

RESCINDED
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Superseded file
*SIG 7 & 8 AM-103/U
TO 16-35AM103-5

DEPARTMENT OF THE ARMY SUPPLY MANUAL
DEPARTMENT OF THE AIR FORCE TECHNICAL ORDER

*Organizational Maintenance Allowances
and Field and Depot Maintenance Stockage Guide
(Including Fixed Plant Maintenance List)*

for

AMPLIFIER AM-103A/U; AM-103B/U

Departments of the Army and the Air Force, Washington 25, D. C.

26 May 1954

1. A copy of SIG 1 and SR 310-20-21 should be available to every user of any part of the Signal portion of the Army supply manual.

a. SIG 1 explains the purpose and use of the Signal portion of the Army supply manual.

b. SR 310-20-21 contains alphabetical and numerical indexes of available manuals in the Signal portion of the Army supply manual.

2. Items marked X under expendability note are expendable within the meaning of AR 35-6620; nonexpendable items are marked NX.

3. A dagger (†) in the designation by model column indicates the models in which the part is used and further, by its position, designates the reference symbol in which the item is identified and/or the quantity used in each model where the quantity varies.

4. Those spare parts items not authorized for stockage by using organizations, but which may be obtained through normal requisitioning procedures for immediate use only, where a repair operation involving the part is considered practicable, are indicated by a percent symbol (%) in the appropriate column.

5. The consumption rates given in this manual for tubes are conservative theoretical estimates, and are provided for use only where no better information, such as data based on operating

experience, is available. These figures are based on levels and requirements for equipment actually in use, not on authorizations or equipment stored in depots.

6. The Federal stock number column lists the 11-digit Federal stock number (or 7-digit Federal item identification number) which has been assigned by the Cataloging Division, OASD (S & L). These numbers are for information only and will not be used in connection with supply operations until such time as implementation of the Federal Cataloging Program is accomplished.

7. SIG 7 & 8 AM-103/U comprises three parts as follows:

a. *Stock Number List.* A list of all stock numbers in the maintenance items portion arranged in stock number sequence and cross-referenced to page numbers to facilitate compliance with SR 725-405-5.

b. *Maintenance Items.* A list of parts for repair and supply facilities.

c. *Basic Issue Items.* A list of component parts showing the quantities of each that comprise a complete operating equipment, including running spares; that is, those spare parts shipped concurrently with the equipment, and accessories.

*This manual supersedes SIG 7 & 8 AM-103/U/TO 16-35AM 103-5, 15 January 1954.

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STOCK NUMBER LIST

FOR

AMPLIFIER AM-103A, B/U

Stock No.	Page No.	Stock No.	Page No.
1B816.4	1	3K2020122	1
2C449-103A	1	3K2051122	1
2J5Y3GT	2	3K3020222	1
2J6H6	3	3K4082221	1
2J6H6GT	3	3RA7522	6
2J6L6	3	3RC20BF102K	4
2J6SJ7	3	3RC20BF104K	5
2J6SK7W	3	3RC20BF105K	6
2J6SN7WGT	3	3RC20BF204J	5
2J6V6Y	3	3RC20BF224K	5
ZZ5534	3	3RC20BF225K	6
ZZ5822-7	3	3RC20BF244J	5
ZZ5822-627	3	3RC20BF513J	5
ZZ5952	3	3RC30BF102K	4
ZZ5991-257	3	3RC30BF104K	5
ZZ6820.681	3	3RC30BF124K	5
ZZK7283-70M	6	3RC30BF184K	5
ZZ8670.33	6	3RC30BF303J	5
ZZ8762.2	6	3RC30BF474K	5
ZZ9402.92	6	3RC30BF512J	5
ZZ9403.52	7	3RC30BF681K	4
ZZ9403.112	7	3RC42BF103K	5
ZZ9407-64	7	3RC42BF104K	5
ZZ9464.2	7	3RC42BF223K	5
ZZ9466.1	7	3RC42BF471K	4
ZZ9600.179	7	3RC42BF473K	5
ZZ9621-426	8	3RP8706	6
ZZ9621-427	8	3RV51043	6
ZZ9621B-113	7	3RV55064	6
ZZ9631.447	7	3RW22509	4
ZZ9631.509	7	3RW26135	4
ZZ9632.690	7	3Z770-5.45	7
ZZ9632.810	7	3Z770-8.155	7
3C557Z26-3	4	3Z930-2.3	1
3C557Z26-4	4	3Z2602.26	3
3C574D-14	3	3Z2603.2	3
3C575X-19	4	3Z3275-1	3
3C575X-20	4	3Z3282-42.9	3
3C575X-21	4	3Z5450.4	4
3DA20-208	1	3Z5450.14	4
3DA50-224	1	3Z6200-227	4
3DA50-248	1	3ZK6300-53	4
3DA100-596	2	3Z6610-322	5
3DA100-730	1	3Z6615-23	5
3DA100-777	2	3Z6615-64	5
3DA100-1116	1	3Z6620-218	5
3DA250-362	2	3Z7420-122	6
3DA500-522	2	3Z9825-55.1	6
3DB1-139	2	3Z9825-55.134	6
3DB4-285	2	3Z9825-58.10	6
3DB4-288	2	3Z9849.191	6
3DB8-231	2	3Z9863-22N	6
3DB10-199	2	3Z9863-23K	6
3DB20-83	2	3Z9863-23N	6
3DB25-82	2	4A1213	1
3F907-1	1	6Z3150-4	2
3F910-68	1	6Z7565.3	2
3G320-431	3	6Z8364	2

