

Flight Management Systems (FMS) And Stable Market Trends and Analysis by Application, Vertical, Region, and Segment

The Business Research Company's Flight Management Systems (FMS) And Stable Global Market Report 2025 – Market Size, Trends, And Forecast 2025-2034

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The stalwart market size of flight management systems (fms) has seen robust growth recently. Showing a projected increase from \$3.38 billion in 2024 to \$3.63 billion in 2025, it boasts a compound annual growth rate (CAGR) of 7.6%. The significant growth witnessed in the past can

be credited to factors such as a surge in commercial air travel, implementation of regulatory mandates for flight safety, a higher demand for fuel-efficient planes, an increase in air cargo transportation and an upswing in global defense budgets.

In the coming years, the flight management systems (fms) and stable market size is anticipated to witness robust growth. The market is set to reach \$4.84 billion in 2029, exhibiting a compound annual growth rate (CAGR) of 7.4%. This projected growth during the forecast period is due to

factors such as the implementation of 4D trajectory management, increasing aircraft production rates, growing passenger traffic in emerging markets, constant demand for operational efficiency and efforts to decrease carbon emissions. The forecast period is also likely to see a shift towards electric and hybrid-electric aircraft, heightened use of cloud-based flight management solutions, growing utilization of blockchain for aviation data security, incorporation of the Internet of Things (IoT) in flight management, and progress in augmented reality for cockpit displays.

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What Are The Major Factors Driving The [Flight Management Systems \(FMS\) And Stable Global Market Growth?](#)

The surge in worldwide fleet orders is anticipated to boost the growth of flight management systems (FMS) and ensure a stable market in the future. Fleet orders, which are grouped orders made by airlines, leasing corporations, or operators for new aircraft to supplement or renovate their existing fleet, are on the rise globally. This trend is driven by an upsurge in air travel demand and airlines' expansion, thus necessitating the inclusion of new and efficient aircraft. The significance of flight management systems (FMS) and steady technology is particularly noted in response to these growing fleet orders. They play a vital role in improving operational efficacy, ensuring accurate navigation and flight planning, optimizing fuel usage, and maintaining stable flight conditions. For instance, the General Aviation Manufacturers Association (GAMA), an American trade association, reported in July 2023 that airplane shipments in 2023 have surged compared to 2022. Specifically, there was an 11.8% surge in piston airplane deliveries, totalling 1,682 units. Moreover, turboprop airplane deliveries grew by 9.6% to 638 units, while business jet deliveries escalated to 730 units from 712. The entire value of airplane deliveries in 2023 was \$23.4 billion, indicating a 2.2% increase. Thus, the escalating fleet orders worldwide are propelling the flight management systems (FMS) and solidifying the market's stability.

Who Are The Leading Companies In [The Flight Management Systems \(FMS\) And Stable Market?](#) Major players in the Flight Management Systems (FMS) And Stable Global Market Report 2025 include:

- Raytheon Technologies Corporation
- Boeing Company
- General Electric Company
- Northrop Grumman Corporation
- Honeywell International Inc.
- Lufthansa Systems
- Innovative Solutions & Support
- BAE Systems
- Thales Group
- Leonardo S.p.A.

What Are Some Emerging Trends In The Flight Management Systems (FMS) And Stable Market? Prominent firms in the stable market for flight management systems (FMS) are focusing on launching unique products like guided visual procedures to enhance guidance for pilots during visual approaches. Advanced flight management systems are leveraged for these guided visual procedures in the aviation field to ensure more precise navigational support during visual approach and landing, improving both safety and operative efficiency. For example, Honeywell International Inc., a technological firm based in the United States, introduced the Flight Management System Guided Visual Procedures as a separate option in October 2023. This includes offering both lateral and vertical guidance during visual approaches and allows for

improved consistency in approach as well as a reduction in the workload of pilots. This development demonstrates Honeywell's dedication to enhancing safety and operating proficiency in aviation by tackling the issues associated with unstable approaches, thereby strengthening its standing in the flight management systems (FMS) market and a consistent market for cutting-edge technologies.

What Are The Primary Segments Covered In The Global Flight Management Systems (FMS) And Stable Market Report?

The flight management systems (fms) and stable market covered in this report is segmented –

- 1) By Aircraft Type: Narrow Body Aircraft, Wide Body Aircraft, Very Large Aircraft, Regional Transport Aircraft
- 2) By Fit: Line Fit, Retrofit
- 3) By Hardware: Visual Display Unit (VDU), Control Display Unit (CDU), Flight Management Computers (FMC)

Subsegments:

- 1) By Narrow Body Aircraft: Single-Aisle Jetliners, Short-Haul Narrow Body Aircraft, Medium-Haul Narrow Body Aircraft, Low-Cost Carrier Aircraft
- 2) By Wide Body Aircraft: Twin-Aisle Jetliners, Long-Haul Wide Body Aircraft, Ultra-Long-Haul Wide Body Aircraft, Freighter Wide Body Aircraft
- 3) By Very Large Aircraft: Passenger Jumbo Jets, Cargo Jumbo Jets, Ultra-High Capacity Aircraft
- 4) By Regional Transport Aircraft: Regional Jets, Turboprop Aircraft, Short-Haul Regional Aircraft, Commuter Aircraft

View the full flight management systems (fms) and stable market report:

<https://www.thebusinessresearchcompany.com/report/flight-management-systems-fms-and-stable-global-market-report>

Which Region Is Forecasted To Grow The Fastest In The Flight Management Systems (FMS) And Stable Industry?

In 2024, North America led the Flight Management Systems (FMS) and Stable Global Market. For the year specified, its growth prospects were projected to be significant. The report concerning the FMS and Stable Global Market incorporated regions such as Asia-Pacific, Western Europe, Eastern Europe, North America, South America, the Middle East, and Africa.

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