

Aircraft Oxygen Systems Market to Reach \$7.63 Billion by 2029 with 6.8% CAGR

*The Business Research Company's
Aircraft Oxygen Systems Market to Reach
\$7.63 Billion by 2029 with 6.8% CAGR*

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What Is The [Aircraft Oxygen Systems Market Size](#) And Growth?

The size of the aircraft oxygen systems market has seen considerable growth in the recent past.

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Expected to grow to \$7.63 billion in 2029 at a compound annual growth rate (CAGR) of 6.8%”

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The market is projected to increase from \$5.55 billion in 2024 to \$5.85 billion in 2025, with a compound annual growth rate (CAGR) of 5.4%. Various factors can be attributed to this growth in the past, including aviation safety regulations, cooperation within the industry and research, a spotlight on emergency readiness, focus on passenger safety, and the worldwide growth of air travel.

In the forthcoming years, the aircraft oxygen systems

market is anticipated to witness significant expansion. It is predicted to reach a value of \$7.63 billion in 2029, growing at a compound annual growth rate (CAGR) of 6.8%. Factors such as an increase in long-distance flights, transition to environmentally friendly solutions, innovative oxygen storage methods, preparedness for health emergencies, and expansion of aircraft fleets are expected to contribute to this growth. The forecast period will also be characterised by a number of prominent trends, including improved safety regulations, modernisation of aircraft fleets, a move towards light-weight materials, product innovations, and technological progress.

Download a free sample of the aircraft oxygen systems market report:

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What Are The Current Leading Growth Drivers For Aircraft Oxygen Systems Market?

The growth of the aircraft oxygen systems market is anticipated to be propelled by the rising number of individuals opting to travel via airplanes. The term 'air passengers' signifies those individuals or businesses primarily involved in aviation transportation across both domestic and international routes. A surge in the number of passengers can instigate an escalation in airplane oxygen systems due to the benefits of economies of scale. More passengers cause a spike in the demand for oxygen systems, encouraging airlines to enhance their own, thus proving beneficial for the airline industry as well as the customers. The International Air Transport Association (IATA), a Canada-based trade body that aids airline operations and formulates industry policies, projected in March 2022 that there will be a global accumulation of 4.0 billion air passengers in 2024 (including multi-sector connecting flights as one passenger), equivalent to the pre-COVID-19 numbers (103% of the total 2019 figures). The passengers in 2021 surpassed the previous years by 47%. It is anticipated that this will rise to 83% in 2022, 94% in 2023, 103% in 2024, and 111% in 2025. The momentum in people opting for aircraft travel is, therefore, fuelling the growth of the aircraft oxygen systems market.

Which Companies Are Currently Leading In The Aircraft Oxygen Systems Market?

Major players in the Aircraft Oxygen Systems Global Market Report 2025 include:

- Aviation Oxygen Systems Inc.
- Cobham Limited
- Diehl Stiftung & Co. KG
- Essex Industries Inc.
- Precise Flight Inc.
- Technodinamika JSC
- Safran S.A.
- Air Liquide S.A.
- Aerox Aviation Oxygen Systems
- B/E Aerospace Inc.

What Are The Main Trends, Positively Impacting The Growth Of Aircraft Oxygen Systems Market?

Improvements to oxygen storage systems represent a primary trend gaining traction in the oxygen storage system market. Essential enterprises within this market are focusing on designing advanced and efficient oxygen storage systems applicable to various sectors, striving to maintain their market dominance. In February 2023, Adamant Composites Ltd., a Greece-based firm producing high-tech industrial goods and services for sectors including space, aerospace, defense, and energy storage, revealed their partnership with Hylmpulse, a Germany-based private space launch enterprise. The partnership's focus is developing and testing linerless CFRP liquid oxygen (LOX) compatible tanks for smaller space launch vehicles. These tanks, which significantly outperform aluminium tanks in terms of cost-efficiency and lightness, utilise Toray thermoset uni-directional prepregs. This composite retains its structure during the sudden thermal shrinkage caused by rapid propellant filling at cryogenic temperatures.

How Is The Aircraft Oxygen Systems Market Segmented?

The aircraft oxygen systems market covered in this report is segmented –

- 1) By Component: Oxygen Storage System, Oxygen Delivery System, Oxygen Mask System
- 2) By System: Passenger Oxygen System, Crew Oxygen System
- 3) By Aircraft Type: Narrow Body Aircraft, Wide Body Aircraft, Very Large Body Aircraft, Regional Aircraft
- 4) By Technology: Chemically-Induced System, Compressed Oxygen System
- 5) By End-User: Commercial Aviation, Military Aviation, Other End-Users

Subsegments:

- 1) By Oxygen Storage System: High-Pressure Oxygen Cylinders, Liquid Oxygen Systems, Chemical Oxygen Generators
- 2) By Oxygen Delivery System: Continuous Flow Systems, Demand Oxygen Systems, Diluter Demand Systems
- 3) By Oxygen Mask System: Passenger Oxygen Masks, Crew Oxygen Masks, Emergency Oxygen Masks

View the full aircraft oxygen systems market report:

<https://www.thebusinessresearchcompany.com/report/aircraft-oxygen-systems-global-market-report>

Which Is The Dominating Region For The Aircraft Oxygen Systems Market?

In 2024, North America dominated the global market for aircraft oxygen systems according to the Aircraft Oxygen Systems Global Market Report 2025, with anticipations of continued growth. The report includes data from multiple regions including Asia-Pacific, Western Europe, Eastern Europe, North America, South America, the Middle East, and Africa.

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