MAINTENANCE ITEMS

SIGNAL CORPS STOCK NUMBER	FEDERAL STOCK NUMBER	REFERENCE SYMBOL	DESIGNATION BY MODEL					DESCRIPTION	QUANTITY PER EQUIP	RUNNING SPARES	MAINTENANCE										EXPENDABILITY NOTE	
			1	2							AUTHORIZED ALLOWANCES		STOCK GUIDE					STOCK GUIDE				
											ORGANIZATIONAL		FIELD		DEPOT		DEPOT					
											TACTICAL ORGANIZATION	FIXED STATION	REPAIR SHOPS		REPAIR SHOPS		ARMY TAC	BASE				
2ND ECHELON	2ND ECHELON	3RD ECHELON	4TH	5TH	50	100	50	100														
EQUIP	EQUIP	EQUIP	EQUIP	EQUIP	EQUIP	EQUIP	EQUIP	EQUIP	EQUIP	EQUIP	EQUIP											
							NOTE: Model Column 1 refers to AM-103A/U, Column 2 refers to AM-103B/U.															
2C449-103A							AMPLIFIER AM-103A/U: 100 w power output; oper power requirements 115/230 v, 50/60 cyc, single ph; 400 to 10,000 cyc normal oper range; 600 ohm input impedance, 100-10,000 ohm output impedance; 19" lg x 13" wd x 7" h o/a;															XX
4A1213	252-2580						AMPLIFIER AM-103B: 110 v input, 60 cyc, single ph; 500 to 5000 cps freq response; 100 to 25,000 ohm output impedance; 19" lg x 9-3/4" wd x 6-31/32" d; ea															XX
Order thru AGO			+	+			TECHNICAL MANUAL TM 11-377A; ea	2	-													X
3F907-1	6625-254-9285	M1	+				AMMETER: DC; 75-0-75 ma, graduated in increments of 5 ma; flange 3" wd x 3.120" h, body 2-3/4" dia x 1.03" d; Weston Model #301; ea	1	-			%	%	1	1	1	1	1	1	1	6	XX
3F910-68		M1	+				AMMETER: DC; 100-0-100 ma; flange 2.695" dia x 0.38" thk; body 2.210" dia x 1.800" d; MIL type MR26WIHDCMA; ea	1	-			%	%	1	1	1	1	1	1	1	6	XX
1B816.4		W2	+				CABLE, POWER ELECTRICAL: 2 stranded copper #16 AWG cond; 65 strands #34 AWG; 0.330" dia o/a; UL type #SJ; ft	6	-			%	%	6	6	6	12	6	48		X	
3Z930-2.3	5975-244-5150		+	+			CAP, ELECTRICAL: f/fuseholder; plastic; body 5/8" lg x 11/16" dia; Buss part #9435-1/2; ea	1	-			1	1	1	1	1	2	1	8		X	
3K2020122	5910-101-5573	C24 C25	+				CAPACITOR, FIXED, MICA DIELECTRIC: 200 mmf ±5%; 500 vdcw; JAN type CM20B201J; ea	2	-			1	1	1	1	1	2	1	10		X	
3K2051122	5910-101-4884	C9	+				CAPACITOR, FIXED, MICA DIELECTRIC: 510 mmf ±5%; 500 vdcw; JAN type CM20B511J; ea	1	-			1	1	1	1	1	1	1	6		X	
3K3020222	5910-100-8045	C10	+				CAPACITOR, FIXED, MICA DIELECTRIC: 2000 mmf ±5%; 500 vdcw; JAN type CM30B202J; ea	1	-			1	1	1	1	1	1	1	6		X	
3K4082221	5910-101-4540	C11	+				CAPACITOR, FIXED, MICA DIELECTRIC: 8200 mmf ±10%; 500 vdcw; JAN type CM40B822K; ea	1	-			1	1	1	1	1	1	1	6		X	
3DA20-208	5910-112-7536	C3 C6	+				CAPACITOR, FIXED, PAPER DIELECTRIC: 20,000 mmf ±10%; 600 vdcw; JAN type CP28A1EF203K; ea	2	-			1	1	1	1	2	3	2	14		X	
3DA50-224	5910-112-7619	C12	+				CAPACITOR, FIXED, PAPER DIELECTRIC: 50,000 mmf ±10%; 600 vdcw; JAN type CP26A1EF503K; ea	1	-			1	1	1	1	1	2	1	8		X	
3DA50-248	5910-112-7486	C2 C5	+				CAPACITOR, FIXED, PAPER DIELECTRIC: 50,000 mmf ±10%; 600 vdcw; JAN type CP28A1EF503K; ea	2	-			1	1	1	1	2	3	2	14		X	
3DA100-1116		C2 thru C5 C22	+				CAPACITOR, FIXED, PAPER DIELECTRIC: 100,000 mmf ±20% -10%; 400 vdcw; 1/2" dia x 1-1/2" lg; Sangamo part #300401; ea	5	-			1	1	1	1	3	5	3	27		X	
3DA100-730	5910-112-7625	C13	+				CAPACITOR, FIXED, PAPER DIELECTRIC: 100,000 mmf ±10%; 600 vdcw; JAN type CP26A1EF104K; ea	1	-			1	1	1	1	1	2	1	8		X	

