

Aircraft Evacuation Slide Market ? Global Industry Size, Share, Trends, Opportunity, and Forecast, Segmented By Aircraft Type (Narrow-body Aircraft, Wide-Body Aircraft, Regional Aircraft, Business Aircraft), By Demand Category (OEM vs Replacement), By Region & Competition, 2021-2031F

<https://marketpublishers.com/r/AEBF26F20C01EN.html>

Date: January 2026

Pages: 180

Price: US\$ 4,500.00 (Single User License)

ID: AEBF26F20C01EN

Abstracts

The Global Aircraft Evacuation Slide Market is projected to expand from USD 1.82 Billion in 2025 to USD 2.68 Billion by 2031, reflecting a compound annual growth rate of 6.66%. Evacuation slides are mandatory inflatable safety devices installed on military and commercial aircraft to ensure the rapid and safe exit of passengers during land or water emergencies. Key growth drivers include rigorous safety regulations mandated by aviation authorities and the ongoing modernization of airline fleets to meet increasing travel demand. Data from the International Air Transport Association indicates that global passenger traffic rose by 10.4 percent in 2024 compared to the previous year, exceeding pre-pandemic levels. This strong recovery in air travel requires higher aircraft utilization rates and frequent maintenance of critical safety systems, directly fueling the demand for evacuation equipment.

Despite this positive growth trajectory, the market encounters a major obstacle regarding supply chain interruptions that impact the availability of specialized raw materials required for slide manufacturing. These logistical bottlenecks result in production delays and escalated costs for manufacturers, potentially compromising their ability to fulfill timely delivery obligations to aircraft OEMs and airline operators. Such supply chain constraints could slow the pace of market expansion if raw material shortages persist or if global logistics remain unstable.

Market Driver

The growth of commercial aircraft fleets and the influx of new deliveries act as a primary catalyst for the aircraft evacuation slide market. As airlines work to satisfy renewed travel demand, original equipment manufacturers are ramping up production, necessitating the procurement of evacuation systems for every new airframe entering service. This direct link between aircraft production and safety equipment installation guarantees a steady flow of orders, as these critical devices must be installed prior to certification. In its 'Full Year 2023 Orders and Deliveries' press release from January 2024, Airbus reported delivering 735 commercial aircraft in 2023, highlighting the immediate need for integrated safety apparatuses. Furthermore, Boeing's 'Commercial Market Outlook 2024-2043' from July 2024 estimates a requirement for 43,975 new commercial airplane deliveries through 2043, ensuring long-term hardware demand.

Simultaneously, the increasing demand for aftermarket maintenance, repair, and overhaul services plays a significant role in market dynamics. Evacuation slides have a limited service life and are subject to strict mandatory testing schedules, requiring frequent deployment checks and repacking to meet airworthiness directives. As existing fleets age and flight cycles accumulate, the frequency of these service events increases, generating recurring revenue for component suppliers and maintenance facilities. This segment is further supported by substantial financial allocations from operators dedicated to maintaining operational integrity and regulatory compliance. The International Air Transport Association's 'Airline Industry Economic Performance' update from June 2024 projects global airline operating expenses to reach \$936 billion in 2024, reflecting the heavy capital commitment needed for essential maintenance activities and safety system upkeep.

Market Challenge

Supply chain disruptions affecting the availability of specialized raw materials present a critical challenge to the Global Aircraft Evacuation Slide Market. Manufacturers rely on industrial-grade fabrics and specific inflation components to produce these mandatory safety devices. When logistical delays retard the arrival of these essential inputs, production lines stall, preventing manufacturers from adhering to strict delivery deadlines. This volatility compels companies to incur higher operational costs to expedite shipments or secure alternative sources, which effectively erodes profit margins and hinders the ability to capitalize on rising fleet modernization needs.

These material shortages have a direct impact on wider aerospace production, as

delays in component integration halt final aircraft assembly. Since an aircraft cannot be certified for service without functional evacuation systems, shortages of slides contribute to broader fleet delivery delays. According to the International Air Transport Association, the backlog of unfulfilled commercial aircraft orders reached a record high of over 17,000 units in 2024 due to these persistent supply chain constraints. This massive volume of pending orders demonstrates how supply chain fragility limits the market from realizing its full revenue potential despite existing demand.

