

Overreliance on Automation Best Practices for Safe Flight Operations

GAJSC study of Fatal General Aviation Loss of Control Accidents found that a significant number may have been caused, at least in part, by pilot reliance on aircraft automation rather than hand-flying skill and proficiency.

In this presentation we'll talk about recent GAJSC and FAA studies that deal with pilot management of automated aircraft systems. As the GA fleet equips with advanced technology, those studies have identified Over reliance on Automation as an emerging causal factor in accidents and incidents. Teaching Points:

- Aircraft automation has reduced pilot's physical workload but in many cases increased cognitive workload.
- GA pilots quickly come to trust automated aircraft control and mistrust their hands-on flying ability.
- Relying on automated control quickly

Event Details

Thu, May 8, 2025 at 19:00 EST
Coast Guard Auxiliary Flotilla 84 Building

5050 N Tamiami Trail
Sarasota, FL



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diminishes hand-flying proficiency.

- Pilot Deviations have increased despite the ability to navigate more accurately with GPS receivers and moving map displays.
- Pilots are not good at monitoring automated systems and consequently can miss significant deviations from plan and be surprised at what their aircraft are doing.

The building is 1,000 ft south of the intersection of University Pkwy and Tamiami Trail. It is formerly the Barnicle Bills restaurant.

A message from the National FAASTeam Manager

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