SIGNAL CORPS STOCK NUMBER	FEDERAL STOCK NUMBER	REFERENCE SYMBOL	DESIGNATION By MODEL				DESCRIPTION	QUANTITY PER EQUIP	RUNNING SPARES	MAINTENANCE										EXPENDIBILITY NOTE			
			AUTHORIZED ALLOWANCES							STOCK GUIDE					STOCK GUIDE								
			ORGANIZATIONAL							FIELD					DEPOT	DEPOT							
			TACTICAL ORGANIZATION		FIXED STATION					REPAIR SHOPS			REPAIR SHOP	ARMY TAC	BASE								
2ND ECHELON		2ND ECHELON			3RD ECHELON			4TH	5TH	50	100	50	100										
EQUIP	EQUIP	1-4	5-20	1-4	5-20	50	100	50	100	EQUIP	EQUIP	EQUIP	EQUIP										
						AMPLIFIER AM-103A,B/U (continued)																	
3DA100-596	5910-112-7483	C1 C4	+			CAPACITOR, FIXED, PAPER DIELECTRIC: 100,000 mmf ±10%; 600 vdcw; JAN type CP28A1EF104K; ea	2	-				1	1	1	1	2	3	2	14				X
3DA100-777	5910-126-9169	C28 C29	+			CAPACITOR, FIXED, PAPER DIELECTRIC: 100,000 mmf +20% -10%; 600 vdcw; JAN type CP54B4EF104V; ea	1	-				1	1	1	1	2	1	9					X
3DA250-362	5910-112-7161	C12	+			CAPACITOR, FIXED, PAPER DIELECTRIC: 250,000 mmf ±10%; 600 vdcw; JAN type CP53B1EF254K; ea	1	-				1	1	1	1	2	1	8					X
3DA500-522	5910-112-7408	C8	+			CAPACITOR, FIXED, PAPER DIELECTRIC: 500,000 mmf ±10%; 600 vdcw; JAN type CP53B1EF504K; ea	1	-				1	1	1	1	2	1	8					X
3DB1-139	5910-129-6260	C7	+			CAPACITOR, FIXED, PAPER DIELECTRIC: 1 mf ±10%; 600 vdcw; JAN type CP53B1EF105K; ea	1	-				1	1	1	1	2	1	8					X
3DB4-288	5910-120-1664	C14 C15 C19 C20 C21	+			CAPACITOR, FIXED, PAPER DIELECTRIC: 4 mf +20% -10%; 600 vdcw; JAN type CP41B1EF405V; ea	5	-				1	1	1	3	5	3	27					X
3DB4-285	5910-120-1663	C16 C17 C18	+			CAPACITOR, FIXED, PAPER DIELECTRIC: 4 mf +20% -10%; 600 vdcw; JAN type CP41B1FF405V; ea	3	-				1	1	1	2	4	2	19					X
3DB8-231		C23	+			CAPACITOR, FIXED, ELECTROLYTIC: 8 mf; 450 vdcw; 15/16" dia x 1-3/4" lg; Aerovox part #PRS-SP450V; ea	1	-				1	1	1	2	4	2	20					X
3DB10-199	5910-128-8778	C11	+			CAPACITOR, FIXED, ELECTROLYTIC: 3 sect; 10 mf ea sect; 450 vdcw; 1" dia x 3" lg; Dublier part #UP-11145; ea	1	-				1	1	1	2	4	2	20					X
3DB20-83	5910-162-1209	C9 C10	+			CAPACITOR, FIXED, ELECTROLYTIC: 2 sect; 20 mf ea sect; 450 vdcw; 3" lg x 1" dia; Dublier part #UP-2245; ea	2	-				1	1	1	4	7	4	34					X
3DB25-82	5910-112-7871	C6	+			CAPACITOR, FIXED, ELECTROLYTIC: 25 mf; 50 vdcw; JAN type CE64C250G; ea	1	-				1	1	1	2	4	2	20					X
6Z3150-4		P1	+			CONNECTOR, PLUG: 2 female parallel cont; straight; 1-3/8" dia x 1-21/32" lg o/a; Hubbell part #7257; ea	1	-			%	%	1	1	1	1	1	6					X
6Z7565.3	5935-149-4015	P2	+			CONNECTOR, PLUG: 2 male parallel blades; straight; 1-1/2" lg x 1-5/16" dia less term; Hubbell part #9940; ea	1	-			%	%	1	1	1	1	1	6					X
6Z8364	5935-149-3087	J2	+			CONNECTOR, RECEPTACLE: 2 male flat parallel blade cont; straight; 1.375" dia x 1.187" d from flange; Hubbell part #6808; ea	1	-			%	%	1	1	1	1	1	6					X
2J5Y3GT	5960-193-5113	V7 thru V10 V7 V8 V9	+			ELECTRON TUBE: JAN type 5Y3GT; ea	4	2			%	%	1	2	12	24	24	240					X
			+				3	2			%	%	1	2	9	18	18	180					X

