

European Aviation Safety Agency

European Technical Standard Order

Subject: AIRBORNE DOPPLER RADAR GROUND SPEED AND/OR DRIFT ANGLE MEASURING EQUIPMENT (FOR AIR CARRIER AIRCRAFT)

1 - Applicability

This ETSO gives the requirements which airborne doppler radar ground speed and/or drift angle measuring equipment that is 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 EUROCAE document MPS/WG7C/1-74 (RTCA DO-158), as amended and supplemented by this ETSO:

In addition to paragraph 1.0, General Standards, of RTCA DO-158, all materials used except small parts (such as knobs, fasteners, seals, grommets and small electrical parts) that would not contribute significantly to the propagation of a fire, must be self-extinguishing when tested in accordance with applicable requirements of CS 25 Appendix F.

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.

3.2 - 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.

