

Superseded by Sig 78 GR-6, June 51

**ARMY SERVICE FORCES
CATALOG**

SIG 8-GR-6

Ref. TM 11-2552

SIGNAL SUPPLY CATALOG

Higher Echelon Spare Parts for

Sound Locating Set GR-6

The following catalog pamphlets are also necessary for higher echelon maintenance of the above equipment:

SIG 8-CE-11
SIG 8-PE-210

SIG 8-RL-39
SIG 8-TS-10

SPECIAL NOTE

For Higher Echelon Spare Parts for Headset HS-35, see SIG 8-HS-30 (less Cord CD-620-U).

SIG 1, Introduction, is published as a guide to all sections of the Signal Supply Catalog. An explanation of the purpose and use of each section, requisitioning instructions, sample Property Issue Slips and Requisitions, are a part of its contents. A copy of SIG 1 should be in the possession of every user of any part of the Army Service Forces Signal Supply Catalog.

HEADQUARTERS, ARMY SERVICE FORCES,
WASHINGTON 25, D. C., 30 MAY 1945

Army Service Forces Signal Supply Catalog, SIG 8-GR-6 Higher Echelon Spare Parts for Sound Locating Set GR-6, has been prepared under the supervision of the Chief Signal Officer, and is published for the information and guidance of all concerned.

[SPX 461 (19 May 45)]

BY COMMAND OF GENERAL SOMERVELL:

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Refer to FM 21-6 for explanation of distribution formula.

Headquarters, Army Service Forces

May 1945

| Item No. | Reference Symbol | Illustration No. | Stock Number | Nomenclature | Unit of Measure | Quantity per Equipment | Maintenance (initial working guide) | | | Supply (initial stockage guide) | | |
|----------|------------------|------------------|--|---|-----------------|------------------------|-------------------------------------|----------|------------|---------------------------------|------|-------|
| | | | | | | | 3d Echelon | 4th Ech. | Army Depot | Base Depot 1 year | | |
| 1 | | | 4G3006 (Order through AGO Channels). 2Z551-160 | SOUND LOCATING SET GR-6; Sig C Spec #446-28. TECHNICAL MANUAL TM 11-2552. | ea | 2 | | | | | | |
| 2 | | | 3B54A | BAG BG-160: equipment; 8 oz duck, rubberized; 12' lg x 9' wd x 18" h; Cambridge Instr part/dwg #15110 (for maintenance and component parts). BATTERY BB-54-A: storage; portable; transparent plastic case; 2 v; 5 1/2" h x 3 1/2" wd x 3 1/2" d. | ea | 2 | | | | 3 | 8 | 12 |
| 3 | | | 3B371 | BATTERY BOX BX-71: plywood and metal; w/contents, 3 Sig C Battery BB-54-A connected by Jumper AMP #30342 to form one 6v batt; 11" lg x 6" h x 5" wd; divided into 3 compartments; Cambridge Instr part/dwg #15109; Sig C Spec 446-28. | ea | 6 | 8 | 13 | 24 | 24 | 165 | 270 |
| 4 | | | 3E2132 | CABLE, AF: Sig C Cord CO-132; copper; 3 #18 AWG stranded cond; 16 #30 AWG strands; round 0.312" diam; rubber insulated; shielded; rubber jacket; Sig C Spec #71-700 (p/o Cords CD-1235, 1238, 1239, 1240, 1241). CABLE ASSEMBLY, power: Sig C Cord CD-1241; battery; rubber jacket; round 0.312" diam; 60" lg; shielded; 3 #18 AWG copper cond. 16 #30 AWG strands (w/2 cond female connector on one end and 2 battery clips on other), (u/w Battery Box BX-71). | ft | 465 | 325 | 600 | 1100 | 1135 | 7800 | 13000 |
| 5 | | | 3E1999-241 | CAP, battery: red bakelite; closes filler hole in case; 1/8" diam overall, 3/8" diam thd w/ M-74 washer; Willard Type L-416 (p/o Battery BB-54-A). CASE CS-148: computer; duck; empty, w/ zipper; for Computer M-414; 8 1/2" diam x 3 1/2" h. CHEST CH-275: carrying; aluminum; empty, for running spares and supplies; 9" lg x 9" wd x 5" d; hinged cover 9" lg x 9" wd; Sig C Spec 446-28. | ea | 2 | 1 | 2 | 2 | 3 | 12 | 20 |
| 6 | | | 3B695 | | ea | 6 | | | | 9 | 60 | 100 |
| 7 | | | 4G330-148 | | ea | 2 | | | | 3 | 8 | 12 |
| 8 | | | 4G349-275 | | ea | 2 | | | | 3 | 12 | 20 |

| | | | | | | | | | | |
|----|--------------------------|---|----|---|---|----|----|----|-----|-----|
| 9 | 4G349-276 | CHEST CH-276: carrying; aluminum: empty, for running spares and supplies; 15" lg x 8" wd x 8" h; hinged cover 8" wd x 15" lg; Sig C Spec 446-28. | 2 | 4 | 2 | 4 | 6 | 3 | 12 | 20 |
| 10 | E302-1, E302-2 | CLIP, battery: steel, cadmium pl; 2 1/2" lg, Jaw spread 5/8"; Mueller Elec #27; Cambridge Instr part/dwg #15215 (p/o Cord CO-1241). | 4 | 4 | 2 | 4 | 6 | 6 | 35 | 60 |
| 11 | 3G370-414 | COMPUTOR M-414; direction; vinylite; 8" diam overall; Sig C Spec #446-28; dwg SC-D-12713A. | 2 | 2 | 2 | 2 | 2 | 3 | 8 | 12 |
| 12 | 2Z3025-6 | CONNECTOR, female contact: 5 parallel round cont; straight; Amphenol #AN-3106-14S-5S; REL #18581; Cambridge Instr part/dwg #15220 (p/o Cord CD-1241). | 2 | 2 | 1 | 2 | 2 | 3 | 12 | 20 |
| 13 | 2Z8675-49 | CONNECTOR, female contact: 5 parallel round cont; straight; 1 1/2" lg x 5/8" diam; Amphenol #AN-97-5103-14S-5S; Cambridge Instr part/dwg #15228 and 15205 (p/o Cord CD-1239). | 6 | 6 | 2 | 3 | 5 | 5 | 25 | 45 |
| 14 | P201-1 to 4, P301. | CONNECTOR, male contact: 5 round parallel cont; straight; max dimen 1 1/2" lg x 1 1/8" less cont; Amphenol #AN-3106-14S-5P; Cambridge Instr dwg 15227 (p/o Cord CD-1235 and CD-1240). | 18 | 6 | 6 | 11 | 19 | 19 | 132 | 220 |
| 15 | 3E1999-239 | CORD CD-1239 microphone extension; rubber jacket; round, 0.312" diam; 50 ft lg; shielded; 3 #18 AWG copper cond, 16 #30 AWG strands (w/2 cond male connector on 1 end and 2 cond female connector on other end) (u/w Microphone T-53). | 6 | 3 | 3 | 5 | 0 | 9 | 60 | 100 |
| 16 | 3E1999-240 | CORD CD-1240: control key extension; 3 #18 AWG cond shielded; 15 ft lg; (WECO #92B Key on 1 end and 2 cond male connector other end). | 2 | 1 | 2 | 2 | 2 | 3 | 12 | 20 |
| 17 | 3E1999-238 | CORD CD-1238; microphone; rubber jacket; 3 #18 AWG cond; shielded Cable CO-132; connected in triangular plan w/2 15 ft and 1 21 ft legs and w/ apexes clamped around thimbles; (w/2 cond male connector at all 4 ends) (u/w Microphone T-53). | 2 | 2 | 2 | 3 | 4 | 4 | 24 | 40 |
| 18 | 3E1999-335 | CORD CD-1335 headset; 3 rubber covered cond #18 AWG shielded Cable CO-132, Y shape at headset w/2 legs 12" and 1 leg 36" lg; connected at point of Y so that ea 12" leg will have a separate input cond and a common output cond and w/3 cond male connector Amphenol #AN-3106-14S-5P on end of 36" leg (u/w Headset HS-35) (w/3 cond male connector on 1 end and cord terminals on other end). | 2 | 2 | 2 | 3 | 5 | 5 | 25 | 45 |
| 19 | E303 | COVER: clip; red rubber; to insulate battery clip; 4 1/4" lg x 7/8" max diam x 3/8" min diam; Mueller Elec #29 red (u/w Cable CD-1241). | 2 | 2 | 2 | 3 | 5 | 5 | 25 | 45 |

