

MILITARY SPECIFICATION

SYNCHROS, 60 CYCLE, 115 VOLT

This amendment forms a part of MIL-S-2335, dated 8 August 1950, and is mandatory for use by all Departments and Agencies of the Department of Defense.

Page 5

1.6: Delete last sentence.

Page 23

3.3 10. Delete paragraph in its entirety and substitute the following:

"3.3 10 Bearings - Ball bearings of the radial thrust type shall be used. Balls, races, retainers, and shields shall be made of corrosion resisting steel and shall conform to ABMA Standard ABEC-5, or better."

Page 56

4 2 17 1 Delete paragraph in its entirety and substitute the following.

"4.2 17 1 Structureborne Noise Test - When required by the procuring activity, synchros shall be tested for structureborne noise and shall be within the limits established by MIL-STD-740 (Ships). Synchros which meet the requirements shall be identified by part numbers as indicated in the procurement documents."

Page 57

4 2 17 2 Delete paragraph in its entirety and substitute the following:

"4 2 17 2 Mounting and Fixture - The mounting instructions described in MIL-STD-740 (Ships) shall be the prescribed method

Page 57 (Cont'd)

for conducting the structureborne noise test. The alternate mounting instructions described herein shall be used only when specified by the procuring activity. The synchro shall be mounted on the noise test fixture described by Figures 9 and 10 utilizing standard mounting hardware. The synchro shall be oriented on the test fixture with the synchro zero mark in the vertically up position. The unit and fixture combination shall be suspended as shown in Figure 10 in such a manner that the axis and the top edge of the mounting plate are horizontal within five degrees"

4 2 17 3 Delete paragraph in its entirety.

4 2 17 4 Delete paragraph in its entirety

Page 58

Replace page 58 (Figure 9 "Block Diagram of Synchro Noise Test") with new page 58. (Figure 9 "Noise Test Fixture") See page 3 of this amendment.

Addition of new page

Following page 58 (Figure 9) add new page (Figure 10 "Test Fixture Application for Structureborne Noise Testing") See page 4 of this amendment.

Custodians

Army - MU
Navy - AS
Air Force - 85

Preparing Activity:

Navy - AS
(Project No. 5990-0283)

Review Activities

Army - EL, MI, MO, AV, MU
Navy - SH, OS, AS
Air Force - 11, 17, 85

User Activities

Navy - SH, OS, AS, MC, CG

MIL-S-2335
AMENDMENT 1

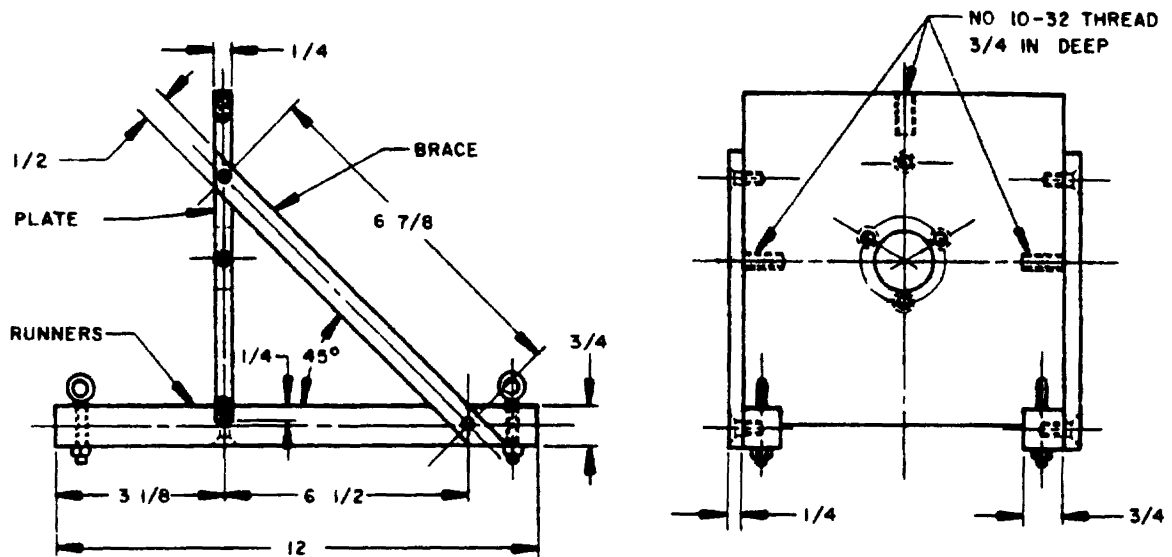
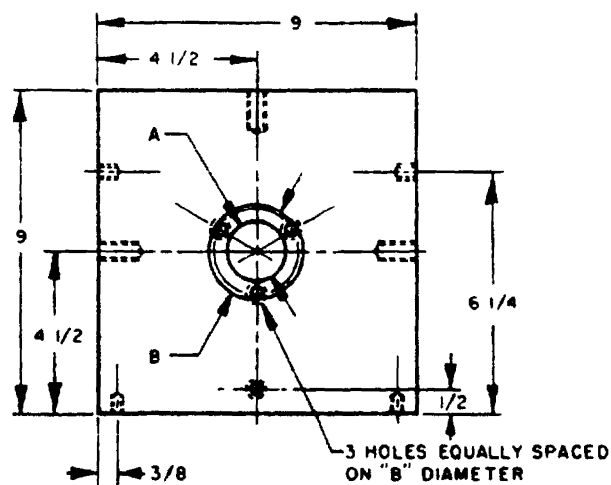