SIGNAL CORPS STOCK NUMBER	FEDERAL STOCK NUMBER	REFERENCE SYMBOL	DESIGNATION BY MODEL				DESCRIPTION	QUANTITY PER EQUIP	RUNNING SPARES	MAINTENANCE										EXPENDABILITY NOTE	
			AUTHORIZED ALLOWANCES							STOCK GUIDE					STOCK GUIDE						
			ORGANIZATIONAL							FIELD					DEPOT	DEPOT					
			TACTICAL ORGANIZATION		FIXED STATION					REPAIR SHOPS			REPAIR SHOP	ARMY TAC	BASE						
2ND ECHELON		2ND ECHELON			3RD ECHELON			4TH	5TH	50	100	50	100								
EQUIP	EQUIP	1-4	5-20	1-4	5-20	50	100	50	100	EQUIP	EQUIP	EQUIP	EQUIP								
						AMPLIFIER AM-103A,B/U (continued)															
2J6H6	5960-188-8499	V2	+			ELECTRON TUBE: JAN type 6H6; ea	1	1			%	%	1	1	3	6	6	60	X		
2J6H6GT	5960-188-8536	V3 V12	+			ELECTRON TUBE: JAN type 6H6GT; ea	2	1			%	%	1	1	6	12	12	120	X		
2J6L6	5960-228-0053	V5 V6	+			ELECTRON TUBE: JAN type 6L6; ea	2	1			%	%	1	2	8	16	16	160	X		
2J6SJ7	100-5266	V1	+			ELECTRON TUBE: JAN type 6SJ7; ea	1	1			%	%	1	1	4	8	8	80	X		
2J6SK7W		V1	+			ELECTRON TUBE: JAN type 6SK7W; ea	1	1			%	%	1	1	3	5	5	48	X		
2J6SN7WGT	5960-188-3577	V2	+			ELECTRON TUBE: JAN type 6SN7WGT; ea	1	1			%	%	1	1	6	12	12	120	X		
		V3 V4		+			2	1			%	%	1	2	12	24	24	240	X		
2J6V6Y	5960-114-3809	V5 V6	+			ELECTRON TUBE: JAN type 6V6Y; ea	2	1			%	%	1	1	6	12	12	120	X		
3Z2602.26		F1	+			FUSE, CARTRIDGE: 2 amp, 250 v; 1-1/4" lg x 1/4" dia; Spec MIL-F-15160, type F02G2R00A; ea	1	5					1	4	1	2	14	26	14	130	X
3Z2603.2	5920-189-0846	F1	+			FUSE, CARTRIDGE: 3 amp, 250 v; 1-1/4" lg x 1/4" dia o/a; Littelfuse type 312003; ea	1	6					1	4	1	2	14	26	14	130	X
3Z3275-1		XF1	+			FUSEHOLDER: extractor post type; for 1 cartridge type fuse 1-1/4" lg x 1/4" dia; Littelfuse part #342001; ea	1	-			%	%	1	1	1	2	1	8	1	8	X
3Z3282-42.9		E1	+			FUSEHOLDER: extractor post type; for 1 cartridge fuse, 1-1/4" lg x 1/4" dia; 2-9/64" lg x 11/16" dia o/a; Buss type HKP-Q-LR; ea	1	-			%	%	1	1	1	1	1	1	1	6	X
3G320-431		E2	+			INSULATOR, PLATE: oval shape; bakelite unfinished; 1-7/8" lg x 1-11/32" wd x 1/16" thk o/a; Dubilier part #19884; ea	3	-			%	%	1	1	2	4	2	19	2	19	X
2Z5534	5935-192-4874	J1	+	+		JACK JJ-034: for 2 cond plug, w/shank 0.250" dia x 1.213" lg; ea	1	-			%	%	1	1	1	1	1	1	1	6	X
2Z5822-7	5980-160-6096	H3	+			KNOB: bar; black bakelite; for 1/4" dia shaft; white filled indicator line marking; 1-1/4" lg x 3/4" wd x 5/8" thk o/a; Kurz-Kasch part #S-292-1L; ea	6	-			%	%	1	1	3	5	3	23	3	23	X
2Z5822-627		E12 thru E15	+			KNOB: rd; black bakelite; for 1/4" dia shaft; 1-1/8" dia x 11/16" thk; ICA part #1166; ea	4	-			%	%	1	1	2	3	2	17	2	17	X
2Z5952	666-2377	I1	+			LAMP LM-52: 6-8 v; miniature bayonet base; 1-1/8" lg x 13/32" dia o/a; ea	1	2					1	1	1	1	2	3	2	17	X
2Z5991-257		X11	+			LIGHT, PANEL: for T-3-1/4 bulb; 1-25/32" lg x 1-1/8" wd x 1-1/8" h o/a; Dialco part #67B161; ea	1	-			%	%	1	1	1	1	1	1	1	4	X
2Z6820.681		A4	+			MOUNTING: capacitor support; "L" shape; 1-1/8" lg x 1/2" wd x 3/8" d; Boehme dwg #4-C-26; ea	2	-			%	%	1	1	1	1	1	1	1	6	X
3C574D-14		L3	+			REACTOR: audio; 12.5 hy, 2.5 ma; 500 ma; 500 ohm DC resistance; aluminum case; 1-11/64" lg less term x 7/8" dia; UTC part #44636; ea	1	-			%	%	1	1	1	1	1	1	1	6	X

