European Aviation Safety Agency

European Technical Standard Order

Subject: HIGH FREQUENCY (HF) RADIO COMMUNICATIONS TRANSMITTING EQUIPMENT OPERATING WITHIN THE RADIO FREQUENCY RANGE 1.5-30 MEGAHERTZ.

1 - Applicability
This ETSO gives the requirements which new models of high frequency radio communications transmitting equipment operating within the radio frequency range 1.5-30 megahertz 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 - General
3.1.1 - Minimum Performance Standard
Additions
In addition to paragraph 1.0, General Standards, of RTCADO-163, 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 25.869(a)(4) and Appx 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.