

Rocket Airborne Launch Market: Future Demand and Top Key Players Analysis | 2029

The Business Research Company's Rocket Airborne Launch Global Market Report 2025 – Market Size, Trends, And Forecast 2025-2034

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/EINPresswire.com/ -- What Is The Expected Cagr For The [Rocket Airborne Launch Market](#) Through 2025?

The size of the rocket airborne launch market has seen significant growth in the past few years. This market is projected to increase to \$3.85 billion in 2025, from \$3.51 billion in 2024, showing a compound annual growth rate (CAGR) of 9.6%. The historical growth of this market can be traced

back to factors such as increased military expenditure on airborne platforms, heightened demand for satellite deployment during defense operations, a surge in research on air-launch-to-orbit systems. Besides, augmented governmental funds for aerospace innovation, and the broadening implementation of suborbital flight tests also contribute to this trend.

The market size of rocket airborne launches is predicted to experience robust growth in the upcoming years, expanding to \$5.47 billion in 2029 with a compound

annual growth rate (CAGR) of 9.2%. Factors contributing to growth in the prediction period include a rising interest in cost-efficient mini satellite launches, an increasing need in the commercial space sector, a burgeoning alliance between defense and private aerospace corporations, a growing demand for compact propulsion systems, and the escalating necessity for quick-response launch abilities. Key trends during the anticipated period are the progress in reusable air-launch systems, refined mini payload integration, the maturation of swift deployment features, innovation in hybrid propulsion methods, and headway in AI-controlled flight management systems.



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What Are The Key Factors Driving Growth In The Rocket Airborne Launch Market?

The anticipated escalation in satellite launches is poised to feed the expansion of the rocket airborne launch market in the future. This term signifies the process of circulating fake satellites in space for a range of uses including communication, observation of the earth, navigation, and more. The surge in satellite launches is primarily attributed to the escalating demand for internet connectivity necessitating the circulation of extensive small satellite constellations. Systems that support rocket airborne launches facilitate satellite launches by distributing payloads from aircraft operating at high altitudes, diminishing fuel necessity and offering greater adaptability in placing orbits. For example, in January 2024, according to the data released by Space Foundation, a non-profit organization based in the US, saw an orbit deployment of over 2,800 satellites, marking a 23% surge when compared to 2022. Thus, the escalating trend in satellite launches is bolstering the expansion of the rocket airborne launch market. Growth of the rocket airborne market is getting a significant push from increasing investments funnelled into the aerospace and defence sectors. These investments include financial resources pledged by governments and private organizations to develop and consolidate aerospace and military competencies. The inflow of investments into these sectors is rapidly growing, driven by escalating global security concerns, coaxing governments to augment funding for advanced technologies and strategic defence operations. Such financial endorsements support the rocket airborne launch industry by fostering advanced aircraft development, compact satellite technology each and launching systems. This not only expedites innovation, but also assures mission dependability and enriched launch competencies for both military and commercial requirements. According to data from the Stockholm International Peace Research Institute (SIPRI), a research organization based in Sweden, global military spending witnessed a sharp hike in April 2024, reaching \$2.443 trillion in 2023, marking a 6.8% surge in real terms when compared to 2022. Hence, increasing investments in aerospace and defence sectors are fuelling the growth of the rocket airborne launch market.

What Are The Top Players Operating In The Rocket Airborne Launch Market?

Major players in the Rocket Airborne Launch Global Market Report 2025 include:

- Lockheed Martin Corporation
- Raytheon Technologies Corporation
- The Boeing Company
- Airbus
- General Dynamics
- Northrop Grumman Corporation
- The National Aeronautics and Space Administration
- Thales Group
- Leonardo
- MBDA

The rocket airborne launch market covered in this report is segmented –

- 1) By Launch Platform: Aircraft, Balloon, Unmanned Aerial Vehicle (UAV)
- 2) By Payload Type: Satellite, Cargo, Other Payload Types
- 3) By End-User: Commercial, Military, Government, Research

Subsegments:

- 1) By Aircraft: Fixed-Wing Aircraft, Fighter Jets, Cargo Or Transport Aircraft, Supersonic Aircraft
- 2) By Balloon: Zero-Pressure Balloons, Super-Pressure Balloons, High-Altitude Research Balloons, Sounding Balloons
- 3) By Unmanned Aerial Vehicle (UAV): Fixed-Wing Unmanned Aerial Vehicles (UAVs), Rotary-Wing Unmanned Aerial Vehicle (UAVs), High-Altitude Long Endurance (HALE) Unmanned Aerial Vehicle (UAVs), Medium-Altitude Long Endurance (MALE) Unmanned Aerial Vehicle (UAVs)

View the full rocket airborne launch market report:

<https://www.thebusinessresearchcompany.com/report/rocket-airborne-launch-global-market-report>

Global Rocket Airborne Launch Market - Regional Insights

In the Rocket Airborne Launch Global Market Report for 2025, North America emerged as the prevailing region for the year 2024. However, it is anticipated that the Asia-Pacific region will experience the most accelerated growth during the forecasted period. The report includes a diverse geographical coverage that includes regions such as Asia-Pacific, Western Europe, Eastern Europe, North America, South America, the Middle East, and Africa.

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