| Item No. | Reference Symbol | Illustration Fig. No. | Stock Number | Nomenclature | Unit of Measure | Quantity per Equipment | Maintenance (initial working guide) | | | | Supply (initial stockage guide) | |
|----------|------------------|-----------------------|---------------|---|-----------------|------------------------|-------------------------------------|----------|------------|-------------------|---------------------------------|-----|
| | | | | | | | 3d Echelon | 4th Ech. | Army Depot | Base Depot 1 year | | |
| 20 | E303 | | 3Z1722-1 | COVER; clip; black rubber; to insulate battery clip; 4 1/4" lg x 3/8" max diam x 3/8" min diam; Mueller Elec #29 black (w/w Cable CD-1241). | ea | 2 | 2 | 3 | 5 | 5 | 25 | 45 |
| 21 | | | 6Q35205-12 | DRILL, star; steel taper shank; 5/16" diam x 12" lg; 4 groove. | ea | 2 | | | | 3 | 12 | 20 |
| 22 | | | 6Z4028-4 | FUNNEL; plastic, black; round; top 2 1/2" diam, stem 3/8" lg x 1/4" diam, 2 1/2" lg overall; Owens #1LL, 1 oz (battery filler). | ea | 2 | 1 | 2 | 2 | 3 | 12 | 20 |
| 23 | | | 4B1110 | HANDSET TS-10; telephone; sound powered; black phenolic; 9 1/2" lg x 3 1/2" h x 2 3/8" wd overall; Sig C Spec #2 71-703 (w/ cord and plug). | ea | 2 | 2 | 2 | 4 | 4 | 6 | 18 |
| 24 | | | 6Q49724 | HAMMER; machinists ball pein; 1 1/2 lbs; tool steel, 16" overall lg; Stanley #312B. | ea | 2 | | | | 3 | 12 | 20 |
| 25 | | | 2B855 | HEADSET HS-35; telephone; magnetic; 250 ohms; 2 Receivers R-30-U, 1 Headband HB-30 and 1 Cord CD-1335; connected so ea receiver has a separate input lead and a common output lead; Sig C Spec #465-28. | ea | 2 | 2 | 2 | 4 | 4 | 6 | 18 |
| 26 | E301 | | 4C5101, 103/1 | HOUSING, switch; aluminum; anodized; to house push button switch; Cambridge Instr part/dwg #15222 (p/o Cord CD-1240). | ea | 2 | 1 | 2 | 3 | 3 | 17 | 27 |
| 27 | | | 2Z5630-18 | JUMPER; battery cell connector; no insulation; round, 1/2" OD x 4" lg; #12 AWG, 7 layers ea consisting of 37 strands 0.005" diam wire, tinned; AMP #30342 (lugs crimped on ea end w/ holes to pass #6 screw). | ea | 8 | 3 | 4 | 7 | 12 | 78 | 130 |
| 28 | | | 2B1653 | MICROPHONE T-53; carbon; 3" diam x 8 3/4" overall; Sig C Spec #445-28 (w/ cords and connectors). | ea | 6 | 3 | 5 | 9 | 9 | 60 | 100 |
| 29 | | | 2B2165-413 | MICROPHONE SHELTER M-413; olive drab nainsook, water proofed; 12" diam w/ heavy rope sewed around circumference; Cambridge Instr part/dwg 14706; Sig C Spec #446-28 (for Microphone T-53). | ea | 6 | 9 | 17 | 30 | 30 | 210 | 350 |
| 30 | | | 3H4600-210 | POWER UNIT PE-210; gasoline; 450 w at 15 v; 6 to 22 v, 30 amp, DC, 2 wire; Sig C Engine GE-12-B and Sig C Generator GN-52. | ea | 1 | | | | 4 | 5 | 8 |

| | | | | | | | | |
|-----------------------|-------------|---|----|------|------|-------|-------|-----|
| 31 | 2C5090-1323 | REORDER BC-1323; sound; 30" lg x 6" d x 8" h; Sig C Spec #446-28 | ea | 2 | 2 | 3 | 8 | 12 |
| 32 | 6H8111 | REEL EQUIPMENT CE-11; wire; lays and recovers 1/4 mile of light field wire; provides communication over wire during laying and after wire has been laid. | ea | 2 | 2 | 3 | 6 | 10 |
| 33 | 4C5101.103 | SWITCH, push; single position, locking; contact arrangement 2c; nickel pl metal frame, bakelite insulation; 5 3/8" lg x 1 3/8" diam; WECO #92B modified per Cambridge Instr dwg #15103. | ea | 2 | 2 | 3 | 4 | 40 |
| 34 | 1B130 | WIRE W-130; insulated; copper and steel or copper weld; 2tw #22 AWG stranded cond; 6 strands of steel and 1 strand of copper or 7 strands of copper weld, all #30 AWG; latex rubber insulation; Sig C Spec #71-925. | ft | 2000 | 7800 | 36400 | 59800 | |
| MICROPHONE T-53 PARTS | | | | | | | | |
| 35 | 2B1653/3 | COVER; microphone; steel; olive drab wrinkle finish lacquer; used as microphone cover and screwdriver; max diam 2 5/8" x 6 5/8" lg; Cambridge Instr part/dwg #15206. | ea | 6 | 3 | 5 | 9 | 100 |
| 36 | 2B1653/2 | COVER; microphone; cast aluminum; aluminate dichromatic seal, olive drab; to protect microphone; 2.250" OD x 1 3/8" max h; Cambridge Instr part/dwg #15207. | ea | 6 | 2 | 3 | 5 | 45 |
| 37 | J-101 | CONNECTOR, female contact; 5 round parallel cont; straight; 1 1/2" lg x 7/8" diam max; Amphenol #97-5103-14S-5S, less back shell; Cambridge Instr dwg #15223 (u/w Microphone T-53 cover). | ea | 6 | 3 | 5 | 9 | 100 |
| 38 | 4B2604 | RECEIVER, handset; steel, bakelite and alloy copper; electro acoustic transducer element; 1 3/8" diam x 1 1/8" thk; WECO #HA-4. | ea | 6 | 3 | 5 | 9 | 100 |
| 39 | H-101 | RING, clamping; aluminum; clamps receiver unit in case; 2" OD x 1/8" thk x 1 1/8" ID; Cambridge Instr part/dwg #15210. | ea | 6 | 2 | 3 | 5 | 45 |
| 40 | 6L6822-8.3 | SCREW, mach; Fil H; brass; #8-32 x 1/2" | ea | 18 | 8 | 13 | 24 | 165 |
| 41 | 6L6436-5.3 | SCREW, mach; Fil H; brass, nickel pl; #4-36 x 5/8" | ea | 12 | 6 | 9 | 17 | 190 |
| 42 | 6L50008-2 | WASHER, flat; brass; for #8 screw; 3/8" OD x 0.025" thk x 1/8" ID. | ea | 18 | 8 | 13 | 24 | 270 |
| 43 | 6L50004 | WASHER, flat; brass; for #4 screw; 3/8" OD x 1/8" ID x 0.025" thk. | ea | 1 | 1 | 2 | 3 | 23 |
| 44 | 6L54016-2 | WASHER, flat; rubber, Buna S; 1 1/8" thk x 1 3/8" OD x 1" ID; Cambridge Instr part/dwg #15204 (inner seal of Microphone T-53 cover). | ea | 6 | 5 | 9 | 17 | 220 |
| 45 | 6L54026-6 | WASHER, flat; rubber, Buna S; 1/8" thk x 1 1/8" OD x 1 1/8" ID; Cambridge Instr part/dwg #15202 (outer seal of Microphone T-53 cover). | ea | 6 | 5 | 9 | 17 | 220 |