PLATE MATERIAL
BRACE AND RUNNER MATERIAL
TOLERANCES

24ST ALUMINUM
LAMINATED PHENOLIC
+ 0.010, -0.000, FOR
LETTERED DIMENSIONS
± 1/64TH FOR OTHERS



DIMENSIONS IN INCHES UNLESS OTHERWISE SPECIFIED

FIGURE 9. NOISE TEST FIXTURE

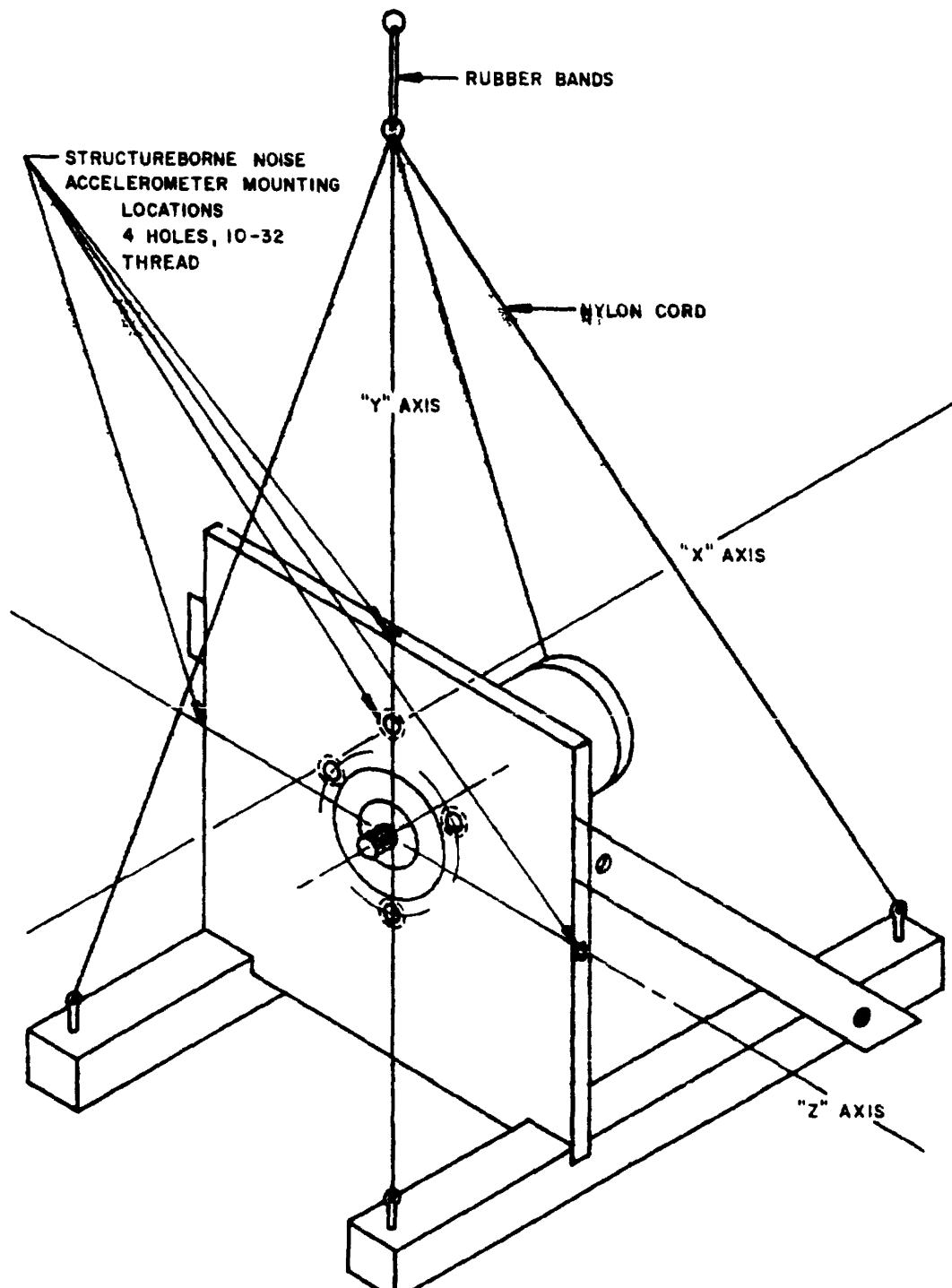


FIGURE 10. TEST FIXTURE APPLICATION FOR STRUCTUREBORNE NOISE TESTING