

PERFORMANCE SPECIFICATION

MICROPHONE, AND MICROPHONE ASSEMBLIES, DYNAMIC
GENERAL SPECIFICATION FOR

This amendment forms part of MIL-PRF-26542E, dated 30 May 1997, and is approved or use by all Departments and Agencies of the Department of Defense.

PAGE 4

3.4.5: Delete and substitute:

"3.4.5 Cable assemblies. Unless otherwise specified (see 3.1), cord assemblies are to meet either of the two following requirements to insure a quality interfacing product.

- a. The use of QPL cord assemblies referenced in MIL-C-22442.
- b. Verification and approval by the qualifying activity of meeting the technical requirement of MIL-C-22442.

NOTE: Both of the above methods require qualification of the entire specification product to the applicable qualification requirements."

* 3.5.7.1: Delete and substitute:

"3.5.7.1 Noise cancellation characteristics (see 4.5.5.1). The noise cancellation characteristics of the microphone shall be such that the "average difference curve" and the peaks of the "difference curve A" and "difference curve B", derived from the frequency response characteristics of the microphone to a "close" and "distant" sound source as specified herein, shall fall within an envelope having a slope of not less than 6dB per octave falling between 200 Hz and 4,000 Hz. The "difference curve A" and the "difference curve B" may go through the envelope on the lower side but shall not go through the envelope on the top side. The centerline of the envelope shall intersect the zero axis between 5,000 Hz and 8,000 Hz."

* 4.4.1.3.1: Delete TABLE II and substitute:

TABLE II. Group A and Group B sampling plans.

Lot Size	Sample size	
	Group A	Group B
2 to 8	100 Percent	2
9 to 15	13	3
16 to 25	13	3
26 to 50	13	5
51 to 90	13	6
91 to 150	13	7
151 to 280	20	10
281 to 500	29	11
501 to 1,200	34	15
1,201 to 3,200	42	18
3,201 to 10,000	50	22
10,001 to 35,000	60	29

* 4.5.10: Delete sub-paragraph “c” and substitute:

“c. Points of application: Between one terminal and the external surface of the microphone case with the use of a metal bracket or equivalent provided by the manufacturer.”

The margins of this amendment are marked with an asterisk to indicate where changes from the previous amendment were made. This was done as a convenience only and the Government assumes no liability whatsoever for any inaccuracies in these notations. Bidders and contractors are cautioned to evaluate the requirements of this document based on the entire content irrespective of the marginal notations and relationship to the last previous amendment.

Custodian:
 Army - CR
 Navy - EC
 Air Force - 85
 DLA - CC

Preparing activity:
 DLA - CC

 (Project 5965-0283)

Review activities:
 Army - AR, AT, AV, CR4
 Navy - AS, OS
 Air Force - 99