| Item No. | Reference Symbol | Illustration Fig. No. | Stock Number | Nomenclature | Unit of Measure | Quantity per Equipment | Maintenance (initial working guide) | | | Supply (initial stockage guide) | | |
|------------------------|------------------|-----------------------|--------------|---|-----------------|------------------------|-------------------------------------|-------------|--------------|---------------------------------|-----------|-----------|
| | | | | | | | 3d Echelon | 4th Ech. | Army Depot | Base Depot | | |
| | | | | | | | 3-7 equip. | 8-15 equip. | 16-30 equip. | 20 equip. | 25 equip. | 50 equip. |
| RECORDER BC-1323 PARTS | | | | | | | | | | | | |
| 46 | | | 4G195-182 | BAG BC-182; canvas, RC; for Recorder BC-1323; 30" lg x 8" h x 6" wd overall; w/ 8" lg x 6" wd flap and water tight closure and carrying straps; Cambridge Instr dwg #15150. | ea | 2 | 1 | 2 | 2 | 3 | 12 | 20 |
| 47 | E15 | | 2Z9402-238 | BOARD, terminal; 2 dual brass solder lug term; black bakelite, grade X; 1 1/2" lg x 1/2" wd x 1/4" thk; Cinch #1502; Cambridge Instr dwg #14988. | ea | 2 | | | | 3 | 12 | 20 |
| 48 | E17 | | 2Z9408-147 | BOARD, terminal; 6 dual brass solder lug term; black bakelite grade X; 3" lg x 1/2" wd x 1/4" h; Cinch #1502; Cambridge Instr dwg #14989. | ea | 2 | | | | 3 | 12 | 20 |
| 49 | E18-1 to 9 | | 2Z9410-106 | BOARD, terminal; 10 brass solder lug term; bakelite insulation; 3 1/2" lg x 1/2" thk x 1/2" h; Jones HB #2010; Cambridge Instr dwg #15051. | ea | 18 | 4 | 6 | 11 | 11 | 72 | 120 |
| 50 | E19-1 to 6 | | 2Z9410-107 | BOARD, terminal; 10 dual brass solder lug term; black bakelite grade X; 6 1/2" lg x 1/2" wd x 1/2" h; Cinch #1502; Cambridge Instr dwg #14987. | ea | 12 | 3 | 5 | 8 | 8 | 48 | 80 |
| 51 | | | 3H525-36 | BRUSH, electrical contact; dyn. input; carbon and copper; 1/2" x 1/2" x 3/8" lg; Carter Mtr #17. | ea | 4 | 22 | 40 | 75 | 75 | 550 | 900 |
| 52 | | | 3H525-34 | BRUSH, electrical contact; dyn. output; carbon; 1/2" x 1/2" x 1/2" lg, less pigtail; Carter Mtr #9. | ea | 4 | 27 | 30 | 60 | 60 | 420 | 700 |
| 53 | C14-1, 2 | | 3DB15-31 | CAPACITOR, fixed; electrolytic; 3 sect; 15-15-15 ml +50% -10%; 400 vdw; 1 1/2" diam x 3 3/4" h; Mallory type #EPA. | ea | 4 | 4 | 7 | 12 | 12 | 78 | 130 |
| 54 | C13 | | 3DB25-44 | CAPACITOR, fixed; electrolytic; 25 ml +200% -10%; 25 vdw; 3/4" wd x 1" h x 1 1/4" lg; Mallory type #BS-26. | ea | 2 | 3 | 4 | 7 | 7 | 36 | 60 |
| 55 | C3-1, 2 | | 3K2010122 | CAPACITOR, fixed; mica; 100 mmf ±5%; 500 vdw; max dimen 1/4" lg x 1/2" wd x 1/2" thk; CM20B1011. | ea | 4 | 1 | 2 | 3 | 3 | 15 | 25 |
| 56 | C2-1 to 6 | | 3K2020122 | CAPACITOR, fixed; mica; 200 mmf ±5%; 500 vdw; max dimen 1/2" lg x 1/2" wd x 1/2" thk; CM20B2011. | ea | 12 | 2 | 3 | 5 | 5 | 25 | 45 |
| 57 | C1-1 to 3 | | 3K2024122 | CAPACITOR, fixed; mica; 240 mmf ±5%; 500 vdw; max body dimen 1/4" lg x 1/2" wd x 1/2" thk; CM20B2411. | ea | 6 | 1 | 2 | 3 | 3 | 17 | 27 |

| | | | | | | | | | | | |
|----|----------------|-------------|---|----|----|---|---|---|---|----|----|
| 58 | C4-1, 2 | 3K2051122 | CAPACITOR, fixed; mica; 510 mmf $\pm 5\%$; 500 vdw; max body dimen $5/16"$ lg x $1/8"$ wd x $1/8"$ thk; CM20B511J. | ea | 4 | 1 | 2 | 3 | 3 | 15 | 25 |
| 59 | C6-1 to 4 | 3K3010222 | CAPACITOR, fixed; mica; 1000 mmf $\pm 5\%$; 500 vdw; max body dimen $5/16"$ wd x $1/2"$ thk; CM30B102J. | ea | 8 | 2 | 2 | 4 | 4 | 21 | 35 |
| 60 | C7-1, 2 | 3K3030222 | CAPACITOR, fixed; mica; 3000 mmf $\pm 5\%$; 500 vdw; max body dimen $5/16"$ lg x $3/16"$ wd x $9/16"$ thk; CM30B302J. | ea | 4 | 1 | 2 | 3 | 3 | 15 | 25 |
| 61 | C5-1, 2, 3 | 3K3551212 | CAPACITOR, fixed; mica; 5100 mmf $\pm 5\%$; 500 vdw; max body dimen $5/16"$ lg x $5/16"$ wd x $1/2"$ thk; CM35A512J. | ea | 6 | 2 | 3 | 5 | 5 | 30 | 50 |
| 62 | C8-1 to 7 | 3DA10-334 | CAPACITOR, fixed; paper; 10,000 mmf $\pm 10\%$; 600 vdw; max dimen $1 1/4"$ lg x $1/2"$ diam; CP26A1EF103V (hermetically sealed). | ea | 14 | 1 | 2 | 3 | 3 | 15 | 25 |
| 63 | C10-1 to 6 | 3DA50-207 | CAPACITOR, fixed; paper; 50,000 mmf $\pm 10\%$; 600 vdw; max dimen $1 1/2"$ lg x $1/2"$ diam; CP26A1EF503KK (hermetically sealed). | ea | 12 | 1 | 2 | 3 | 3 | 14 | 28 |
| 64 | C9-1 to 17 | 3DA100-529 | CAPACITOR, fixed; paper; 100,000 mmf $\pm 10\%$; 600 vdw; max dimen $1 3/4"$ lg x $1/2"$ diam; CP26A1EF104KK (hermetically sealed). | ea | 34 | 2 | 3 | 5 | 5 | 30 | 50 |
| 65 | C12-1, 2 | 3DA500-390 | CAPACITOR, fixed; paper; 500,000 mmf $\pm 20\%$; 600 vdw; max dimen $2 3/4"$ lg x $1"$ diam; CP26A1EF504MM (hermetically sealed). | ea | 4 | 1 | 2 | 3 | 3 | 17 | 28 |
| 66 | | 2Z2635, 100 | CLAMP; cable; brass; unfinished; $15/16"$ OD x $0.857"$ ID x $5/16"$ lg; Cambridge Instr dwg #15235 (in molded joints). | ea | 10 | 1 | 2 | 3 | 3 | 17 | 27 |
| 67 | | 2Z2635, 97 | CLAMP; cable; copper; no finish; $1/2"$ OD x $1/4"$ lg x $0.035"$ thk; Cambridge Instr #15214. | ea | 14 | 2 | 2 | 4 | 4 | 21 | 35 |
| 68 | H202 | 2Z2635, 95 | CLAMP; cable; malleable iron; galv, zinc pl and blackened, painted olive drab; 2 screws; $1"$ wd x $1 3/8"$ lg x $3/8"$ thk; Cambridge Instr #15231-1 (one notch). | ea | 2 | | | | | 3 | 8 |
| 69 | H203-1, H203-2 | 2Z2635, 99 | CLAMP; cable; malleable iron; galv, zinc pl and blackened, painted olive drab; 2 screws; $1"$ wd x $1 3/8"$ lg x $3/8"$ thk; Cambridge Instr part/dwg #15231-2 (two notches). | ea | 4 | | | | | 3 | 12 |
| 70 | H204-1, H204-2 | 2Z2635, 98 | CLAMP; cable; malleable iron; galv, zinc pl and blackened, painted olive drab; 2 screws; $1"$ wd x $1 3/8"$ lg x $3/8"$ thk; Cambridge Instr part/dwg #15231-3 (three notches). | ea | 4 | | | | | 3 | 12 |
| 71 | | 2Z2635, 96 | CLAMP; cable; malleable iron; galv, zinc pl, blackened, painted olive drab; 2 screws; $1"$ wd x $1 3/8"$ lg x $3/8"$ thk; Cambridge Instr part/dwg #15231-4 (four notches). | ea | 2 | | | | | 3 | 8 |
| 72 | H201-1 to 4 | 2Z1587-284 | CLAMP; cable; Sig C Cable Clamp M-284; aluminum; no finish; 2 #5-40 x $3/8"$ screws; $9/16"$ diam x $1 3/4"$ lg overall. | ea | 24 | | | | | 5 | 35 |
| 73 | | 2Z2635, 118 | CLAMP; transformer; aluminum; anodized; 2 bolts; $1 3/8"$ OD x $3/16"$ ID x $0.032"$ thk; Cambridge Instr part/dwg #13986. | ea | 24 | 2 | 3 | 5 | 5 | 35 | 55 |
| 74 | H8 | 2Z2635, 101 | CLAMP; tube; steel; tinned; $1 3/8"$ lg x $1 1/2"$ wd x $5/8"$ h; Millen #33087, $1 1/8"$. | ea | 2 | 1 | 1 | 2 | 3 | 8 | 12 |

