

European Aviation Safety Agency

European Technical Standard Order

Subject: TWIN SEAPLANES FLOATS

1 - Applicability

This ETSO gives the requirements which twin seaplanes floats 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

Standards set forth in the National Aircraft Standards Specification NAS 807, dated June 1, 1951 as amended and supplemented by this ETSO:

- (i) Section 4.3.3.4 Unsymmetrical Landing. Two-Float Landing with Drift.

Third sentence :

„The side load shall be $\tan b/4$ times the step landing load of 4.3.3.1.“

- (ii) Section 4.3.3. Limit Load Factors for General Structure Design. Definition of symbols following subpart (b) :

„ V_{SO} = airplane design stalling speed at design landing weight with zero thrust and landing flaps or other high lift devices in position for landing.

W = one half the airplane design landing weight.“

3.1.2 - Environmental Standard

None.

3.1.3 – Computer Software

None

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.