SIGNAL CORPS STOCK NUMBER	FEDERAL STOCK NUMBER	REFERENCE SYMBOL	DESIGNATION BY MDEL				DESCRIPTION	QUANTITY PER EQUIP	RUNNING SPARES	MAINTENANCE								SUPPLY		EXPENDIBILITY NOTE		
			1	2						AUTHORIZED ALLOWANCES				STOCK GUIDE				STOCK GUIDE				
										ORGANIZATIONAL				FIELD				DEPOT			DEPOT	
										TACTICAL ORGANIZATION		FIXED STATION		REPAIR SHOPS		REPAIR SHOP		ARMY TAC			BASE	
										2ND ECHOLON	2ND ECHOLON	3RD ECHOLON	4TH	5TH	1-4 EQUIP	5-20 EQUIP	1-4 EQUIP	5-20 EQUIP	50 EQUIP		100 EQUIP	50 EQUIP
AMPLIFIER AM-103A,B/U (continued)																						
3C575X-21	5950-248-6486	L2 L3	+					2	-			%	%	1	1	1	1	1	1	6	X	
3C557Z26-4		L2 L4	+					2	-			%	%	1	1	1	1	1	1	6	X	
3C557Z26-3		L1	+					1	-			%	%	1	1	1	1	1	1	4	X	
3C575X-19	5950-268-3292	L1	+					1	-			%	%	1	1	1	1	1	1	4	X	
3C575X-20	5950-260-0389	L4	+					1	-			%	%	1	1	1	1	1	1	4	X	
3RC42BF471K	5905-175-8628	R1	+					1	-			1	1	1	1	1	2	1	8	X		
3RW22509	5905-186-2355	R6 R9	+					2	-			1	1	1	1	2	3	2	14	X		
3RC30BF681K	5905-116-9839	R13	+					1	-			1	1	1	1	2	1	8	X			
3RC20BF102K	5905-232-1396	R4	+					1	-			1	1	1	1	2	1	8	X			
3RC30BF102K	5905-109-0554	R4	+					1	-			1	1	1	1	2	1	8	X			
3RW26135	5905-192-4026	R26	+					1	-			1	1	1	1	2	1	8	X			
3Z6200-227	5905-157-5645	R28 R29	+					2	-			1	1	1	1	2	1	10	X			
3ZK6300-53	5905-247-7945	R27	+					1	-			1	1	1	1	2	1	9	X			
3Z5450.14	5905-196-2787	R26 R32	+					2	-			1	1	1	1	2	1	10	X			
3Z5450.4	5905-100-7183	R25	+					1	-			1	1	1	1	2	1	8	X			