| Item No. | Reference Symbol | Illustration Fig. No. | Stock Number | Nomenclature | Unit of Measure | Quantity per Equipment | Maintenance (initial working guide) | | | Supply (initial stockage guide) | | | |
|----------|------------------------------------|-----------------------|----------------|--|-----------------|------------------------|-------------------------------------|-------------|--------------|---------------------------------|------------|--------|-----|
| | | | | | | | 3d Echelon | | 4th Ech. | Army Depot | Base Depot | | |
| | | | | | | | 3-7 equip. | 8-15 equip. | 16-30 equip. | equip. | equip. | 1 year | |
| 75 | H7 | | 2Z2635-102 | CLAMP; tube; steel; tinned; 2 1/2" lg x 1 1/2" wd x 5/8" h overall; Millen #33057 1 1/2" diam. modified per Cambridge Instr dwg #15144. | ea | 2 | 1 | 1 | | 20 | 50 | | |
| 76 | L3 | | 3C323-115B | COIL, AF; audio osc; 2 windings; term #1 to #3, 89 mh, 90 ma, 8.4 ohm DC resistance; term #2 to #4, 690 mh; 30 ma, 12 ohm DC resistance; 1 1/2" diam x 2" h; Cambridge Instr dwg #15031. | ea | 2 | | | | 3 | 6 | 10 | |
| 77 | L2 | | 3C323-115C | COIL, AF; filter choke; 3 windings; term #1 and #2, 690 mh, 30 ma, 72 ohm DC resistance; term #3 and #4, 140 mh; 85 ma, 120 ohm DC resistance; term #5 and 6, 89 mh, 90 ma, 8.4 ohm DC resistance; 2 1/2" h x 1 1/2" diam; Cambridge Instr dwg #15010. | ea | 2 | | | | 3 | 17 | 27 | |
| 78 | L1-1 to 4 | | 3C328-36 | COIL, AF; impedance; single winding; 200 hy; 6 vdew; 2 ma, 6,000 ohm DC resistance; 3/8" diam x 1 1/2" h over term; UTC case #0-13 per S4743; Cambridge Instr part/dwg #15092-1, 2, 3, 4. | ea | 8 | 2 | 4 | 6 | | 6 | 36 | 60 |
| 79 | E1, 2, 3; R1, 2, 3; P1, 2, 3 | | 2C5090-1323/14 | COIL, reproducer head; magnetic reproducer coil; single winding; 1000 turns #40E wire on 1/8" ID spool; approx 64 ohms, 3 mh; 3/16" OD x 0.188" thk overall; Cambridge Instr dwg #14981. | ea | 18 | 4 | 6 | 11 | | 11 | 72 | 120 |
| 80 | K1 | | 3C323-115A | COIL, solenoid; magnetic clutch; single winding; 6 vdew; 0.12 amp, 48 to 50 ohms DC; 1" diam x 1.359" lg; Cambridge Instr dwg #14829. | ea | 2 | 1 | 2 | 2 | | 3 | 12 | 20 |
| 81 | | | 2Z3064-40 | CONNECTOR, female contact; 3 parallel round cont; straight; 2" lg x 2" wd x 1 1/2" h overall; Sig C Jack JK-37 modified per Cambridge Instr part/dwg #15017. | ea | 2 | 1 | 1 | 2 | | 3 | 8 | 12 |
| 82 | A5-1, 2, 3 | | 2ZK7409-20 | CONNECTOR, female contact (receptacle); 5 parallel round cont; straight; 1 1/2" diam x 1 1/2" lg w/ cont; Amphenol #AN-3102-14S-5S; Cambridge Instr part/dwg #15229. | ea | 6 | 2 | 3 | 5 | | 5 | 27 | 45 |
| 83 | | | 2Z8799-180 | CONNECTOR, male contact; Sig C Socket SO-180; 5 parallel round cont; straight; 1 1/2" lg x 2 1/2" diam less cont; Amphenol #AN-3102-14S-5P | ea | 2 | 2 | 3 | 5 | | 5 | 27 | 45 |

| | | | | | | | | | |
|----|------------|----------------|---|----|----|----|----|----|-----|
| 84 | S5 | 2C5090-1323/10 | CONTACT ASSEMBLY, switch; non-locking; 3 form A; bakelite insulation; 1 3/8" wd x 2" lg x 3/8" h; Cambridge Instr dwg #15084 (actuated by scanning dial for blanking out signals from pick up head). | ea | 2 | 2 | 3 | 8 | 12 |
| 85 | M2 | 6Z3417-7 | COUNTER, mechanical; gear driven; rectangular flanged alloy case; 1 3/8" lg x 1 1/2" d over gear x 1 3/8" h; Cambridge Instr part/dwg #15060 (indicates distance counter clockwise which magnetic heads are moved). | ea | 2 | 2 | 3 | 17 | 27 |
| 86 | M1 | 6Z3417-8 | COUNTER, mechanical; gear driven; rectangular flanged alloy case; 1 3/8" lg x 1 1/2" d over gear x 1 3/8" h; Cambridge Instr part/dwg #15059 (indicates distance clockwise which magnetic heads are moved). | ea | 2 | 2 | 3 | 17 | 27 |
| 87 | H9 | 2Z3714-61 | DIAL; disk; calibrated; black bakelite w/ aluminum bushing insert; scanning control wheel; 4" diam x 3/8" max d; Cambridge Instr dwg #14805. | ea | 2 | 2 | 3 | 12 | 20 |
| 88 | | 3H1506-9 | DYNAMOTOR; plate current and mechanical power; output 250 v, 0.012 amp DC; input 6 v, 3 amp DC; 3600 rpm; Carter Mtr Magmotor code #MA2512S; Cambridge Instr part/dwg #14845. | ea | 2 | 2 | 4 | 21 | 35 |
| 89 | F3 | 3Z2585-2 | FUSE, cartridge; 1/2 amp, 250 v; glass body; ferrule ends, 1/4" lg x 3/4" diam; 1" lg x 1/4" diam overall. | ea | 2 | 22 | 40 | 80 | 800 |
| 90 | F2 | 3Z1950 | FUSE FU-50; cartridge; 3 amp, 250 v; glass body; ferrule ends, 3/8" lg x 1/2" diam. | ea | 2 | 16 | 30 | 55 | 300 |
| 91 | F1 | 3Z2506-3 | FUSE, cartridge; 6 amp, 250 v; one-time; glass body; ferrule ends, 3/8" lg x 1/2" diam; 1 1/4" lg x 1/4" diam overall; Littelfuse #1359; Buss MTH. | ea | 2 | 6 | 10 | 19 | 350 |
| 92 | | 4G3006/1 | GASKET; synthetic rubber; Buna S; 21 1/8" lg x 1 3/8" wd x 1/8" thk; Cambridge Instr dwg #14842 (case binding strip). | ea | 2 | 2 | 12 | 78 | 130 |
| 93 | | 6Z4853-8 | GROMMET, rubber; fits 1/2" to 3/8" hole, 1/2" lg x 1 1/8" max OD x 1/2" min diam x 3/8" ID; Pyle-National #DB-4-E. | ea | 30 | 26 | 50 | 70 | 430 |
| 94 | H1 | 2C5090-1328/8 | GUARD, tape; formed bakelite, "U" shaped, cross sect 3 3/8" h x 1 1/2" wd x 21" lg; Cambridge Instr dwg #14925. | ea | 2 | 2 | 4 | 24 | 40 |
| 95 | H2-1, 2, 3 | 2C5090-1329/3 | GUIDE, tape; stainless steel; to guide recording tape; 1/2" OD x 1/8" thk; Cambridge Instr part/dwg #14928. | ea | 6 | 6 | 6 | 39 | 65 |
| 96 | H3-1, 2 | 6Q51743 | HEAD, micrometer; used to move magnetic head; stainless steel; range 0 to 1"; 0.001" graduations; 3/8" diam x 2 1/4" lg; Starrett #263; Cambridge Instr dwg #14853. | ea | 4 | 4 | 5 | 27 | 45 |
| 97 | E6 | 3Z3282-29-2 | HOLDER, fuse; for #3AG fuse, 1/4" diam x 1 1/4" lg; 3/16" bakelite base w/ copper clips; 10 amp, 125 v; 1 3/8" lg x 1 1/2" wd x 1 1/2" h over studs; Littelfuse #1056 modified per Cambridge Instr dwg #15005. | ea | 2 | 2 | 3 | 4 | 40 |

