

# Global Aircraft Arresting System Market 2024 by Company, Regions, Type and Application, Forecast to 2030

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## Abstracts

According to our (Global Info Research) latest study, the global Aircraft Arresting System market size was valued at USD 768.4 million in 2023 and is forecast to a readjusted size of USD 974 million by 2030 with a CAGR of 3.4% during review period.

Aircraft Arresting System is a mechanical system used to rapidly decelerate an aircraft as it lands. Typical systems consist of several steel wire ropes laid across the aircraft landing area, designed to be caught by an aircraft's tailhook. During a normal arrestment, the tailhook engages the wire and the aircraft's kinetic energy is transferred to hydraulic damping systems attached below the carrier deck. There are other related systems which use nets to catch aircraft wings or landing gear. These barricade and barrier systems are only used for emergency arrestments for aircraft without operable tailhooks

Among types, the Engineered Material Arresting System (EMAS) segment is projected to grow at the highest CAGR during the forecast period; the cable segment is projected to lead the market during the forecast period. Factors such as mandatory installation of EMAS at airports having runway safety length less than 1,000 feet and increasing spending on runway safety measures are expected to drive the market.

The Global Info Research report includes an overview of the development of the Aircraft Arresting System industry chain, the market status of Commercial Airport (Net Barrier, Cable), Military Airbase (Net Barrier, Cable), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Aircraft Arresting System.

Regionally, the report analyzes the Aircraft Arresting System markets in key regions. North America and Europe are experiencing steady growth, driven by government initiatives and increasing consumer awareness. Asia-Pacific, particularly China, leads the global Aircraft Arresting System market, with robust domestic demand, supportive policies, and a strong manufacturing base.

#### Key Features:

The report presents comprehensive understanding of the Aircraft Arresting System market. It provides a holistic view of the industry, as well as detailed insights into individual components and stakeholders. The report analysis market dynamics, trends, challenges, and opportunities within the Aircraft Arresting System industry.

The report involves analyzing the market at a macro level:

**Market Sizing and Segmentation:** Report collect data on the overall market size, including the revenue generated, and market share of different by Type (e.g., Net Barrier, Cable).

**Industry Analysis:** Report analyse the broader industry trends, such as government policies and regulations, technological advancements, consumer preferences, and market dynamics. This analysis helps in understanding the key drivers and challenges influencing the Aircraft Arresting System market.

**Regional Analysis:** The report involves examining the Aircraft Arresting System market at a regional or national level. Report analyses regional factors such as government incentives, infrastructure development, economic conditions, and consumer behaviour to identify variations and opportunities within different markets.

**Market Projections:** Report covers the gathered data and analysis to make future projections and forecasts for the Aircraft Arresting System market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to Aircraft Arresting System:

**Company Analysis:** Report covers individual Aircraft Arresting System players, suppliers, and other relevant industry players. This analysis includes studying their financial performance, market positioning, product portfolios, partnerships, and

strategies.

**Consumer Analysis:** Report covers data on consumer behaviour, preferences, and attitudes towards Aircraft Arresting System. This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Commercial Airport, Military Airbase).

**Technology Analysis:** Report covers specific technologies relevant to Aircraft Arresting System. It assesses the current state, advancements, and potential future developments in Aircraft Arresting System areas.

**Competitive Landscape:** By analyzing individual companies, suppliers, and consumers, the report presents insights into the competitive landscape of the Aircraft Arresting System market. This analysis helps understand market share, competitive advantages, and potential areas for differentiation among industry players.

**Market Validation:** The report involves validating findings and projections through primary research, such as surveys, interviews, and focus groups.

## Market Segmentation

Aircraft Arresting System market is split by Type and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of value.

### Market segment by Type

Net Barrier

Cable

Mobile Aircraft Arresting System(MAAS)

Engineered Material Arresting System(EMAS)

Aircraft Carrier Arresting System

### Market segment by Application

Commercial Airport

Military Airbase

Aircraft Carrier

Market segment by players, this report covers

General Atomics

Zodiac Aerospace

Scama

Aries Test Systems and Instrumentation

Atech

A-Laskuvarjo

Escribano Mechanical & Engineering

Victor Balata Belting Company

Foster-Miller

Curtiss-Wright

Wire Rope Industries

Wireco Worldgroup

Runway Safe

Market segment by regions, regional analysis covers

North America (United States, Canada, and Mexico)

Europe (Germany, France, UK, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, South Korea, India, Southeast Asia, Australia and Rest of Asia-Pacific)

South America (Brazil, Argentina and Rest of South America)

Middle East & Africa (Turkey, Saudi Arabia, UAE, Rest of Middle East & Africa)

The content of the study subjects, includes a total of 13 chapters:

Chapter 1, to describe Aircraft Arresting System product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top players of Aircraft Arresting System, with revenue, gross margin and global market share of Aircraft Arresting System from 2019 to 2024.

Chapter 3, the Aircraft Arresting System competitive situation, revenue and global market share of top players are analyzed emphatically by landscape contrast.

Chapter 4 and 5, to segment the market size by Type and application, with consumption value and growth rate by Type, application, from 2019 to 2030.

Chapter 6, 7, 8, 9, and 10, to break the market size data at the country level, with revenue and market share for key countries in the world, from 2019 to 2024. and Aircraft Arresting System market forecast, by regions, type and application, with consumption value, from 2025 to 2030.

Chapter 11, market dynamics, drivers, restraints, trends and Porters Five Forces analysis.

Chapter 12, the key raw materials and key suppliers, and industry chain of Aircraft Arresting System.

Chapter 13, to describe Aircraft Arresting System research findings and conclusion.

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