

Europe Airborne Fire Control Radar Market Size study, by Frequency Band (L And S-Band, X-Band, Ku/K/Ka-Band) by Platform (Fighter Jets, Combat Helicopters, and Others) by Application (Air to Ground, Air to Sea, Air to Air) and Country Forecasts 2022-2032

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Abstracts

Europe Airborne Fire Control Radar Market is valued approximately USD 784.30 million in 2023 and is anticipated to grow with a healthy growth rate of more than 7.47% over the forecast period 2024-2032. The airborne fire control radar consists of radar systems that are designed to detect, track, and target potential threats such as enemy aircraft, missiles, and other airborne objects. It plays an important role in enhancing situational awareness and enabling effective engagement of targets, thereby ensuring the operational effectiveness of military aircraft. Key players in this Europe Airborne Fire Control Radar Market include radar system manufacturers, and technology firms that focuses in developing advanced radar technologies primarily for military applications. Trends such as increasing defense budgets, modernization efforts by European armed forces, and the evolving threat landscape help in growth of the market during the forecast period 2024-2032. In addition, advancements in radar technology, such as active electronically scanned arrays (AESAs) and multi-mode capabilities, are influencing market dynamics by offering enhanced performance and versatility to meet evolving operational requirements.

The modernization of military equipment stands as a primary driver fueling the growth for Europe Airborne Fire Control Radar Market. As nations across Europe endeavor to enhance the capabilities of their armed forces, upgrading existing aircraft with advanced fire control radar technology becomes imperative. This modernization drive is propelled by a combination of factors, including the need to maintain strategic superiority, adapt to evolving security threats, and meet the demands of multi-domain operations. These

radar systems play a crucial role in enhancing situational awareness, target acquisition, and engagement capabilities of fighter aircraft, helicopters, and other airborne platforms. The integration of advanced radar technologies enables military forces to effectively detect, track, and engage both air and surface targets, thereby bolstering mission effectiveness across a range of operational scenarios. Thus, the modernization of military equipment serves as a key catalyst driving sustained demand for Europe Airborne Fire Control Radar Market. However, budget constraints and dependency on imports can stifle market growth between 2022 and 2032.

The key countries considered for the Europe Airborne Fire Control Radar market study includes UK, Germany, France, Italy, Spain, and Rest of Europe. In 2023, Germany was the dominating market. In Germany, the Airborne Fire Control Radar Market driven by several factors such as domestic needs and broader European defense dynamics. As one of Europe's leading military powers and a key NATO member, Germany's requirements for airborne fire control radar systems are shaped by its national security priorities, defense strategies, and collaborative efforts within the European defense framework. German defense manufacturers play a significant role in the development and production of airborne fire control radar systems and efforts between government agencies, research institutions, and industry partners foster innovation and support the domestic defense industrial base, contributing to the competitiveness of the Germany Airborne Fire Control Radar Market. The market in UK, on the other hand, is expected to develop at the fastest rate over the forecast period 2024-2032.

Major market player included in this report are:

Hensoldt AG

Thales Group

BAE Systems Plc

Leonardo S.p.A.

Saab AB

Company 6

Company 7

Company 8

Company 9

Company 10

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

By Frequency Band

L And S-Band

X-Band

Ku/K/Ka-Band

By Platform

Fighter Jets

Combat Helicopters

Others

By Application

Air To Ground

Air To Sea

Air To Air

By Region:

Europe

UK

Germany

France

Spain

Italy

ROE

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 Country level analysis for each market segment.

Detailed analysis of geographical landscape with Country level analysis.

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. EUROPE AIRBORNE FIRE CONTROL RADAR MARKET DEFINITION AND RESEARCH ASSUMPTIONS

- 1.1. Research Objective
- 1.2. Market Definition
- 1.3. Research Assumptions
 - 1.3.1. Inclusion & Exclusion
 - 1.3.2. Limitations
 - 1.3.3. Supply Side Analysis
 - 1.3.3.1. Availability
 - 1.3.3.2. Infrastructure
 - 1.3.3.3. Regulatory Environment
 - 1.3.3.4. Market Competition
 - 1.3.3.5. Economic Viability (Consumer's Perspective)
 - 1.3.4. Demand Side Analysis
 - 1.3.4.1. Regulatory frameworks
 - 1.3.4.2. Technological Advancements
 - 1.3.4.3. Environmental Considerations
 - 1.3.4.4. Consumer Awareness & Acceptance
- 1.4. Estimation Methodology
- 1.5. Years Considered for the Study
- 1.6. Currency Conversion Rates

