

## Standard Change CS-SC003d

### INSTALLATION OF AUDIO SELECTOR PANELS AND AMPLIFIERS

#### 1. Purpose

This SC is for the installation of audio selector panels and amplifiers.

Audio selector amplifiers that feature automatic speech recognition are eligible for installation by means of this SC only if the automatic speech recognition feature is disabled.

#### 2. Applicability/Eligibility

This SC is applicable to aeroplanes and to rotorcraft that are not complex motor-powered aircraft, and to any ELA2 aircraft.

#### 3. Acceptable methods, techniques, and practices

The following standards contain acceptable data:

- FAA Advisory Circular AC 43-13-2B, Chapter 2; and
- FAA Advisory Circular AC 43.13-1B, Chapter 11 or ASTM F2639-18 or subsequent revisions.

Additionally, the following conditions apply:

- the equipment is authorised in accordance with ETSO-C50c or ETSO-C139a, or later amendments, or equivalent standards;
- the equipment has at least the audio functionality of the previously installed equipment, and is compatible with the existing installation;
- the equipment is compatible with the connections to the existing communication and navigation systems;
- the equipment is suitable for the environmental conditions to be expected during normal operations; see CS STAN.42 in Subpart A for guidance; and
- the instructions and tests defined by the equipment manufacturer are followed.

#### 4. Limitations

Any limitations defined by the equipment manufacturer apply.

Any limitations of the existing installation remain valid.

In the case of aircraft approved for NVIS/NVG, the change cannot be considered a SC.

#### 5. Manuals

Amend the AFM with an AFMS that contains or references the equipment instructions for operation, as required.

If the audio selector includes connections to equipment with functions that are not part of the aircraft's control system or navigation system, and which may emit distracting sounds, add a limitation in the AFMS stating that these functions shall not be used during take-off and landing. Examples of such functions include telephony, personal messaging functions and music players.

Amend the ICAs to establish maintenance actions/inspections and intervals, as required.

**6. Release to service**

This SC is not suitable for the release to service of the aircraft by the pilot-owner.

[Issue: STAN/2]

[Issue: STAN/3]

[Issue: STAN/4]