

# Global Commercial Aircraft Landing Gear Market to Reach USD 56.73 Billion by 2032

<https://marketpublishers.com/r/G09D311BD4B5EN.html>

Date: March 2025

Pages: 285

Price: US\$ 3,218.00 (Single User License)

ID: G09D311BD4B5EN

## Abstracts

The Global Commercial Aircraft Landing Gear Market, valued at approximately USD 34.74 billion in 2023, is poised to experience a steady CAGR of 5.60% during the forecast period from 2024 to 2032. As the aviation industry continues its upward trajectory, fueled by escalating air passenger traffic, increasing fleet expansions, and advancements in aircraft technologies, landing gear systems have evolved into an essential component for ensuring aircraft safety, efficiency, and operational reliability. This vital system supports the aircraft during takeoff, landing, and ground operations, necessitating constant innovation and material advancements to meet the stringent performance and regulatory standards.

With rapid advancements in lightweight materials, including composites, titanium alloys, and high-strength steel, aircraft landing gear systems are becoming increasingly optimized for weight reduction and fuel efficiency, contributing to improved aerodynamics and operational performance. Moreover, the rising demand for next-generation commercial aircraft from leading aviation giants such as Boeing and Airbus is driving substantial investments in landing gear automation, integration of smart sensors, and predictive maintenance technologies. The integration of advanced braking systems and enhanced load-bearing capabilities further accentuates the significance of modernized landing gear solutions, streamlining aircraft operations and lifecycle efficiency.

Despite its promising growth trajectory, the market faces notable challenges, including high manufacturing and maintenance costs, stringent aviation safety regulations, and prolonged aircraft certification procedures. Furthermore, fluctuations in raw material prices and supply chain disruptions can exert pressure on industry players, impacting production cycles and profitability margins. However, ongoing R&D initiatives focused

on electric landing gear systems and sustainable, energy-efficient designs present lucrative opportunities for market expansion. The shift towards all-electric landing gear mechanisms is expected to revolutionize aircraft design by eliminating hydraulic systems, reducing maintenance complexities, and enhancing operational reliability.

Regionally, North America dominates the commercial aircraft landing gear market, driven by a well-established aerospace sector, extensive research and development activities, and the strong presence of major aircraft manufacturers and suppliers. The United States, in particular, remains a key contributor to market growth, with leading aerospace OEMs and MRO service providers investing heavily in advanced landing gear technologies. Meanwhile, Europe follows closely, with a growing emphasis on sustainable aviation solutions and next-generation aircraft development. Asia Pacific is expected to witness the fastest growth over the forecast period, propelled by rising air passenger traffic, increasing aircraft deliveries, and government-led initiatives to expand aviation infrastructure in countries like China and India. Emerging economies across Latin America and the Middle East & Africa are also witnessing increasing commercial aircraft acquisitions, further amplifying the demand for innovative landing gear solutions.

#### Major Market Players Included in This Report:

Safran Landing Systems

Collins Aerospace (Raytheon Technologies Corporation)

Liebherr Group

Heroux-Devtek Inc.

AAR Corporation

GKN Aerospace (Melrose Industries PLC)

Magellan Aerospace Corporation

Eaton Corporation

Triumph Group, Inc.

Meggitt PLC

SPP Canada Aircraft, Inc.

Sumitomo Precision Products Co., Ltd.

CIRCOR International, Inc.

Honeywell International Inc.

Moog Inc.

The Detailed Segments and Sub-Segments of the Market Are Explained Below:

By Gear Position:

Main Landing

Nose Landing

By Component:

Actuators

Braking Systems

Shock Absorbers

Steering Systems

Others

By Aircraft Type:

Narrow-Body Aircraft

Wide-Body Aircraft

Regional Aircraft

Business Jets

By Arrangement Type:

Tricycle

Tandem

Tailwheel

By Region:

North America:

U.S.

Canada

Europe:

UK

Germany

France

Spain

Italy

Rest of Europe

Asia Pacific:

China

India

Japan

Australia

South Korea

Rest of Asia Pacific

Latin America:

Brazil

Mexico

Rest of Latin America

Middle East & Africa:

Saudi Arabia

South Africa

Rest of MEA

Years Considered for the Study:

Historical Year: 2022

Base Year: 2023

Forecast Period: 2024-2032

**Key Takeaways:**

Market Estimates & Forecasts for 10 years from 2022 to 2032.

Annualized revenue analysis and regional-level market segmentation.

Country-level insights covering major regions across the globe.

Competitive landscape evaluation, including company profiles and strategic market positioning.

