AUTO PILOT TECHNOLOGY WITH VOICE COMMAND ON AIRCRAFT FLIGHT SYSTEM

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Abstract
Continuously and continuously increasing air traffic with small aircraft general aviation creates a new problem, that is, many groups of pilots use it as an air vehicle. They use it as a means of local transportation for medium distances. On the other hand they are usually not professional pilots and often do not have much flight experience. They represent a different approach to aircraft control than that of professional pilots. They also expect the plane's features to be a bit different than the pros do. Therefore, there seems to be a goal to design an aircraft equipped with an avionics system dedicated to that user group. The systems mentioned above have been the subject of intense research in many scientific and technical centers around the world. All of them focus on simplifying the aircraft control process. They contain a very broad range of technical solutions to simplify not only aircraft control processes but also navigation, on-board system services, system data interpretation, identification and interpretation of flight parameters. There are navigation devices, flight management systems, security systems, automatic on-board installation monitoring systems, display and visualization systems among them.
Keywords: Autopilot, Control system, Voice command, Flight system, Aircraft

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