

Standard Change CS-SC054b

EXCHANGE OF DISTANCE-MEASURING EQUIPMENT (DME)

1. Purpose

Exchange of DME operating within the radio frequency range of 960–1215 MHz. This SC does not include installation of antennas.

2. Applicability/Eligibility

Aeroplanes not being complex motor-powered aircraft, rotorcraft not being complex motor-powered aircraft and any ELA2 aircraft.

3. Acceptable methods, techniques, and practices

The following standards contain acceptable data:

- FAA Advisory Circular AC 43-13-2B, Chapter 2.

Additionally, the following applies:

- the equipment is authorised in accordance with ETSO-2C66b, or later amendment, or equivalent;
- the equipment has the same functionality, is installed at the same location, and is compatible with the existing installation;
- the equipment is compatible with connections to existing flight management/navigation systems;
- the equipment is qualified for the environmental conditions to be expected during normal operation; and
- instructions and tests defined by the equipment manufacturer have to be followed.

4. Limitations

Any limitations defined by the equipment manufacturer apply.

The equipment installation cannot be used to extend the operational capability of the specific aircraft.

In the case of rotorcraft approved for NVIS, if cockpit panels are to be inserted, the change cannot be considered an SC.

5. Manuals

Amend AFM with AFMS containing or referencing the relevant equipment instructions for operation, as required.

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

6. Release to service

This SC is not suitable for release to service by the Pilot-owner.

[Issue: STAN/2]