Market Trends

The adoption of lightweight polyether urethane materials is significantly transforming the market as airlines aggressively pursue weight reduction strategies to minimize fuel consumption. Manufacturers are shifting from traditional neoprene-coated fabrics to these advanced urethane compounds, which reduce the overall weight of evacuation systems without sacrificing durability or heat resistance. This material evolution is essential for operators aiming to meet strict sustainability targets while managing growing operational footprints. In its 'Chart of the Week - 2024 Aviation Emissions: Efficiency Gains vs. Rising Totals' from November 2025, the International Air Transport Association noted that net emissions from flight operations grew by 6.7 percent year-on-year in 2024, underscoring the urgent need for such weight-saving hardware innovations to curb environmental impact.

Concurrently, the market is witnessing a concerted effort toward extending maintenance intervals and service life cycles, driven by enhanced manufacturing quality and expanding MRO capabilities. This trend focuses on reducing aircraft downtime by prolonging the periods between mandatory slide deployments and overhauls, thereby optimizing fleet availability for commercial operators. Major component suppliers are investing heavily in specialized infrastructure to support these prolonged service regimes and ensure regulatory compliance for next-generation equipment. Aviation Week reported in September 2025 that Safran Aerosystems invested \$16 million to expand its dedicated maintenance facility in Cognac, France, directly addressing the industry's need for advanced, long-lifecycle support solutions.

Key Market Players

Collins Aerospace

Safran Aerosystems

EAM Worldwide

Tulmar Safety Systems Inc.

Legend Aerospace

Zodiac Aerospace

Switlik Parachute Co.

Trelleborg AB

GKN Aerospace

DART Aerospace

Report Scope

In this report, the Global Aircraft Evacuation Slide Market has been segmented into the following categories, in addition to the industry trends which have also been detailed below:

Aircraft Evacuation Slide Market, By Aircraft Type

Narrow-body Aircraft

Wide-Body Aircraft

Regional Aircraft

Business Aircraft

Aircraft Evacuation Slide Market, By Demand Category

OEM vs Replacement

Aircraft Evacuation Slide Market, By Region

North America

United States

Canada

Mexico

Europe

France

United Kingdom

Italy

Germany

Spain

Asia Pacific

China

India

Japan

Australia

South Korea

South America

Brazil

Argentina

Colombia

Middle East & Africa

South Africa

Saudi Arabia

UAE

Competitive Landscape

Company Profiles: Detailed analysis of the major companies present in the Global Aircraft Evacuation Slide Market.

Available Customizations:

Global Aircraft Evacuation Slide Market report with the given market data, TechSci Research offers customizations according to a company's specific needs. The following customization options are available for the report:

Company Information

Detailed analysis and profiling of additional market players (up to five).

Contents

1. PRODUCT OVERVIEW

- 1.1. Market Definition
- 1.2. Scope of the Market
 - 1.2.1. Markets Covered
 - 1.2.2. Years Considered for Study
 - 1.2.3. Key Market Segmentations

2. RESEARCH METHODOLOGY

- 2.1. Objective of the Study
- 2.2. Baseline Methodology
- 2.3. Key Industry Partners
- 2.4. Major Association and Secondary Sources
- 2.5. Forecasting Methodology
- 2.6. Data Triangulation & Validation
- 2.7. Assumptions and Limitations

3. EXECUTIVE SUMMARY

- 3.1. Overview of the Market
- 3.2. Overview of Key Market Segmentations
- 3.3. Overview of Key Market Players
- 3.4. Overview of Key Regions/Countries
- 3.5. Overview of Market Drivers, Challenges, Trends

4. VOICE OF CUSTOMER

5. GLOBAL AIRCRAFT EVACUATION SLIDE MARKET OUTLOOK

- 5.1. Market Size & Forecast
 - 5.1.1. By Value
- 5.2. Market Share & Forecast
 - 5.2.1. By Aircraft Type (Narrow-body Aircraft, Wide-Body Aircraft, Regional Aircraft, Business Aircraft)
 - 5.2.2. By Demand Category (OEM vs Replacement)
 - 5.2.3. By Region