Emerging market trends and key investment opportunities for stakeholders.

Comprehensive analysis of the industry's supply-demand dynamics and future growth potential.

## Contents

### **CHAPTER 1. GLOBAL COMMERCIAL AIRCRAFT LANDING GEAR MARKET EXECUTIVE SUMMARY**

- 1.1. Global Commercial Aircraft Landing Gear Market Size & Forecast (2022-2032)
- 1.2. Regional Summary
- 1.3. Segmental Summary
  - 1.3.1. By Gear Position
  - 1.3.2. By Component
  - 1.3.3. By Aircraft Type
  - 1.3.4. By Arrangement Type
- 1.4. Key Trends
- 1.5. Recession Impact
- 1.6. Analyst Recommendation & Conclusion

### **CHAPTER 2. GLOBAL COMMERCIAL AIRCRAFT LANDING GEAR MARKET DEFINITION AND RESEARCH ASSUMPTIONS**

- 2.1. Research Objective
- 2.2. Market Definition
- 2.3. Research Assumptions
  - 2.3.1. Inclusion & Exclusion
  - 2.3.2. Limitations
  - 2.3.3. Supply Side Analysis
    - 2.3.3.1. Availability
    - 2.3.3.2. Infrastructure
    - 2.3.3.3. Regulatory Environment
    - 2.3.3.4. Market Competition
    - 2.3.3.5. Economic Viability (Consumer's Perspective)
  - 2.3.4. Demand Side Analysis
    - 2.3.4.1. Regulatory Frameworks
    - 2.3.4.2. Technological Advancements
    - 2.3.4.3. Environmental Considerations
    - 2.3.4.4. Consumer Awareness & Acceptance
- 2.4. Estimation Methodology
- 2.5. Years Considered for the Study
- 2.6. Currency Conversion Rates

## **CHAPTER 3. GLOBAL COMMERCIAL AIRCRAFT LANDING GEAR MARKET DYNAMICS**

### **3.1. Market Drivers**

- 3.1.1. Surging air passenger traffic and fleet expansions
- 3.1.2. Advancements in aircraft technologies and smart landing gear systems
- 3.1.3. Rising demand for enhanced safety and operational efficiency

### **3.2. Market Challenges**

- 3.2.1. High manufacturing and maintenance costs
- 3.2.2. Stringent aviation safety regulations and lengthy certification processes
- 3.2.3. Fluctuating raw material prices and supply chain disruptions

### **3.3. Market Opportunities**

- 3.3.1. Innovations in electric and all-electric landing gear systems
- 3.3.2. Integration of smart sensors and predictive maintenance technologies
- 3.3.3. Development of sustainable, energy-efficient landing gear solutions

## **CHAPTER 4. GLOBAL COMMERCIAL AIRCRAFT LANDING GEAR MARKET INDUSTRY ANALYSIS**

### **4.1. Porter's 5 Force Model**

- 4.1.1. Bargaining Power of Suppliers
- 4.1.2. Bargaining Power of Buyers
- 4.1.3. Threat of New Entrants
- 4.1.4. Threat of Substitutes
- 4.1.5. Competitive Rivalry
- 4.1.6. Futuristic Approach to Porter's 5 Force Model
- 4.1.7. Porter's 5 Force Impact Analysis

### **4.2. PESTEL Analysis**

- 4.2.1. Political
- 4.2.2. Economical
- 4.2.3. Social
- 4.2.4. Technological
- 4.2.5. Environmental
- 4.2.6. Legal

### **4.3. Top Investment Opportunity**

### **4.4. Top Winning Strategies**

### **4.5. Disruptive Trends**

### **4.6. Industry Expert Perspective**

### **4.7. Analyst Recommendation & Conclusion**



## **CHAPTER 5. GLOBAL COMMERCIAL AIRCRAFT LANDING GEAR MARKET SIZE & FORECASTS BY GEAR POSITION 2022-2032**

### 5.1. Segment Dashboard

### 5.2. Global Commercial Aircraft Landing Gear Market: Gear Position Revenue Trend Analysis, 2022 & 2032 (USD Million/Billion)

#### 5.2.1. Main Landing

#### 5.2.2. Nose Landing

## **CHAPTER 6. GLOBAL COMMERCIAL AIRCRAFT LANDING GEAR MARKET SIZE & FORECASTS BY COMPONENT 2022-2032**

### 6.1. Segment Dashboard

### 6.2. Global Commercial Aircraft Landing Gear Market: Component Revenue Trend Analysis, 2022 & 2032 (USD Million/Billion)

