

# ASCOS certification case study: Automatic Aircraft Recovery System (AARS)

*Case study for the testing of a novel certification approach*

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This document presents a novel aircraft system, called an Automatic Aircraft Recovery System (AARS). The objective of AARS is to reduce the number of Loss of Control accidents by providing an on-board system that can recover the aircraft automatically from Loss of Control or Loss of Situational Awareness events. The certification of this novel aircraft system has been specified as a use case within ASCOS to demonstrate the applicability of the new certification methodology and to expose potential benefits and drawbacks of the proposed ASCOS certification approach.

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