Enhancing Avionics Communication through the Aircraft Interface Device

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Aircraft Interface Device Market1

PORTLAND, OR, UNITED STATES, May 30, 2023 /EINPresswire.com/ -- Aircraft interface device enhances the performance of electronic flight bag applications, reduces fuel burn and efficiency, and provides important safety features, which are expected to drive the aircraft interface device market during the forecast period. However, issues relating to the certification from regulatory bodies and rise in the vulnerability of flight systems and electric flight bags are anticipated to hamper the growth of the market. Moreover, benefits associated with advanced in-flight entertainment services and rise in demand for situational awareness are expected to offer lucrative opportunities in future.

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According to a recent report published by Allied Market Research, titled, “Aircraft Interface Device Market by Connectivity, Fit, and Aircraft Type: Global Opportunity Analysis and Industry Forecast, 2021–2030,”

COVID-19 scenario-

The outbreak of the pandemic led to strict lockdowns and banned domestic and international travel across the world, especially in the initial phase. This gave way to steep decrease in demand for air-travel and hindered the adoption of new technologies, into remodeling the aircraft technologies. This factor impacted the global aircraft interface device market negatively. Also, there have been delays in activities and initiatives regarding development of robust and innovative aircraft interface solutions across the world. Nevertheless, the global situation is

getting better and the market is expected to revive soon.

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By connectivity, the market is categorized into wired and wireless. The wireless segment accounted for the highest revenue in 2020, owing to high demand for convenient inflight entertainment services, highly responsive avionics, and reliable data transmission needs.

By aircraft type, the aircraft interface device market is bifurcated into civil and military. The military segment accounted for the highest revenue in 2020, owing to rapid growth in demand for modernizing aircraft interface systems in new and older generation of military aircraft across the world.

North America dominates the market, in terms of revenue, followed by Asia-Pacific, Europe, and LAMEA. The U.S. dominated the global aircraft interface device market share in North America in 2020, owing to increase in R&D activities, technological developments by big players, rapid adoption of innovative technologies in making safer, convenient, and efficient data transmission devices. North America is expected to grow at a significant rate during the forecast period, owing to rise in regulations regarding the development of reliable and efficient aircraft interface technologies.

Key Findings Of The Study

By connectivity, the wireless segment is expected to register a significant aircraft interface device industry growth during the forecast period.
By fit, the retrofit segment is anticipated to exhibit significant growth in future.
By aircraft type, the military segment is projected to lead the global aircraft interface device market, owing to higher CAGR as compared to civil segment.
By region, North America is anticipated to register the highest CAGR during the forecast period.

Key players operating in the global aircraft interface device market include Anuvu, Astronics Corporation, Collins Aerospace, Elbit Systems Ltd., Honeywell International Inc., SCI Technology, Inc., Skytrac Systems Ltd., Teledyne Controls LLC, Thales Group, and The Boeing Company.

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