

Autonomous Aircraft Market to Reach USD \$1.45 Billion by 2029 at 5.3% CAGR

*The Business Research Company's
Autonomous Aircraft Global Market
Report 2025 – Market Size, Trends, And
Global Forecast 2025-2034*

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/EINPresswire.com/ -- How Big Is The
[Autonomous Aircraft Market](#) In 2025?

In the past few years, the autonomous aircraft market has experienced a significant expansion. Projected growth indicates an increase from \$1.06 billion in 2024 to reach \$1.18 billion in 2025, correlating to a compound annual growth rate (CAGR) of 11.5%. The surge in growth during this historical period can be credited to factors such as safety and efficiency enhancements,

implementation in military and defense fields, commercial utilizations, and regulatory advancements.

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In the coming years, the autonomous aircraft market is projected to witness robust expansion. The market is predicted to reach \$1.45 billion by 2029, with a compound annual growth rate (CAGR) of 5.2%. The increase during the estimated period can be linked to factors such as urban air mobility (uam), environmental aspects and technological advancements. Key trends during this projected period comprise connectivity and 5g, enhanced sensors and perception systems, autonomous cargo delivery, along

with the ascension of artificial intelligence and machine learning.

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What Are The Key Driving Factors For The Growth Of The Autonomous Aircraft Market?

The progression in artificial intelligence is a crucial driver propelling the expansion of the autonomous aircraft market. Airlines and flight operators can drastically slash their operational expenditures and costs by employing AI-powered tools to manage aircraft and activities. The

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world's top airlines are currently harnessing the power of artificial intelligence to enhance operational efficiency, avert costly mistakes and heighten customer retention. For instance, Airbus, a significant aerospace corporation, is utilising AI to assess data from numerous factories and pinpoint when variations in the manufacturing process occur. This assists in identifying and rectifying the issues more quickly and at a lower cost, or even evade the problems altogether. Therefore, the autonomous aircraft market is anticipated to be driven by advancements in artificial intelligence.

Who Are The Key Players In The Autonomous Aircraft Industry?

Major players in the Autonomous Aircraft Global Market Report 2025 include:

- The Boeing Company
- Airbus SE
- Lockheed Martin Corporation
- Northrop Grumman Corporation
- Elbit Systems Ltd.
- Raytheon Technologies Corporation
- AeroVironment Inc.
- Saab Group
- BAE Systems plc
- Aeronautics Ltd.

What Are The Upcoming Trends Of Autonomous Aircraft Market In The Globe?

The autonomous aircraft market is seeing an uptick in strategic collaborations, a trend that is becoming increasingly popular. Major market stakeholders are forging partnerships to broaden their market reach and take advantage of each other's assets. For instance, Commaris - a brand of the American company Terrafugia which specializes in uncrewed aerial vehicles (UAVs) for commercial operations- announced a dealership collaboration with FIZUAS Unmanned Aircraft Systems, a full life-cycle drone and small unmanned aircraft systems (sUAS) firm based in the USA, in August 2022. Similarly, an aviation automation company from the US, Reliable Robotics, joined forces with Vantis, a North Dakota-based aerospace company, to further the development of uncrewed aircraft systems (UAS) in March 2022.

What Segments Are Covered In The Autonomous Aircraft Market Report?

The autonomous aircraft market covered in this report is segmented –

- 1) By Technology: Increasingly Autonomous, Fully Autonomous
- 2) By Aircraft Type: Fixed-Wing, Rotary-Wing
- 3) By Application: Cargo Aircraft, Passenger Aircraft
- 4) By End User: Commercial, Defense

Subsegments:

- 1) By Increasingly Autonomous: Semi-Autonomous Aircraft, Autopilot Systems, Assisted Navigation Systems

2) By Fully Autonomous: Fully Autonomous Drones, Fully Autonomous Passenger Aircraft, Autonomous Cargo Aircraft

View the full autonomous aircraft market report:

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

Which Region Is Expected To Lead The Autonomous Aircraft Market By 2025?

In 2024, North America dominated the autonomous aircraft market as the largest region. It is predicted that during the forecast period, the region with the fastest growth is going to be Asia-Pacific. The Autonomous Aircraft Global Market Report 2025 includes regions like Asia-Pacific, Western Europe, Eastern Europe, North America, South America, the Middle East, and Africa.

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Speak With Our Expert:

Saumya Sahay

Americas +1 310-496-7795

Asia +44 7882 955267 & +91 8897263534

Europe +44 7882 955267

Email: saumyas@tbrc.info

The Business Research Company - www.thebusinessresearchcompany.com

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Oliver Guirdham

The Business Research Company

+44 7882 955267

info@tbrc.info

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