

European Aviation Safety Agency

European Technical Standard Order

Subject: FUEL AND OIL QUANTITY INSTRUMENTS (RECIPROCATING ENGINE AIRCRAFT)

1 - Applicability

This ETSO gives the requirements which fuel and oil quantity 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) 405B „Fuel and oil quantity Instruments“, dated July 15, 1958 as amended and supplemented by this ETSO:

- (i) Conformance with the following paragraphs of AS 405B is not required: 3.1; 3.1.1, 3.1.2, 3.2 and 4.2.1.
- (ii) Substitute the following for paragraph 7: „Performance tests: The following tests, in addition to any others deemed necessary by the manufacturer, shall be the basis for determining compliance with the performance requirements of this standard“.

3.1.2 - Environmental Standard

As specified in the SAE Aerospace Standard AS 405B.

3.1.3 – Computer Software

None

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.

