

Helicopter Flight Control Systems Global Market Demand, Growth, Opportunities, Top Key Players and Forecast to 2025

WiseGuyRerports.com Presents "Global Helicopter Flight Control Systems Market Professional Survey Report 2019" New Document to its Studies Database

PUNE, MAHARASTRA, INDIA, November 11, 2019 /EINPresswire.com/ -- The report published on the global smart pills market revealed the growth to be at a notable pace. The valuation of the smart pills market was further stated to surpass its previous valuation.

Helicopter FCS or Flight Control System is a highly integral part of a helicopter. It is used for operating, controlling, and

monitoring the flight without the need to have a continuous supervision of the pilot. It can be pneumatic, electrical, hydraulic, and mechanical system that aids in automating a vast number of in-flight tasks.



One of the biggest driving factors behind the growth of the market is the emergence of automatic FCS. Aside from offering flight automation, AFCS boasts enhances the stability and handling of the helicopters by closely monitoring both the internal as well as the external conditions. Add to this, an automated FCS helps ensure safety and efficiency in operation of helicopters by securing the landing amidst difficult climatic conditions and low visibility. Manufacturers across the globe are coming up with a various improvements in FCS like fault tolerant flight, inertial navigation, adaptive flight, aeroservoelasticity, and trajectory control of an unmanned space re-entry vehicle.

Increasing technological advancements has resulted in the introduction of fly-by-wire (FBW) technology, which is one of the advanced versions of the FCS. This technology helps stabilize the aircraft in an automatic manner with its electronic flight control technology. The technology includes a flight computer which thoroughly analyzes the control activities of the pilot and sends electric signals to the flight control surface actuators without the need for any mechanical linkage. This major shift towards the growing usage of FBW control systems in helicopters can be a key driving factor behind the growth of the market in the coming years.

Key Players:

Liebherr Moog Sagem UTC

Woodward

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Market Segmentation

The global Cloud Services Brokerage market has been segmented in terms of type and applications.

By type, the market divides into secondary flight control system and primary flight control system.

By application, the market segments into commercial aviation, business aviation, and military aviation.

Regional Analysis

The global telepresence robots market is geographically distributed across the following key regions: Latin America, Asia Pacific, North America, Europe, and the Middle East and Africa. The Americas hold a dominant position in the helicopter FCS market and is anticipated to remain as the same in the forthcoming years. This is due to the rise in the defense budget and military spending, which has boosted the procurement of military helicopters with advanced FCS. Factors like increasing investments in military-based applications and increasing budget expenditure in countries like the US and Canada are propelling the market growth and demand of helicopter FCS in the North American region.

Competitive Landscape

The competitive market of helicopter flight control systems is highlight competitive in nature, wherein the vendors are reportedly competing on the basis of reliability, cost, product quality, and aftermarket services. The main focus of the vendors revolves around implementing robust systems in helicopters, more advanced electric technologies, and lightweight materials in helicopters for optimal efficiency in operations.

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