

European Aviation Safety Agency

European Technical Standard Order

Subject: AIRCRAFT SEATS AND BERTHS

1 - Applicability

This ETSO gives the requirements which aircraft seats and berths that are manufactured on or after the date of this ETSO must meet in order to be identified with the applicable ETSO marking for the following types:

- Type I – Transport/Large Aeroplane (9g forward load)
- Type II – Normal and Utility
- Type III – Aerobatic
- Type IV – Rotorcraft

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 Aerospace Standard (NAS) Specification 809, dated January 1, 1956 with the following exceptions, and as amended and supplemented by this ETSO:

Exceptions

- (i) The sideward loads as specified in 4.1.2. Table I of NAS 809 need not exceed the requirements of the applicable Certification Specification (CS).
- (ii) In lieu of compliance with 2.1, 3.1.2, and 4.3.2 of NAS 809, materials in Type I seats must comply with the fire protection requirements of CS 25.853, including the requirements of CS 25.853(c). Materials in Type I berths must comply with the fire protection provisions of CS 25.853(b).

Additions

Tests for Fire Blocking of Seat Cushions Tests must be conducted in accordance with Appendix F, Part II of CS 25.

3.2 - Specific

None.

4 - Marking

4.1 - General

Marking as detailed in CS-ETSO Subpart A paragraph 1.2. In addition, the following additional information must be shown when tested to the fire blocking requirements above:

„Compliance with CS 25.853(c),“

4.2 - Specific
None.

5 - Availability of Referenced Document

See CS-ETSO Subpart A paragraph 3.