



**associated
industries**

H-161E/GR HEADSET-MICROPHONE



HEADSET-MICROPHONE MILITARY TYPE H-161E/GR

SPECIFICATIONS:

CABLE: Straight, five conductor, stranded, rubber insulation, rubber jacket. Terminated with molded quick disconnect connector, terminated at switch end with spade type terminals. Headband branch terminated with molded-on grommet and terminal pins. Microphone branch is one conductor and shield in a molded junction with PJ-291 pins.

CHESTSET: Switch mounted in O.D. ABS plastic housing, held to body with adjustable neck and chest straps. Switch-Toggle; positions lock-on INTERCOM, center OFF, & hold-on RADIO.

CABLE, MICROPHONE: Straight, two conductor, stranded, rubber insulation, rubber jacket. Terminated with a JJ-055 and a U-173/U Connector.

CABLE, ADAPTER: Retractable, five conductor, tinsel, and shield, rubber insulation, rubber jacket. Terminated with molded bail-out connector, branched at other end by a molded junction and terminated on each leg with a U-229/U Connector.

EARCUSHIONS: Polyurethane covered viscoelastic foam for improved comfort.

HEADBAND: Adjustable headband with thumbnut locking feature, inserted through extruded vinyl support, urethane covered foam replaceable headband cushion.

EARPHONE:

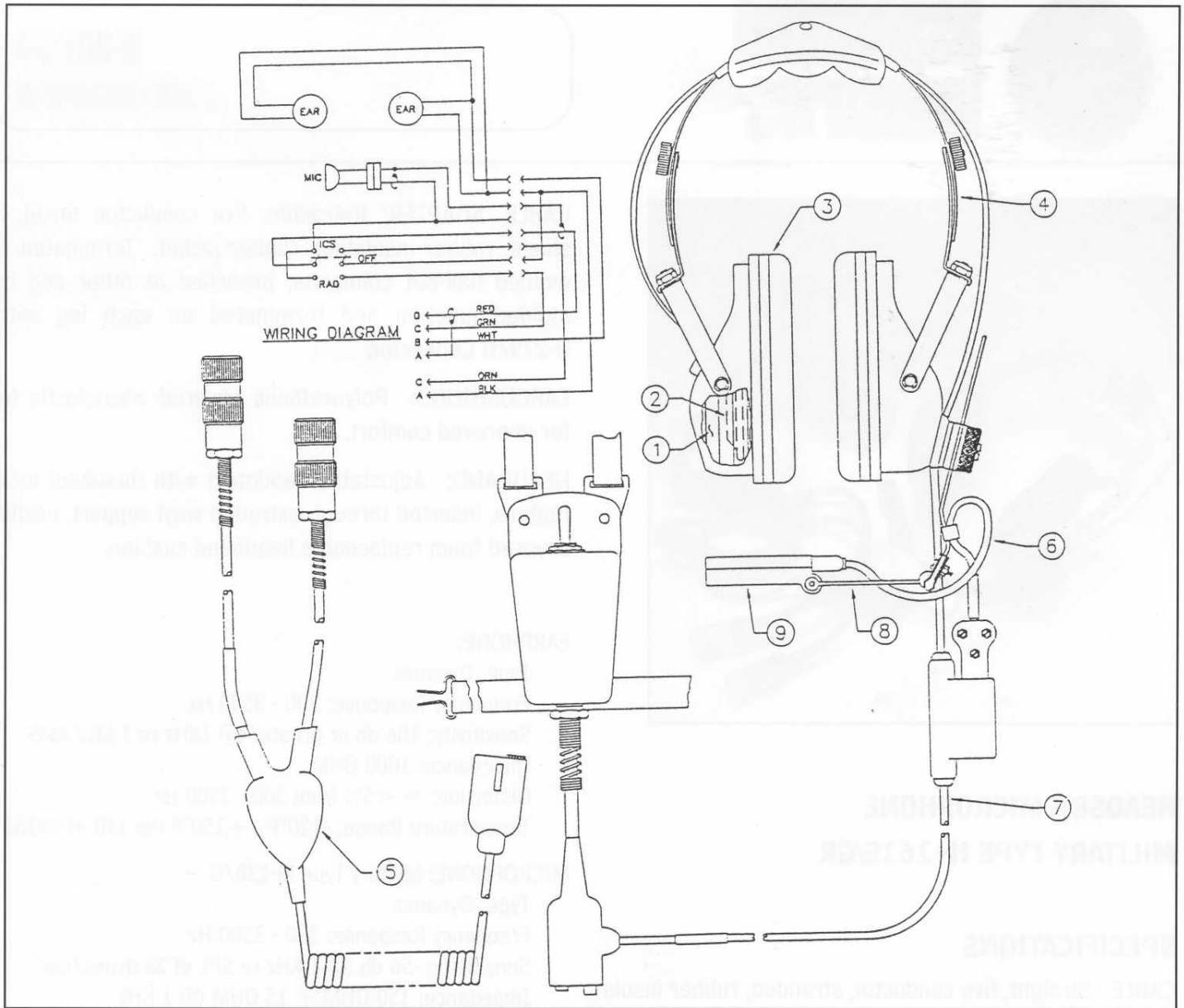
Type: Dynamic
Frequency Response: 300 - 3500 Hz
Sensitivity: 106 db or greater @ 1KHz re 1 MW RMS
Impedance: 1000 OHM
Distortion: = <5% from 300 - 3500 Hz
Temperature Range: -120°F - +150°F Per MIL-H-49161

MICROPHONE: Military Type M-138/G

Type: Dynamic
Frequency Response: 300 - 3500 Hz
Sensitivity: -56 db @ 1 KHz re SPL of 28 dynes/cm²
Impedance: 150 OHM + 15 OHM @ 1 KHz
Distortion: <6% @ 114 db SPL
Altitude Compensation: 50,000 feet
Temperature Range: -40°F - +150°F
Weight: < 48 grams
Per MIL-M-26542/10A

A Headset-Microphone-Chestset combination. Intended for use as audio accessory for VRC-12 and associated radio sets. Replaces Headset Microphone H-161C/U and H-161D/U.

**CONSTRUCTED TO MEET ALL MILITARY
ENVIRONMENT REQUIREMENTS
IAW MIL-H-83511/4A**



HEADSET-MICROPHONE MILITAARY TYPE H-161E/GR

<u>ITEM</u>	<u>ITEM DESCRIPTION</u>	<u>QTY</u>
1	Pad, Acoustical	1
2	Earphone	2
3	Cushion Assembly, Ear	2
4	Headband Assembly	1
5	Headband Assembly, CX8650B/GR	1
6	Cable Assemble, MIC	1
7	Chest Switch Assembly	1
8	Boom Assembly	1
9	Microphone Assembly M-138/G	1

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