

Proposed Equivalent Safety Finding on CS 25.795(c)(3)(iii) : Security considerations

Applicable to Airbus A350-941, with Skycouch™ installation.

Introductory Note:

The hereby presented Equivalent Safety Finding has been classified as an important Equivalent Safety Finding and as such shall be subject to public consultation, in accordance with EASA Management Board decision 12/2007 dated 11 September 2007, Article 3 (2.) of which states:

"2. Deviations from the applicable airworthiness codes, environmental protection certification specifications and/or acceptable means of compliance with Part 21, as well as important special conditions and equivalent safety findings, shall be submitted to the panel of experts and be subject to a public consultation of at least 3 weeks, except if they have been previously agreed and published in the Official Publication of the Agency. The final decision shall be published in the Official Publication of the Agency."

Statement of Issue:

An applicant has developed a STC for A350-900 series aircraft that will replace 12 of the existing approved Economy Class triple seats with Skycouch™ series Economy Class triple seats.

A350-900 aeroplanes must comply with CS 25.795(c)(3)(iii) at Amendment 9, which requires that life preservers or their storage locations must be designed so that tampering is evident.

The Skycouch™ life preserver compartment door restraint design allows the door to be opened without initiating the tamper proof seal such that undetected access to the inside of the container is possible and therefore the design is not fully compliant with CS 25.795(c)(3)(iii).

Equivalent Safety Finding to CS 25.795(c)(3)(iii) : Security considerations

– Airbus 350-941 –

Applicant Proposal:

The applicant proposed the following actions to be incorporated:

1. The Applicant will provide a supplement to the Airplane Flight Manual, requiring an additional mandatory inspection of the Skycouch™ life preserver containers and tamper evident seals on the life preservers themselves, to be performed prior to every flight.
2. The Applicant will include details of how to perform the additional mandatory inspections in the Maintenance Manual Supplement, together with instructions for

replacing any tamper evident seals that may be accidentally damaged or broken during the inspections.

Applicant Safety Equivalency Demonstration:

The additional mandatory inspections of the life preservers themselves and the insides of the life preserver containers will ensure that no tampering of the life preservers has taken place and that no foreign or suspicious objects have been placed in any of the life preserver containers.

EASA considers the implementation of these additional inspections before every flight to provide an equivalent level of safety to full and literal compliance to CS 25.795(c)(3)(iii).