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### **Aircraft flight control system - Wikipedia**

variables); the  $H_\infty$  control method combines the classical shaping and the notion of bandwidth with modern  $H_\infty$  robust stabilization. In this paper, the two optimal control methods are combined by means of an intelligent algorithm and a mixed  $H_2/H_\infty$  control law will be obtained [8, 16]. This paper focuses on the automatic control of aircraft

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79 IMPACT OF AUTOMATIC AIRCRAFT CONTROL ON FLIGHT SAFETY [WPŁYW AUTOMATYCZNEGO STEROWANIA STATKIEM POWIETRZNYM NA BEZPIECZEŃSTWO LOTÓW] Robert K ONIECZKA \* Karol KOJZAR \*\* Adrian LEPA \*\*\* Paweł TYRALIK \*\*\*\* ABSTRACT: The work presents the phenomenon of automatic flight control of an aircraft.

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An autopilot is a system used to control the trajectory of an aircraft, marine craft or spacecraft without constant manual control by a human operator being required. Autopilots do not replace human operators, but instead they assist them in controlling the vehicle. This allows them to focus on broader aspects of operations such as monitoring the trajectory, weather and systems.

### **Autopilot - Wikipedia**

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