

Market Research Reports

In-flight Autopilot Systems Market 2017: Market Size, Industry Analysis Report by Credence Research

According to a new market research report published by Credence Research "In-flight Autopilot Systems Market (System Type – Flight Director System, Attitude and Heading Reference System, Avionics Systems, Flight Control System and Others; Aircraft Type – Rotary Wings Aircraft and Fixed-Wing Aircraft; Application – Commercial Aircraft, Military Aircraft and Civilian Aircraft) Market – Growth, Future Prospects, and Competitive Analysis, 2017 – 2025", the global in-flight autopilot systems market is estimated to hit US\$ 12.5 Bn by 2025.

Browse the full report at <http://www.credenceresearch.com/report/in-flight-autopilot-systems-market>

Market Insights:

The in-flight autopilot systems have witnessed some major advancements in the last few decades. The application of in-flight autopilot systems has greatly improved the operational efficiency of a flight. The benefit of using in-flight autopilot systems greatly lies in the fact that it reduces direct assistance from the pilot and is able to control and guide an aircraft on its own. Though in-flight autopilot systems reduce the pilot's intervention, it cannot completely replace human operators.

The growth of in-flight autopilot systems market is primarily driven by the increasing focus towards automation in aircraft. These systems improve the operational efficiency of an aircraft by lowering down the fuel consumption. For an airline company, reducing the fuel consumption is one of the topmost priorities as it accounts for the single largest expense in a flight's operation. Moreover, the application of in-flight autopilot systems greatly improves the safety of an aircraft. In addition, in-flight autopilot systems improves the navigational accuracy of an aircraft. Considering these benefits, the demand for in-flight autopilot systems is expected to grow substantially during the forecast period.

However, one of the major challenges obstructing the growth of the in-flight autopilot systems market is the high cost associated with the implementation of these systems. There are only a limited number of manufacturers of these systems which contributes to the high cost. Moreover, the high maintenance cost associated with these systems further acts as a barrier for the market.

The overall in-flight autopilot systems market is categorized on the basis of system type, aircraft type, and application. Based on system type, the market is classified as flight director system, attitude and heading reference system, avionics system, flight control system and others. The market is categorized, based on aircraft type, into rotary wings aircraft and fixed-wing aircraft. As of 2017, the market is led by the fixed-wing aircraft segment. Further, on the basis of application, the market is segmented into commercial aircraft, military aircraft, and civilian aircraft.

Key Trends:

- R&D activities directed towards improving the fuel efficiency of an aircraft
- Increasing application in long haul flights
- Technological advancements has enabled its integration with more complex systems

By System Type

- Flight Director System
- Attitude and Heading Reference System
- Avionics System
- Flight Control System
- Others

By Aircraft Type

- Rotary Wings
- Fixed Wings

Global In-Flight Autopilot Systems, by Application

- Commercial Aircraft
- Military Aircraft
- Civilian Aircraft

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