CHAPTER 2. EXECUTIVE SUMMARY

- 2.1. Europe Airborne Fire Control Radar Market Size & Forecast (2022- 2032)
- 2.2. Regional Summary
- 2.3. Segmental Summary
 - 2.3.1. By Frequency Band
 - 2.3.2. By Platform
 - 2.3.3. By Application
- 2.4. Key Trends
- 2.5. Recession Impact
- 2.6. Analyst Recommendation & Conclusion

CHAPTER 3. EUROPE AIRBORNE FIRE CONTROL RADAR MARKET DYNAMICS

- 3.1. Market Drivers
- 3.2. Market Challenges
- 3.3. Market Opportunities

CHAPTER 4. EUROPE AIRBORNE FIRE CONTROL RADAR 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. EUROPE AIRBORNE FIRE CONTROL RADAR MARKET SIZE & FORECASTS BY FREQUENCY BAND 2022-2032

- 5.1. L And S-Band
- 5.2. X-Band
- 5.3. Ku/K/Ka-Band

CHAPTER 6. EUROPE AIRBORNE FIRE CONTROL RADAR MARKET SIZE & FORECASTS BY PLATFORM 2022-2032

- 6.1. Fighter Jets

6.2. Combat Helicopters

6.3. Others

CHAPTER 7. EUROPE AIRBORNE FIRE CONTROL RADAR MARKET SIZE & FORECASTS BY APPLICATION 2022-2032

7.1. Air To Ground

7.2. Air To Sea

7.3. Air To Air

CHAPTER 8. EUROPE AIRBORNE FIRE CONTROL RADAR MARKET SIZE & FORECASTS BY COUNTRY 2022-2032

8.1. U.K. Airborne Fire Control Radar Market

8.1.1. Frequency Band breakdown size & forecasts, 2022-2032

8.1.2. Platform breakdown size & forecasts, 2022-2032

8.1.3. Application breakdown size & forecasts, 2022-2032

8.2. Germany Airborne Fire Control Radar Market

8.3. France Airborne Fire Control Radar Market

8.4. Spain Airborne Fire Control Radar Market

8.5. Italy Airborne Fire Control Radar Market

8.6. Rest of Europe Airborne Fire Control Radar Market

CHAPTER 9. COMPETITIVE INTELLIGENCE

9.1. Key Company SWOT Analysis

9.1.1. Company

9.1.2. Company

9.1.3. Company

9.2. Top Market Strategies

9.3. Company Profiles

9.3.1. Hensoldt AG

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. Thales Group

9.3.3. BAE Systems Plc

9.3.4. Leonardo S.p.A.

9.3.5. Saab AB

9.3.6. Company

9.3.7. Company

9.3.8. Company

9.3.9. Company

9.3.10. Company

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. Europe Airborne Fire Control Radar market, report scope

TABLE 2. Europe Airborne Fire Control Radar market estimates & forecasts by Country 2022-2032 (USD Million)

TABLE 3. Europe Airborne Fire Control Radar market estimates & forecasts by Frequency Band 2022-2032 (USD Million)

TABLE 4. Europe Airborne Fire Control Radar market estimates & forecasts by Platform 2022-2032 (USD Million)

TABLE 5. Europe Airborne Fire Control Radar market estimates & forecasts by Application 2022-2032 (USD Million)

TABLE 6. Europe Airborne Fire Control Radar market by segment, estimates & forecasts, 2022-2032 (USD Million)

TABLE 7. Europe Airborne Fire Control Radar market by country, estimates & forecasts, 2022-2032 (USD Million)

TABLE 8. Europe Airborne Fire Control Radar market by segment, estimates & forecasts, 2022-2032 (USD Million)

TABLE 9. Europe Airborne Fire Control Radar market by country, estimates & forecasts, 2022-2032 (USD Million)

TABLE 10. Europe Airborne Fire Control Radar market by segment, estimates & forecasts, 2022-2032 (USD Million)

TABLE 11. Europe Airborne Fire Control Radar market by country, estimates & forecasts, 2022-2032 (USD Million)

