Europe Airborne Pods Market Forecast to 2030 - Regional Analysis - by Aircraft Type (Combat Aircraft, Helicopters, UAVs, and Others), Pod Type (ISR, Targeting, and Countermeasure), Sensor Technology (EOIR, EWEA, and IRCM), and Range (Short, Long, and Intermediate)

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Abstracts

The Europe airborne pods market is expected to grow from US$ 646.76 million in 2022 to US$ 934.67 million by 2030. It is estimated to record a CAGR of 4.7% from 2022 to 2030.

Deployment of Airborne Pods in Unmanned Aerial Vehicles (UAVs) Drive Europe Airborne Pods Market

The increasing application of unmanned aerial vehicles for various purposes, including weapon delivery, surveillance, and disruption, boosts the demand for airborne pods. Navigation, communication, and surveillance systems are crucial in detecting and tracking UAVs and providing early warning and situational awareness. The increasing adoption of UAVs requires advanced airborne pods with improved detection capabilities to counter the airborne or ground-based threats effectively. As the threat from UAVs becomes more evident, governments and defense organizations worldwide prioritize developing and acquiring communication and surveillance defense systems to counter this evolving threat.

Europe Airborne Pods Market Overview

Europe is one of the major regions across the globe in terms of advancements in the

defense sector. The rising geopolitical volatility among countries such as Ukraine and Russia drive the demand for strong and advanced aerial detection, identification, recognition, communication, and targeting sensors in the Air Force. Germany, Russia, France, Italy, and the UK are the leading countries across the region in terms of military expenditure. The proliferation of modernized and upgraded sensors and cameras for detecting missiles, focusing on target areas, and capturing clear images is one of the major trends in the airborne pods market. Moreover, the increasing integration of countermeasure systems into fighter aircrafts to combat airborne attacks is one of the key driving factors for the airborne pods market. The growing defense budget allocation in Russia, the UK, France, and Italy signifies the governmental focus on technological advancement in the air defense sector. In Central Europe, Poland, Romania, Hungary, and Slovakia are a few of the prominent countries that considerably contributed to the military expenditure in 2022. In Eastern Europe, Russia and Ukraine are the foremost countries contributing to the rising defense sector spending. In Western Europe, the UK, Italy, France, Germany, Spain, and the Netherlands are key countries focusing on military expenditure. In 2022, Russia's military expenditure was US$ 86,373 million, while the UK's defense expenditure was US$ 68,462 million. In addition, Germany's and France's military expenditures were US$ 55,759.7 million and US$ 53,638.7 million in 2022, respectively. Apart from ground-based and naval platforms, the military expenditure also caters to technological development in communication, telemetry, countermeasure, and navigation equipment for airborne platforms. In 2023, Europe accounted for 8,793 units of military aircraft fleets. The growing number of defense aircraft helicopters and deployment of unmanned aerial vehicles are also anticipated to boost the application of airborne pods in Europe in the coming years.

Furthermore, the invasion of Ukraine had a direct impact on military expenditure decisions in Western & Central Europe. This comprised multi-year development plans to improve expenditure from several governments to reinforce the defense security. Strengthening the security forces with the use of advanced technology devices that improve aerial threat detection, along with taking measures to combat airborne attacks, are a few factors boosting the demand for airborne pods in Europe.

Europe Airborne Pods Market Revenue and Forecast to 2030 (US$ Million)

Europe Airborne Pods Market Segmentation

The Europe airborne pods market is segmented into aircraft type, pod type, sensor technology, range, and country.

Based on aircraft type, the Europe airborne pods market is segmented into combat aircraft, helicopter, UAVs, and others. The combat aircraft segment held the largest share of the Europe airborne pods market in 2022.

In terms of pod type, the Europe airborne pods market is segmented into ISR, targeting, and self-protection/countermeasure. The ISR segment held the largest share of the Europe airborne pods market in 2022.

Based on sensor technology, the Europe airborne pods market is segmented into EOIR, EWEA, and IRCM. The EOIR segment held the largest share of the Europe airborne pods market in 2022.

In terms of range, the Europe airborne pods market is segmented into short range, intermediate range, and long range. The long-range segment held the largest share of the Europe airborne pods market in 2022.

Based on country, the Europe airborne pods market is segmented into Germany, France, Italy, the UK, Russia, and the Rest of Europe. Russia dominated the Europe airborne pods market in 2022.

BAE Systems Plc, L3Harris Technologies Inc, Lockheed Martin Corp, Northrop Grumman Corp, Saab AB, Terma AS, Thales SA, Ultra-Electronics Holdings Ltd, and Raytheon Technologies Corp are some of the leading companies operating in the Europe airborne pods market.

Contents

9. EUROPE AIRBORNE PODS MARKET ANALYSIS - SENSOR TECHNOLOGY

10. EUROPE AIRBORNE PODS MARKET ANALYSIS - RANGE

11. EUROPE AIRBORNE PODS MARKET - COUNTRY ANALYSIS

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List Of Tables

LIST OF TABLES

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