ARMY SERVICE FORCES CATALOG

SIG 8-BC-669

Ref. TM 11-625

Superseded per Sig 7+8-SCR-543, Mar. 1949

SIGNAL SUPPLY CATALOG

Higher Echelon Spare Parts for

Radio Receiver and Transmitter BC-669-A, B, C, D

Supersedes SIG 8-BC-669 dated 1 July 1944

See "SIG 1, Introduction", for general description of Ground Non-Radar equipment catalog pamphlets in the SIG 8 series. These notes cover expendability, requisitioning instructions, and explanations of the use of these pamphlets.

HEADQUARTERS, ARMY SERVICE FORCES,
WASHINGTON 25, D. C., 10 FEB 1945.

Army Service Forces Signal Supply Catalog Sig 8, BC-669 Higher Echelon Spare Parts for Radio Receiver and Transmitter BC-669-A, B, C, D, has been prepared under the supervision of the Chief Cignal Officer and is published for the information and guidance of all concerned.

[SPX 461 (23 Jan 45).]

BY COMMAND OF LIEUTENANT GENERAL SOMERVELL:

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For explanation of symbols, see FM 21-6.

Headquarters, Army Service Forces *10 Feb 1945*

[illegible]—103377E/645A

IDENTIFICATION									Unit of Measure	Quantity per equipment	Maintenance Initial working guide				Supply Initial stockage guide		
											3d echelon			4th	Army depot	Base depot 1 year	
Reference Symbol	Illustration Figure No.	Equipment Item No.	Stock No.	Models A	B	C	D	Nomenclature			1–2 Equip.	3–7 Equip.	8–30 Equip.	100 Equip.	100 Equip.	50 Equip.	100 Equip.
----------	--------	BC–669/2. 3	2Z7638. 3/2	*	*	*	*	ARMATURE: relay; Adv. Elec. #1000–13 (for antenna relay).	ea	1	1	1	1	------	3	5	7
C–22, 57, 62.	14	BC–669/22	3D9050–48	*	*	*	*	CAPACITOR: fixed; ceramic; 50 mmf ±20%; 500 vdcw; Centralab type D.	ea	3	1	1	2	3	5	15	25
C–62	--------	BC–669/22. 3	3D9050–87	----	----	----	*	CAPACITOR: fixed; ceramic; 50 mmf ±5%; 500 vdcw; Erie type N470L.	ea	1	1	1	1	------	3	8	12
C–57	--------	BC–669/22. 5	3D9130–4	----	*	*	*	CAPACITOR: fixed; ceramic; 130 mmf ±5%; 500 vdcw; Centralab type C.	ea	1	1	1	1	------	3	8	12
C–70, 72	14	BC–669/31	3DB40–17	*	*	*	*	CAPACITOR: fixed; electrolytic; 2 sections; 40–40 mf +65% −0%; 100 vdcw; ICC type 10B288.	ea	1	1	2	6	10	20	60	100
C–34	14	BC–669/13	3D9025–16	*	*	*	*	CAPACITOR: fixed; mica; 25 mmf ±5%; 500 vdcw; Solar type MOBW.	ea	1	1	1	1	------	3	8	12
C–9	14	BC–669/18	3D9003–12	*	*	*	*	CAPACITOR: fixed; mica; 3 mmf ±20%; 500 vdcw; Dubilier type 5WLS.	ea	1	1	1	1	------	3	8	12
C–51	14	BC–669/28	3D9070–7	*	*	*	*	CAPACITOR: fixed; mica; 70 mmf ±10%; 3,000 vdet; Aerovox type 1580LS–208.	ea	1	1	1	1	------	3	8	12
C–36, 40	14	BC–669/15	3K2010133	*	*	*	*	CAPACITOR: fixed; silver mica; 100 mmf ±2%; 500 vdcw; CM20C101G.	ea	2	1	1	2	3	4	12	20
----------	14	BC–669/21	3D390	*	*	*	*	CAPACITOR CA–390: fixed; mica; 200 mmf ±5%; 500 vdcw. NOTE: Reference #C–15, 16, 19, 20, 21.	ea	5	1	1	3	4	8	24	40
C–43	14	BC–669/25	3K7020132	*	*	*	*	CAPACITOR: fixed; mica; 200 mmf ±5%; 2,000 vdcw; CM70C201J.	ea	1	1	1	1	1	------	3	8	12
C–35	14	BC–669/14	3D9380	*	*	*	*	CAPACITOR: fixed; silver mica; 380 mmf ±2%; 300 vdcw; Solar type MW8W.	ea	1	1	1	1	3	3	9	15
C–38, 93, 94.	14	BC–669/23	3K2551143	*	*	*	*	CAPACITOR: fixed; silver mica; 500 mmf ±2%; 300 vdcw; CM25D511G.	ea	3	1	1	2	4	7	21	35
C–4	14	BC–669/8	3K3010232	*	*	*	*	CAPACITOR: fixed; silver mica; 1,000 mmf ±5%; 500 vdcw; CM30C102J.	ea	1	1	1	1	3	3	9	15

