

Aircraft Line Maintenance Market Expanding With \$28.55 Billion at 5.3% CAGR by 2029

*The Business Research Company's
Aircraft Line Maintenance Market
Expanding With \$28.55 Billion at 5.3%
CAGR by 2029*

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The logo for The Business Research Company, featuring the company name in a serif font and a stylized bar chart with three bars of increasing height to the right.

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What Is The Forecast For The Aircraft Line Maintenance Market From 2024 To 2029?

The market size of aircraft line maintenance has seen a significant increase in the past few years.

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It will grow to \$28.55 billion
in 2029 at a compound
annual growth rate (CAGR)
of 5.3%.”

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It is projected to enhance from \$22.08 billion in 2024 to \$23.24 billion in 2025, maintaining a compound annual growth rate (CAGR) of 5.2%. The historical growth trends can be linked to various factors such as the rise in demand for air travel, rigorous regulatory norms, global expansion of airline operations, the rising trend of outsourcing, improved airline profitability and competition, as well as the growing intricacy of aircraft systems.

In the coming years, the aircraft line maintenance market is set to experience formidable growth, reaching a market value of \$28.55 billion by 2029. This sector is projected to grow at a compound annual growth rate (CAGR) of 5.3%. The expansion in this timeframe can be credited to factors such as increased regional air connectivity, integration of innovative aircraft models, commitment to aircraft sustainability, governmental funding in aviation infrastructure, and the need for on-wing engine upkeep. Throughout this forecasted period, industry trends will encompass the outsourcing of line maintenance services, implementation of predictive maintenance technology, progression in aircraft technology, incorporation of digital solutions, and a focus on training and professional development.

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What Are The Core Growth Drivers Shaping The Future Of The Aircraft Line Maintenance Market?

The anticipated surge in passenger air traffic is predicted to drive the expansion of the aircraft line maintenance market. This term refers to the systematic flow of airplanes within a confined space to prevent possible collisions. It aids in ensuring that passenger air traffic operates smoothly, reliably, and as a fleet operation. For example, the International Air Transport Association, a globally recognized trade association based in Canada, reported in July 2022 that total air traffic had risen by 83.1% in May 2022 in comparison to the same month in the previous year. Consequently, the expected rise in passenger air traffic is fuelling the expansion of the aircraft line maintenance market.

Which Companies Are Currently Leading In The Aircraft Line Maintenance Market?

Major players in the Aircraft Line Maintenance Global Market Report 2025 include:

- Avia Solutions Group PLC
- BCT Aviation Maintenance Ltd.
- British Airways PLC
- Delta Air Lines Inc.
- Hong Kong Aircraft Engineering Company Limited.
- Deutsche Lufthansa AG
- Monarch Aircraft Engineering Limited
- Nayak Group B.V.
- SAMCO Aircraft Maintenance B.V.
- SIA Engineering Company Limited

What Are The Top Trends In The Aircraft Line Maintenance Industry?

The aircraft line maintenance market is increasingly characterized by technological advancements. Numerous leading companies in this sector are integrating technologies like the Internet of Things (IoT), solutions powered by Artificial Intelligence, and cloud-based platforms to streamline their maintenance and production procedures, reinforcing their standing in the market. For instance, in July 2022, US-based software development firm EmpowerMX, specializing in line maintenance, introduced MRO Cloud Exchange, EMX Insights. This platform, developed in collaboration with American and Delta Air Lines, facilitates cloud-based data exchange. The introduced software offers comprehensive visibility of all necessary airline maintenance activities, thereby enhancing fleet utilization and automating essential maintenance workflows.

Comparative Analysis Of Leading Aircraft Line Maintenance Market Segments

The aircraft line maintenance market covered in this report is segmented –

1) By Service: Component Replacement And Rigging Service, Defect Rectification Service, Engine And APU Service, Aircraft On Ground (AOG) Service, Line Station Setup And Management

Service

2) By Type: Transit Checks, Routine Checks

3) By Aircraft Type: Narrow Body Aircraft, Wide Body Aircraft, Very Large Aircraft, Regional Aircraft, Other Aircraft Types

4) By Technology: Traditional Line Maintenance, Digital Line Maintenance

5) By Application: Commercial Aviation, Military Aviation, Business And General Aviation

Subsegments:

1) By Component Replacement And Rigging Service: Avionics Components, Structural Components, Electrical Components, Hydraulic Components

2) By Defect Rectification Service: Troubleshooting And Diagnosis, Minor Repairs, Modifications And Upgrades, Routine Inspections

3) By Engine And APU Service: Engine Inspections, Engine Overhauls, APU Inspections, APU Maintenance And Repairs

4) By Aircraft On Ground (AOG) Service: Emergency Repairs, Parts Supply And Logistics, Technical Support, Rapid Response Services

5. By Line Station Setup And Management Service: Infrastructure Setup, Staff Training And Management, Compliance And Regulatory Support, Inventory Management

View the full aircraft line maintenance market report:

<https://www.thebusinessresearchcompany.com/report/aircraft-line-maintenance-global-market-report>

Which Regions Are Dominating The Aircraft Line Maintenance Market Landscape?

In 2024, North America dominated the global aircraft line maintenance market as the list's biggest contributor. The fastest-growing region during the forecast period up until 2025 is anticipated to be Asia-Pacific. Areas incorporated in the report consist of Asia-Pacific, Western Europe, Eastern Europe, North America, South America, the Middle East, and Africa.

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