

More Electric Aircraft Market 2021-2026: Global Industry Trends, Size, Share, Growth, Opportunity and Forecast

SHERIDAN, WY, UNITED STATES, April 22, 2022 /EINPresswire.com/ -- According to the latest report by IMARC Group, titled "[More Electric Aircraft Market Size: Global Industry Trends, Share, Growth, Opportunity and Forecast 2021-2026](#)", provide the global more electric aircraft market exhibited moderate growth during 2015-2020 and expects the market to grow at a CAGR of 8.5% during (2021-2026).The report provides a detailed analysis of the market on application, technology, aircraft type and region.



More Electric Aircraft Market

Report Metric

Historical: 2015-2020

Base Year: 2020

Forecast Year: 2021-2026

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Industry Definition and Application:

More electric aircraft (MEA) involves the gradual replacement of traditional hydraulic and pneumatic power with advanced electrical systems. This aids in the reduction of fuel consumption, aircraft mass, assembling costs, maintenance costs and greenhouse gas emissions. The engines of these systems also provide power to shaft-driven generators to power the requirements of an airplane system. Numerous functions, including de-icing, engine starting,

pressurization, flight controls and actuation of the landing gear, are widely electrified to make them [energy efficient](#). These systems are extensively utilized by end users as they are not only sustainable in nature but also result in minimal noise pollution and carbon emissions.

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Note: We are regularly tracking the direct effect of COVID-19 on the market, along with the indirect influence of associated industries. These observations will be integrated into the report.

Market Trends and Drivers:

The global market is primarily driven by considerable growth in the aviation sector. There has been a rising need for optimization to improve aircraft performance that has led to the increasing adoption of MEA across the globe. Its utilization aids in improving the reliability of the systems while minimizing operating and maintenance costs. Additionally, there has been a significant rise in the employment of technologically advanced power electronics, including fault-tolerant equipment, electro-hydrostatic actuators and flight control systems in MEAs, which is expected to provide an impetus to the market growth. The market is further driven by the rising integration of MEA with advanced technologies to enhance fuel efficiency and aircraft reliability while ensuring minimal dependency on fossil fuels. Some of the other factors contributing to the market growth include the growing demand for these aircraft from the commercial sector, increasing adoption of unmanned aerial vehicles (UAV) in the defense sector, and continual research and development (R&D) activities conducted by key players.

More Electric Aircraft Market Segmentation:

The report has segmented on the basis on application, technology, aircraft type and region.

Breakup by Application:

- Air Pressurization and Conditioning
- Configuration Management
- Flight Control Operations Management
- Power Generation Management
- Power Distribution Management
- Others

Breakup by Technology:

- Safety Systems and Advanced Materials
- Power Electronics
- Energy Storage Devices

Thermal Management Systems

Others

Breakup by Aircraft Type:

Fixed Wing (Narrow Body/Wide Body/Very Large Body) Aircraft

Rotary Wing Aircraft

Unmanned Aerial Vehicles

Others

Breakup by Region:

North America: (United States, Canada)

Asia Pacific: (China, Japan, India, South Korea, Australia, Indonesia, Others)

Europe: (Germany, France, United Kingdom, Italy, Spain, Russia, Others)

Latin America: (Brazil, Mexico, Others)

Middle East and Africa

Who are the Major More Electric Aircraft Market Key players?

Airbus SE, Bombardier Inc., Honeywell International Inc., Lockheed Martin, Raytheon Company, Rolls-Royce Holdings Plc., Safran S.A., Thales Group, The Boeing Company, TTTech Computertechnik AG, United Technologies Corporation, etc.

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