

INCH-POUND  
MIL-DTL-83511/6B  
w/AMENDMENT 1  
19 September 2012  
SUPERSEDING  
MIL-DTL-83511/6B  
11 March 2004

DETAIL SPECIFICATION SHEET

HEADSET, ELECTRICAL,  
H-173C/AIC

Inactive for new design after xxx, xx, 2012

This Specification is approved by all Departments  
and Agencies of the Department of Defense.

The requirements for acquiring the product described herein shall consist of this specification sheet and MIL-DTL-83511.

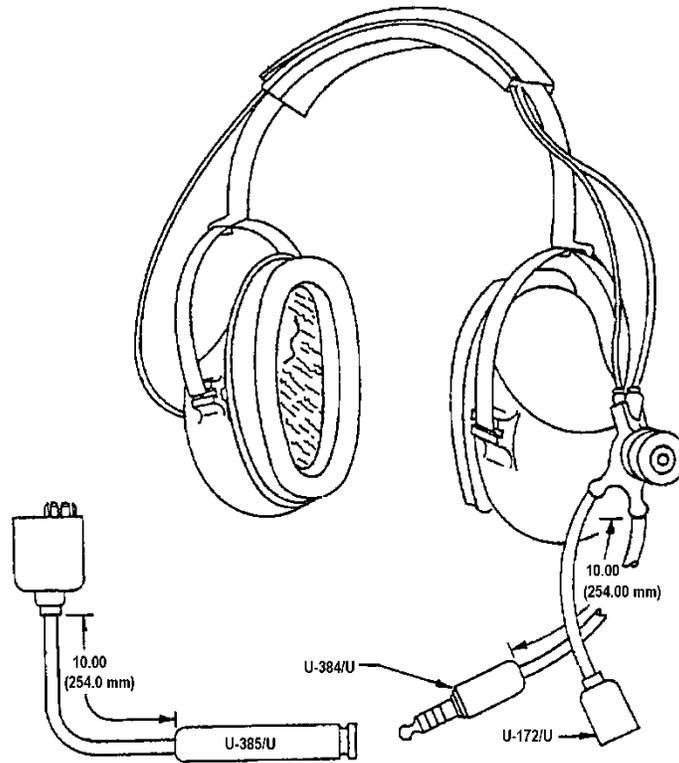


FIGURE 1. Headset-Electrical H-173C/AIC.

