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**ARMY SERVICE FORCES
CATALOG**

SIG 8-BC-745

Ref. TM 11-245

SIGNAL SUPPLY CATALOG

Higher Echelon Spare Parts for
Radio Transmitter and Receiver
BC-745-()

Supersedes GMA Lists Nos. 215, B215, C215, D215

See "SIG 8-1, Notes," for general description of ground non-radar equipment catalog sections in the SIG 8 series. These notes cover expendability, requisitioning instructions, and explanations of the use of these sections.

HEADQUARTERS, ARMY SERVICE FORCES,
WASHINGTON 25, D. C.

This Army Service Forces Signal Supply Catalog has been prepared under the supervision of the Chief Signal Officer and is published for the information and guidance of all concerned.

BY COMMAND OF LIEUTENANT GENERAL SOMERVELL:

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Headquarters, Army Service Forces

1 July 1944

(SPX 400.152 (9 May 44).)

Reference No.	Illustration Fig. No.	Equipment Item No.	Stock No.	Nomenclature	Unit of Measure	Quantity per assembly	Echelon stocks (operating levels)					Depot stocks (to maintain 100 equipment)			
							Equipment to be maintained					Period of time			
							3d	4th	5th	Army	Base				
							7-15	16-30	71-130	100	100	1 mo.	3 mo.	6 mo.	1 yr.
		BC745/1	2A292-3	Antenna assembly (complete) Galvin #1X35393.	ea	1	1	1	6	3	2	6	15	28	50
		BC745/2	3G1895-1	Antenna guide and insulator, styramic, with antenna ferrule and 2 wiper springs, Galvin #1X35238.	ea	1	4	6	20	10	5	20	56	110	200
		BC745/3	2Z8996-1	Antenna stop assembly	ea	1	1	1	2	1	1	2	4	6	10
		BC745/4	2A292-3/1	Cap, plug, rubber (antenna seal), Galvin Co. #37A34575.	ea	1	1	1	5	3	2	10	28	55	100
		BC745/5	3D9200-38	Capacitor, fixed, mica, 200-mmf, 400 wv, ±10% micamold #21B6629.	ea		1	2	3	2	2	4	9	17	30
		BC745/6	3D9100-58	Capacitor, fixed, mica, 100-mmf, 400 wv, ±10%, micamold #21B6631.	ea		1	2	3	2	2	3	6	11	20
		BC745/7	3D9003-12	Capacitor, fixed, mica, 3-mmf, 500 wv, ±20%, Stackpole #21A3841.	ea		1	2	3	2	2	3	6	11	20
		BC745/8	3D9040-12	Capacitor, fixed, ceramic, 40-mmf, ±5%, Centralab #21A34985.	ea		1	2	3	2	2	3	6	11	20
		BC745/9	3D9025-20	Capacitor, fixed, mica, 25-mmf, 300 wv, ±5%, Micamold Corp. #21B6618.	ea		1	2	3	2	2	3	6	11	20
		BC745/10	2C5395-745A/CA1.	Chassis, wired transmitter and receiver.	ea	1	1	2	6	4	2	4	12	22	40
		BC745/11	3C362-23	Choke (audio input) center tapped, in shielded can (V5 and V6 grid coupling) ChicagoTrans. Corp. #25B34443.	ea	1	1	1	3	2	2	3	8	15	25
		BC745/12	2C5395-745A/A3.	Clamp (strap holder and locking screw), adjustable strap clamps.	ea	1	2	2	6	3	2	6	15	28	50
		BC745/13	2Z9051	Clamp (retainer for strap), U-shaped, tapped 4-40 hole, 1/8" cold rolled steel.	ea	1	2	2	6	3	2	6	15	28	50
		BC745/14	6Z3764	Eyelet, for pack #1, 1 1/8" long, for mounting #1 pack to tube socket, United Shoe Machine Co.	ea	1	6	10	15	15	15	15	40	80	145

