European Aviation Safety Agency

European Technical Standard Order

Subject: ELECTRIC TACHOMETER: MAGNETIC DRAG (INDICATOR AND GENERATOR)

1 - Applicability
This ETSO gives the requirements which electric tachometers: magnetic drag (indicator and generator) 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 404B dated February 1, 1959, and reconfirmed May 1991, as amended and supplemented by this ETSO:
Exceptions.
(i) The following specifically numbered parts in AS-404B do not concern minimum performance and therefore are not essential to compliance with this paragraph: Parts 3.1, 3.1.1, 3.1.2, 3.2, 3.2(a)(b)(c)(d)(e)(f), 4.1.3.1, 4.1.3.2, 4.1.3.3, 4.1.3.4, and 4.1.3.5.
(ii) In lieu of part 7 in AS-404B, it is a requirement that tachometers covered by this paragraph be capable of successfully passing the tests in parts 7.1 through 7.8.
3.1.2 - Environmental Standard
As prescribed in AS 404B.
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; in addition, range and rating shall be shown.
4.2 - Specific
None.

5 - Availability of Referenced Document
See CS-ETSO Subpart A paragraph 3.