| Item No. | Reference Symbol | Illustration Fig. No. | Stock Number | Nomenclature | Unit of Measure | Quantity per Equipment | Maintenance (initial working guide) | | | Supply (initial stockage guide) | | |
|----------|------------------|-----------------------|--------------|--|-----------------|------------------------|-------------------------------------|-------------|----------|---------------------------------|-------------------|--------------|
| | | | | | | | 3d Echelon | | 4th Ech. | Army Depot | Base Depot 1 year | |
| | | | | | | | 3-7 equip. | 8-15 equip. | | | | 16-30 equip. |
| 98 | E5 | | 3Z3282-29.1 | HOLDER, fuse: for #3AG fuse, $\frac{3}{8}$ " diam x $1\frac{1}{4}$ " lg; $\frac{1}{16}$ " thk bakelite base w/ copper clips; 10 amp. 125 v; $1\frac{1}{8}$ " lg x $\frac{1}{2}$ " wd x $1\frac{1}{8}$ " h over studs; Littelfuse #1056 modified per Cambridge Instr dwg #15016. | ea | 2 | 2 | 3 | 4 | 4 | 24 | 40 |
| 99 | E7 | | 3Z3282-29 | HOLDER, fuse: for #8AG fuse, $\frac{3}{8}$ " diam x 1" lg; $\frac{1}{16}$ " bakelite base w/copper clips; 10 amp. 125 v; $1\frac{1}{8}$ " lg x $\frac{1}{2}$ " wd x $1\frac{1}{8}$ " h over studs; Littelfuse #1050 modified per Cambridge Instr dwg #13006. | ea | 2 | 2 | 3 | 4 | 4 | 24 | 40 |
| 100 | E9 | | 3G1838-21.4 | INSULATOR, plate: rectangular; black bakelite, $1\frac{1}{2}$ " lg x $\frac{1}{2}$ " wd x $\frac{1}{4}$ " thk; Cambridge Instr dwg #14976. | ea | 2 | 1 | 1 | 2 | 3 | 10 | 16 |
| 101 | | | 3G1838-66.2 | INSULATOR, washer: flat; black bakelite, $\frac{1}{4}$ " thk x $1\frac{1}{2}$ " OD x 1" ID; Cambridge Instr part/dwg #15234. | ea | 6 | 1 | 2 | 3 | 3 | 17 | 27 |
| 102 | | | 3G1838-14.8 | INSULATOR, washer: flat; black bakelite, $\frac{3}{8}$ " thk x $\frac{1}{2}$ " OD x 0.120" ID; Cambridge Instr part/dwg #15213-V. | ea | 12 | 2 | 3 | 5 | 5 | 27 | 45 |
| 103 | E8 | | 3G1838-97.1 | INSULATOR, plate; rectangular; black bakelite, $6\frac{1}{2}$ " lg x $\frac{1}{2}$ " wd x $\frac{1}{4}$ " thk; Cambridge Instr dwg #14975. | ea | 2 | 1 | 1 | 2 | 3 | 10 | 16 |
| 104 | E10 | | 3G1838-48.17 | INSULATOR, plate; rectangular; black bakelite, 3" lg x $\frac{1}{2}$ " wd x $\frac{1}{4}$ " thk; Cambridge Instr dwg #14977. | ea | 2 | 1 | 1 | 2 | 3 | 10 | 16 |
| 105 | E11-4 | | 2Z5786.48 | KNOB, bar: aluminum; w/ shaft $\frac{1}{2}$ " diam. sq on adjacent sides and white line on end; spcl set screw Cambridge Instr part/dwg #15153; $1\frac{1}{2}$ " lg x $\frac{1}{2}$ " wd x $\frac{1}{2}$ " h; Cambridge Instr part/dwg #15152. | ea | 2 | 1 | 1 | 2 | 3 | 8 | 12 |
| 106 | E11-1, 2, 3 | | 2Z5786.47 | KNOB, bar: black bakelite; for $\frac{1}{4}$ " diam shaft; 2 #8-32 slotted head cup point set screws; engraved w/ straight line in center of point; $1\frac{1}{2}$ " lg x $\frac{1}{2}$ " wd x $\frac{1}{2}$ " d; one end pointed; Duka Ware #2300, modified per Cambridge Instr dwg #13803. | ea | 6 | 1 | 2 | 3 | 3 | 14 | 23 |
| 107 | E12-1 to 4 | | 2Z5786.50 | KNOB, round; black bakelite; for $\frac{1}{4}$ " diam shaft; one #6-32 set screw; $\frac{1}{2}$ " h x $\frac{1}{2}$ " max diam; Eby #230. | ea | 8 | 1 | 2 | 3 | 3 | 17 | 28 |
| 108 | | | 2Z5052 | LAMP LM-52; incandescent; 6-8 v. 0.15 amp; bulb T 3 $\frac{1}{4}$ clear; miniature bayonet base; Mazda #47. | ea | 4 | 4 | 7 | 13 | 22 | 150 | 250 |