BC745/15	6Z3765	Eyelet, for pack #7, 1 $\frac{3}{4}$ " long, for mounting #7 pack to tube socket.	ea.	1	6	10	15	15	15	15	40	80	145
BC745/16	2Z4866. 2	Gasket (handle moisture seal), rubber, Galvin #32A34883.	ea.	1	1	1	4	2	2	4	9	17	30
BC745/17	2Z4866. 3	Gasket (housing inner seal), sponge rubber, 3 $\frac{3}{4}$ " diam. $\frac{1}{4}$ " thick, 1 $\frac{3}{4}$ " center hole.	ea.	1	1	2	3	2	1	3	8	15	25
BC745/18	2Z4866. 4	Gasket (lock compression), sponge rubber, Galvin #32A34567.	ea.	1	1	1	4	2	1	3	8	15	25
BC745/19	2Z4866. 5	Gasket (lock seal), sponge rubber, Galvin #32A34543.	ea.	1	1	1	4	2	1	3	8	15	25
BC745/20	2A292-3/2	Gasket (antenna seal), rubber, Galvin #32A34574.	ea.	1	4	6	10	5	2	10	28	55	100
BC745/21	2Z4866	Gasket (base moisture seal), sponge rubber, Galvin #32B34589.	ea.	1	1	1	4	3	2	3	8	15	25
BC745/22	2C4728A/G3.	Gasket (window and bezel seal), Galvin #32A34995.	ea.	1	1	1	4	3	2	3	8	15	25
BC745/23	2C8994-1	Guidon staff, stainless steel tube	ea.	1	1	2	5	3	2	10	28	55	100
BC745/24	2Z4928. 1	Handle (housing)	ea.	1	1	1	2	1	1	2	4	6	10
BC745/25	3Z8319/1	Insulator (switch protecting), celluloid, Galvin #14A34663.	ea.	1	1	1	4	2	1	2	4	6	10
BC745/26	2Z6192-1	Link and bushing assembly (switch action).	ea.	1	1	1	5	2	1	3	8	15	25
BC745/27	2C5395-745A/P1.	Pack #1, capacitor and resistor assembly.	ea.	1	1	1	2	1	1	2	4	6	10
BC745/28	2C5395-745A/P2.	Pack #2, capacitor and resistor assembly.	ea.	1	1	1	2	1	1	2	4	6	10
BC745/29	2C5395-745A/P4.	Pack #4, capacitor and resistor assembly.	ea.	1	1	1	2	1	1	2	4	6	10
BC745/30	2C5395-745A/P5.	Pack #5, capacitor and resistor assembly.	ea.	1	1	1	2	1	1	2	4	6	10
BC745/31	2C5395-745A/P6.	Pack #6, capacitor and resistor assembly.	ea.	1	1	1	2	1	1	2	4	6	10
BC745/32	2C5395-745A/P7	Pack #7, capacitor assembly (mounted in wax sealed tube).	ea.	1	1	1	2	1	1	2	4	6	10
BC745/33	2C5395-745A/P8.	Pack #8, R.F. choke assembly, wax sealed.	ea.	1	1	1	2	1	1	2	4	6	10
BC745/34	2C5395-745A/P9.	Pack #9, capacitor and resistor assembly.	ea.	1	1	1	2	1	1	2	4	6	10
BC745/35	2C5395-745A/P10.	Pack #10, choke, capacitor and resistor assembly.	ea.	1	1	1	2	1	1	2	4	6	10