C-42	14	BC-669/24	3K3015242	*	*	*	*	CAPACITOR: fixed; silver mica; 1,500 mmf ±5%; 500 vdcw; CM30D152J.	ea	1	1	1	1	3	3	9	15
	14	BC-669/32	3K3020231	*	*	*	*	CAPACITOR: fixed; mica; 2,000 mmf ±20%; 500 vdcw; CM30C202K. NOTE: Reference #C-31, 58, 59, 65, 66.	ea	5	1	1	3	4	8	24	40
	14	BC-669/12	3K5020221	*	*	*	*	CAPACITOR: fixed; mica; 2,000 mmf ±10%; 2,500 vdcw; CM50B202J. NOTE: Reference #C-29, 52, 53, 54, 55.	ea	5	1	1	3	4	8	24	40
C-2	14	BC-669/6	3K3547221	*	*	*	*	CAPACITOR: fixed; mica; 4,500 mmf ±20%; 300 vdcw; CM35B472K.	ea	1	1	1	1		3	8	12
C-26, 97, 98		BC-669/6.5	3DA5-75	*	*	*	*	CAPACITOR: fixed; mica; 5,000 mmf ±20%; 500 vdcw; Solar type MKW.5-25-20.	ea	3	1	1	2	3	5	15	25
C-27		BC-669/11	3DA7.500	*	*	*	*	CAPACITOR: fixed; mica; 7,500 mmf ±10%; 300 vdcw; Dubilier type 1WLS.	ea	1	1	1	1		3	8	12
C-65, 66, 101		BC-669/32.5	3DA2-83				*	CAPACITOR: fixed; paper; 2,000 mmf ±10%; 400 vdcw; Micamold type 340-11.	ea	3	1	1	2	4	7	21	35
C-56, 60, 100		BC-669/10	3DA6-45	*	*	*	*	CAPACITOR: fixed; paper; 6,000 mmf ±20%; 600 vdcw; Micamold type 340-24.	ea	3	1	1	3	5	9	25	45
C-6, 105	14	BC-669/16	3DA10-140	*	*	*	*	CAPACITOR: fixed; paper; 10,000 mmf +20% −10%; 400 vdcw; CN41B103.	ea	2	1	1	2	3	5	15	25
	14	BC-669/17	3DA20-45	*	*	*	*	CAPACITOR: fixed; paper; 20,000 mmf +20% −10%; 600 vdcw; Micamold type 345-9. NOTE: Reference #C-7, 13, 14, 17, 18, 33, 67.	ea	7	1	1	3	6	11	35	55
	14	BC-669/20	3DA50-42	*	*	*	*	CAPACITOR: fixed; paper; 50,000 mmf +20% −10%; 600 vdcw; Micamold type 345-22. NOTE: Reference #C-12, 23, 25, 30, 32, 41, 91.	ea	7	1	1	3	6	11	35	55
	14	BC-669/19	3DA100-112.1	*	*	*	*	CAPACITOR: fixed; paper; 100,000 mmf ±20%; 400 vdcw; Micamold type 345-21. NOTE: Reference #C-8, 24, 28, 95, 96, 103, 104, 106.	ea	8	1	2	4	6	12	35	60
C-63, 64	14	BC-669/29	3DA500-73	*	*	*	*	CAPACITOR: fixed; paper; 500,000 mmf +14% −6%; 200 vdcw; CP50B1EC-504KK	ea	2	1	1	2	3	4	12	20

IDENTIFICATION										Unit of Measure	Quantity per equipment	Maintenance Initial working guide				Supply Initial stockage guide		
				Models								3d echelon			4th	Army depot	Base depot 1 year	
Reference Symbol	Illustration Figure No.	Equipment Item No.	Stock No.	A	B	C	D		Nomenclature			1–2 Equip.	3–7 Equip.	8–30 Equip.	100 Equip.	100 Equip.	50 Equip.	100 Equip.
C–99		BC–669/29. 5	3DA500–97. 8				*		CAPACITOR: fixed; paper; 500,000 mmf +14% −6%; 600 vdcw; Gudeman Condenser #7283.	ea	1	1	1	2	3	4	12	20
C–6	14	BC–669/9	3D234	*	*	*			CAPACITOR CA–234; fixed; paper; 2 sections; 1–1 mf +14% −6%; 200 vdcw.	ea	1	1	1	1	3	6	18	30
C–24		BC–669/9. 3	3DB1. 6100K				*		CAPACITOR: fixed; paper; 1 mf +14% −6%; 600 vdcw; 2" x 1¾" x ⅜"; Gudeman Condenser #7504.	ea	1	1	1	1	3	3	9	15
C–91. 1		BC–669/9. 5	3D209		*	*	*		CAPACITOR CA–209: fixed; paper; 2 sections; 1.9–1.9 mf +14% −6%; 200 vdcw; (used in series with Relay Coils RY 3 and RY 4, prevents chatter).	ea	1	1	1	1		3	12	20
C–56. 61. 88.	14	BC–669/10. 5	3DA6–70				*		CAPACITOR: fixed; paper; 6,000 mmf ±10%; 1,600 vdcw; 1⅜" long x ⅜" dia; CM36A602.	ea	3	1	1	3	5	9	25	45
C–102		BC–669/18. 1	3DB4–165				*		CAPACITOR: fixed; paper; 4 mf +14% −6%; 50 vdcw; 2" x 2" x 1⅜"; Gudeman Condenser #7541.	ea	1	1	1	2	3	4	12	20
C–68. 69. 71.	14	BC–669/30	3DB8–38	*	*	*	*		CAPACITOR: fixed; paper; 8 mf +14% −6%; 1,000 vdcw; ICC type 10SAR800.	ea	3	1	1	3	4	8	24	40
	14	BC–669/27	3D9150V–5	*	*	*	*		CAPACITOR: variable; air dielectric; 150 mmf; Johnson type H15. NOTE: Reference #C–45, 46, 47, 48, 49, 50.	ea	6					3	8	13
C–44	14	BC–669/26	3D9250V–1	*	*	*	*		CAPACITOR: variable; air dielectric; 250 mmf; Johnson type H15.	ea	1	1	1	1		3	3	4
C–1. 1, 1. 2, 1. 3.	14	BC–669/5	3D9107VE6	*	*	*	*		CAPACITOR: variable; air dielectric; 3 sections; 107.6–107.6–107.6 mmf; Erie #13861.	ea	1	1	1	1		3	3	4
		BC–669/34	2Z2636–7	*	*	*	*		CLAMP: cable; acetobutyrate; Erie #14155.	ea	2	1	1	1		3	2	2

