

*Class 47—R-F Transformers—Inductors—Chokes*

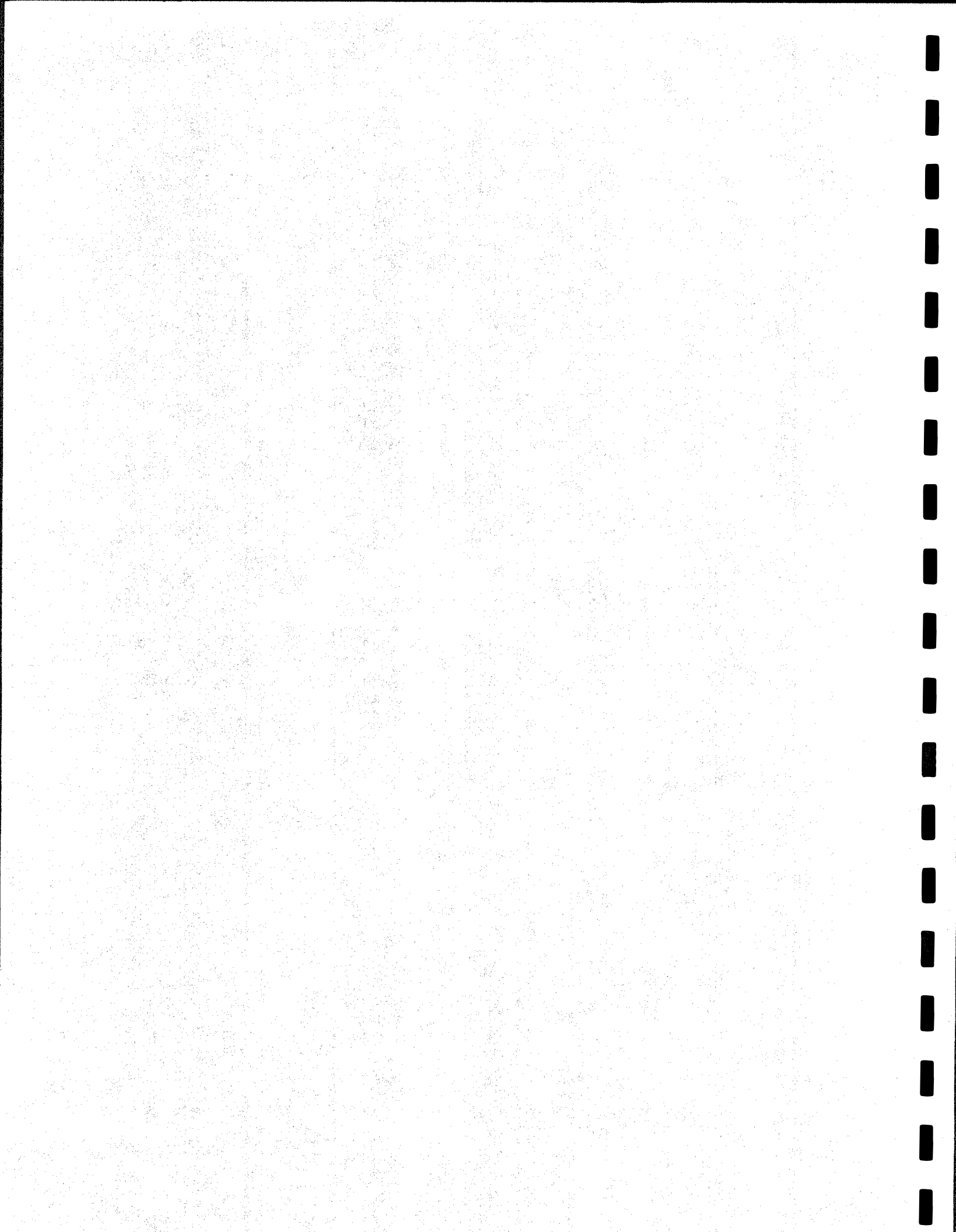
CLASS 47  
RADIO FREQUENCY  
TRANSFORMERS-INDUCTORS-CHOKES.

INCLUDES: ALL RF TRANSFORMERS, COILS &  
CHOKES, TUNING UNITS, PLUG-  
ING COILS.

