

MIL-H-55535 (EL)
Amendment 1
2 May 1968

MILITARY SPECIFICATION

Headset-Microphone Kit MK-1039/G

This amendment forms a part of Military Specification MIL-H-55535 (EL), 23 Jan 67, and is mandatory for use by all departments and agencies of the Department of Defense.

1.. Page 1 paragraph 2.1: Under Drawings, replace "SM-D-436079" with "SC-DL-436079". Add "SC-D-621083 Microphone and Earphone Test Chamber".

2.. Page 9, paragraph 3.10: replace "SM-D-436079" with "SC-DL-436079".

3. Page 11, paragraph 4.3: replace with:

4.3 First Article Inspection - This inspection shall be performed by the contractor, and witnessed by a representative of the contracting officer. It consists of Groups A, B, and C inspection. The several classes of inspection shall be effected in the following order: (1) Group A, (2) Group B, (3) Group C. After the completion of Group C testing, acceptable units shall be subjected to, and pass, all Group A inspection.

4. Page 13, paragraph 4.5.3.1: Retain title of paragraph only; replace the text with: "Sampling comprises two phases, as follows:

4.5.3.1.1 Initial Sampling - Ten samples of the complete headset-microphone, and six samples of the switch assembly shall be selected at random from the first 1,000 units produced on the order, or contract. These samples comprise the first quality-conformance inspection lot. The ten samples of the headset-microphone shall be subdivided into pairs, and designated as C-1 thru C-5. These pairs shall be subjected to Group C inspection, as shown in Table IV. The six samples of the switch assembly shall be designated as C-6, and subjected to the switch life test, listed in Table IV.

4.5.3.1.2 Production Sampling - Subsequent to the initial sampling, six samples of the complete headset-microphone, and two samples of the switch assembly, shall be selected, at random, from each subsequent 1,000 units produced on the order, or contract. These samples comprise production quality-conformance, Group C, inspection lots. The six samples of the headset-microphone shall be subdivided into pairs (as before) and designated as C-3 thru C-5. These pairs shall be subjected to Group C inspection, as shown in Table IV. The two samples of the switch assembly shall be designated as C-6 (as before) and subjected to the switch life test, listed in Table IV.

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4.5.3.1.3 Orders for less than 1,000 units - Orders for less than 1,000 units shall be subject to sampling, and Group C testing, in the same manner as is required on orders for more than 1,000 units. The number of units constituting the basis of such inspection, however, is reduced from 1,000 to 100, and a sampling and Group C inspection is also required on the last 100 units produced on the order.

5. Page 14, paragraph 4.5.3.2: Replace with:

4.5.3.2 Group C inspection failure - In the event that a production sample unit fails to pass any of the Group C inspection, or tests, the production lot from which the defective sample was taken shall be set aside. The circumstances attending such failure shall be investigated as soon as possible by the contractor, and the established facts reported to the Government inspector. Pending the determination by the Government inspector, or the contracting officer, as to the significance of such failure, and the remedial action to be taken, acceptance of all units which are suspected of deficiencies, shall be forthwith suspended. Also, any production which is effected subsequent to the date of the Group C inspection failure, will be the contractor's risk; any production lot, or fraction thereof, submitted to the Government for acceptance, will be subjected to whatever inspection procedure may be deemed appropriate by the Government.

6. Page 14, Table IV - Group C Inspection: Replace the table itself with the following:

<u>Inspection</u>	<u>Reg't Para</u>	<u>Insp Para</u>
C-1		
Salt Spray	3.8.5	4.13.5
C-2		
Blast	3.8.6	4.13.6
C-3		
Temperature	3.8.1	4.13.1
Immersion	3.8.4	4.13.4
C-4		
Moisture Resistance	3.8.2	4.13.2
Elevation	3.8.3	4.13.3
C-5		
Vibration	3.8.7	4.13.7
Bounce	3.8.8	4.13.8
Shock(Drop)	3.8.9	4.13.9
C-6		
Switch Life	3.9	4.12

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7. Page 14, paragraph 4.5.4: Add the following clause: "excepting that switches that have been subjected to the life test, as herein specified, are not acceptable".

8. Page 15, paragraph 4.7.3.1: Replace the first phrase in the first sentence, "By means of apparatus detailed in Figure 3", with "By means of the test chamber detailed in Drawing SC-D-621083".

9. Page 16, Figure 3: Delete in its entirety. (This information is now given in Drawing SC-D-621083).

10. Page 19, paragraph 4.7.4: Replace with: "Dielectric Strength and Insulation Resistance - The microphone element shall be tested for compliance with 3.6.4 before final assembly".

Custodian:
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Preparing Activity:
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