

European Aviation Safety Agency

European Technical Standard Order

Subject: HIGH FREQUENCY (HF) RADIO COMMUNICATIONS RECEIVING 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 receiving 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

Standards set forth in Radio Technical Commission for Aeronautics (RTCA) Document DO-163 dated March 19, 1976 as amended and supplemented by this ETSO.

Additions

In addition to paragraph 1.0, General Standards, of RTCA DO-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.