#### 6.2.1. Actuators

#### 6.2.2. Braking Systems

#### 6.2.3. Shock Absorbers

#### 6.2.4. Steering Systems

#### 6.2.5. Others

## **CHAPTER 7. GLOBAL COMMERCIAL AIRCRAFT LANDING GEAR MARKET SIZE & FORECASTS BY AIRCRAFT TYPE AND ARRANGEMENT TYPE 2022-2032**

### 7.1. Global Commercial Aircraft Landing Gear Market: Aircraft Type Revenue Trend Analysis, 2022 & 2032 (USD Million/Billion)

#### 7.1.1. Narrow-Body Aircraft

#### 7.1.2. Wide-Body Aircraft

#### 7.1.3. Regional Aircraft

#### 7.1.4. Business Jets

### 7.2. Global Commercial Aircraft Landing Gear Market: Arrangement Type Revenue Trend Analysis, 2022 & 2032 (USD Million/Billion)

#### 7.2.1. Tricycle

#### 7.2.2. Tandem

#### 7.2.3. Tailwheel

### 7.3. Regional Breakdown

#### 7.3.1. North America Landing Gear Market

##### 7.3.1.1. U.S. Landing Gear Market

- 7.3.1.2. Canada Landing Gear Market
- 7.3.2. Europe Landing Gear Market
  - 7.3.2.1. UK Landing Gear Market
  - 7.3.2.2. Germany Landing Gear Market
  - 7.3.2.3. France Landing Gear Market
  - 7.3.2.4. Spain Landing Gear Market
  - 7.3.2.5. Italy Landing Gear Market
  - 7.3.2.6. Rest of Europe Landing Gear Market
- 7.3.3. Asia Pacific Landing Gear Market
  - 7.3.3.1. China Landing Gear Market
  - 7.3.3.2. India Landing Gear Market
  - 7.3.3.3. Japan Landing Gear Market
  - 7.3.3.4. Australia Landing Gear Market
  - 7.3.3.5. South Korea Landing Gear Market
  - 7.3.3.6. Rest of Asia Pacific Landing Gear Market
- 7.3.4. Latin America Landing Gear Market
  - 7.3.4.1. Brazil Landing Gear Market
  - 7.3.4.2. Mexico Landing Gear Market
  - 7.3.4.3. Rest of Latin America Landing Gear Market
- 7.3.5. Middle East & Africa Landing Gear Market
  - 7.3.5.1. Saudi Arabia Landing Gear Market
  - 7.3.5.2. South Africa Landing Gear Market
  - 7.3.5.3. Rest of MEA Landing Gear Market

## **CHAPTER 8. COMPETITIVE INTELLIGENCE**

- 8.1. Key Company SWOT Analysis
  - 8.1.1. Safran Landing Systems
  - 8.1.2. Collins Aerospace (Raytheon Technologies Corporation)
  - 8.1.3. Liebherr Group
- 8.2. Top Market Strategies
- 8.3. Company Profiles
  - 8.3.1. Safran Landing Systems
    - 8.3.1.1. Key Information
    - 8.3.1.2. Overview
    - 8.3.1.3. Financial (Subject to Data Availability)
    - 8.3.1.4. Product Summary
    - 8.3.1.5. Market Strategies
  - 8.3.2. Heroux-Devtek Inc.

- 8.3.3. AAR Corporation
- 8.3.4. GKN Aerospace (Melrose Industries PLC)
- 8.3.5. Magellan Aerospace Corporation
- 8.3.6. Eaton Corporation
- 8.3.7. Triumph Group, Inc.
- 8.3.8. Meggitt PLC
- 8.3.9. SPP Canada Aircraft, Inc.
- 8.3.10. Sumitomo Precision Products Co., Ltd.
- 8.3.11. CIRCOR International, Inc.
- 8.3.12. Honeywell International Inc.
- 8.3.13. Moog Inc.

## **CHAPTER 9. RESEARCH PROCESS**

- 9.1. Research Process
  - 9.1.1. Data Mining
  - 9.1.2. Analysis
  - 9.1.3. Market Estimation
  - 9.1.4. Validation
  - 9.1.5. Publishing
- 9.2. Research Attributes

## I would like to order

Product name: Global Commercial Aircraft Landing Gear Market to Reach USD 56.73 Billion by 2032

Product link: <https://marketpublishers.com/r/G09D311BD4B5EN.html>

Price: US\$ 3,218.00 (Single User License / Electronic Delivery)

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

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G09D311BD4B5EN.html>