SIGNAL CORPS STOCK NUMBER	FEDERAL STOCK NUMBER	REFERENCE SYMBOL	DESIGNATION BY MODEL				DESCRIPTION	QUANTITY PER EQUIP	1ST ECHELON	RUNNING SPARES	MAINTENANCE								SUPPLY		EXPENDABILITY NOTE		
			1	2							AUTHORIZED ALLOWANCES				STOCK GUIDE				STOCK GUIDE				
					ORGANIZATIONAL						FIELD		ORGANIZATIONAL		FIELD		DEPOT		DEPOT				
					TACTICAL ORGANIZATION	FIXED STATION					REPAIR SHOPS	REPAIR SHOP	ARMY TAC	BASE									
2ND ECHELON		2ND ECHELON		3RD ECHELON		4TH		5TH															
EQUIP	EQUIP	1-4	5-20	1-4	5-20	50	100	50	100														
						AMPLIFIER AM-103A,B/U (continued)																	
3RC30BF512J	5905-120-0079	R37	+			RESISTOR, FIXED, COMPOSITION: 5100 ohm ±5%; 1 w; JAN type RC30BF512J; ea	1	-			1	1	1	1	1	2	1	8	X				
3RC42BF103K	5905-185-8522	R20	+			RESISTOR, FIXED, COMPOSITION: 10,000 ohm ±10%; 2 w; JAN type RC42BF103K; ea	1	-			1	1	1	1	1	2	1	8	X				
3Z6610-322		R36	+			RESISTOR, FIXED, WIRE WOUND: 10,000 ohm ±5%; 10 w; 1-3/4" lg x 5/16" dia; WL type 10F; ea	1	-			1	1	1	1	1	1	1	6	X				
3Z6615-23	5905-195-1995	R28	+			RESISTOR, FIXED, WIRE WOUND: 15,000 ohm ±5%; 10 w; IRC type AB-2; ea	1	-			1	1	1	1	1	2	1	8	X				
3Z6615-64	5905-101-7919	R10 R24 R29	+			RESISTOR, FIXED, WIRE WOUND: 15,000 ohm ±10%; 20 w; Ohmite Brown Devil; ea	3	-			1	1	1	1	2	4	2	19	X				
3Z6620-218		R30 R31	+			RESISTOR, FIXED, WIRE WOUND: 20,000 ohm ±10%; 10 w; WL type 10F20000; ea	2	-			1	1	1	1	1	2	1	10	X				
3RC42BF223K		R8	+			RESISTOR, FIXED, COMPOSITION: 22,000 ohm ±10%; 2 w; JAN type RC42BF223K; ea	1	-			1	1	1	1	1	2	1	8	X				
3RC30BF303J		R6	+			RESISTOR, FIXED, COMPOSITION: 30,000 ohm ±5%; 1 w; JAN type RC30BF303J; ea	1	-			1	1	1	1	1	2	1	8	X				
3RC42BF473K		R5 R11 R15 R16	+			RESISTOR, FIXED, COMPOSITION: 47,000 ohm ±10%; 1 w; JAN type RC42BF473K; ea	4	-			1	1	1	1	3	5	3	23	X				
3RC20BF513J	5905-107-6155	R9 R10	+			RESISTOR, FIXED, COMPOSITION: 51,000 ohm ±5%; 1/2 w; JAN type RC20BF513J; ea	2	-			1	1	1	1	2	3	2	14	X				
3RC20BF104K	5905-120-0894	R13 R17 R22 R23	+			RESISTOR, FIXED, COMPOSITION: 100,000 ohm ±10%; 1/2 w; JAN type RC20BF104K; ea	4	-			1	1	1	1	3	5	3	23	X				
3RC30BF104K		R12 R18 R19	+			RESISTOR, FIXED, COMPOSITION: 100,000 ohm ±10%; 1 w; JAN type RC30BF104K; ea	3	-			1	1	1	1	2	4	2	19	X				
3RC42BF104K		R5 R11 R12 R24 R25	+			RESISTOR, FIXED, COMPOSITION: 100,000 ohm ±10%; 2 w; JAN type RC42BF104K; ea	5	-			1	1	1	1	3	5	3	27	X				
3RC30BF124K	5905-109-0536	R14 R20 R21	+			RESISTOR, FIXED, COMPOSITION: 120,000 ohm ±10%; 1 w; JAN type RC30BF124K; ea	3	-			1	1	1	1	2	4	2	19	X				
3RC30BF184K	5905-107-6523	R2	+			RESISTOR, FIXED, COMPOSITION: 180,000 ohm ±10%; 1 w; JAN type RC30BF184K; ea	1	-			1	1	1	1	1	2	1	8	X				
3RC20BF204J	5905-116-9402	R8 R15 R16	+			RESISTOR, FIXED, COMPOSITION: 200,000 ohm ±5%; 1/2 w; JAN type RC20BF204J; ea	3	-			1	1	1	1	2	4	2	19	X				
3RC20BF224K	5905-109-0564	R2	+			RESISTOR, FIXED, COMPOSITION: 220,000 ohm ±10%; 1/2 w; JAN type RC20BF224K; ea	1	-			1	1	1	1	1	2	1	8	X				
3RC20BF244J	5905-114-2086	R22 R23	+			RESISTOR, FIXED, COMPOSITION: 240,000 ohm ±5%; 1/2 w; JAN type RC20BF244J; ea	2	-			1	1	1	1	2	3	2	14	X				
3RC30BF474K	5905-114-2131	R3	+			RESISTOR, FIXED, COMPOSITION: 470,000 ohm ±10%; 1 w; JAN type RC30BF474K; ea	1	-			1	1	1	1	1	2	1	8	X				