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							Equipment to be maintained					Period of time			
							3d	4th	5th	Army	Base				
							7-15	16-30	71-130	100	100	1 mo.	3 mo.	6 mo.	1 yr.
		BC745/36	2Z1239. 1	Pedestal casting, white metal, 2 1/4" long, 1 1/4" wide, Galvin #43B34531.	ea	1	5	10	45	20	10	45	95	125	250
		BC745/37	2C5395-745A/A2	Plate assembly, tube retaining, with 9 shields and 2 snap slides, Galvin #1X35402.	ea	1	1	1	2	1	1	4	9	17	30
		BC745/38	2C5395-745A/P1/1	Plug, 9-pin, Galvin #1X34892	ea	1	2	2	4	2	1	4	9	17	30
		BC745/39	2Z3017. 1	Receptacle (for cord CD-571-A), Galvin #1X34714.	ea	1	2	2	5	3	2	6	15	28	50
		BC745/40	3Z6002B2-3	Resistor, carbon, 22-ohm, ±10%, 1/2-watt, insulated.	ea	1	2	2	5	3	2	6	15	28	50
		BC745/41	2Z8051-1	Rod, switch actuating, Galvin #47A34678.	ea	1	2	2	5	3	2	6	15	28	50
		BC745/42	2Z8552-1	Sleeve, rubber (waterproof seal for switch rod).	ea	1	1	2	6	3	2	6	15	28	50
		BC745/43	2Z8669-6	Socket, tube, 7-prong, miniature, cinch #9A34891.	ea	1	1	1	2	1	1	2	4	6	10
		BC745/44	3Z8319/S1	Spring, switch return (from transmit to receive).	ea	1	1	2	4	2	1	4	9	17	30
		BC745/45	2Z9052	Strap (coil shield mounting) U-shaped, steel, Galvin #42A34556.	ea	1	1	1	5	2	1	4	12	22	40
		BC745/46	3Z8319	Switch, sliding type (press to talk), Galvin #40B34523.	ea	1	1	1	2	1	1	3	7	11	20
		BC745/47	3Z9853-4	Switch, V-arm toggle, double pole, single throw (on and off) Galvin #40A34646.	ea	1	1	2	6	3	2	4	9	17	30
		BC745/48	2Z7856. 6	Thumb ring ("press-to-talk" switch), Galvin #42B34703.	ea	1	1	2	6	3	2	4	9	17	30

BC745/49	2Z9641. 2	Transformer (I.F.) (iron core type), Galvin #1B34912.	ea	1	1	2	3	2	1	3	8	15	25
BC745/50	2Z9641. 4	Transformer (I.F. diode input), iron core type, Galvin #1B34911.	ea	1	1	2	3	2	1	3	8	15	25
BC745/51	2Z9631. 6	Transformer, and straps (microphone) Galvin #1X34977.	ea	1	1	2	3	2	1	3	8	15	25
BC745/52	2Z9634. 4	Transformer, modulation, 3 windings, Galvin #25B34728.	ea	1	1	2	3	2	1	3	8	15	25
TABLE OF SCREWS AND WASHERS													
BC745/53	6L5050	Screw (base collar locking), dogpoint, $\frac{1}{8}$ "-24 x $\frac{1}{16}$ ", Galvin #3A34654.	ea	1	2	6	3	1	6	15	28	50	
BC745/54	6L6832-18. 85BS.	Screw, machine, #8-32 x $1\frac{1}{8}$ ", slotted hex, head, steel, black nickel, American Screw Co. #3S8091.	ea	3	7	30	15	10	28	81	159	290	
BC745/55	6L6832-6. 85WS.	Screw, machine #8-32 x $\frac{3}{8}$ ", slotted hex, head, steel, white nickel.	ea	1	3	12	12	6	6	15	28	50	
BC745/56	6L6832-4. 90S.	Set screw, 8-32 x $\frac{1}{4}$ ", Bristo.	ea	4	6	18	18	18	14	41	80	145	
BC745/57	6L50119	Washer, brass, $\frac{1}{2}$ " OD x $\frac{1}{4}$ " ID x $\frac{1}{16}$ " thick.	ea	1	2	10	6	6	6	15	28	50	
BC745/58	6L73012	Washer, .015 spring steel, 0.218" OD x .046 ID.	ea	1	2	10	6	6	6	15	28	50	