- 5.2.4. By Company (2025)
- 5.3. Market Map

6. NORTH AMERICA AIRCRAFT EVACUATION SLIDE MARKET OUTLOOK

- 6.1. Market Size & Forecast
 - 6.1.1. By Value
- 6.2. Market Share & Forecast
 - 6.2.1. By Aircraft Type
 - 6.2.2. By Demand Category
 - 6.2.3. By Country
- 6.3. North America: Country Analysis
 - 6.3.1. United States Aircraft Evacuation Slide Market Outlook
 - 6.3.1.1. Market Size & Forecast
 - 6.3.1.1.1. By Value
 - 6.3.1.2. Market Share & Forecast
 - 6.3.1.2.1. By Aircraft Type
 - 6.3.1.2.2. By Demand Category
 - 6.3.2. Canada Aircraft Evacuation Slide Market Outlook
 - 6.3.2.1. Market Size & Forecast
 - 6.3.2.1.1. By Value
 - 6.3.2.2. Market Share & Forecast
 - 6.3.2.2.1. By Aircraft Type
 - 6.3.2.2.2. By Demand Category
 - 6.3.3. Mexico Aircraft Evacuation Slide Market Outlook
 - 6.3.3.1. Market Size & Forecast
 - 6.3.3.1.1. By Value
 - 6.3.3.2. Market Share & Forecast
 - 6.3.3.2.1. By Aircraft Type
 - 6.3.3.2.2. By Demand Category

7. EUROPE AIRCRAFT EVACUATION SLIDE MARKET OUTLOOK

- 7.1. Market Size & Forecast
 - 7.1.1. By Value
- 7.2. Market Share & Forecast
 - 7.2.1. By Aircraft Type
 - 7.2.2. By Demand Category
 - 7.2.3. By Country

