

LOUDSPEAKER, DYNAMIC

(LS-112()/U, LS-116()/U, LS-148()/U, LS-160()/U,
LS-179()/U, LS-181()/U) And Loudspeaker Assembly
(LS-154()/U and LS-206()/U)

1. Paragraph 4.2 through 4.3.4 Replace with the following:

4.2 Preproduction inspection.- Preproduction inspection shall consist of the group A and group C inspection specified in tables III, and IV, respectively, and the preproduction inspection specified in table II. Other nondestructive inspection on preproduction samples may be performed to determine compliance with specified requirements.

Table II - Preproduction inspection

Inspection (For additional preproduction inspection see 4.2)	Requirement Paragraph	Test Paragraph
Cold	3.4	4.10.1
Heat	3.4	4.10.2
Humidity	3.4	4.10.3
Bounce		4.10.4

4.3 Acceptance inspection.- Acceptance inspection shall include group A, and group C inspection as specified in 4.3.1 through 4.3.3.2. Group C inspection shall normally be performed on inspection lots that have passed group A inspection and on samples selected from units that have been subjected to and met the group A inspection. However, the order may be varied when the Government considers it more practical to select separate samples for group C inspection. Each unit which will be subjected to group A or group C inspection shall be preconditioned after final assembly. (See 4.4).

4.3.1 Group A inspection.- Group A inspection (including sampling) shall conform to table III and Standard MIL-STD-105. Group A inspection shall be performed in any order which is satisfactory to the Government inspector.

Table III - Government group A inspection

Inspection	Requirement Paragraph	Test Paragraph	AQL
Loudspeaker unit	3.6.1	MIL-D-10911	MIL-D-10911
Transformer	3.9	4.5	MIL-T-27
<u>Completed loudspeaker assembly</u>			
Visual and mechanical, major		4.5	1%
Visual and mechanical, minor		4.5	4%
Visual and mechanical, control		4.5	25 dphu
Sweep frequency	3.6.1	4.7	1%
Quality test	3.6.1	4.7	1%

4.3. Group B inspection.- Group B inspection is not required.

4.3.3 Group C inspection.- Group C inspection shall be as listed in Table IV.

4.3.3.1 Sampling for inspection of equipment.- One out of each one hundred equipments, for each group C inspection shall be selected without regard to their quality, by the Government inspector.

4.3.3.2 Noncompliance.- If a sample unit fails group C inspection, the contractor shall immediately investigate the cause of failure and shall report to the Government inspector the results thereof and details of the corrective action taken on the process and all units of product which were manufactured with the same conditions, materials, processes, etc. If the Government inspector does not consider that the corrective action will enable the product to meet specified requirements, or if the contractor cannot determine the cause of failure, the matter shall be referred to the contracting officer.

Table IV - Government group C inspection

Inspection	Rqt. lots	Test lots
Endurance	3...1	4.9

4.3.4 Reinspection of conforming group C sample units.- Unless otherwise specified, sample units which have been subjected to and passed group C inspection, may be accepted on contract, provided that they are resubjected to and pass group A inspection after repair of all visible damage.

4.3.5 Disposition of nonconforming product.- When defective sample units or rejected inspection lots are resubmitted or affected portion of product is submitted for acceptance, such product shall be suitably tagged or identified by equivalent means to indicate the cause of failure and means employed to correct the fault. The record shall be presented to the Government when the product is submitted and shall become the property of the Government.