

MIL-C-172C
Amendment 2
20 OCT 1966

MILITARY SPECIFICATION

Cases; Bases, Mounting; and Mounts,
Vibration (For Use with Electronic
Equipment in Aircraft)

This amendment forms a part of Military Specification MIL-C-172C, 8 December 1958, and is mandatory for use by all departments and Agencies of the Department of Defense.

1. Page 5, paragraph 3.5.2.1: Delete and substitute:

"3.5.2.1 Locking devices.

3.5.2.1.1 Safety wiring. Safety wiring, passing through holes provided for that purpose in the thumb nuts or wing nuts of the fastener assembly and in the mounting base, shall be used to prevent loosening thereof under vibration.

3.5.2.1.2 Automatic locking devices. For all Air Force procurement only automatic locking devices shall be used in all cases, bases, and mounts to prevent loosening thereof under vibration. Dimensions shall be within the envelop shown in figure 6. For Army and Navy procurement suitable automatic locking devices may be used provided they are specified by the procuring activity.

Figure 6: Add new figure 6. Figure 6 forms page 2 of this amendment.

2. Page 18, paragraph 6.2: Add the following:

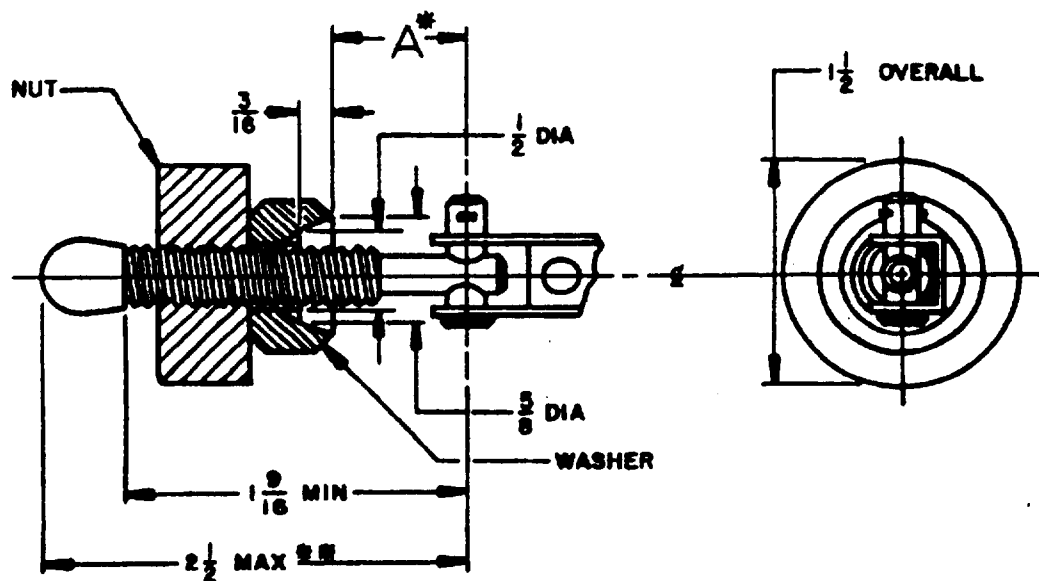
"(1) For mounting bases, the type of locking device shall be specified (see 3.5.2.1).

3. Page 22, paragraph 30.2: Add the following exception to (a):

"5. If the submission includes front clamp assemblies equipped with automatic 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, as a result of a previous submission under the provisions of 30.2, qualification inspection of the base will consist only of visual and dimensional inspection, salt spray, and shock (4.6.5.3 only)."

FSC 5975, 5340

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* CLEARANCE ON OPEN OR
EXTENDED POSITION 1-3/8 MIN FOR DIM "A"

** THIS DIM SHALL BE NO GREATER
THAN NECESSARY TO MEET THE
MIN CLEARANCE OF DIM "A"

MATERIAL: CORROSION-RESISTANT STEEL

Figure 6. Automatic Locking Device

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Custodians:

Army-EL

Navy-AS

Air Force-11

Review Activities:

Army-EL, MU, MI

Navy-AS

Air Force-85

Preparing Activity:

Navy-AS

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