

Aerospace And Defense Fluid Conveyance Systems Industry Report: Competitive Landscape and Future Prospects

*The Business Research Company's
Aerospace And Defense Fluid Conveyance
Systems Global Market Report 2025 –
Market Size, Trends, And Global Forecast
2025-2034*

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/EINPresswire.com/ -- What Is The

Projected Market Size & Growth Rate Of The [Aerospace And Defense Fluid Conveyance Systems Market?](#)

The market size of the aerospace and defense fluid conveyance systems market has seen consistent growth in recent times. Projections indicate a rise from \$15.74 billion in 2024 to



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\$16.40 billion in 2025, maintaining a compound annual growth rate (CAGR) of 4.2%. The historical growth trend is the result of factors such as increasing air travel, modernization and maintenance, repair and overhaul (MRO) of aircraft, rigorous safety and regulation standards, fragility of the supply chain, growing use of unmanned aerial vehicles/drones, along with the demand for pneumatic systems.

In the coming years, the [aerospace and defense fluid conveyance systems market size](#) is projected to experience

consistent expansion. The market is forecasted to grow at a compound annual growth rate (CAGR) of 3.9%, reaching a value of \$19.14 billion in 2029. Factors contributing to this growth may include an increase in the number of aircraft, a movement towards more fuel-efficient options, expansion of defense budgets, the electrification of aircraft, and enhanced supply chain resilience. The period of forecast also points towards significant trends like the use of innovative materials, additive manufacturing or 3D manufacturing, smart internet of things (IoT) and sensors, thermal systems focusing on electrification, and modular system architectures.



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What Is The Crucial Factor Driving The Global Aerospace And Defense Fluid Conveyance Systems Market?

The rise in aircraft production is predicted to fuel the expansion of the aerospace and defense fluid conveyance systems market in the future. Aircraft are classified as any vehicles able to fly or designed for air travel, including airplanes, helicopters, drones, and gliders. The growth in the production of these air vehicles is a result of an increased global demand for air travel, boosted by the growth of middle-class populations and tourism. Fluid conveyance systems in aerospace and defense are engineered to aid aircraft by carrying and managing essential fluids, such as fuel, hydraulics, and coolant, which are vital for propulsion, control, and environmental systems. For example, in January 2024, a report from Aircraft Interiors International, a media company based in the UK, revealed that aircraft orders in 2023 had risen by 91% compared to the previous year. This was spurred on by a rise of 78% in single-aisle aircraft orders and a dramatic 169% increase in orders for wide-body aircraft. Additionally, new aircraft deliveries hit 1,265 units in 2023, marking an 11% year over year growth. Therefore, the growth in aircraft production is spurring on the expansion of the aerospace and defense fluid conveyance systems market.

Who Are The Emerging Players In The Aerospace And Defense Fluid Conveyance Systems Market?

Major players in the Aerospace And Defense Fluid Conveyance Systems Global Market Report 2025 include:

- Eaton Corporation plc
- Collins Aerospace LLC
- TE Connectivity Ltd.
- Parker-Hannifin Corporation
- GKN Aerospace Services Limited
- ITT Inc.
- EnCore Aerospace LLC
- Stelia Aerospace SAS
- Triumph Group Inc.
- Senior Aerospace Limited

What Are The Key Trends Shaping The Aerospace And Defense Fluid Conveyance Systems Industry?

The surge in defense spending is set to drive the expansion of the aerospace and defense fluid conveyance systems market. Defense spending encompasses the yearly financial resources set aside by a government for the sustenance and growth of its military. Enhanced defense outlay begets demand for cutting-edge aerospace and defense fluid conveyance systems as it feeds into the manufacturing and updating of military aircraft, missiles, and space systems, which require precise fluid transfer for optimal function and durability. For example, the Stockholm

International Peace Research Institute (SIPRI), a research entity based in Sweden, reported in April 2024 that worldwide military expenditure came to a total of \$2,443 billion in 2023, indicating a 6.8% real-term growth compared to 2022. As such, the surge in defense spending is pushing the growth of the aerospace and defense fluid conveyance systems market.

What Segments Are Covered In The Aerospace And Defense Fluid Conveyance Systems Market Report?

The aerospace and defense fluid conveyance systems market covered in this report is segmented –

- 1) By Product Type: Hoses, Pipes, Fittings, Valves, Connectors, Fluid Transfer Assemblies
- 2) By Fluid: Fuel, Pneumatic, Hydraulic
- 3) By Application: Commercial Aviation, Military Aviation, Spacecraft, Ground Defense Vehicles, Naval Defense Ships, Unmanned Aerial Vehicles (UAVs)
- 4) By Distribution Channel: Original Equipment Manufacturer (OEM), Aftermarket
- 5) By End-User: Defense Sector, Aerospace Sector, Commercial Aircraft Manufacturers, Space Exploration Organizations, Aerospace Component Suppliers

Subsegments:

- 1) By Hoses: Low-Pressure Hoses, Medium-Pressure Hoses, High-Pressure Hoses, Flexible Hoses, Rigid Hoses
- 2) By Pipes: Seamless Pipes, Welded Pipes, Rigid Pipes, Flexible Pipes, Titanium Pipes, Stainless Steel Pipes
- 3) By Fittings: Elbow Fittings, Tee Fittings, Coupling Fittings, Flange Fittings, Adapter Fittings
- 4) By Valves: Ball Valves, Check Valves, Gate Valves, Relief Valves, Control Valves
- 5) By Connectors: Quick Disconnect Connectors, Push-To-Connect Connectors, Threaded Connectors, Flanged Connectors, Crimped Connectors
- 6) By Fluid Transfer Assemblies: Fuel Transfer Assemblies, Hydraulic Transfer Assemblies, Pneumatic Transfer Assemblies, Cryogenic Fluid Transfer Assemblies, Cooling System Transfer Assemblies

View the full aerospace and defense fluid conveyance systems market report:

<https://www.thebusinessresearchcompany.com/report/aerospace-and-defense-fluid-conveyance-systems-global-market-report>

Which Region Is Projected To Hold The Largest Market Share In The Global Aerospace And Defense Fluid Conveyance Systems Market?

In 2024, North America dominated the global market for aerospace and defense fluid conveyance systems. Moreover, Asia-Pacific is anticipated to exhibit the most rapid growth throughout the forecast period. The report on the said market includes the following regions: Asia-Pacific, Western Europe, Eastern Europe, North America, South America, the Middle East, and Africa.

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