

# 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.

