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**ARMY SERVICE FORCES  
CATALOG**

**SIG 7-GR-6**

Ref. TM 11-2552

**SIGNAL SUPPLY CATALOG**

*Organizational Spare Parts for*  
**Sound Locating Set GR-6**

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.

The SIG 7 pamphlet is normally divided into two sections, listing in Section A the authorized maintenance parts for first and second echelon organizations and in Section B the basic issue items for the complete equipment. In this pamphlet, only the authorized maintenance parts are listed since no basic issue list is being prepared.

**HEADQUARTERS ARMY SERVICE FORCES**

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Army Service Forces Signal Supply Catalog SIG 7-GR-6, Organizational 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.

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

*Headquarters, Army Service Forces*

*May 1945*

Item Number	Reference Symbol	Stock Number	Nomenclature	Unit Measure	Quantity of Equipment	Organization (Authorized Allowance)	
						1st Echelon	2nd Echelon
1		4G3006 (Order thru AGO channels) 3B371	SOUND LOCATING SET GR-6; Sig C Spec #446-28 TECHNICAL MANUAL TM 11-2552	ea	2		
2		3E1999-241	BATTERY BOX BX-71; plywood and metal; w/contents, 3 Sig C Battery BB-54-A connected by Jumper AMP #30342 to form one 6 v batt; 11' lg x 6' h x 5' wd; divided into 3 compartments; Cam-bridge Instr part/dwg #15109; Sig C Spec 446-28	ea	2	2	
3		3B665	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).	ea	2	1	
4		4G330-148 3Z1071.2	Willard Type L-416 (p/o Battery BB-54-A).	ea	6	2	
5	E-302-1, E-302-2		CASE, CS-148; computer; duck, empty, w/zipper; for Computer M-414; 8 1/2" diam x 3 1/2" h.	ea	2	1	
6		3G370-414	CLIP, battery; steel, cadmium pl; 2 1/2" lg, Jaw spread 3/4"; Mueller Elec #27; Cambridge Instr part/dwg #15215 (p/o Cord CO-1241).	ea	4	1	
7		3E1999-239	COMPUTOR M-414; direction; vinylite; 8" diam overall; Sig C Spec #446-28; dwg SC-D-12713A.	ea	2	1	
8		3E1999-240	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).	ea	6	3	
9		3E1999-238	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).	ea	2	1	
10		3E1999-335	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/spexes clamped around thimbles (w/2 cond male connector at all 4 ends (u/w Microphone T-53).	ea	2	1	
11		6Z4023-4	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" rec 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. FUNNEL: plastic black; round; top 2 1/2" diam, stem 3/4" lg x 1/4" diam, 2 1/2" lg overall; Owens #ILL, 1 oz (battery filler).	ea	2	1	

12	4B1110	HANDBAND TS-10: telephone; sound powered; black phenolic; 9 1/8" lg x 3 1/8" h x 2 3/8" wd overall; Sig C Spec #271-703 (w/cord and plug).	ea	2	1
13	2B835	HANDBAND HS-35: telephone; magnetic; 250 ohms; 2 Receivers R-30-U, 1 Handband HB-30 and 1 Cord CD-1335; connected so ea receiver has a separate input lead and a common output lead; Sig C Spec #466-28.	ea	2	1
14	2Z5630-18	JUMPER; battery cell connector; no insulation; round, 1/8" 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	2
15	2B1653	MICROPHONE T-53: carbon; 3" diam x 8 3/4" overall; Sig C Spec #446-28 (w/cords and connectors).	ea	6	3
16	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	6
17	1B130	WIRE W-130: insulated; copper and steel or copper weld; 2 tw #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 #71-025.	ft	2600	2600
MICROPHONE T-53 PARTS					
18	4B2604	RECEIVER, handset; steel, bakelite and alloy copper electro acoustic transducer element; 1 1/4" diam x 1 1/8" thk; WECO #HA-4.	ea	6	2
RECORDER BC-1323 PARTS					
19	3H625-36	BRUSH, electrical contact: dyn, input; carbon and copper; 1/8" x 5/8" x 1/8" lg; Carter Mtr #17.	ea	4	2
20	3H625-34	BRUSH, electrical contact: dyn, output; carbon; 3/8" x 5/8" x 1/8" lg, less pigtail; Carter Mtr #9.	ea	4	2
21	3Z2585-2	FUSE, cartridge: 1/2 amp, 250 v; glass body; ferrules ends, 1/4" lg x 1/4" diam; 1" lg x 1/4" diam overall.	ea	2	6
22	3Z1950	FUSE FU-50: cartridge; 3 amp, 250 v; glass body; ferrule ends, 3/8" lg x 1/4" diam; 1 1/4" lg x 1/4" diam overall.	ea	2	6
23	3Z2606-3	FUSE, cartridge; 6 amp, 250 v; one-time; glass body; ferrule ends; 3/8" lg x 1/4" diam; 1 1/4" lg x 1/4" diam overall; Littelluse #1359; Buss MTH.	ea	2	6
24	2Z5786-47	KNOB, bar: black bakelite; for 1/2" diam shaft; 2 #8-32 slotted head cup point set screws; engraved w/straight line in center of point; 1 1/4" lg x 3/4" wd x 1/2" d; one end pointed; Daka Ware #2300, modified per Cambridge Instr dwg #13803.	ea	6	1
25	2Z5786-50	KNOB, round: black bakelite; for 1/2" diam shaft; one #6-32 set screw; 1/2" h x 3/4" max diam; Eby #230.	ea	8	1
26	2Z5932	LAMP LM-52: incandescent; 6-8 v, 0.15 amp; bulb T 3/4" clear; miniature bayonet base; Mazda #47.	ea	4	4
27	2C5090-1323/6	POLE PIECE, recorder head: fixed; permalloy; hydrogen annealed by WECO; 1 1/2" lg x 1 1/8" wd x 0.040" thk; Cambridge Instr. part/dwg #14861.	ea	18	11
28	2C5090-1323/7	POLE PIECE, recorder head: movable; permalloy; hydrogen annealed by WECO; 2 1/8" lg x 1 1/4" wd x 0.040" thk; Cambridge Instr part/dwg #14862.	ea	18	11
29	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	2
30	6Z7678	PULLEY, flat; aluminum and steel; 2 1/8" diam x 9/16" lg over shaft; includes 0.2187" diam shaft; Cambridge Instr part/dwg #15149.	ea	2	2