| | | | | | | | | | | | |
|-----|------------|----------------|--|----|----|----|----|----|-----|------|------|
| 109 | A1 | 2Z5888-207 | LAMPHOLDER: miniature bayonet base; brass shell, steel bracket; 1 7/8" lg x 3/8" wd x 3/8" h; Dialco Special; Cambridge Instr dwg #14908-V. | ea | 2 | 1 | 2 | 2 | 3 | 12 | 20 |
| 110 | A2-1, 2, 3 | 2Z8402-10 | MOUNT, vibration: sq mg; load rating 3 lbs max; steel base plate 1 3/4" sq, w/ 4 0.141" diam holes on 1" mtg/c; 1 3/8" thk overall; Lord type #100-P3; Galvin dwg #37X43048; Cambridge Instr part/dwg #14846. | ea | 6 | 2 | 3 | 5 | 5 | 27 | 45 |
| 111 | A3-1, 2 | 2Z8402-3 | MOUNT, vibration: oval; load rating 2 lbs max; steel base plate 0.032" thk x 1.864" lg x 1 1/2" wd, w/ 2 0.141" diam mtg holes on 1.414" centers; Lord #100-PD-2; Philco #257-9048; Cambridge Instr part/dwg #14847. | ea | 4 | 2 | 2 | 4 | 4 | 21 | 35 |
| 112 | | 6L2406-40, 4 | NUT, lock: clinch; duraluminum, anodized; #6-40 thd, 1/2" h; 3/8" across flats; Esna 68C60 | ea | 26 | 2 | 4 | 6 | 6 | 35 | 60 |
| 113 | | 6L2408-32, 4 | NUT, lock: clinch; duraluminum, anodized; #8-32 thd, 3/8" h; 3/8" across flats; Esna 68C82. | ea | 20 | 2 | 3 | 5 | 5 | 25 | 45 |
| 114 | | 6L3104-40, 4-1 | NUT, lock: hex stop; brass; #4-40 thd, 3/4" h; 1/2" across flats; Esna 99M40. | ea | 4 | 1 | 2 | 2 | 3 | 12 | 20 |
| 115 | | 4G3006/3 | PLATE, base: black bakelite grade X; spacer for cont springs; 1 3/8" diam x 1/8" thk; Cambridge Instr part/dwg #15201. | ea | 6 | 3 | 5 | 9 | 9 | 60 | 100 |
| 116 | E101 | 4G3006/2 | PLATE, finger: black bakelite base w/ 2 bronze spring cont; 1 3/8" max diam x 3/8" h; Cambridge Instr part/dwg #15212. | ea | 6 | 3 | 5 | 9 | 9 | 60 | 100 |
| 117 | E13-1 to 9 | 2C5090-1323/6 | POLE PIECE, recorder head: fixed; permalloy; hydrogen annealed by WECO; 1 3/8" lg x 1 1/8" wd x 0.040" thk; Cambridge Instr part/dwg #14861. | ea | 18 | 25 | 50 | 90 | 150 | 1100 | 1800 |
| 118 | E14-1 to 9 | 2C5090-1323/7 | POLE PIECE, recorder head: movable; permalloy; hydrogen annealed by WECO; 2 3/8" lg x 1 1/4" wd x 0.040" thk; Cambridge Instr part/dwg #14862. | ea | 18 | 25 | 50 | 90 | 150 | 1100 | 1800 |
| 119 | | 3Z741-14 | POST, binding: screw type; 1 1/2" lg x 3/8" diam overall; #10-24 stud; TM-195 modified to 1/2" stud and #10-24 thd 1/4" lg; Cambridge Instr dwg #15003. | ea | 4 | 4 | 7 | 12 | 12 | 78 | 130 |
| 120 | | 2C5090-1323/4 | PULLEY: flat; aluminum; 2.125" diam x 3/8" thk; shaft hole 0.2187" diam; w/ #6-32 set screw; Cambridge Instr part/dwg #14806. | ea | 2 | 3 | 4 | 7 | 12 | 78 | 130 |
| 121 | | 6Z7678 | PULLEY, flat: aluminum and steel; 2 1/2" diam x 3/8" lg over shaft; includes 0.2187" diam shaft; Cambridge Instr part/dwg #15149. | ea | 2 | 3 | 4 | 7 | 12 | 78 | 130 |
| 122 | | 2C5090-1323/5 | PULLEY: flat; stainless steel; 0.495" diam x 0.250" thk; shaft hole consists of oilite bearing #A-100, 3/8" ID; Cambridge Instr part/dwg #14953. | ea | 4 | 2 | 2 | 4 | 6 | 35 | 60 |
| 123 | | 2C5090-1323/11 | REDUCTION UNIT: steel; speed reducing; 2 3/8" diam x 1 1/4" d; Cambridge Instr dwg #15050 | ea | 2 | | | | 22 | 150 | 250 |

| Item No. | Reference Symbol | Illustration Fig. No. | Stock Number | Nomenclature | Unit of Measure | Quantity per Equipment | Maintenance (initial working guide) | | | | Supply (initial stockage guide) | |
|----------|------------------|-----------------------|--------------|--|-----------------|------------------------|-------------------------------------|-------------|----------|------------|---------------------------------|--------------|
| | | | | | | | 3d Echelon | | 4th Ech. | Army Depot | Base Depot 1 year | |
| | | | | | | | 3-7 equip. | 8-15 equip. | | | | 16-30 equip. |
| 124 | | | 2Z7585-99 | RELAY; general purpose; SPST; 2 3/8" sq x 2 1/8" h; Kurman #220 C37-T; Cambridge Inst. dwg #15015 and #15015V. | ea | 2 | | | | 3 | 17 | 27 |
| 125 | R15-1, 2 | | 3RC20BE470J | RESISTOR, fixed; composition; 47 ohms $\pm 5\%$; 1/2 w; max dimen 0.468" lg x 0.249" diam; RC20BE470J. | ea | 4 | 2 | 3 | 4 | 4 | 24 | 40 |
| 126 | R25 | | 3RC20BE620J | RESISTOR, fixed; composition; 62 ohms $\pm 5\%$; 1/2 w; max dimen 0.468" lg x 0.249" diam; RC20BE620J. | ea | 2 | 1 | 2 | 3 | 3 | 17 | 27 |
| 127 | R20-1, 2, 3 | | 3RC20BE681J | RESISTOR, fixed; composition; 680 ohms $\pm 5\%$; 1/2 w; max dimen 0.468" lg x 0.249" diam; RC20BE681J. | ea | 6 | 2 | 3 | 5 | 5 | 30 | 50 |
| 128 | R7-1 to 6 | | 3RC20BE102J | RESISTOR, fixed; composition; 1000 ohms $\pm 5\%$; 1/2 w; max dimen 0.468" lg x 0.249" diam; RC20BE102J. | ea | 12 | 3 | 5 | 8 | 8 | 48 | 80 |
| 129 | R4-1 to 12 | | 3RC20BE122J | RESISTOR, fixed; composition; 1200 ohms $\pm 5\%$; 1/2 w; max dimen 0.468" lg x 0.249" diam; RC20BE122J. | ea | 24 | 4 | 6 | 10 | 10 | 65 | 110 |
| 130 | R8-1 to 6 | | 3RC20BE242J | RESISTOR, fixed; composition; 2400 ohms $\pm 5\%$; 1/2 w; max dimen 0.468" lg x 0.249" diam; RC20BE242J. | ea | 12 | 3 | 5 | 8 | 8 | 48 | 80 |
| 131 | R14-1, 2, 3 | | 3RC20BE392J | RESISTOR, fixed; composition; 3900 ohms $\pm 5\%$; 1/2 w; max dimen 0.468" lg x 0.249" diam; RC20BE392J. | ea | 6 | 2 | 3 | 5 | 5 | 30 | 50 |
| 132 | R9-1 to 7 | | 3RC20BE472J | RESISTOR, fixed; composition; 4700 ohms $\pm 5\%$; 1/2 w; max dimen 0.468" lg x 0.249" diam; RC20BE472J. | ea | 14 | 3 | 5 | 9 | 9 | 54 | 95 |
| 133 | R10-1 to 6 | | 3RC20BE822J | RESISTOR, fixed; composition; 8200 ohms $\pm 5\%$; 1/2 w; max dimen 0.468" lg x 0.249" diam; RC20BE822J. | ea | 12 | 3 | 5 | 8 | 8 | 48 | 80 |
| 134 | R27 | | 3RC20BE473J | RESISTOR, fixed; composition; 47 000 ohms $\pm 5\%$; 1/2 w; max dimen 0.468" lg x 0.249" diam; RC20BE473J. | ea | 2 | 1 | 2 | 3 | 3 | 17 | 27 |
| 135 | R6-1 to 13 | | 3RC20BE104J | RESISTOR, fixed; composition; 100 000 ohms $\pm 5\%$; 1/2 w; max dimen 0.468" lg x 0.249" diam; RC20BE104J. | ea | 26 | 4 | 6 | 11 | 11 | 72 | 220 |
| 136 | R21-1, 2 | | 3RC30BE104J | RESISTOR, fixed; composition; 100 000 ohms $\pm 5\%$; 1 w; max dimen 0.750" lg x 0.280" diam; RC30BE104J. | ea | 4 | 2 | 3 | 4 | 4 | 24 | 40 |
| 137 | R20 | | 3RC20BE124J | RESISTOR, fixed; composition; 120 000 ohms $\pm 5\%$; 1/2 w; max dimen 0.468" lg x 0.249" diam; RC20BE124J. | ea | 2 | 1 | 2 | 3 | 3 | 17 | 27 |
| 138 | R13-1, 2 | | 3RC20BE224J | RESISTOR, fixed; composition; 220 000 ohms $\pm 5\%$; 1/2 w; max dimen 0.468" lg x 0.249" diam; RC20BE224J. | ea | 4 | 2 | 3 | 4 | 4 | 24 | 40 |

