European Aviation Safety Agency

European Technical Standard Order

Subject: Avionics Supporting Next Generation Satellite Systems (NGSS) = Airborne Iridium Satellite Transceiver for Voice or Data

1 - Applicability
This ETSO gives the requirements which Avionics Supporting Next Generation Satellite Systems (NGSS) = Airborne Iridium Satellite Transceiver for Voice or Data that are manufactured on or after the date of this ETSO must meet in order to be identified with the applicable ETSO marking.

The ETSO Authorisation does not include the verification of aspects (e.g. quality and continuity of electric power) which shall be assessed at aircraft level, but it includes verification of the system behaviour in presence of such failure conditions.

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

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 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.