

# 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

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.

