

Global AI in Transportation Market 2023

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Abstracts

Aircraft micro turbine engines are single shaft rotary engines that extract energy from a flow of micro combustion gas. They are considered prospective and compact competitors to other propulsion system power supplies, such as battery cells. These engines are increasingly being used in commercial and civil aviation, as well as in unmanned aerial vehicle (UAV) applications for various missions like national security, telecommunications, agriculture, disaster management, and remote sensing.

According to the latest estimates, the global aircraft micro turbine engines market is set to achieve an incremental growth of USD 0.9 billion, accelerating at a CAGR of almost 5.47% during the forecast period 2023-2029.

The report covers market size and growth, segmentation, regional breakdowns, competitive landscape, trends and strategies for global aircraft micro turbine engines market. It presents a quantitative analysis of the market to enable stakeholders to capitalize on the prevailing market opportunities. The report also identifies top segments for opportunities and strategies based on market trends and leading competitors' approaches.

Market Segmentation

Engine type: turbojet, turboshaft, turboprop

Fuel type: jet fuel, diesel, others

Application: vertical take-off and landing (VTOL), air taxis, cargo aerial vehicles (CAVs), light aircraft, military unmanned aerial vehicles, others

End user: commercial aviation, military aviation

Region: Asia-Pacific, Europe, North America, RoW (Rest of World)

This industry report offers market estimates and forecasts of the global market, followed by a detailed analysis of the engine type, fuel type, application, end user, and region.

The global market for aircraft micro turbine engines can be segmented by engine type: turbojet, turboshaft, turboprop. The turbojet segment is estimated to account for the largest share of the global aircraft micro turbine engines market. Aircraft micro turbine engines market is further segmented by fuel type: jet fuel, diesel, others. The jet fuel segment held the largest revenue share in 2022. Based on application, the aircraft micro turbine engines market is segmented into: vertical take-off and landing (VTOL), air taxis, cargo aerial vehicles (CAVs), light aircraft, military unmanned aerial vehicles, others. Globally, the light aircraft segment made up the largest share of the aircraft micro turbine engines market. On the basis of end user, the aircraft micro turbine engines market also can be divided into: commercial aviation, military aviation. The commercial aviation segment was the largest contributor to the global aircraft micro turbine engines market in 2022. Aircraft micro turbine engines market by region is categorized into: Asia-Pacific, Europe, North America, RoW (Rest of World). North America is estimated to account for the largest share of the global aircraft micro turbine engines market.

Major Companies and Competitive Landscape

The market research report covers the analysis of key stake holders of the global aircraft micro turbine engines market. Some of the leading players profiled in the report include GE Aerospace, Honeywell International Inc., Jets Munt S.L., Kratos Defense & Security Solutions Inc., PBS GROUP a.s., Raytheon Technologies Corporation, Rolls-Royce plc, Safran SA, Turbotech SAS, UAV Turbines Inc., Williams International Corporation, among others. In this report, key players and their strategies are thoroughly analyzed to understand the competitive outlook of the market.

Scope of the Report

To analyze and forecast the market size of the global aircraft micro turbine engines market.

To classify and forecast the global aircraft micro turbine engines market based on engine type, fuel type, application, end user, region.

To identify drivers and challenges for the global aircraft micro turbine engines market.

To examine competitive developments such as mergers & acquisitions, agreements, collaborations and partnerships, etc., in the global aircraft micro turbine engines market.

To identify and analyze the profile of leading players operating in the global aircraft micro turbine engines market.

Why Choose This Report

Gain a reliable outlook of the global aircraft micro turbine engines market forecasts from 2023 to 2029 across scenarios.

Identify growth segments for investment.

Stay ahead of competitors through company profiles and market data.

The market estimate for ease of analysis across scenarios in Excel format.

Strategy consulting and research support for three months.

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