

European Aviation Safety Agency

European Technical Standard Order

Subject: AIRBORNE SELECTIVE CALLING EQUIPMENT

1 - Applicability

This ETSO provides the requirements which airborne selective calling equipment that are designed and manufactured on or after the date of this ETSO must meet in order to be identified with the applicable ETSO marking.

2 - Procedures

2.1 - General

Applicable procedures are detailed in CS-ETSO, Subpart A.

2.2 - Specific

None.

3 - Technical Conditions

3.1 - Basic

3.1.1 - Minimum Performance Standard

Standards set forth in RTCA document RTCA/DO-93A, Minimum Operational Performance Standards (MOPS) for Airborne Selective Calling (SELCAL) Equipment, dated March 17, 2016.

Demonstrate the required functional performance under the test conditions specified in RTCA/DO-93A, Minimum Operational Performance Standards for Airborne Selective Calling (SELCAL) Equipment, Section 2.4, dated March 17, 2016.

Demonstrate the required performance under the test conditions specified in RTCA/DO-93A, Section 2.3, using environmental conditions identified in paragraph 3.1.2 of this ETSO and test procedures appropriate for airborne equipment.

3.1.2 - Environmental Standard

See CS-ETSO, Subpart A, paragraph 2.1.

3.1.3 - Software

See CS-ETSO, Subpart A, paragraph 2.2.

3.1.4 - Airborne Electronic Hardware

See CS-ETSO, Subpart A, paragraph 2.3.

3.2 - Specific

3.2.1 - Failure Condition Classification

See CS-ETSO, Subpart A, paragraph 2.4.

Failure of the function defined in paragraph 3.1.1 of this ETSO is a minor failure condition.

Loss of the function defined in paragraph 3.1.1 of this ETSO is a minor failure condition.

4 - Marking

4.1 - General

Marking as detailed in CS-ETSO, Subpart A, paragraph 1.2.

4.2 - Specific

None

5 - Availability of Referenced Document

See CS-ETSO, Subpart A, paragraph 3.