----------	----------	BC-669/46.5	2Z2643.12	*	*	*	--	--	CLAMP: tube; steel; nickel finish; Erla #14445.	ea	9	1	1	1	------	3	3	4
----------	----------	BC-669/46.7	2Z1605-2	*	*	*	*	--	CLIP: tube contact; insulated bakelite (connection to plates of PA tubes).	ea	2	1	1	1	------	3	3	4
----------	14	BC-669/44.3	3C323-11A	*	*	*	*	--	COIL: radio RF; choke; Hallicrafters 51A134. NOTE: Reference #L-2, 5, 6, 7, 16.	ea	5	1	1	2	4	7	21	35
L-1	14	BC-669/41	3C371-3	*	*	*	*	--	COIL: radio, AF; filter; Stancor #10C15 (low frequency band pass filter).	ea	1	1	1	1	------	3	6	9
T-1	14	BC-669/35	2C5380-669C/C1.	*	*	*	*	--	COIL ASSEMBLY: radio, RF; antenna band #1; shielded Hallicrafters #51B421; Erla #13781.	ea	1	1	1	1	------	3	9	14
T-2	14	BC-669/36	2C5380-669C/C3.	*	*	*	*	--	COIL ASSEMBLY, radio, RF; antenna band #2; shielded Hallicrafters #51B424; Erla #13815.	ea	1	1	1	1	------	3	9	14
L-4	14	BC-669/44	3C302M	*	*	*	*	--	COIL ASSEMBLY: radio, RF; antenna loading; Hallicrafters #51C448; Erla #14074.	ea	1	1	1	1	------	3	8	12
L-20	----------	BC-669/44.5	3C344-17	----	----	----	*	--	COIL: radio, AF; filter; keying; 10 hy. min. at 17 ma; 150 ohms DC resistance ±10%; Erla #16232.	ea	1	1	1	1	------	3	8	9
T-17	----------	BC-669/44.7	2Z9641.182	----	----	----	*	--	COIL ASSEMBLY: radio; BFO; iron core; peak freq. 385 kc; variable 7 kc either side; variable air trimmer; fixed; 500 mmf capacitor included; Erla #16117.	ea	1	1	1	2	3	3	12	20
T-7	14	BC-669/39	2C5380-669C/C5.	*	*	*	*	--	COIL ASSEMBLY: radio, RF; osc. band #1; Hallicrafters #51B423; Erla #13805.	ea	1	1	1	1	------	3	8	12
T-8	14	BC-669/40	2C5380-669C/C4.	*	*	*	*	--	COIL ASSEMBLY: radio, RF; osc. band #2; Hallicrafters #51B426; Erla #15849-6.	ea	1	1	1	1	------	3	8	12
L-3	14	BC-669/43	3C2506	*	*	*	*	--	COIL ASSEMBLY: radio, RF; plate tank; Hallicrafters #10007.	ea	1	1	1	1	------	3	8	12
T-3	14	BC-669/37	2C5380-669C/C6.	*	*	*	*	--	COIL ASSEMBLY: radio, RF; RF band #1; shielded; Hallicrafters #51B422; Erla #13803.	ea	1	1	1	1	------	3	9	14
T-4	14	BC-669/38	2C5380-669C/C2.	*	*	*	*	--	COIL ASSEMBLY: radio, RF; RF band #2; Hallicrafters #51B425; Erla #13818.	ea	1	1	1	1	------	3	9	14
SO-8	----------	BC-669/56.3	2Z8799-239	----	----	----	*	--	CONNECTOR: female contact; Sig C Socket SO-239; single cont.	ea	1	1	1	1	------	3	3	4
----------	----------	BC-669/56.5	6Z3150-1	----	----	----	*	--	CONNECTOR: female contact; 2 cont; twist-lock; Hubbell #7506; Erla #16081 (power input).	ea	1	1	1	2	3	4	12	20

IDENTIFICATION										Unit of Measure	Quantity per equipment	Maintenance Initial working guide				Supply Initial stockage guide		
				Models								3d echelon			4th	Army depot	Base depot 1 year	
Reference Symbol	Illustration Figure No.	Equipment Item No.	Stock No.	A	B	C	D		Nomenclature			1–2 Equip.	3–7 Equip.	8–30 Equip.	100 Equip.	100 Equip.	50 Equip.	100 Equip.
SO–7		BC–669/52	2ZK3096–31				*		CONNECTOR: female contact (socket); 7 cont; Erla #16181.	ea	1	1	1	2	3	4	12	20
PL–3	13	BC–669/50	2Z8680	*	*	*	*		CONNECTOR: female contact; 10 cont; Amphenol #AN–3102–18–1S.	ea	1	1	1	1		3	9	14
SO–1		BC–669/54	2Z8639.18	*	*	*			CONNECTOR: female contact; 12 cont; Jones #1412.	ea	1	1	1	1		3	9	14
SO–1		BC–669/54.5	2Z8682.2				*		CONNECTOR: female contact; 12 cont; Jones #S–412AB; Erla #16182 (socket for PL–1).	ea	1	1	1	2	3	4	12	20
PL–1	14	BC–669/53	2Z7228.5	*	*	*			CONNECTOR: male contact; 12 prongs; Jones #1412.	ea	1	1	1	2	4	7	21	35
PL–1		BC–669/53.3	2Z3032–10				*		CONNECTOR: male contact (plug); 12 cont; modified Jones type P–412–CCT; Erla #16293 (connects modulator to RF chassis).	ea	1	1	1	2	4	7	21	35
PL–2	13	BC–669/53.5	2Z7122.2	*	*	*	*		CONNECTOR: male contact; 12 cont; Amphenol #MOD–3102–28–8P.	ea	1	1	1	2	4	7	21	35
		BC–669/80	2Z7638.3/1	*	*	*	*		CONTACT ASSEMBLY: relay; (stationary contacts for RY–1).	ea	1	1	1	1		3	5	7
		BC–669/56.7	2Z3404.12	*	*	*	*		COVER: relay; bakelite; $\frac{1}{8}$" thick; $3\frac{31}{32}$" high; $2\frac{3}{32}$" wide x $1\frac{15}{16}$" deep at bottom (p/o RY–2).	ea	1				4	4	12	20
		BC–669/57	2Z3708–1	*	*	*	*		DIAL: tuning; brass disc; bakelite knob; Erla #14062 (transmitter antenna tuning).	ea	1	1	1	1		3	3	4
		BC–669/58	2Z3708–2	*	*	*	*		DIAL: tuning; brass; nickel finish; knurled knob; Erla #14069 (receiver tuning).	ea	1	1	1	1		3	1	1
		BC–669/59.5	6L17112–25.54		*	*	*	*	DRAW BOLT: steel; special; nickel plated; $1\frac{3}{4}$" long overall; 0.22–28 thread conical point; knurled knob, slotted; $\frac{5}{8}$" dia. x $1\frac{3}{4}$" long; with lock ring and washer (holds BC–669 to mounting pan).	ea	6					3	3	3

