ASCOS certification case study: Aircraft system failure management

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This certification case study proposes an Autonomous Failure Management System installed on RPAs to test a newly proposed ASCOS certification approach (as documented in ASCOS D1.3) in two ways. First: to test how the ASCOS approach can provide a common certification methodology that enables a certification for the Total Aviation System, and secondly to explore how this approach could be used to further develop the common safety standards (e.g. EUROCAE ED78A) already existing.

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