

**European
Aviation
Safety
Agency**

ETSO-2C112b

Date: 18.07.06

European Technical Standard Order

**Subject: AIR TRAFFIC CONTROL RADAR BEACON
SYSTEM/MODE SELECT (ATCRBS/MODE S)
AIRBORNE EQUIPMENT**

1 - Applicability

This ETSO gives the requirements which airborne Mode S air traffic control (ATC) transponder 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 O.

2.2 - Specific

None.

3 - Technical Conditions

3.1 - General

3.1.1 - Minimum Performance Standard

Standards set forth in EUROCAE document ED-73B, 'MOPS for SSR Mode S Transponders', dated January 2003.

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