NOTE: POWER AND AUDIO (IRON CORE) TYPES  
COVERED BY CLASS 30

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NAVSHIPS 900,109



Class 47—R-F Transformers—Inductors—Chokes

3.47-1

NAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION	NAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION	NAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION		
JBA 47000	RU-1		JAY 47008	TAR-2 & RO		JAY 47016	RO-3	XA-8218		
COIL CONTAINER			COIL			COIL CONTAINER				
			PLATE, R.F., CHOKE			15-1,000 KILOCYCLE COILS.				
12/21/31			1/20/32		M-7403905-G-1	3/18/32		7704043		
NOV. 41			NOV. 41			NOV. 41				
JBA 47001	RU-1		JAY 47009	TAR-2 & RO		JAY 47017	RO-3	XA-8218		
COILS			COIL			COIL CONTAINER				
			GRID, R.F., CHOKE.			300-22,000 KILOCYCLE COILS.				
12/21/31			1/20/32		M-7402160-G-4	3/18/32		7704044		
NOV. 41			NOV. 41			NOV. 41				
JAY 47002	TAR-2	RE 47AA101	JAY 47010	TAR-2 & RO		JAY 47018	GK-1	XA-8300		
COIL			COIL			COIL CONTAINER				
CHOKE, R. F., PLATE.			GRID, R.F. CHOKE			300-30,000 KILOCYCLE COILS.				
1/20/32		M-7403905-G-1	1/20/32		M-7402141-G-5	5/17/32		P-7703286		
NOV. 41			NOV. 41			NOV. 41				
JAY 47003	TAR-2 & RO		JAY 47011	TAR-2 & RO		JBY 47019	GF			
COIL			COIL			COIL				
GRID, R.F., CHOKE			GRID, R.F., CHOKE.			224-350 KILOCYCLES.				
1/20/32		M-7402160-G-4	1/20/32		M-7404176-G-1	11/7/32				
NOV. 41			NOV. 41			NOV. 41				
JAY 47004	TAR-2 & RO		JAY 47012	TAR-2 & RO		JBY 47020	GF			
COIL			COIL			COIL				
GRID, R.F., CHOKE			PLATE, R.F., CHOKE.			350-545 KILOCYCLES.				
1/20/32		M-7402141-G-5	1/20/32		M-7602507-G-1	11/7/32				
NOV. 41			NOV. 41			NOV. 41				
JAY 47005	TAR-2 & RO		JAY 47013	TAR-2 & RO		JBY 47021	GF			
COIL			COIL			COIL				
GRID, R.F., CHOKE			GRID, R.F., CHOKE.			545-850 KILOCYCLES.				
1/20/32		M-7404176-G-1	1/20/32		M-7402160-G-5	11/7/32				
NOV. 41			NOV. 41			NOV. 41				
JAY 47006	TAR-2 & RO		JRY 47014	DM	XA-8172	JBY 47022	GF			
COIL			LOOP LOAD UNIT.			COIL				
GRID, R.F., CHOKE						850-1330 KILOCYCLES.				
1/20/32		T-7602507-G-1	1/26/32		P-701223	11/7/32				
NOV. 41			NOV. 41			NOV. 41				
JAY 47007	TAR-2 & RO		JRY 47015	DM	XA-8172	JBY 47023	GF			
COIL			COIL - ANTENNA			COIL				
GRID, R.F., CHOKE			FOR BALANCE UNIT.			1,330-2,040 KILOCYCLES.				
1/20/32		M-7402160-G-5	1/26/32		M-401438 PT. 12	11/7/32				
NOV. 41			NOV. 41			NOV. 41				
			ASSIGNED			ASSIGNED				
DATE	MANUFACTURER'S DESIGNATION	MANUFACTURER'S DRAWING NUMBER	ISSUED	DATE	MANUFACTURER'S DESIGNATION	MANUFACTURER'S DRAWING NUMBER	ISSUED	DATE	MANUFACTURER'S DESIGNATION	MANUFACTURER'S DRAWING NUMBER