		BC-669/61.3	6Z1747-8	*	*	*	*	FASTENER: latch, top cover; brass lift; steel body; Erla #14030.	ea	1					3	2	2
		BC-669/61.5	6Z3810-8	*	*	*	*	FASTENER: trunk; nickel finish; Erla #14606.	ea	4					3	3	3
		BC-669/63.5	3Z3345	*	*	*	*	INDEX ASSEMBLY: rotary; 6 positions; brass; Erla #13912 (channel selector locking plate).	ea	1	1	1	1		3	4	6
		BC-669/64	3G1300-50	*	*	*	*	INSULATOR: antenna feed through; white ceramic; Erla #14049.	ea	1	1	1	1		3	6	10
		BC-669/67	3G1250-11.1	*	*	*	*	INSULATOR: coupling; white ceramic; Erla #13936 (transmitter band switch coupling).	ea	2	1	1	2	3	4	12	20
		BC-669/65	3G1300-6	*	*	*	*	INSULATOR: feed through; white ceramic; Erla #13850.	ea	6				3	5	14	23
		BC-669/65.5	2Z8805-1	*	*	*	*	INSULATOR: standoff; white ceramic; Erla #13995.	ea	2	1	1	1	3	4	10	17
		BC-669/66	3G1000-5	*	*	*	*	INSULATOR: standoff; conical; white ceramic; Erla #13875.	ea	2	1	1	1		3	9	14
J-2		BC-669/67.3	2Z5533A	--	--	--	*	JACK: telephone; Sig C Jack JK-33-A	ea	1	1	1	2	3	5	15	25
J-1, 3		BC-669/67.5	2Z5534	--	--	--	*	JACK: telephone; Sig C Jack JK-34-A	ea	2	1	1	3	5	9	25	45
		BC-669/70	2Z5849.8	*	*	*	*	KNOB: round; black bakelite; white dot; Erla #14068 (audio and RF control).	ea	4	1	1	1		3	6	9
		BC-669/72	2Z5753.26	*	*	*	*	KNOB: round; black bakelite; single set screw; large; with radium activated dot; Erla #1673.	ea	2	1	1	1		3	5	7
LM-1, 2	14	BC-669/72.3	2Z5927	*	*	*	--	LAMP: incandescent; Sig C Lamp LM-27; 6-8 volts; .25 amp; miniature bayonet base; Mazda #44.	ea	2	1	1	3	5	17	50	85
LM-1, 2, 3		BC-669/72.5	2Z5933	--	--	--	*	LAMP: incandescent; Sig C Lamp LM-33; 12-16 volts; 100 ma; bayonet base; Mazda #57 (pilot).	ea	3	2	3	10	20	70	210	350
		BC-669/72.7	2Z5883-20	*	*	*	*	LAMPHOLDER: bayonet base; nickel finish; Drake #21 VCSP (for pilot light).	ea	2	1	1	1		3	2	2
		BC-669/72.9	2Z5883-214	--	--	--	*	LAMPHOLDER: bayonet base; black nickel finish; horizontal shutter; Erla #16825 (pilot light).	ea	1	1	1	1		3	3	3
		BC-669/72.2	2Z5891-14	*	*	*	--	LENS: indicator light; green; 5/8" dia; Erla #14464.	ea	1	1	1	1		3	4	6
		BC-669/72.4	2Z6125-46	--	--	--	*	LENS: indicator light; green; blackout shutter type; Erla #16274-2 (jewel for LM-1).	ea	1	1	1	1		3	8	12