TABLE 12. Europe Airborne Fire Control Radar market by segment, estimates & forecasts, 2022-2032 (USD Million)

TABLE 13. Europe Airborne Fire Control Radar market by country, estimates & forecasts, 2022-2032 (USD Million)

TABLE 14. Europe Airborne Fire Control Radar market by segment, estimates & forecasts, 2022-2032 (USD Million) Europe Airborne Fire Control Radar market by country, estimates & forecasts, 2022-2032 (USD Million)

TABLE 15. UK Airborne Fire Control Radar market estimates & forecasts, 2022-2032 (USD Million)

TABLE 16. UK Airborne Fire Control Radar market estimates & forecasts by segment 2022-2032 (USD Million)

TABLE 17. UK Airborne Fire Control Radar market estimates & forecasts by segment 2022-2032 (USD Million)

TABLE 18. Germany Airborne Fire Control Radar market estimates & forecasts,

2022-2032 (USD Million)

TABLE 19. Germany Airborne Fire Control Radar market estimates & forecasts by segment 2022-2032 (USD Million)

TABLE 20. Germany Airborne Fire Control Radar market estimates & forecasts by segment 2022-2032 (USD Million)

TABLE 21. France Airborne Fire Control Radar market estimates & forecasts, 2022-2032 (USD Million)

TABLE 22. France Airborne Fire Control Radar market estimates & forecasts by segment 2022-2032 (USD Million)

TABLE 23. France Airborne Fire Control Radar market estimates & forecasts by segment 2022-2032 (USD Million)

TABLE 24. Italy Airborne Fire Control Radar market estimates & forecasts, 2022-2032 (USD Million)

TABLE 25. Italy Airborne Fire Control Radar market estimates & forecasts by segment 2022-2032 (USD Million)

TABLE 26. Italy Airborne Fire Control Radar market estimates & forecasts by segment 2022-2032 (USD Million)

TABLE 27. Spain Airborne Fire Control Radar market estimates & forecasts, 2022-2032 (USD Million)

TABLE 28. Spain Airborne Fire Control Radar market estimates & forecasts by segment 2022-2032 (USD Million)

TABLE 29. Spain Airborne Fire Control Radar market estimates & forecasts by segment 2022-2032 (USD Million)

TABLE 30. RoE Airborne Fire Control Radar market estimates & forecasts, 2022-2032 (USD Million)

TABLE 31. RoE Airborne Fire Control Radar market estimates & forecasts by segment 2022-2032 (USD Million)

TABLE 32. RoE Airborne Fire Control Radar market estimates & forecasts by segment 2022-2032 (USD Million)

TABLE 33. List of secondary sources, used in the study of Europe Airborne Fire Control Radar Market.

TABLE 34. List of primary sources, used in the study of Europe Airborne Fire Control Radar Market.

TABLE 35. Years considered for the study.

TABLE 36. Exchange rates considered.

List Of Figures

LIST OF FIGURES

- FIG 1. Europe Airborne Fire Control Radar market, research methodology
- FIG 2. Europe Airborne Fire Control Radar market, market estimation techniques
- FIG 3. Europe market size estimates & forecast methods.
- FIG 4. Europe Airborne Fire Control Radar market, key trends 2023
- FIG 5. Europe Airborne Fire Control Radar market, growth prospects 2022-2032
- FIG 6. Europe Airborne Fire Control Radar market, porters 5 force model
- FIG 7. Europe Airborne Fire Control Radar market, pestel analysis
- FIG 8. Europe Airborne Fire Control Radar market, value chain analysis
- FIG 9. Europe Airborne Fire Control Radar market by segment, 2022 & 2032 (USD Million)
- FIG 10. Europe Airborne Fire Control Radar market by segment, 2022 & 2032 (USD Million)
- FIG 11. Europe Airborne Fire Control Radar market by segment, 2022 & 2032 (USD Million)
- FIG 12. Europe Airborne Fire Control Radar market by segment, 2022 & 2032 (USD Million)
- FIG 13. Europe Airborne Fire Control Radar market by segment, 2022 & 2032 (USD Million)
- FIG 14. Europe Airborne Fire Control Radar market, Country snapshot 2022 & 2032
- FIG 15. Europe Airborne Fire Control Radar market 2022 & 2032 (USD Million)
- FIG 16. Europe Airborne Fire Control Radar market, company market share analysis (2023)

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