

European Aviation Safety Agency

European Technical Standard Order

Subject: TEMPERATURE INSTRUMENTS

1 - Applicability

This ETSO gives the requirements which new models of temperature instruments that are 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 the SAE Aerospace Standard (AS) 8005 „Minimum Performance Standard for Temperature Instruments“, reaffirmed October, 1984 as amended and supplemented by this ETSO:

Exceptions:

- (i) In the friction error test SAE AS 8005, paragraph 4.8, the vibration (to minimize friction) provisions of paragraph 4.3 do not apply.
- (ii) For clarification, the vibration test of SAE AS 8005, paragraph 5.8, shall be conducted in accordance with the test procedure of RTCA document DO-160D, paragraph 8.5.1.

3.1.2 - Environmental Standard

See CS-ETSO Subpart A paragraph 2.1.

3.1.3 -Computer Software

See CS-ETSO Subpart A paragraph 2.2.

3.2 - Specific

None.

4 - Marking

4.1 - General

Marking is 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.

