European Aviation Safety Agency

European Technical Standard Order

Subject: Ground Based Augmentation System Very High Frequency Data Broadcast Equipment

1 - Applicability
This ETSO gives the requirements which Ground Based Augmentation System Very High Frequency Data Broadcast Equipment 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

NOTE: All RTCA/DO-253C references to RTCA/DO-246() apply to RTCA/DO-246B, GNSS-Based Precision Approach Local Area Augmentation System (LAAS) Signal-In-Space Interface Control Document (ICD), dated November 28, 2001. Modifications to these references are noted in appendix 2 of ETSO-C161a.

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.

3.1.4 - Electronic Hardware Qualification
See CS-ETSO Subpart A paragraph 2.3.

3.2 - Specific
3.2.1 Failure Condition Classification
See CS-ETSO Subpart A paragraph 2.4.

Failure or loss of the function defined in paragraph 3.1.1 of this ETSO has been determined to be a minor failure condition.

4 - Marking
4.1 - General
Marking as 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.