| | | | | | | | | | | | |
|--------|-------------|------------------|---|-------|----|---|---|----|----|----|-----|
| 139... | R11-1, 2, 3 | 3RC20BE394J | RESISTOR, fixed; composition: 390,000 ohms $\pm 5\%$; $\frac{1}{4}$ w; max dimen 0.468" lg x 0.249" diam; RC20BE394J. | ea... | 6 | 2 | 3 | 5 | 5 | 30 | 50 |
| 140... | R5-1 to 27 | 3RC20BE105J | RESISTOR, fixed; composition: 1.0 meg $\pm 5\%$; $\frac{1}{4}$ w; max dimen 0.468" lg x 0.249" diam; RC20BE105J. | ea... | 54 | 5 | 9 | 15 | 15 | 95 | 160 |
| 141... | R17 | 3RC20BE185J | RESISTOR, fixed; composition: 1.8 meg $\pm 5\%$; $\frac{1}{4}$ w; max dimen 0.468" lg x 0.249" diam; RC20BE185J. | ea... | 2 | 1 | 2 | 3 | 3 | 17 | 27 |
| 142... | R12-1 to 4 | 3RC20BE106J | RESISTOR, fixed; composition: 10 meg $\pm 5\%$; $\frac{1}{4}$ w; max dimen 0.468" lg x 0.249" diam; RC20BE106J. | ea... | 8 | 2 | 4 | 6 | 6 | 35 | 60 |
| 143... | R18-1, 2 | 3Z6926-13 | RESISTOR, thermal; not inclosed; 54 v at 1 ma $\pm 33\frac{1}{2}\%$, 54 meg; 0.10 w; $\frac{1}{2}$ " diam x 0.09" thk overall; GE #835503731 Curve #J. | ea... | 4 | 3 | 5 | 9 | 9 | 54 | 95 |
| 144... | R23-1, 2 | 2Z7266-20 | RESISTOR, variable; carbon; 60 ohms; 2 w; 3 solder term; body $1\frac{1}{8}$ " diam x $\frac{1}{8}$ " d; shaft 0.25" diam x $\frac{5}{8}$ " lg from mtg surface; AB type J, #L-6002-CR, Cambridge Instr part/dwg #15074 and 15074-1. | ea... | 4 | 2 | 3 | 5 | 5 | 27 | 45 |
| 145... | R24-1, 2 | 2Z7273-102 | RESISTOR, variable; carbon; 1 meg; 1 w; 3 solder term; body $1\frac{1}{8}$ " diam x $\frac{1}{8}$ " d; shaft $\frac{1}{4}$ " diam x $\frac{3}{8}$ " lg from mtg surface; AB type J shaft #U-1052-CR; Cambridge Instr part/dwg #15075. | ea... | 4 | 2 | 3 | 5 | 5 | 27 | 45 |
| 146... | | 6L17004-12, 49 | SCREW, thumb; F Fil H, knurled, w/ $\frac{1}{8}$ " camfer; brass, cadmium pl; #4-26 thd, $\frac{3}{16}$ " lg w/ $\frac{5}{16}$ " lg thd; w/ head $\frac{5}{16}$ " diam x $\frac{1}{4}$ " h, knurled $\frac{1}{8}$ " d; Cambridge Instr part/dwg #6282 (for tape tension). | ea... | 2 | 1 | 1 | 1 | 3 | 8 | 12 |
| 147... | | 6L6256-4, 2 | SCREW, mach; OH; brass, cadmium pl; #2-56 x $\frac{3}{4}$ " lg; Cambridge Instr part/dwg #15219 det 9 (p/o Cord CD-1240). | ea... | 4 | 1 | 2 | 2 | 3 | 12 | 20 |
| 148... | | 6L20908-11-1, 55 | SCREW, mach; F Fil H; half hard brass, cadmium pl; #8-32 thd, $\frac{3}{32}$ " lg w/ $\frac{1}{32}$ " lg thd; head $\frac{1}{4}$ " diam x $\frac{1}{8}$ " thk; Cambridge Instr part/dwg #14951 (adjust tape tension spring). | ea... | 2 | 1 | 1 | 1 | 3 | 8 | 12 |
| 149... | | 6L6440-20, 12 | SCREW, mach; Fil H; brass, cadmium pl; #4-40 thd, $1\frac{1}{4}$ " lg overall w/ 1.118" lg thd; Cambridge Instr dwg #14944 (for magnetic head mounting) | ea... | 8 | 1 | 2 | 2 | 4 | 21 | 35 |
| 150... | | 6L7082-9, 25 | SCREW, mach; F top Bind H; half hard brass, cadmium pl; #10-32 thd, $\frac{3}{16}$ " lg w/ $\frac{3}{16}$ " lg thd; head $\frac{5}{8}$ " diam x $\frac{1}{2}$ " thk; Cambridge Instr part/dwg #14945 (for tape tension arm clamp). | ea... | 2 | 1 | 1 | 1 | 3 | 8 | 12 |
| 151... | | 6L6832-16, 12 | SCREW, mach; OH; brass, cadmium or zinc pl; #8-32 w/ #2 rolled thd, 1" lg overall; Cambridge Instr part/dwg #15095 (w/ in face plate assembly) | ea... | 20 | 2 | 3 | 4 | 7 | 40 | 70 |
| 152... | O1 | 2C5080-1823/15 | SHIELD, reproducer head; CD magnetic iron; round; to shield play back head; $\frac{3}{16}$ " OD x 0.445" ID x 0.312" thk; Cambridge Instr dwg #14971 | ea... | 6 | 1 | 2 | 3 | 3 | 17 | 27 |

| Item No. | Reference Symbol | Illustration Fig. No. | Stock Number | Nomenclature | Unit of Measure | Quantity per Equipment | Maintenance (initial working guide) | | | | Supply (initial stockage guide) | | |
|----------|------------------|-----------------------|----------------|---|-----------------|------------------------|-------------------------------------|-------------|----------|------------|---------------------------------|--------------|-----|
| | | | | | | | 3d Echelon | | 4th Ech. | Army Depot | Base Depot 1 year | | |
| | | | | | | | 3-7 equip. | 8-15 equip. | | | | 16-30 equip. | |
| 153 | O2 | | 2C5090-1323/12 | SHIELD, reproducer head: CD magnetic iron; round; to shield play back head; $\frac{1}{8}$ " diam x 0.062" thick; Cambridge Instr dwg #14970. | ea | 6 | 1 | 2 | 3 | 3 | 3 | 17 | 27 |
| 154 | | | 2Z8304.57 | SHIELD, tube; steel; round partly open top; bayonet type mtg for Sig C Socket SO-10-C; $1\frac{1}{2}$ " h x $\frac{1}{8}$ " ID; $1\frac{1}{2}$ " h x $\frac{1}{8}$ " max OD; Eby #7798; tentative Sig C Socket SO-53. | ea | 18 | 2 | 4 | 6 | 6 | 6 | 39 | 65 |
| 155 | | | 2Z8304.58 | SHIELD, tube; steel; round partly open top; bayonet type mtg for Sig C Socket SO-10-C; $1\frac{1}{2}$ " h x $\frac{1}{8}$ " ID; $1\frac{1}{2}$ " h x $\frac{1}{8}$ " max OD; Eby #7797; tentative Sig C Socket SO-56. | ea | 8 | 2 | 2 | 4 | 4 | 4 | 21 | 35 |
| 156 | J2-1 to 12 | | 2Z8677.75 | SOCKET, tube; miniature, 7 prong; steatite body w/ steel shield on base; $1\frac{1}{4}$ " lg x $\frac{1}{8}$ " diam; Eby #102-M (SO-10-C); Farnsworth #97-5880. | ea | 26 | 3 | 5 | 8 | 8 | 8 | 54 | 90 |
| 157 | J1-1 to 3 | | 2Z8762.2 | SOCKET, tube; miniature, 8 prong; steatite body; $1\frac{1}{4}$ " diam x $\frac{1}{8}$ " h; Amphenol SS-8. | ea | 6 | 2 | 3 | 5 | 5 | 5 | 25 | 45 |
| 158 | E4 | | 2Z8671-71 | SOCKET ASSEMBLY, tube; aluminum; "U" shape; $1\frac{1}{2}$ " wd x $1\frac{1}{2}$ " h x $4\frac{1}{4}$ " lg; mtg for 3 scanning tube basis; Cambridge Instr dwg #15001. | ea | 2 | | | | | 3 | 12 | 20 |
| 159 | | | 2C5090-1323/1 | SPRING, lock; 4 fingered; phosphor bronze; to lock magnetic head; $\frac{1}{8}$ " x $\frac{1}{8}$ " x 0.055" h x 0.005" thick; Cambridge Instr part/dwg #14863 | ea | 16 | 13 | 24 | 44 | 44 | 44 | 312 | 520 |
| 160 | | | 2C5090-1323/2 | SPRING, tension; helical; stainless steel; to keep pole piece in cont w/ tape; $\frac{5}{8}$ " lg x $\frac{1}{8}$ " OD; 20 close turns of 0.01" diam wire; Cambridge Instr part/dwg #14926 | ea | 18 | 13 | 24 | 44 | 44 | 44 | 312 | 520 |
| 161 | S9 | | 3Z9824-81 | SWITCH, push; SPST, double break; metal body; $\frac{3}{8}$ " max diam x $\frac{9}{16}$ " lg; Edwards #625, modified per Cambridge Instr dwg #15093. | ea | 2 | 2 | 3 | 4 | 4 | 4 | 24 | 40 |
| 162 | S6 | | 3Z9824-81.1 | SWITCH, push; 1 position, locking; cont arrangement 2c; bakelite insulation, brass frame; $1\frac{1}{8}$ " lg x $\frac{3}{8}$ " h x $1\frac{1}{8}$ " d over solder lugs to mtg surface; Mallory #2006L modified per Cambridge Instr dwg #14896. | ea | 2 | 2 | 3 | 4 | 4 | 4 | 24 | 40 |

