

MIL-C-172C  
 INTL AMENDMENT 5 (USAF)  
 14 February 1977

MILITARY SPECIFICATION SHEET

INTERIM AMENDMENT

CASES; BASES, MOUNTING; AND MOUNTS, VIBRATION  
 (For use with Electronic Equipment in Aircraft)

This interim amendment is issued for use by the Department of the Air Force with Specification MIL-C-172 dated 08 December 1958.

1. Page 5, paragraph 3.5.2.1: Delete and substitute:
  - 3.5.2.1 Locking Devices
    - 3.5.2.1.1 Safety Wiring. Locking devices requiring safety wiring shall not be used.
    - \* 3.5.2.1.2 Self Locking Devices. Self locking devices shall be used in all cases, bases, and mounts to prevent loosening thereof under vibration. Locking devices shall be in accordance with MS27600, MS27601, MS14108, or MS14109.
2. Page 7, paragraph 3.6 Performance:
  - 3.6.2 Bonding: Add the following: "Electrical Bonding shall be designed to comply with MIL-B-5078, Class R."
    - 3.6.2.1 Cases with mounting base. Delete: "(dc) resistance shall not exceed 11 milliohms," and substitute: "the dc resistance shall not exceed 2.5 milliohms."
    - 3.6.2.2 Mounting Base. Delete: "the dc resistance shall not exceed 6 milliohms," and substitute: "the dc resistance shall not exceed 1 milliohm."
3. Page 11, Table I, Bonding. Requirement paragraph, delete: "3.6.2.2" and substitute: "3.6.2."
4. Page 15, paragraph 4.6.3.2, delete last sentence and substitute: "This test is applicable to all cases and mounting bases and individual mounting bases. Measurements shall be taken without removing or puncturing protective finishes or coatings. Probes used for the measurement shall not be pointed, but shall be spherically shaped. (See 3.6.2)"
5. Page 22, paragraph 30.2, add the following exception to (a):
  5. "If the submission includes front clamp assemblies equipped with self locking devices, and further includes a tray and vibration mounts which have already been qualified together as a mounting base with conventional front clamp assemblies, qualification inspection of the base will consist only of visual and dimensional inspection, salt spray, and shock (4.6.5.3)."

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6. Figure 6 of Amendment 2 has been deleted.

NOTE: The margins of this amendment are marked with an asterisk to indicate where changes from the previous amendment were made. This was done as a convenience only and the Government assumes no liability whatsoever for any inaccuracies in these notations. Bidders and contractors are cautioned to evaluate the requirements of this document based on the entire content irrespective of the marginal notations and relationship to the last previous amendment.

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