

On Second Thought - Human Factors - When Automation Becomes the Risk

Modern aviation relies heavily on automation to reduce workload and increase capability—but automation can also introduce new risks when it is misunderstood or over-trusted.

Aviators encounter automation traps through avionics modes and flight management systems. Maintainers face them through software-driven diagnostics and automated test equipment. Controllers and UAS operators rely on increasingly complex traffic-management tools. This episode explores how automation affects attention, trust, and complacency, and how aviators in every role can remain actively engaged rather than passively reliant on technology. For aviation maintenance technicians (AMTs), this includes software-driven diagnostics, automated test equipment, and system logic that must be questioned, not assumed

Event Details

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