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 tanb/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.