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.