IDENTIFICATION									Unit of Measure	Quantity per equipment	Maintenance Initial working guide				Supply Initial stockage guide		
											3d echelon			4th	Army depot	Base depot 1 year	
Reference Symbol	Illustration Figure No.	Equipment Item No.	Stock No.	A	B	C	D	Nomenclature			1–2 Equip.	3–7 Equip.	8–30 Equip.	100 Equip.	100 Equip.	50 Equip.	100 Equip.
----------	-------	BC–669/72.6	2Z5891–13	•	•	•	--	--	LENS: indicator light; red; ¾" dia; Erla #14118.	ea	1	1	1	1	------	3	4	6
----------	-------	BC–669/72.8	2Z6125–47	--	--	--	•	--	LENS: indicator light; red; blackout shutter type; Erla #162741 (jewel for LM–2).	ea	1	1	1	1	------	3	8	12
M–1	14	BC–669/73.3	3F311	•	•	•	•	--	METER: ammeter; Sig C Ammeter IS–111; AC; 0–2.5 amps; flush mtg; 3½" dia. flange; JAN #MR35W005RFAA.	ea	1	1	1	1	3	4	10	17
M–2	14	BC–669/73.5	3F901E5–4	•	•	•	•	--	METER: ammeter; DC; 0–300 ma; Triplett #0321; Simpson #25.	ea	1	1	1	2	3	5	15	25
----------	-------	BC–669/74.5	3Z737–41	•	•	•	•	--	POST: binding; metal; screw cap; Sergeant #SS14.	ea	1	1	1	1	------	3	3	4
RY–1	14	BC–669/79.5	2Z7590–31	•	•	•	--	--	RELAY: antenna; DPDT; Adv. Elect. #1004A–1B.	ea	1	1	1	2	3	4	12	20
RY–1	-------	BC–669/80.5	2Z7591–30	--	--	--	•	--	RELAY: antenna; 3PDT; Erla #16228 (antenna change over).	ea	1	1	1	2	3	4	12	20
RY–2	14	BC–669/81.3	2Z7650.4	•	•	•	--	--	RELAY: modulator; DPST; plus 1 set contacts normally closed; Clare DP type G	ea	1	1	1	2	3	5	15	25
RY–2	-------	BC–669/81.5	2Z7589–93	--	--	--	•	--	RELAY: modulator; DPST; plus 1 set of normally closed contacts; Clare CP type G.	ea	1	1	1	2	3	4	12	20
R–3, 9, 13	14	BC–669/95	3RC21BF–331M.	•	•	•	•	--	RESISTOR: fixed; carbon; 330 ohms ±20%; ½ watt; RC21BF331M.	ea	3	1	1	3	5	9	25	45
R–7	-------	BC–669/96	3RC21BF–391K.	•	•	•	•	--	RESISTOR: fixed; carbon; 390 ohms ±10%; ½ watt; RC21BF391K.	ea	1	1	1	2	3	4	12	20
R–23	-------	BC–669/97	3RC41BF–471K.	•	•	•	•	--	RESISTOR: fixed; carbon; 470 ohms ±10%; 2 watts; RC41BF471K.	ea	1	1	1	2	3	4	12	20
R–11 58	14	BC–669/99	3RC21BF–102M.	•	•	•	•	--	RESISTOR: fixed; carbon; 1,000 ohms ±20%; ½ watt; RC21BF102M.	ea	2	1	1	3	5	9	25	45
R–87	-------	BC–669/101.5	3RC21BF–222K.	--	--	--	•	--	RESISTOR: fixed; carbon; 2,200 ohms ±10%; ½ watt; RC21BF222K.	ea	1	1	1	2	3	4	12	20

R-80	----	BC-669/102.5	3RC21BF-622J.	--	--	--	•	--	RESISTOR: fixed; carbon; 6,200 ohms ±10%; ½ watt; RC21BF622J.	ea	1	1	1	2	3	4	12	20
R-41	14	BC-669/103	3RC41BF-682K.	•	•	•	•	--	RESISTOR: fixed; carbon; 6,800 ohms ±10%; 2 watts; RC41BF682K.	ea	1	1	1	2	4	7	21	35
R-32	14	BC-669/104	3RC41BF-103K.	•	•	•	•	--	RESISTOR: fixed; carbon; 10,000 ohms ±10%; 2 watts; RC41BF103K.	ea	1	1	1	2	3	5	15	25
R-1	14	BC-669/106	3RC10BF-153K.	•	•	•	•	--	RESISTOR: fixed; carbon; 15,000 ohms ±10%; ¼ watt; RC10BF153K.	ea	1	1	1	2	3	4	12	20
R-2, 6	14	BC-669/107	3RC21BF-153M.	•	•	•	•	--	RESISTOR: fixed; carbon; 15,000 ohms ±20%; ½ watt; RC21BF153M.	ea	1	1	1	2	3	4	12	20
R-5	14	BC-669/110	3RC31BF-273K.	•	•	•	•	--	RESISTOR: fixed; carbon; 27,000 ohms ±10%; 1 watt; RC31BF273K.	ea	1	1	1	2	3	5	15	25
R-18, 81	14	BC-669/112	3RC21BF-333M.	•	•	•	•	--	RESISTOR: fixed; carbon; 33,000 ohms ±20%; ½ watt; RC21BF333M	ea	1	1	1		3	4	12	20
R-8, 15	14	BC-669/114	3RC21BF-473M.	•	•	•	•	--	RESISTOR: fixed; carbon; 47,000 ohms ±20%; ½ watt; RC21BF473M	ea	1	1	1	2	3	4	12	20
R-46, 26	14	BC-669/115	3RC31BF-473K.	•	•	•		--	RESISTOR: fixed; carbon; 47,000 ohms ±10%; 1 watt; RC31BF473K.	ea	2	1	1	3	5	9	25	45
R-56, 55	----	BC-669/116.5	3RC21BF-513J.	•	•	•	•	--	RESISTOR: fixed; composition; 51,000 ohms ±5%; ½ watt; RC21BF513J.	ea	2	1	1	2	4	7	21	35
R-28, 88, 92.	14	BC-669/117	3RC21BF-683K.	•	•	•	•	--	RESISTOR: fixed; carbon; 68,000 ohms ±10%; ½ watt; RC21BF683K.	ea	3	1	1	3	5	9	25	45
R-29, 31, 55.	14	BC-669/118	3RC21BF-104M.	•	•	•	•	--	RESISTOR: fixed; carbon; 100,000 ohms ±20%; ½ watt; RC21BF104M.	ea	3	1	1	3	5	9	25	45
R-31, 90	----	BC-669/1185	3RC21BF-154M.	--	--	--	•	--	RESISTOR: fixed; carbon; 150,000 ohms ±20%; ½ watt; RC21BF154M.	ea	2	1	1	2	4	7	21	35
R-83	----	BC-669/1205	3RC21BF-224K.	--	--	--	•	--	RESISTOR: fixed; carbon; 220,000 ohms ±10%; ½ watt; RC21BF224K.	ea	1	1	1	2	3	4	12	20
R-16, 20, 91.	----	BC-669/119	3RC21BF-224M.	--	--	--	•	--	RESISTOR: fixed; carbon; 220,000 ohms ±20%; ½ watt; RC21BF224M.	ea	3	1	1	3	5	9	25	45
R-54	14	BC-669/120	3RC31BF-224K.	•	•	•	•	--	RESISTOR: fixed; composition; 220,000 ohms ±10%; 1 watt; RC31BF224.	ea	2	1	1	2	4	7	21	35
R-57, 86	14	BC-669/120.7	C3R21BF-244J.	•	•	•	•	--	RESISTOR: fixed; composition; 240,000 ohms ±5%; ½ watt; RC21BF244J.	ea	2	1	1	2	4	7	21	35
R-82	----	BC-669/121.5	3RC21BF-304J.	--	--	--	•	--	RESISTOR: fixed; carbon; 300,000 ohms ±5%; ½ watt; RC21BF304J.	ea	1	1	1	2	3	4	12	20
R-24	14	BC-669/122	3RC21BF-474M.	•	•	•	--	--	RESISTOR: fixed; carbon; 470,000 ohms ±20%; ½ watt; RC21BF474M.	ea	1	1	1	2	3	4	12	20
----	14	BC-669/123	3RC21BF-105M.	•	•	•	•	--	RESISTOR: fixed; carbon; 1 meg. ±20%; ½ watt; RC21BF105M.	ea	5	1	2	4	7	14	40	70
									NOTE: Reference #R-10, 12, 14, 19, 30.									