7.3. Europe: Country Analysis

7.3.1. Germany Aircraft Evacuation Slide Market Outlook

7.3.1.1. Market Size & Forecast

7.3.1.1.1. By Value

7.3.1.2. Market Share & Forecast

7.3.1.2.1. By Aircraft Type

7.3.1.2.2. By Demand Category

7.3.2. France Aircraft Evacuation Slide Market Outlook

7.3.2.1. Market Size & Forecast

7.3.2.1.1. By Value

7.3.2.2. Market Share & Forecast

7.3.2.2.1. By Aircraft Type

7.3.2.2.2. By Demand Category

7.3.3. United Kingdom Aircraft Evacuation Slide Market Outlook

7.3.3.1. Market Size & Forecast

7.3.3.1.1. By Value

7.3.3.2. Market Share & Forecast

7.3.3.2.1. By Aircraft Type

7.3.3.2.2. By Demand Category

7.3.4. Italy Aircraft Evacuation Slide Market Outlook

7.3.4.1. Market Size & Forecast

7.3.4.1.1. By Value

7.3.4.2. Market Share & Forecast

7.3.4.2.1. By Aircraft Type

7.3.4.2.2. By Demand Category

7.3.5. Spain Aircraft Evacuation Slide Market Outlook

7.3.5.1. Market Size & Forecast

7.3.5.1.1. By Value

7.3.5.2. Market Share & Forecast

7.3.5.2.1. By Aircraft Type

7.3.5.2.2. By Demand Category

8. ASIA PACIFIC AIRCRAFT EVACUATION SLIDE MARKET OUTLOOK

8.1. Market Size & Forecast

8.1.1. By Value

8.2. Market Share & Forecast

8.2.1. By Aircraft Type

8.2.2. By Demand Category

8.2.3. By Country

8.3. Asia Pacific: Country Analysis

8.3.1. China Aircraft Evacuation Slide Market Outlook

8.3.1.1. Market Size & Forecast

8.3.1.1.1. By Value

8.3.1.2. Market Share & Forecast

8.3.1.2.1. By Aircraft Type

8.3.1.2.2. By Demand Category

8.3.2. India Aircraft Evacuation Slide Market Outlook

8.3.2.1. Market Size & Forecast

8.3.2.1.1. By Value

8.3.2.2. Market Share & Forecast

8.3.2.2.1. By Aircraft Type

8.3.2.2.2. By Demand Category

8.3.3. Japan Aircraft Evacuation Slide Market Outlook

8.3.3.1. Market Size & Forecast

8.3.3.1.1. By Value

8.3.3.2. Market Share & Forecast

8.3.3.2.1. By Aircraft Type

8.3.3.2.2. By Demand Category

8.3.4. South Korea Aircraft Evacuation Slide Market Outlook

8.3.4.1. Market Size & Forecast

8.3.4.1.1. By Value

8.3.4.2. Market Share & Forecast

8.3.4.2.1. By Aircraft Type

8.3.4.2.2. By Demand Category

8.3.5. Australia Aircraft Evacuation Slide Market Outlook

8.3.5.1. Market Size & Forecast

8.3.5.1.1. By Value

8.3.5.2. Market Share & Forecast

8.3.5.2.1. By Aircraft Type

8.3.5.2.2. By Demand Category

9. MIDDLE EAST & AFRICA AIRCRAFT EVACUATION SLIDE MARKET OUTLOOK

9.1. Market Size & Forecast

9.1.1. By Value

9.2. Market Share & Forecast

9.2.1. By Aircraft Type

- 9.2.2. By Demand Category
- 9.2.3. By Country
- 9.3. Middle East & Africa: Country Analysis
 - 9.3.1. Saudi Arabia Aircraft Evacuation Slide Market Outlook
 - 9.3.1.1. Market Size & Forecast
 - 9.3.1.1.1. By Value
 - 9.3.1.2. Market Share & Forecast
 - 9.3.1.2.1. By Aircraft Type
 - 9.3.1.2.2. By Demand Category
 - 9.3.2. UAE Aircraft Evacuation Slide Market Outlook
 - 9.3.2.1. Market Size & Forecast
 - 9.3.2.1.1. By Value
 - 9.3.2.2. Market Share & Forecast
 - 9.3.2.2.1. By Aircraft Type
 - 9.3.2.2.2. By Demand Category
 - 9.3.3. South Africa Aircraft Evacuation Slide Market Outlook
 - 9.3.3.1. Market Size & Forecast
 - 9.3.3.1.1. By Value
 - 9.3.3.2. Market Share & Forecast
 - 9.3.3.2.1. By Aircraft Type
 - 9.3.3.2.2. By Demand Category

10. SOUTH AMERICA AIRCRAFT EVACUATION SLIDE MARKET OUTLOOK

- 10.1. Market Size & Forecast
 - 10.1.1. By Value
- 10.2. Market Share & Forecast
 - 10.2.1. By Aircraft Type
 - 10.2.2. By Demand Category
 - 10.2.3. By Country
- 10.3. South America: Country Analysis
 - 10.3.1. Brazil Aircraft Evacuation Slide Market Outlook
 - 10.3.1.1. Market Size & Forecast
 - 10.3.1.1.1. By Value
 - 10.3.1.2. Market Share & Forecast
 - 10.3.1.2.1. By Aircraft Type
 - 10.3.1.2.2. By Demand Category
 - 10.3.2. Colombia Aircraft Evacuation Slide Market Outlook
 - 10.3.2.1. Market Size & Forecast

- 10.3.2.1.1. By Value
- 10.3.2.2. Market Share & Forecast
 - 10.3.2.2.1. By Aircraft Type
 - 10.3.2.2.2. By Demand Category
- 10.3.3. Argentina Aircraft Evacuation Slide Market Outlook
 - 10.3.3.1. Market Size & Forecast
 - 10.3.3.1.1. By Value
 - 10.3.3.2. Market Share & Forecast
 - 10.3.3.2.1. By Aircraft Type
 - 10.3.3.2.2. By Demand Category

11. MARKET DYNAMICS

- 11.1. Drivers
- 11.2. Challenges

12. MARKET TRENDS & DEVELOPMENTS

- 12.1. Merger & Acquisition (If Any)
- 12.2. Product Launches (If Any)
- 12.3. Recent Developments

13. GLOBAL AIRCRAFT EVACUATION SLIDE MARKET: SWOT ANALYSIS

14. PORTER'S FIVE FORCES ANALYSIS

- 14.1. Competition in the Industry
- 14.2. Potential of New Entrants
- 14.3. Power of Suppliers
- 14.4. Power of Customers
- 14.5. Threat of Substitute Products

15. COMPETITIVE LANDSCAPE

- 15.1. Collins Aerospace
 - 15.1.1. Business Overview
 - 15.1.2. Products & Services
 - 15.1.3. Recent Developments
 - 15.1.4. Key Personnel

- 15.1.5. SWOT Analysis
- 15.2. Safran Aerosystems
- 15.3. EAM Worldwide
- 15.4. Tulmar Safety Systems Inc.
- 15.5. Legend Aerospace
- 15.6. Zodiac Aerospace
- 15.7. Switlik Parachute Co.
- 15.8. Trelleborg AB
- 15.9. GKN Aerospace
- 15.10. DART Aerospace

16. STRATEGIC RECOMMENDATIONS

17. ABOUT US & DISCLAIMER

I would like to order

Product name: Aircraft Evacuation Slide Market ? Global Industry Size, Share, Trends, Opportunity, and Forecast, Segmented By Aircraft Type (Narrow-body Aircraft, Wide-Body Aircraft, Regional Aircraft, Business Aircraft), By Demand Category (OEM vs Replacement), By Region & Competition, 2021-2031F

Product link: <https://marketpublishers.com/r/AEBF26F20C01EN.html>

Price: US\$ 4,500.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/AEBF26F20C01EN.html>