

MIL-L-12606D
 AMENDMENT 1
 15 February 1980

MILITARY SPECIFICATION

LOUDSPEAKER, PERMANENT MAGNET (UNENCASED, 3-INCH AND 4-INCH DIAMETER CONE,
 -2-WATT; FUNGUS-, GUNBLAST-, AND IMMERSION-RESISTANT),
 TYPE LS-445/U, M12606-01, and M12606-02

This amendment forms a part of Military Specification MIL-L-12606D,
 dated 25 October 1979, and is approved for use by all Departments
 and Agencies of the Department of Defense.

PAGE 16

Paragraph 4.7.7, delete and substitute.

"4.7.7 Harmonic distortion (see 3.4.6). The loudspeaker shall be mounted in its appropriate test cabinet. A constant voltage having a rms value of 4.00 ± .1 volts at discrete frequencies of 400, 2,000 and 4,000 Hz ± 10% shall be applied to the voice coil terminals of loudspeaker type LS-445/U and M12606-02. A constant voltage having a rms value of 4.00 ± .1 volts at discrete frequencies of 500, 2,000 and 4,000 Hz ± 10% shall be applied to the voice coil terminal of loudspeaker type M12606-01. Harmonic distortion shall be determined by one of the methods specified in 4.7.7.1 or 4.7.7.2."

Paragraph 4.7.7.2, line 3, following "determined by the following formula", insert:

$$\text{"Percent distortion} = 100 \times \sqrt{\frac{p_2^2 + p_3^2 + \dots + p_n^2}{p_1^2 + p_2^2 + p_3^2 + \dots + p_n^2}} \text{"}$$

Paragraph 4.7.8, line 1, delete "mounted in a test cabinet (figure 4)" and substitute "mounted in its appropriate test cabinet".

Custodians
 Army - CR
 Navy - EC
 Air Force - 85

Review activities:
 Army - AR
 Navy -
 Air Force - 99
 DLA - ES

User activities:
 Army - AR, AV
 Navy - MC

Preparing activity
 Army - CR

Agent:
 DLA - ES

(Project 5965-0173)

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