IDENTIFICATION										Unit of Measure	Quantity per equipment	Maintenance Initial working guide				Supply Initial stockage guide		
				Models								3d echelon			4th	Army depot	Base depot 1 year	
Reference Symbol	Illustration Figure No.	Equipment Item No.	Stock No.	A	B	C	D		Nomenclature			1-2 Equip.	3-7 Equip.	8-30 Equip.	100 Equip.	100 Equip.	50 Equip.	100 Equip.
R-33	14	BC-669/124	3RC41BF-105M.	•	•	•	•	--	RESISTOR: fixed; carbon; 1 meg. ±20%; 2 watts; RC41BF105M.	ea	1	1	1	2	3	5	15	25
R-16, 22	14	BC-669/125	3RC21BF-225M.	•	•	•	--	--	RESISTOR: fixed; carbon; 2.2 meg. ±20%; ½ watt; RC21BF225M.	ea	2	1	1	2	4	7	21	35
R-17, 89	14	BC-669/126	3RC21BF-475M.	•	•	•	•	--	RESISTOR: fixed; carbon; 4.7 meg. ±20%; ½ watt; RC21BF475M.	ea	2	1	1	2	4	7	21	35
R-51	14	BC-669/83	3Z5996-3	--	•	•	•	--	RESISTOR: fixed; wire wound; 6 ohms ±10%; 2 watts; IRC type BW-2.	ea	1	1	1	2	3	4	12	20
R-27	14	BC-669/84	3Z5997-2	•	•	•	•	--	RESISTOR: fixed; wire wound; 7.5 ohms ±10%; 10 watts; Utah type VWQ.	ea	1	1	1	2	3	4	12	20
R-34, 37	14	BC-669/85	3Z6001-10	•	•	•	•	--	RESISTOR: fixed; wire wound; 10 ohms ±10%; 2 watts; IRC type BW-2.	ea	2	1	1	2	4	7	21	35
R-47	14	BC-669/86	3Z6001E5-2	•	•	•	--	--	RESISTOR: fixed; wire wound; 15 ohms ±10%; 10 watts; Utah type VWQ.	ea	1	1	1	2	3	4	12	20
R-36, 39	14	BC-669/87	3Z6002E5-2	•	•	•	•	--	RESISTOR: fixed; wire wound; 25 ohms ±10%; ½ watt; IRC type BW-½.	ea	2	1	1	2	4	7	21	35
R-51	14	BC-669/88	3Z6003C3-5	•	--	--	--	--	RESISTOR: fixed; wire wound; 33 ohms ±10%; 2 watts; IRC type BW-2.	ea	1	1	1	2	3	5	15	25
R-48, 49	14	BC-669/89	3Z6004-5	•	•	•	--	--	RESISTOR: fixed; wire wound; 40 ohms ±10%; 2 watts; IRC type BW-2.	ea	2	------	------	------	7	7	21	35
----------	14	BC-669/90	3Z6005-34	•	•	•	•	--	RESISTOR: fixed; wire wound; 50 ohms ±10%; ½ watt; IRC type BW-½. NOTE: Reference †R-59, 60, 61, 62.	ea	4	1	1	2	4	7	21	35
R-40, 93	14	BC-669/91	3Z6005-36	•	•	•	•	--	RESISTOR: fixed; wire wound; 50 ohms ±10%; 10 watts; Utah type VWQ.	ea	2	1	1	2	3	6	18	30
R-85	--------	BC-669/91.5	3Z6006B2-15	--	--	--	•	--	RESISTOR: fixed; wire wound; 62 ohms ±10%; 5 watts; 1 1/2" long x 13/16" dia; Sprague Koolohm.	ea	1	1	1	2	3	4	12	20
R-42, 52	14	BC-669/92	3Z6010-18	•	•	•	•	--	RESISTOR: fixed; wire wound; 100 ohms ±10%; ½ watt; IRC type BW-½.	ea	2	1	1	2	3	4	12	20
R-45	14	BC-669/93	3Z6012A5-3	•	•	•	--	--	RESISTOR: fixed; wire wound; 125 ohms ±10%; ½ watt; IRC type BW-½.	ea	1	1	1	1	------	3	8	12

