- 9.3. Company Profiles
  - 9.3.1. Iridium Communications Inc.
    - 9.3.1.1. Key Information
    - 9.3.1.2. Overview
    - 9.3.1.3. Financial (Subject to Data Availability)
    - 9.3.1.4. Product Summary
    - 9.3.1.5. Market Strategies
  - 9.3.2. L3 Harris Technologies
  - 9.3.3. Lockheed Martin

9.3.4. Northrop Grumman Corp.

9.3.5. Raytheon

9.3.6. Airbus SE

9.3.7. Thales Group

9.3.8. BAE Systems

9.3.9. Cobham PLC

9.3.10. Garmin Ltd.

## **CHAPTER 10. RESEARCH PROCESS**

10.1. Research Process

10.1.1. Data Mining

10.1.2. Analysis

10.1.3. Market Estimation

10.1.4. Validation

10.1.5. Publishing

10.2. Research Attributes

## List Of Tables

### LIST OF TABLES

- TABLE 1. Global Aircraft Communication System market, report scope
- TABLE 2. Global Aircraft Communication System market estimates & forecasts by Region 2022-2032 (USD Billion)
- TABLE 3. Global Aircraft Communication System market estimates & forecasts by Connectivity 2022-2032 (USD Billion)
- TABLE 4. Global Aircraft Communication System market estimates & forecasts by System 2022-2032 (USD Billion)
- TABLE 5. Global Aircraft Communication System market by segment, estimates & forecasts, 2022-2032 (USD Billion)
- TABLE 6. Global Aircraft Communication System market by region, estimates & forecasts, 2022-2032 (USD Billion)
- TABLE 7. Global Aircraft Communication System market by segment, estimates & forecasts, 2022-2032 (USD Billion)
- TABLE 8. Global Aircraft Communication System market by region, estimates & forecasts, 2022-2032 (USD Billion)
- TABLE 9. Global Aircraft Communication System market by segment, estimates & forecasts, 2022-2032 (USD Billion)
- TABLE 10. Global Aircraft Communication System market by region, estimates & forecasts, 2022-2032 (USD Billion)
- TABLE 11. Global Aircraft Communication System market by segment, estimates & forecasts, 2022-2032 (USD Billion)
- TABLE 12. Global Aircraft Communication System market by region, estimates & forecasts, 2022-2032 (USD Billion)
- TABLE 13. Global Aircraft Communication System market by segment, estimates & forecasts, 2022-2032 (USD Billion)
- TABLE 14. Global Aircraft Communication System market by region, estimates & forecasts, 2022-2032 (USD Billion)
- TABLE 15. U.S. Aircraft Communication System market estimates & forecasts, 2022-2032 (USD Billion)
- TABLE 16. U.S. Aircraft Communication System market estimates & forecasts by segment 2022-2032 (USD Billion)
- TABLE 17. U.S. Aircraft Communication System market estimates & forecasts by segment 2022-2032 (USD Billion)
- TABLE 18. Canada Aircraft Communication System market estimates & forecasts, 2022-2032 (USD Billion)

TABLE 19. Canada Aircraft Communication System market estimates & forecasts by segment 2022-2032 (USD Billion)

TABLE 20. Canada Aircraft Communication System market estimates & forecasts by segment 2022-2032 (USD Billion)

.....

This list is not complete, final report does contain more than 100 tables. The list may be updated in the final deliverable.

## List Of Figures

### LIST OF FIGURES

- FIG 1. Global Aircraft Communication System market, research methodology
- FIG 2. Global Aircraft Communication System market, market estimation techniques
- FIG 3. Global market size estimates & forecast methods.
- FIG 4. Global Aircraft Communication System market, key trends 2023
- FIG 5. Global Aircraft Communication System market, growth prospects 2022-2032
- FIG 6. Global Aircraft Communication System market, porters 5 force model
- FIG 7. Global Aircraft Communication System market, PESTEL analysis
- FIG 8. Global Aircraft Communication System market, value chain analysis
- FIG 9. Global Aircraft Communication System by segment, 2022 & 2032 (USD Billion)
- FIG 10. Global Aircraft Communication System by segment, 2022 & 2032 (USD Billion)
- FIG 11. Global Aircraft Communication System by segment, 2022 & 2032 (USD Billion)
- FIG 12. Global Aircraft Communication System by segment, 2022 & 2032 (USD Billion)
- FIG 13. Global Aircraft Communication System by segment, 2022 & 2032 (USD Billion)
- FIG 14. Global Aircraft Communication System, regional snapshot 2022 & 2032
- FIG 15. North America Aircraft Communication System market 2022 & 2032 (USD Billion)
- FIG 16. Europe Aircraft Communication System market 2022 & 2032 (USD Billion)
- FIG 17. Asia Pacific Aircraft Communication System market 2022 & 2032 (USD Billion)
- FIG 18. Latin America Aircraft Communication System market 2022 & 2032 (USD Billion)
- FIG 19. Middle East & Africa Aircraft Communication System market 2022 & 2032 (USD Billion)
- FIG 20. Global Aircraft Communication System market, company market share analysis (2023)

This list is not complete, final report does contain more than 50 figures. The list may be updated in the final deliverable.

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