

European Aviation Safety Agency

European Technical Standard Order

Subject: DIRECTION INSTRUMENT, NON-MAGNETIC (GYROSCOPICALLY STABILIZED)

1 — Applicability

This ETSO provides the requirements which Direction Instruments, Non-Magnetic (Gyroscopically Stabilized) 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 the SAE Aerospace Standard AS8021, 'Direction Instrument, Non-Magnetic (Gyroscopically Stabilized)', dated March 16, 1981.

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

None.

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 resulting in misleading information is a major failure condition. Failure of the function defined in paragraph 3.1.1 of this ETSO resulting in loss of information is a minor failure condition.

4 — Marking

4.1 — General

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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.