R-69	14	BC-669/94	3Z6012A5-4	*	*	*	*		RESISTOR: fixed; wire wound; 125 ohms ±10%; 10 watts; Utah type VWQ.	ea	1	1	1	1		3	8	12
R-66	14	BC-669/98	3Z6040-13	*	*	*	*		RESISTOR: fixed; wire wound; 500 ohms ±10%; 50 watts; tapped at 400 ohms; Utah type 50VTQB.	ea	1	1	1	2	3	4	12	20
R-79		BC-669/98.5	3Z6065-6				*		RESISTOR: fixed; wire wound; 650 ohms ±10%; 50 watts; Utah type X-314-R.	ea	1	1	1	2	3	4	12	20
R-70	14	BC-669/101	3Z6100-34	*	*	*			RESISTOR: fixed; wire wound; 1,000 ohms ±10%; 2 watts; IRC type BW-2.	ea	1	1	1	1		3	8	12
R-65	14	BC-669/102	3Z6500-74	*	*	*	*		RESISTOR: fixed; wire wound; 5,000 ohms ±10%; 20 watts; Utah type VWQ.	ea	1	1	1	2	3	4	12	20
R-77		BC-669/102.7	3Z6560-6		*	*	*		RESISTOR: fixed; wire wound; 6,000 ohms ±10%; 10 watts; Ohmite type BD.	ea	1	1	1	2	3	4	12	20
R-25, 50, 68, 76.	14	BC-669/105	3Z6610-70	*	*	*	*		RESISTOR: fixed; wire wound; 10,000 ohms ±10%; 10 watts; Utah type VWQ.	ea	4	1	1	2	4	7	21	35
R-43		BC-669/111.5	3Z6615-6		*	*	*		RESISTOR: fixed; wire wound; 15,000 ohms ±5%; 10 watts; Ohmite type BD.	ea	1	1	1	2	3	4	12	20
R-35, 38	14	BC-669/108	3Z6620-54	*	*	*	*		RESISTOR: fixed; wire wound; 20,000 ohms ±10%; 10 watts; Utah type VWQ.	ea	2	1	1	2	3	4	12	20
R-67	14	BC-669/113	3Z6640-17	*	*	*	*		RESISTOR: fixed; wire wound; 40,000 ohms ±10%; 20 watts; Utah type VWQ.	ea	1	1	1	1		3	8	12
R-78		BC-669/102.9	2Z7269.176				*		RESISTOR: variable; carbon; 6,500 ohms ±20%; 3 terminals; with switch making contact at extreme counter clockwise position; 1 13/16" dia. overall x 1" deep; CTS type RAC-35; Simpson dwg. #16207.	ea	1	1	1	3	5	9	25	45
R-4	14	BC-669/75	2Z7269.22	*	*	*			RESISTOR: variable (potentiometer); carbon; 10,000 ohms ±20%; ½ watt; CTS #35.	ea	1	1	1	3	4	8	24	40
R-53	14	BC-669/76	2Z7271.1	*	*	*			RESISTOR: variable (potentiometer); carbon; 100,000 ohms ±20%; ½ watt; Centralab #31-010-039.	ea	1	1	1	3	4	8	24	40
R-53		BC-669/76.5	2Z7271.31				*		RESISTOR: variable; carbon; 100,000 ohms ±20%; 3 terminals; screwdriver slotted shaft; Erla type A curve; Centralab type 9793.	ea	1	1	1	3	4	8	24	40
R-21	14	BC-669/77	2Z7272.21	*	*	*			RESISTOR: variable (potentiometer); carbon; 500,000 ohms ±20%; Hallicrafters #25-086G; Erla #13829.	ea	1	1	1	2	4	7	21	35

IDENTIFICATION										Unit of Measure	Quantity per equipment	Maintenance Initial working guide				Supply Initial stockage guide		
				Models								3d echelon			4th	Army depot	Base depot 1 year	
Reference Symbol	Illustration Figure No.	Equipment Item No.	Stock No.	A	B	C	D		Nomenclature			1–2 Equip.	3–7 Equip.	8–30 Equip.	100 Equip.	100 Equip.	50 Equip.	100 Equip.
R–4, 21		BC–669/77. 5	2Z7284–76				•		RESISTOR: variable; carbon; dual; 10,000–500,000 ohms ±20%; 3 terminals; CTS type 2–35R3702.	ea	1	1	1	3	5	9	25	45
R–63, 64	14	BC–669/126. 5	3Z5983–5	•	•	•	•		SHUNT: meter; fixed; wire wound; .3508 ohms; 300 ma; Erla #14101.	ea	2	1	1	2	4	7	21	35
		BC–669/130	2Z8672. 25	•	•	•	•		SOCKET: crystal; bakelite; Amphenol #33–3T.	ea	12	1	1	2	3	5	14	23
		BC–669/127. 5	2Z8659–5	•	•	•	•		SOCKET: tube; std. 4 cont; Amphenol #M1P4.	ea	5	1	1	2	3	4	12	20
		BC–669/128	2Z8665. 3	•	•	•			SOCKET: tube; 5 cont; Amphenol #M1P5	ea	1	1	1	1		3	5	7
		BC–669/128. 5	2Z8675. 29				•		SOCKET: tube; 5 cont; Millen #33005	ea	2	1	1	1		3	6	10
		BC–669/129	2Z8676. 11	•	•	•	•		SOCKET: tube; 6 cont; bakelite; Amphenol #M1P6T.	ea	2	1	1	1		3	6	10
		BC–669/127	2Z8678. 74	•	•	•	•		SOCKET: tube; octal; bakelite; Amphenol #M1P8T.	ea	13	1	1	2	3	5	15	24
LS–1	14	BC–669/133	2Z6305	•	•	•	•		SPEAKER: dynamic; PM; 5"; Jensen #PM5LS.	ea	1	1	1	2	3	4	12	20
S–3. 2	14	BC–669/138	3Z9825–62. 23	•	•	•	•		SWITCH: rotary; 1 pole, 6 positions; 1 section; Oak #5301 (antenna loading).	ea	1	1	1	3	4	8	24	40
S–5. 1, 5. 2		BC–669/139	3Z9825–80. 1	•	•	•			SWITCH: rotary; 2 poles, 3 positions; 1 section; Erla #14136 (meter switch).	ea	1	1	1	3	5	9	25	45
S–5. 1, 5. 2		BC–669/139. 5	3Z9825–62. 167.				•		SWITCH: rotary; meter; 2 poles, 3 positions; one section; spring return to full counter-clockwise position; Oak Mfg. #2837A–QH (M2 circuit selector).	ea	1	1	1	3	5	9	25	45
S–3. 1, 3. 3 to 3. 8.		BC–669/136. 5	3Z9825–62. 168.				•		SWITCH: rotary; 6 poles, 6 positions, 6 sections; non-shorting; Oak #28003–H60 (transmitter channel selector).	ea	1	1	1	3	5	9	25	45
		BC–669/136	3Z9825–62. 9	•	•	•			SWITCH: rotary; 6 poles, 6 positions, 5 sections; Oak #24409–H5C (transmitter channel selector). NOTE: Reference #S–3.1, 3.3, 3.4, 3.5, 5.6, 3.7	ea	1	1	2	4	7	14	40	70