SIGNAL CORPS STOCK NUMBER	FEDERAL STOCK NUMBER	REFERENCE SYMBOL	DESIGNATION BY MODEL				DESCRIPTION	QUANTITY PER EQUIP	RUNNING SPARES	MAINTENANCE										EXPENDABILITY NOTE				
			1	2						AUTHORIZED ALLOWANCES				STOCK GUIDE				STOCK GUIDE						
										ORGANIZATIONAL		FIXED STATION		FIELD		DEPOT	DEPOT	ARMY TAC	BASE					
										TACTICAL ORGANIZATION	2ND ECHELON	2ND ECHELON	3RD ECHELON	4TH	5TH	REPAIR SHOPS	REPAIR SHOP							
EQUIP	EQUIP	1-4	5-20	1-4	5-20	50	100	50	100															

SIGNAL CORPS STOCK NUMBER	FEDERAL STOCK NUMBER	REFERENCE SYMBOL	DESIGNATION BY MODEL					DESCRIPTION	QUANTITY PER EQUIP	RUNNING SPARES	MAINTENANCE										EXPENDIBILITY NOTE	
											AUTHORIZED ALLOWANCES				STOCK GUIDE				STOCK GUIDE			
											ORGANIZATIONAL		FIELD		DEPOT		DEPOT					
			TACTICAL ORGANIZATION		FIXED STATION		REPAIR SHOPS				REPAIR SHOP		ARMY TAC		BASE							
2ND ECHELON		2ND ECHELON		3RD ECHELON		4TH		5TH														
EQUIP	EQUIP	1-4	5-20	1-4	5-20	50	100	50	100													
										AMPLIFIER AM-103A,B/U (continued)												
2Z9403.52	5940-171-0410	E5 E6	+					2	-				%	%	1	1	1	1	1	1	6	X
2Z9403.112		E1 E3	+					2	-				%	%	1	1	1	1	1	1	6	X
2Z9464.2	5940-155-7152	E7	+					1	-				%	%	1	1	1	1	1	1	4	X
3Z770-5.45		E8 E9	+					2	-				%	%	1	1	1	1	1	1	6	X
2Z9466.1	5940-155-8591	E10	+					1	-				%	%	1	1	1	1	1	1	4	X
2Z9407-64	5940-192-6653	E11	+					1	-				%	%	1	1	1	1	1	1	4	X
3Z770-8.155		E4	+					1	-				%	%	1	1	1	1	1	1	4	X
2Z9631.447		T3	+					1	-				%	%	1	1	1	1	1	1	6	X
2Z9631.509		T3	+					1	-				%	%	1	1	1	1	1	1	6	X
2Z9632.810		T4	+					1	-				%	%	1	1	1	1	1	1	6	X
2Z9632.690	5950-254-3996	T4 T5	+					2	-				%	%	1	1	1	2	1	10	X	
2Z9621B-113		T2	+					1	-				%	%	1	1	1	1	1	1	6	X
2Z9600.179		T1	+					1	-				%	%	1	1	1	1	1	1	6	X