| | | | | | | | | | | | |
|-----|---------------|-------------|--|----|----|---|----|----|----|-----|------|
| 163 | S10 | 3Z9824-81.2 | SWITCH, push: 1 position, non-locking; cont arrangement 1c; phenolic insulation, brass frame; $1\frac{1}{8}''$ lg x $\frac{5}{8}''$ h x $1\frac{1}{8}''$ over solder lugs to mtg surface; Mallory #2003 modified per Cambridge Instr dwg #14839. | ea | 2 | 2 | 3 | 4 | 4 | 24 | 40 |
| 164 | S3-1, 2 | 3Z9824-81.6 | SWITCH, rotary: 3 okt; 6 position; single deck; bakelite insulation; $1\frac{1}{8}''$ diam x $\frac{1}{8}''$ behind mtg surface; Mallory #31365 modified per Cambridge Instr dwg #14857-V and #14857-1. | ea | 4 | | | | 7 | 42 | 70 |
| 165 | S-1 | 3Z9824-81.3 | SWITCH, rotary: 4 okt; 5 position; 2 deck; bakelite insulation; $2\frac{3}{8}''$ diam x $2''$ d behind mtg surface; Mallory modified per Cambridge Instr dwg #14859. | ea | 2 | | | | 5 | 27 | 45 |
| 166 | S-2 | 3Z9824-81.5 | SWITCH, rotary: 6 okt; 5 position; 3 deck; bakelite insulation; $2\frac{3}{8}''$ diam x $1\frac{3}{8}''$ behind panel; Mallory modified per Cambridge Instr part/dwg #14860-V and dwg #14860 | ea | 2 | | | | 6 | 35 | 60 |
| 167 | S4 | 3Z9824-81.4 | SWITCH, rotary: 2 okt; 5 position; 2 deck; bakelite insulation; $2\frac{3}{8}''$ diam x $\frac{5}{8}''$ behind mtg surface; Mallory modified per Cambridge Instr dwg #14858-V and dwg #14858. | ea | 2 | | | | 5 | 27 | 45 |
| 168 | S8 | 3Z9849.164 | SWITCH, toggle; DPST; bakelite body; $1\frac{1}{8}''$ lg x $1\frac{1}{8}''$ wd x $\frac{3}{4}''$ behind mtg surface; C-H #8823K3 fungus proofed; Cambridge Instr dwg #15076. | ea | 2 | 2 | 3 | 4 | 4 | 24 | 40 |
| 169 | | 6C303-2 | TAPE, blank recording; vit alloy metal; welded loop; $0.05''$ wd x $0.002''$ thk x $48''$ $+1\frac{1}{8}''$ $-1\frac{1}{8}''$ circumference; WECO #569891; Cambridge Instr part/dwg #15036; Sig C Spec 446-28. | ea | 2 | | | | 12 | 78 | 130 |
| 170 | | 3Z12004-8.8 | TERMINAL, lug: dual hook; tinned brass; 2 slots $\frac{1}{4}''$ wd x $\frac{1}{4}''$ lg; $\frac{3}{8}''$ lg x $\frac{1}{4}''$ wd x $1\frac{1}{4}''$ d. to be crimped in $\frac{1}{2}''$ sq hole; Cinch #1502. | ea | 36 | 6 | 11 | 19 | 19 | 138 | 230 |
| 171 | | 3Z12059-50 | TERMINAL, lug: straight type; brass tinned; for #13 AWG wire; $1\frac{1}{8}''$ lg x $\frac{5}{8}''$ wd x $\frac{5}{8}''$ thk w/ 0.138 diam stud hole; Shakeproof #2153-6; Sperry Gyro #003-3. | ea | 16 | 5 | 8 | 14 | 14 | 90 | 150 |
| 172 | H-206-1 to 6. | 5B18054 | THIMBLE, guy: galv steel; $\frac{1}{4}''$ diam cable, $\frac{3}{8}''$ guy rod; $\frac{3}{4}''$ ID x $1\frac{1}{8}''$ overall lg; GE #H-81. | ea | 12 | 2 | 3 | 5 | 5 | 27 | 45 |
| 173 | T1-1 to 8. | 2Z9631.235 | TRANSFORMER, AF; input; pri 60500 ohms; sec'd 50,000 ohms; hermetically sealed in metal case; $1\frac{1}{8}''$ h x $\frac{3}{4}''$ diam; UTC #O-2, in case per UTC #84256; Cambridge Instr part/dwg #15091 det. 1 to 8. | ea | 16 | 2 | 2 | 4 | 6 | 35 | 60 |
| 174 | T2 | 2Z9619-95 | TRANSFORMER, power; fl and plate; completely inclosed metal case; $2\frac{1}{8}''$ diam x $3''$ h; UTC #84257; Cambridge Instr part/dwg #14856 | ea | 2 | | | | 3 | 12 | 20 |
| 175 | V2 | 2J1L4 | TUBE, electron: JAN-1L4 | ea | 8 | 4 | 7 | 14 | 28 | 420 | 840 |
| 176 | V3 | 2J6G6G | TUBE, electron: JAN-6G6G (VT-198-A) | ea | 2 | 1 | 2 | 4 | 8 | 120 | 240 |
| 177 | V5 | 2J9J3 | TUBE, electron: JAN-9J3 (cathode ray) | ea | 2 | 1 | 2 | 4 | 4 | 120 | 240 |
| 178 | V4 | 2J8016 | TUBE, electron: JAN-8016 | ea | 2 | 2 | 4 | 7 | 14 | 210 | 420 |
| 179 | V1 | 2J9003 | TUBE, electron: JAN-9003 (VT-203) | ea | 18 | 8 | 16 | 32 | 64 | 960 | 1920 |

| Item No. | Reference Symbol | Illustration No. | Stock Number | Nomenclature | Unit of Measure | Quantity per Equipment | Maintenance (initial working guide) | | | | Supply (initial stockage guide) | |
|----------|------------------|------------------|----------------|---|-----------------|------------------------|-------------------------------------|-------------|--------------|-----------|---------------------------------|-------------------|
| | | | | | | | 3d. Echelon | | | 4th Ech. | Army Depot | Base Depot 1 year |
| | | | | | | | 3-7 equip. | 8-15 equip. | 16-30 equip. | | | |
| 180 | | | 2C5090-1323/13 | TUBE, viewing: brass and rubber; outside brass, black oxidized; inside, optical black; to view oscillator screen; $8\frac{1}{4}$ " lg x $2\frac{3}{8}$ " max diam; Cambridge Instr dwg/part #14800. | ea | 2 | | | | 20 equip. | 25 equip. | 50 equip. |
| 181 | O5 | | 2C5090-1323/9 | WIPER, tape: brass w/ felt lining; to clean metal recording tape; $\frac{1}{8}$ " wd x $1\frac{1}{8}$ " h x $\frac{1}{4}$ " thk; Cambridge Instr part/dwg #15069. | ea | 2 | | | | 12 | 78 | 130 |
| 182 | | | 6R55230 | WRENCH: set screw; "L" shape, $1\frac{1}{2}$ " lg x $\frac{5}{16}$ " wd x $\frac{1}{8}$ " sq; spline type; Bristolco #6. | ea | 2 | | | | 4 | 21 | 35 |
| | | | | Estimated weight including repair parts of components | lbs | | 135 | 230 | 390 | | | |
| | | | | Estimated volume including repair parts of components | cf | | 5.4 | 10 | 16 | | | |

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