S-2. 1 to 2. 7.	--------	BC-669/137. 5	3Z9825-62. 170.	--	--	*	*	--	SWITCH: rotary; 2 positions, 6 poles; single section; non-shorting; Erla #16101 (CW-on-off).	ea	1	1	1	3	4	8	24	40
S-1	14	BC-669/135	3Z9825-29. 2	*	*	--	--	--	SWITCH: rotary; 7 poles, 4 positions; 3 sections; Oak Mfg. Co. type "H" (receiver band switch).	ea	1	1	2	4	7	14	40	70
S-14. 1 to 14. 8.	--------	BC-669/140. 3	3Z9825-62. 169.	--	--	--	*	--	SWITCH: rotary; selector; 2 positions, 7 poles, 2 sections; Erla #16102 (voice-CW switch).	ea	1	1	1	3	4	8	24	40
S-1.1 to 1. 7.	--------	BC-669/140. 5	3Z9825-80. 2	--	--	*	*	--	SWITCH: rotary; 7 poles, 4 positions; 3 sections; overall 8 1/16" long x 1 3/8" deep; Erla #13848 (B_1, B_2, crystal and manual selector).	ea	1	1	1	3	5	9	25	45
S-4	14	BC-669/140	3Z9859-23	*	*	*	*	--	SWITCH: toggle; SPDT; A. H. & H. #20993-BC (speaker on-off).	ea	1	1	1	3	5	9	25	45
S-2. 1, 2. 2	--------	BC-669/137	3Z9858-8. 5	*	*	*	--	--	SWITCH: toggle; DPST; A. H. & H. #8686 (static filter switch).	ea	1	1	1	3	5	9	25	45
S-15	--------	BC-669/140. 7	3Z9849. 141	--	--	--	*	--	SWITCH: toggle; SPST; self luminous tip; C-H #8803K4 (plate supply switch).	ea	1	1	1	3	5	9	25	45
----------	--------	----------	(Order through AGO channels)	--	--	--	--	--	TECHNICAL MANUAL TM 11-625	ea	2	----	----	----	----	----	----	----
T-9	14	BC-669/141	2Z9632. 9	*	*	*	--	--	TRANSFORMER: AF; receiver output; Stancor #10A4.	ea	1	1	1	1	----	3	8	12
T-10	14	BC-669/143	2Z9631. 80	*	*	*	*	--	TRANSFORMER: AF; input; Stancor #1DA7.	ea	1	1	1	1	----	3	8	12
T-11	14	BC-669/144	2Z9636. 14	*	*	*	*	--	TRANSFORMER: AF; interstage; Stancor #4A42.	ea	1	1	1	1	----	3	8	12
T-12	14	BC-669/142	2Z9634. 14	*	*	*	*	--	TRANSFORMER: AF; modulation; Stancor #10A5.	ea	1	1	1	1	----	3	8	12
T-9	--------	BC-669/141. 5	2Z9632. 321	--	--	--	*	--	TRANSFORMER: AF; output; pri. for single 6K6 tube; secd. 4,000 ohms, tapped at 250 ohms and 6 ohms; Erla #15923.	ea	1	1	1	1	----	3	9	14
T-5	14	BC-669/145	2Z9641. 11	*	*	*	*	--	TRANSFORMER: IF; 385 kc; first IF; shielded; Hallicrafters #50B107	ea	1	1	1	1	----	3	8	12
T-6	14	BC-669/146	2Z9641. 13	*	*	*	*	--	TRANSFORMER: IF; 385 kc; second IF; shielded; Hallicrafters #50B106.	ea	1	1	1	1	----	3	8	12
----------	--------	BC-669/147	2J6H6	*	*	*	--	--	TUBE JAN 6H6 (VT-90)	ea	1	1	1	3	8	30	180	360
----------	--------	BC-669/148	2J6J5	*	*	*	--	--	TUBE JAN 6J5 (VT-94)	ea	1	1	1	3	8	30	180	360
----------	--------	BC-669/149	2J6SK7	*	*	*	--	--	TUBE JAN 6SK7 (VT-117)	ea	3	1	3	9	23	90	540	1,080
----------	--------	BC-669/150	2J6SA7	*	*	*	--	--	TUBE JAN 6SA7 (VT-150)	ea	1	1	1	3	8	30	180	360
----------	--------	BC-669/151	2J6K6GT/G	*	*	*	*	--	TUBE JAN 6K6GT/G (VT-152)	ea	1	1	1	3	8	30	180	360