

# 5G in Aviation Market Dynamics : Exploring CAGR and USD Impacts on Industry Sectors, 2023-2032

*The overall 5G in aviation market opportunity is determined by understanding profitable trends to gain a stronger foothold.*



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*Allied Market Research*

WILMINGTON, DE, UNITED STATES, November 27, 2024 /EINPresswire.com/ -- According to a recent report published by Allied Market Research, titled, "[5G in Aviation Market](#) by Communication Infrastructure, Technology, and End Use: Global Opportunity Analysis and Industry Forecast, 2021–2030," the global [5G in aviation](#) market was valued at \$0.70 billion in 2020, and is projected to reach \$4.68 billion by 2030, registering a CAGR of 22.8%. North America was the highest revenue contributor, accounting

for \$0.25 billion in 2020, and is estimated to reach \$1.74 billion by 2030, with a CAGR of 23.6%.

The growth of the global 5G in [aviation](#) market is driven by growth in air passenger traffic across the globe, rise in inclination toward R&D activities for 5G network and related technology development, and changing aviation industry outlook. Furthermore, growth in smart airports development activities and advancement of the commercial aircraft for improved safety, convenience and efficiency are anticipated to support the growth for 5G in aviation in the near future. In 2020, by considering the communication infrastructure of the 5G in aviation, Small cell has witnessed leading market share. Moreover, eMBB technology based 5G in aviation is expected to witness a leading market growth and dominate the market share by end of the forecast period.

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In addition, market participants are entering into long term agreements and contracts with end users such as aviation industry players to gain competitive advantage in the global market. North America dominates the 5G in aviation market in the year 2020. The U.S., Germany, the UK,

China, and India are expected to be the emerging countries in the global 5G in aviation market. The global 5G in aviation market is a fairly consolidated market with limited number of players operating in the global market. Majority of the market participants are strategically involved in agreement, collaboration, contract, investment, partnership, product development, and product launch.

### Key Findings Of The Study

By communication infrastructure, the small cell segment is expected to register significant growth during the forecast period.

By technology, eMBB segment is projected to lead the global market in terms of market share by the end of the forecast period.

By end use, the airport segment is projected to lead the global market, in terms of market share, by the end of the forecast period.

By region, North America dominated the global 5G in aviation market in 2020 in terms of market share.

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Key players operating in the global 5G in aviation market include

Cisco Systems, Inc.

Gogo Inc.

Huawei Technologies Co., Ltd.

Inseego Corp.

Nokia Corporation

OneWeb

Panasonic Avionics Corporation

Qualcomm Technologies, Inc.

Smartsky Networks, LLC

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