

# **Aircraft Braking System Market Size, Share, and Analysis, By Aircraft Type (Fixed Wing, Rotary Wing and Unmanned aerial vehicles), By Actuation (Power Brake, Boosted Brake, and Independent Brake), By Component (Wheels, Brake Discs, Brake Housing, Valves, Actuators, Accumulators and Electronics) and By Distribution (OEM and Replacement) and Regional Forecasts, 2022-2032**

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## **Abstracts**

Aircraft Braking System Market Size, Share, and Analysis, By Aircraft Type (Fixed Wing, Rotary Wing and Unmanned aerial vehicles), By Actuation (Power Brake, Boosted Brake, and Independent Brake), By Component (Wheels, Brake Discs, Brake Housing, Valves, Actuators, Accumulators and Electronics) and By Distribution (OEM and Replacement) and Regional Forecasts, 2022-2032

### **PRODUCT OVERVIEW:**

The Aircraft Braking System market size was USD 9.76 billion in 2021 and projected to grow from USD 10.6 billion in 2023 to USD 15.1 billion by 2032, exhibiting a CAGR of 4% during theThe Aircraft Braking System market size was USD 9.76 billion forecast period.

Aircraft Braking System is used to reduce the speed of aircraft during landing on the runway. It is an essential component to ensure safety and control of the directional of an aircraft during ground operations like landing, take-off & taxiing. The introduction of Aircraft Braking System needs an extensive engineering. Aircraft brakes are operated

through hydraulically or pneumatically, disc. Several new variations of aircraft brake systems were designed like single, dual and multiple disc, and rotor-disc brakes. Perfectly designed aircraft brake system can withstand unfavorable conditions and resist the plane from accidents. Majority of aircraft brake systems are made as per fixed standards.

## MARKET HIGHLIGHTS

Aircraft Braking System Market is expected to project a CAGR of 4% during the forecast period, 2022-2032

The Aircraft Braking System Market is expected to reach USD 15.1 billion at a CAGR of 4% during forecast period. Market growth is driven by factors like increasing focus on safety of an airplane during various operations like landing, take-off and taxiing, increase in commercial aircraft operating industry & increase production of planes due to increased air traffic globally. Technological improvements in aircraft braking components, like integrated self-powered brake systems, is driving market revenue growth.

## AIRCRAFT BRAKING SYSTEM MARKET SEGMENTATION:

Fixed Wing segment is expected to grow with high CAGR during the forecast period

Aircraft Braking System Market is classified based on the Aircraft type into Fixed Wing, Rotary Wing and Unmanned aerial vehicles. The Fixed Wing segment is expected to account for largest share during the forecast period. A fixed-wing aircraft has wings which are static, do not move and is propelled by a propeller. These are frequently utilized for longer trips than other aircraft owing to the ability to travel longer distance without refueling. Brake system has an anti-skidding control feature, to adjust brake pressure in accordance with runway apparent condition which ensures that the aircraft is at multiple runways and protects against pollution which could compromise safety and reliability.

Power Brake segment is expected to grow with high CAGR during 2022-2032

## MARKET DYNAMICS:

### Growth Drivers

Increased Air Traffic is Expected to Boost the Growth of the Market

Technological Improvements is Expected to Boost the Growth of the Market

Restraint

Stringent Regulatory Norms May Restrain the Market Growth

## AIRCRAFT BRAKING SYSTEM MARKET\_KEY PLAYERS

Safran

Meggitt PLC

Beringer Aero

Collins Aerospace

Honeywell International, Inc.

Jay-Em Aerospace

Matco MFG

Grove Aircraft Braking Systems Inc.

Crane Holdings, Co.

Parker-Hannifin Corp

Other Prominent Players

(Company Overview, Business Strategy, Key Product Offerings, Financial Performance, Key Performance Indicators, Risk Analysis, Recent Development, Regional Presence, SWOT Analysis)

## REGIONAL ANALYSIS

Aircraft Braking System Market is segmented based on regional analysis into five major regions: North America, Latin America, Europe, Asia Pacific and the Middle East and Africa. North America market is expected to account for largest share during the forecast period owing to increasing aerospace mergers & various activities by key market players. Asia Pacific market is expected to register fastest CAGR owing to increasing activities by key market players. Anti-Skid Braking System will improve operations at airports having short runways. Hence, increasing activities by market players is leading to an increased demand for aircraft braking system, which is expected to drive market revenue growth.

AIRCRAFT BRAKING SYSTEM MARKET REPORT ALSO CONTAINS ANALYSIS ON:

Aircraft Braking System Market Segments:

By Aircraft Type

Fixed Wing

Rotary Wing

Unmanned aerial vehicles

By Actuation

Power Brake

Boosted Brake

Independent Brake

By Component

Wheels

Brake Discs

Brake Housing

Valves

Actuators

Accumulators

Electronics

By Distribution

OEM

Replacement

Aircraft Braking System Market Dynamics

Aircraft Braking System Market Size

Supply & Demand

Current Trends/Issues/Challenges

Competition & Companies Involved in the Market

Value Chain of the Market

Market Drivers and Restraints

## Reasons to Purchase this Report

Qualitative and quantitative analysis of the market based on segmentation involving both economic as well as non-economic factors

Provision of market value (USD Billion) data for each segment and sub-segment

Indicates the region and segment that is expected to witness the fastest growth as well as to dominate the market

Analysis by geography highlighting the consumption of the product/service in the region as well as indicating the factors that are affecting the market within each region

Competitive landscape which incorporates the market ranking of the major players, along with new service/product launches, partnerships, business expansions, and acquisitions in the past five years of companies profiled

Extensive company profiles comprising of company overview, company insights, product benchmarking, and SWOT analysis for the major market players

The current as well as the future market outlook of the industry with respect to recent developments which involve growth opportunities and drivers as well as challenges and restraints of both emerging as well as developed regions

Includes in-depth analysis of the market of various perspectives through Porter's five forces analysis

Provides insight into the market through Value Chain

Market dynamics scenario, along with growth opportunities of the market in the years to come

3-month post-sales analyst support.

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