

ETSO-C27a

ED Decision 2020/011/R (applicable from 25.7.2020)

TWIN SEAPLANE FLOATS**1 Applicability**

This ETSO provides the requirements which twin seaplanes floats that are designed and 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**

The 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**

The applicable standards are those provided in Aerospace Industries of America, Inc., National Aerospace Standard (NAS) 807, Revision 2, Twin Seaplane Floats, dated 30 June 2017.

3.1.2 Environmental Standard

See CS-ETSO, Subpart A, paragraph 2.1.

3.1.3 Software

See CS-ETSO, Subpart A, paragraph 2.2.

3.1.4 Airborne Electronic Hardware

See CS-ETSO, Subpart A, paragraph 2.3.

3.2 Specific**3.2.1 Functionality**

The standards of this ETSO apply to twin seaplane floats that are suitable for use on aeroplanes.

3.2.2 Failure Condition Classification

A failure condition classification is not required.

3.2.3 Functional Qualification

The materials and workmanship must conform to the requirements specified in Section 3 of NAS 807, Revision 2. The functional performance must be demonstrated under the test conditions specified in Section 4 of NAS 807, Revision 2. The applicant must define the design parameters to which the article is qualified (e.g. maximum aeroplane weight, V_{so} , etc.).

4 Marking

4.1 General

See CS-ETSO, [Subpart A](#), paragraph 1.2.

4.2 Specific

None.

5 Availability of Referenced Documents

See CS-ETSO, [Subpart A](#), paragraph 3.

[Amdt ETSO/16]