

European Aviation Safety Agency

European Technical Standard Order (ETSO)

SUBJECT: VERTICAL VELOCITY INSTRUMENT (RATE-OF-CLIMB)

1 – Applicability

This ETSO gives the requirements which new models of vertical velocity 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) document: AS 8016A "Vertical Velocity Instrument (Rate-of-Climb)" dated September 1996.

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

3.1.4 Electronic Hardware Qualification

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 has been determined to be a minor failure condition.

4 - Marking

4.1 - General

Marking is detailed in CS-ETSO Subpart A paragraph 1.2.

4.2 – Specific

See SAE AS 8016 paragraph 1.2

5 - Availability of Referenced Document

See CS-ETSO Subpart A paragraph 3