SIGNAL CORPS STOCK NUMBER	FEDERAL STOCK NUMBER	REFERENCE SYMBOL	DESIGNATION BY MODEL				DESCRIPTION	QUANTITY PER EQUIP	RUNNING SPARES	MAINTENANCE										EXPENDABILITY NOTE				
										AUTHORIZED ALLOWANCES		STOCK GUIDE				STOCK GUIDE								
										ORGANIZATIONAL		FIELD		DEPOT		DEPOT								
			TACTICAL ORGANIZATION		FIXED STATION					REPAIR SHOPS		REPAIR SHOP		ARMY TAC		BASE								
2ND ECHELON		2ND ECHELON		3RD ECHELON		4TH		5TH																
EQUIP	EQUIP	1-4 EQUIP	5-20 EQUIP	1-4 EQUIP	5-20 EQUIP	50 EQUIP	100 EQUIP	50 EQUIP	100 EQUIP															
						AMPLIFIER AM-103A,B/U (continued)																		
229621-427		T1	+			TRANSFORMER, POWER, STEP-DOWN AND STEP-UP: input 110/220 v AC, 50/60 cyc, single ph; 3 secd wnd, #1 secd 590 v CT, 50 ma, #2 secd 5 v at 2 amp, #3 secd 6.3 v, CT at 2 amp; encl steel case; 3-1/16" lg x 2-15/16" wd x 3-3/4" h; Freed Trans part #14798; ea	1	-			%	%	1	1	1	1	1	1	1	1	6	X		
229621-426		T2	+			TRANSFORMER, POWER, STEP-DOWN AND STEP-UP: pri 115/230 v 50/60 cyc, single ph; 6 secd wnd, 550 v CT 50 ma/700 v CT 90 ma/5 v 3 amp/5 v 2 amp/6.3 v CT 4 amp/ 6.3 v CT 4 amp; 5" lg x 4-1/8" wd x 4-1/2" h; Freed Trans part #15412; ea	1	-			%	%	1	1	1	1	1	1	1	1	6	X		

BASIC ISSUE ITEMS

SIGNAL CORPS STOCK NUMBER	FEDERAL COMMODITY CLASSIFICATION AND IDENTIFICATION NUMBER	DESIGNATION BY MODEL				DESCRIPTION	SUB- ASSEM- BLY	QUANTITIES REQUIRED			
		1	2					FOR INITIAL OPERATION	RUNNING SPARES AND ACCESS- ORIES	TOTAL	
						NOTE: Model Column 1 refers to AM-103A/U, Column 2 refers to AM-103B/U.					
2C449-103A						AMPLIFIER AM-103A/U: 100 w power output; oper power requirements 115/230 v, 50/60 cyc, single ph; 400 to 10,000 cyc normal oper range; 600 ohm input impedance, 100-10,000 ohm output impedance; 19" lg x 13" wd x 7" h o/a;					
4A1213	252-2580					AMPLIFIER AM-103B: 110 v input, 60 cyc, single ph; 500 to 5000 cps freq response; 100 to 25,000 ohm output impedance; 19" lg x 9-3/4" wd x 6-31/32" d; ea					
		+	+			TECHNICAL MANUAL TM 11-377A; ea			2	-	2
2C449-103AZ	5815-355-7708	+				BARE UNIT for Amplifier AM-103A/U; ea			1	-	1
2C449-103BZ			+			BARE UNIT for Amplifier AM-103B/U; ea			1	-	1
2J5Y3GT	5960-193-5113	+				ELECTRON TUBE: JAN type 5Y3GT; ea			4	2	6
			+						3	2	5
2J6H6	5960-188-8499	+	+			ELECTRON TUBE: JAN type 6H6; ea			1	1	2
2J6H6GT	5960-188-8536	+				ELECTRON TUBE: JAN type 6H6GT; ea			2	1	3
2J6L6	5960-228-0053	+				ELECTRON TUBE: JAN type 6L6; ea			2	1	3
2J6SJ7	100-5266		+			ELECTRON TUBE: JAN type 6SJ7; ea			1	1	2
2J6SK7W		+				ELECTRON TUBE: JAN type 6SK7W; ea			1	1	2
2J6SN7WGT	5960-188-3577	+				ELECTRON TUBE: JAN type 6SN7WGT; ea			1	1	2
			+						2	1	3
2J6V6Y	5960-114-3809	+				ELECTRON TUBE: JAN type 6V6Y; ea			2	1	3
2Z5952	666-2377	+				LAMP LM-52: 6-8 v; miniature bayonet base; 1-1/8" lg x 13/32" dia o/a; ea			1	2	3
3E7350.1-26.3	5995-268-3450	+				CABLE ASSEMBLY, POWER ELECTRICAL: SJ cable, 2 stranded #16 AWG cond; 6 ft lg o/a; Northern Rad Spec #232; ea			1	-	1
3Z930-2.3	5975-244-5150	+	+			CAP, ELECTRICAL: f/fuseholder; plastic; body 5/8" lg x 11/16" dia; Buss part #9435-1/2; ea			1	-	1
3Z2602.26		+				FUSE, CARTRIDGE: 2 amp, 250 v; 1-1/4" lg x 1/4" dia; Spec MIL-F-15160, type F02G2R00A; ea			1	5	6
3Z2603.2	5920-189-0346	+				FUSE, CARTRIDGE: 3 amp, 250 v; 1-1/4" lg x 1/4" dia o/a; Littelfuse type 312003; ea			1	6	7

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