European Aviation Safety Agency

European Technical Standard Order

Subject: AIRBORNE WEATHER AND GROUND MAPPING PULSED RADARS

1 - Applicability
This ETSO gives the requirements which airborne weather and ground mapping pulsed radars 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
In addition to requirements of EUROCAE document ED-38, 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.