Item Number	Reference Symbol	Stock Number	Nomenclature	Unit of Measure	Quantity per Equipment	Organization (Authorized Allowance)	
						1st Echelon	2nd Echelon
31		2C5080-1323/5	PULLEY: flat; stainless steel; 0.495" diam x 0.250" thick; shaft hole consists of oilite bearing #A-100, 1/2" ID; Cambridge Instr part/dwg #14953.	ea	4		1
32		6L17004-12.49	SCREW, thumb: F Fil H, knurled, w/1/2" camfer; brass, cadmium pl; #4-26 thd, 3/4" lg w/5/16" lg thd; w/head 5/8" diam x 1/2" h, knurled 1/8" d; Cambridge Instr part/dwg #6282 (for tape tension.)	ea	2		1
33		6L20908-11-1.55	SCREW, mach: F Fil H; half hard brass, cadmium pl; #8-32 thd, 3/2" lg w/1/8" lg thd; head 3/4" diam x 1/8" thick; Cambridge Instr part/dwg #14951 (adjust tape tension spring).	ea	2		1
34		6L6440-20.12	SCREW, mach: Fil H; brass, cadmium pl; #4-40 thd, 1 1/4" lg overall w/1.118" lg thd; Cambridge Instr dwg #14944 (for magnetic head mounting).	ea	8		1
35		6L7032-9.25	SCREW, mach: F top Bind H; half hard brass, cadmium pl; #10-32 thd, 5/8" lg w/5/8" lg thd; head 3/8" diam x 1/2" thick; Cambridge Instr part/dwg #14945 (for tape tension arm clamp).	ea	2		1
36		6L8832-16.12	SCREW, mach: OH; brass, cadmium or zinc pl; #8-32 w/#2 rolled thd, 1" lg overall; Cambridge Instr part/dwg #15095 (u/in face plate assembly).	ea	20		1
37		2C5080-1323/1	SPRING, lock: 4 fingered; phosphor bronze; to lock magnetic head; 3/8" x 3/8" x 0.055" h x 0.005" thick; Cambridge Instr part/dwg #14863.	ea	16	2	
38		2C5090-1323/2	SPRING, tension: helical; stainless steel; to keep pole piece in cont w/tape; 5/8" lg x 3/2" OD; 20 close turns of 0.01" diam wire; Cambridge Instr part/dwg #14926.	ea	18	2	
39		6C303-2	TAPE, blank recording: vitacloy metal; welded loop 0.05" wd x 0.002" thick x 48" +/- 1/2" circumference; WECO #569891; Cambridge Instr part/dwg #15096; Sig C Spec 446-28.	ea	2	6	
40	T1-1 to 8	2Z9631.235	TRANSFORMER, AF; input, pri 50500 ohms; sec'd 50,000 ohms; hermetically sealed in metal case; 1 1/2" h x 3/4" diam; UTC #0-2, in case per UTC #84256; Cambridge Instr part/dwg #15091 det 1 to 8.	ea	16		1
41	V2	21114	TUBE, electron: JAN-6G6G (VT-198-A)	ea	8	14	2
42	V3	216G6G	TUBE, electron: JAN-913 (cathode ray)	ea	2	2	1
43	V5	21913	TUBE, electron: JAN-913 (cathode ray)	ea	2	2	1
44	V4	218016	TUBE, electron: JAN-9003	ea	2	2	1
45	V1	219003	TUBE, electron: JAN-9003 (VT-203)	ea	18	26	4
46	05	2C590-1323/9	WIPEr, tape: brass w/felt lining; to clean metal recording tape; 5/8" wd x 1 1/2" h x 1/4" thick; Cambridge Instr part/dwg #15069.	ea	2	2	
47		6R55230	WRENCH: set screw; "L" shape, 1 1/2" lg x 5/8" wd x 3/8" sq; spline type; Bristolco #0	ea	2		1

48	2B1300	INSERT M-300	MAINTENANCE PARTS FOR HEADSET HS-35	ea	2	8
49	4Z6933	STRAP, carrying: Sig C Strap ST-33; olive drab cotton webbing; 3/4" wd x 24" lg w/adjustment for length; fasteners each end (neck sling for Handset TS-10).	MAINTENANCE PARTS FOR REEL EQUIPMENT CE-11	ea	1	1
50	3Z1373-221	BOARD, terminal: Sig C connector M-221; bakelite grade BM6260; 2 brass lead alloy coated binding posts and terminals; moulded phenolic.	MAINTENANCE PARTS FOR REEL UNIT RL-39 AND RL-39-A	ea	1	1
51	6H3039/4	CRANK, reel: CRS; shaft 11 1/8" lg x 5/16" sq; w/steel arm and iron		ea	1	1

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