

Asia Pacific 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 Asia Pacific airborne pods market is expected to grow from US\$ 616.08 million in 2022 to US\$ 1,033.28 million by 2030. It is estimated to record a CAGR of 6.7% from 2022 to 2030.

Growing Occurrences of Unstable Geopolitical Scenario and Advent of Advanced Warfare Technologies Drive Asia Pacific Airborne Pods Market

The growing unstable geopolitical scenario worldwide is boosting the demand for advanced sensors, lasers, and self-protection countermeasure systems. The unstable geopolitical occurrences, such as wars between nations, are jeopardizing common life and increasing the national security threat and uncertainties; hence, there is a growing focus on strengthening the defense forces to combat such situations. Advanced intelligence, surveillance, and target systems facilitate the development of a complete and accurate analysis, aiding more precise threat assessments and target encounters. Advanced warfare scenarios emphasize heightened situational awareness, integrated defense systems, improved target engagement, electronic warfare capabilities, and compliance with evolving threats. Thus, the rising adoption of advanced warfare devices and equipment further drives the development of airborne pods to meet advanced battlefield conditions. Moreover, many companies across the globe are focusing on investing in advanced helicopters and unmanned aerial vehicles equipped with airborne

Pods and devices to tackle modern warfare. Thus, the growing instances of unstable geopolitical scenarios and the proliferation of modern warfare technologies drive the airborne pods market.

Asia Pacific Airborne Pods Market Overview

India, Australia, China, Japan, and South Korea are major markets for airborne pods in Asia Pacific. Growing focus on national security and increasing governmental initiatives toward boosting the development of the Air Force security infrastructure are a few factors boosting the demand for airborne pods in Asia Pacific. In 2020, the military expenditure was US\$ 497.4 billion, which increased to US\$ 549.7 billion in 2021. In 2022, Asia Pacific's military expenditure was US\$ 541.5 billion. In 2022, China dominated military expenditure in the region, followed by India and South Korea. Most military expenditure is dedicated to catering to the requirement for modernized equipment, devices, aircraft, ships, and armored vehicles during modern war. Countries are focusing on advancing their military aircraft with new high-end aircraft equipped with the latest sensors and trackers while replacing the old aircraft.

With each year, the need for advanced and more skilled equipment and aircraft is increasing to manage modern battlefield needs. For instance, in 2023, the People's Liberation Army Air Force announced its plan to increase the number of combat aircraft in its inventory. It also integrates air-to-air missiles and develops a high-end air-to-surface stand-off weapon to further strengthen the defense force in China. In 2023, Korea Aerospace Industries introduced the KF-21 Boramae fighter jet prototype and advanced the development of the KAI Light Armed Helicopter. The Air Force is anticipated to procure 40 KF-21s by 2028, with strategies focused on getting an additional 80 jets into operation by 2032.

In 2023, Asia Pacific accounted for 11,646 units of military aircraft fleets. The airborne pods have potential applications in fighter jets, helicopters, and aircraft for facilitating stable aerial detection, recognition, tracking, identification, image capturing, communication, navigation, surveillance, and countermeasures. Growing war-like situations boost the demand for airborne pods in Asia Pacific.

Asia Pacific Airborne Pods Market Revenue and Forecast to 2030 (US\$ Million)

Asia Pacific Airborne Pods Market Segmentation

The Asia Pacific airborne pods market is segmented into aircraft type, pod type, sensor

technology, range, and country.

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

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

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

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

Based on country, the Asia Pacific airborne pods market is segmented into Australia, China, India, Japan, South Korea, and the Rest of Asia Pacific. China dominated the Asia Pacific 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 Asia Pacific airborne pods market.

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