

MIL-H-55258B(EL)
 Amendment 2
5 April 1969
 SUPERSEDING
 Amendment 1
 26 June 1968

MILITARY SPECIFICATION

HANDSET H-189/GR

This amendment forms a part of Military Specification MIL-H-55258B(EL), 13 June 1968.

1. Page 3, para. 3.3 Preproduction samples - Delete in its entirety. Substitute the following: "The contractor shall supply twenty preproduction samples plus two switches for approval, unless otherwise specified. These samples will be subjected to Group A, Group B and Group C inspection. The switches will be subjected to Group C inspection as outlined in Table III."
2. Page 3, para. 3.4.2 Impedance - Replace " ± 10 " percent with " ± 20 " percent.
3. Page 3, para. 3.4.5 Distortion - Replace "115 db" with "125 db".
4. Page 4, para. 3.5.2 Impedance - Replace " ± 10 " percent with " ± 20 " percent.
5. Page 6, para. 4.3 Preproduction inspection - Delete in its entirety and substitute the following: "This inspection shall be performed by the contractor and witnessed by a Government representative. Twenty preproduction samples, plus two switches, shall be supplied by the contractor for this purpose, and after passing both Group A and Group B inspections shall be divided into five pairs, designated as C-1, C-2, C-3, C-5, and C-6, and the remaining ten samples designated as C-4. The switches shall be designated as C-7. These samples shall be subjected to the Group C inspections ofr Table III for the designated groups, except that Group C-4 shall be subdivided and one half the samples subjected to Moisture Resistance and one half the samples to Drop."
6. Page 6, para. 4.5 Inspection of production units for quality conformance - Replace the last phrase in the first sentence with "by the contractor."
7. Page 6, para. 4.5.1 Group A Inspection - The third word in the first sentence should be "constitutes".
8. Page 7, para. 4.5.3.1 Initial sampling - Delete in its entirety and substitute the following: "Twenty samples of the handset, and two samples of the switch assembly shall be selected at random from the first 1000 units produced. These samples comprise the first quality conformance inspection lot. These samples will be grouped and inspected in the same manner as specified for preproduction inspection, paragraph 4.3."

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9. Page 7, para. 4.5.3.2 Production sampling - Replace the third and fourth sentences with: "Four samples shall be divided into two pairs, and designated as C-3 and C-5; the remaining four samples comprise the C-4 group (as before). These samples shall be subjected to Group C inspection, as shown in Table III."
10. Page 10, para. 4.9.2 Impedance - Replace "0.000" in the sixth line with "0.001".
11. Page 12, para. 4.10.4 Insulation resistance - Replace "a meggar" in the first sentence with "an instrument".
12. Page 13, para. 4.13.6 - Delete last sentence.
13. Page 14, para. 4.13.7.1 Procedure and criteria - Delete in its entirety and substitute the following: "The unit shall be tested for response of both microphone and earphone before and after the Humidity Test and before and after the Drop Test. Failure to meet established criteria either with respect to response afforded or with respect to the physical condition of the unit constitutes a basis of rejection. The handset shall show no evidence of breaking or cracking or damage to switch. Minor chipping shall not be considered a failure."
14. Page 14, para. 4.13.8 Vibration - Delete in its entirety and substitute the following: "The complete equipment shall be subjected to the Vibration Test in accordance with Method 201 of MIL-STD-202. The equipment shall be mounted in a horizontal position, and shall be vibrated in a direction perpendicular to the plane of the earphone and microphone for a period of five hours. Tests of the earphone element and the microphone element shall be made to determine compliance with 3.4.1 and 3.5.1, respectively, prior to and after the cycling. Upon completion of the Vibration Tests, the equipment shall exhibit no evidence of loosening of parts or other mechanical damage. The switch shall meet full specification requirements."
15. Page 15, para. 4.15 Reflectance - Replace the second sentence with: "Ten measurements of the reflectance shall be made on the handset handle."
16. Page 15, para. 4.15.1 Specimen production - Delete in its entirety.
17. Page 18, Figure 1 Microphone Response Requirements - The ordinate scale should be designated as "relative response in decibels."
18. Page 2, under Standards - Add "MIL-STD-202, Test Methods for Electronic and Electrical Component Parts."

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