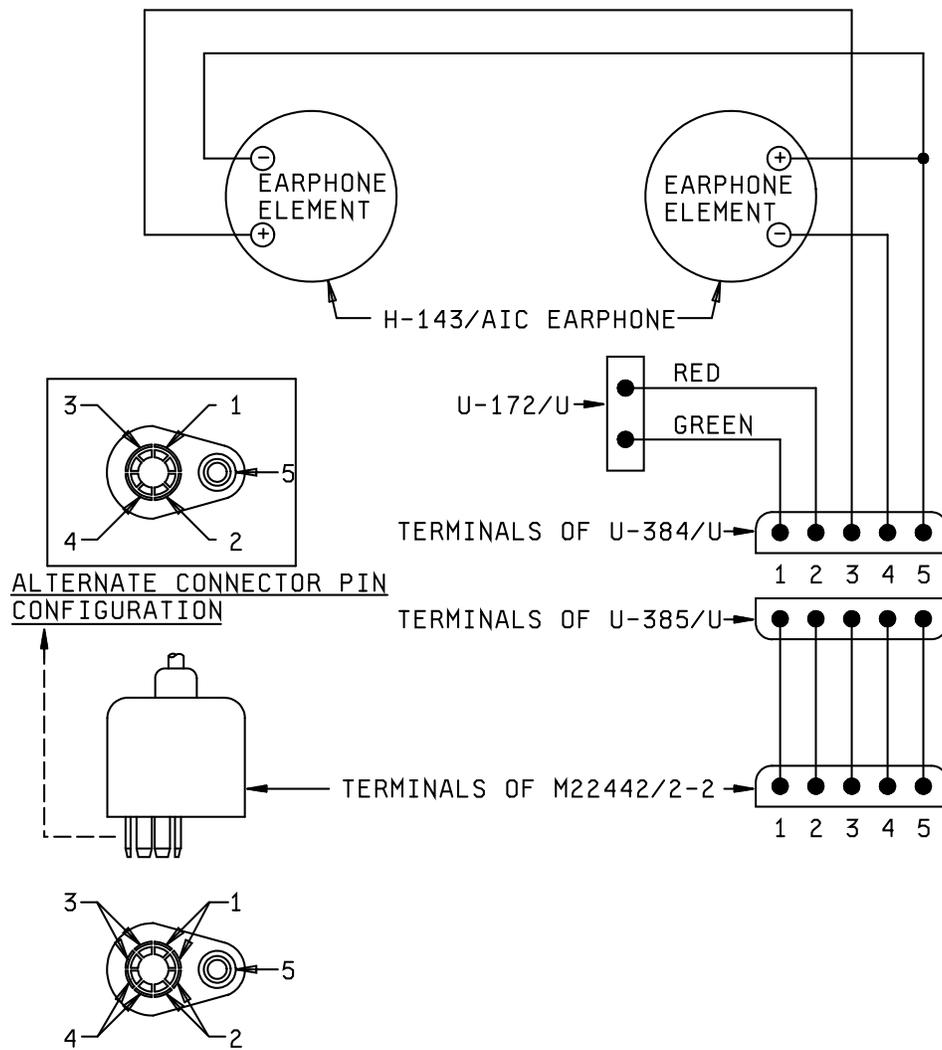


FIGURE 2. Wiring diagram for H-173C/AIC.

MIL-DTL-83511/6B  
w/AMENDMENT 1

REQUIREMENTS:

Interface: See figure 1. Figure 1 is for illustration purpose only and all referenced drawings and specifications cover design.

Earphones: 2 required, H-143/AIC, in accordance with MIL-PRF-25670 and MIL-PRF-25670/2.

Cord data:

Terminal to U-384/U main cord: 10.00 inches (254.0 mm).

U-385/U to M22442/2-2 in accordance with MIL-C-22442/2: 10.00 inches (254.0 mm).

Specification: See MIL-DTL-55668, type 2, tinsel rubber jacket.

Accessories: The headset shall be capable of operating with the following, which are not to be supplied as a part of the headset.

Cord assembly - CX-12973/AR (P/N M22442/20-1) in accordance with MIL-DTL-22442/20.

Cord assembly - CX-12988/AR (P/N M22442/23-1) in accordance with MIL-DTL-22442/23.  
(Impedance matching network).

Cord assembly - CX-12974/AR (P/N M22442/21-1) in accordance with MIL-DTL-22442/21.

Cord assembly - CX-12987/AR (P/N M22442/22-1) in accordance with MIL-DTL-22442/22.  
(Impedance matching network).

Microphone dynamic - M-87/AIC in accordance with MIL-PRF-26542/2.

Wiring schematic: See figure 2.

Color: The normal exposed exterior surface of the headset shall be medium gray.

Interchangeability: This headset is functionally interchangeable and replaces headset H-173B/AIC when used with the included adapter cord.

Qualification. The activity responsible for qualification of products delivered in accordance with this specification sheet is Defense Supply Center Columbus (DSCC-VQP), 3990 East Broad Street, Columbus, Ohio 43218-3990 [vqp.do@dla.mil](mailto:vqp.do@dla.mil), or [vqp.go@dla.mil](mailto:vqp.go@dla.mil). Information pertaining to qualification of products may be obtained from that activity. Qualification of product on the basis of similarity may be considered at the discretion of the qualifying activity on a case by case basis.

Amendment notations. The margins of this specification sheet are marked with vertical lines to indicate modifications generated by this amendment. 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.

MIL-DTL-83511/6B  
w/AMENDMENT 1

Referenced documents. In addition to MIL-DTL-83511, this document references the following documents:

MIL-C-22442/2  
MIL-DTL-22442/20  
MIL-DTL-22442/21  
MIL-DTL-22442/22  
MIL-DTL-22442/23  
MIL-DTL-55668  
MIL-PRF-25670  
MIL-PRF-25670/2  
MIL-PRF-26542/2

CONCLUDING MATERIAL

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

Preparing activity:  
DLA - CC  
  
(Project 5965-2012-021)

NOTE: The activities listed above were interested in this document as of the date of this document. Since organizations and responsibilities can change, you should verify the currency of the information above using the ASSIST Online database at <https://assist.dla.mil>.