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CBY 47024 GF COIL 2,040-3,000 KILOCYCLES.			CBY 47032 RU-2 COIL ASSEMBLY 545-850 KILOCYCLES - ASSEMBLY CONSISTS OF: ONE TUNED INPUT COIL, ONE BAND-PASS COIL, TWO TUNED COUPLING COILS, ONE TUNED OSCILLATOR COIL.	11/7/32 NOV. 41		CNA 47040 RAD-2 COILS & CONTAINER	11/15/32 NOV. 41	
CBY 47025 GF COIL 3,000-4,500 KILOCYCLES.			CBY 47033 RU-2 COIL ASSEMBLY 850-1,330 KILOCYCLES. ASSEMBLY CONSISTS OF: ONE TUNED INPUT COIL, ONE BAND-PASS COIL, TWO TUNED COUPLING COILS, ONE TUNED OSCILLATOR COIL.	11/7/32 NOV. 41		CRV 47041 RAA & RAB CHOKE COIL		
CBY 47026 GF COIL 4,000-6,000 KILOCYCLES.			CBY 47034 RU-2 COIL ASSEMBLY 1,330-2,040 KILOCYCLES - ASSEMBLY CONSISTS OF: ONE TUNED INPUT COIL, ONE BAND-PASS COIL, TWO TUNED COUPLING COILS, ONE TUNED OSCILLATOR COIL.	11/7/32 NOV. 41		CBY 47042 GF COIL ASSEMBLY OSCILLATOR - 6,200-7,700 KILOCYCLES.	1/4/33 NOV. 41	K-806732-G-1
CBY 47027 GF COIL 5,400-8,100 KILOCYCLES.			CBY 47035 RU-2 COIL ASSEMBLY 2,040-3,000 KILOCYCLES - ASSEMBLY CONSISTS OF: ONE TUNED INPUT COIL, ONE BAND-PASS COIL, TWO TUNED COUPLING COILS, ONE TUNED OSCILLATOR COIL.	11/7/32 NOV. 41		CBY 47043 GF COIL ASSEMBLY ANTENNA COUPLING - 6,200-7,700 KILOCYCLES.	1/30/33 NOV. 41	
CBY 47028 GF COIL 8,500-12,500 KILOCYCLES.			CBY 47036 RU-2 COIL ASSEMBLY 3,000-4,500 KILOCYCLES - ASSEMBLY CONSISTS OF: ONE TUNED INPUT COIL, ONE BAND-PASS COIL, TWO TUNED COUPLING COILS, ONE TUNED OSCILLATOR COIL.	11/7/32 NOV. 41		CBY 47044 GF COIL ASSEMBLY OSCILLATOR - 3,150-3,850 KILOCYCLES.	1/30/33 NOV. 41	
CBY 47029 GF, RU-5a COIL CONTAINER FOR COILS 47019 TO 47028 INCLUSIVE, 47067 TO 47072, 47075, 47088, 47099, 47106 ETC.			CBY 47037 RU-2 COIL ASSEMBLY 4,000-6,000 KILOCYCLES - ASSEMBLY CONSISTS OF: ONE TUNED INPUT COIL, ONE BAND-PASS COIL, TWO TUNED COUPLING COILS, ONE TUNED OSCILLATOR COIL.	11/7/32 NOV. 41		CBY 47045 GF COIL ASSEMBLY ANTENNA COUPLING - 3,150-3,850 KILOCYCLES.	1/30/33 NOV. 41	
CBY 47030 RU-2 COIL ASSEMBLY 224-350 KILOCYCLES.			CBY 47038 RU-2 COIL ASSEMBLY 5,400-8,100 KILOCYCLES - ASSEMBLY CONSISTS OF: ONE TUNED INPUT COIL, ONE BAND-PASS COIL, TWO TUNED COUPLING COILS, ONE TUNED OSCILLATOR COIL.	11/7/32 NOV. 41		CBY 47046 RU-2 COIL ASSEMBLY 9,500-13,575 KILOCYCLES - ASSEMBLY CONSISTS OF: ONE TUNED INPUT COIL, ONE BAND-PASS COIL, TWO TUNED COUPLING COILS, ONE TUNED OSCILLATOR COIL.	1/30/33 NOV. 41	
CBY 47031 RU-2 COIL ASSEMBLY 350-545 KILOCYCLES.			CBY 47039 RU-2 COIL ASSEMBLY 8,100-12,500 KILOCYCLES - ASSEMBLY CONSISTS OF: ONE TUNED INPUT COIL, ONE BAND-PASS COIL, TWO TUNED COUPLING COILS, ONE TUNED OSCILLATOR COIL.	11/8/32 NOV. 41		CRV 47047 DO-3 TRANSFORMER - LOOP OUTPUT	7/12/33 NOV. 41	
				11/8/32 NOV. 41			7/20/33 NOV. 41	P-705251-G-1

DATE	MANUFACTURER'S DESIGNATION	MANUFACTURER'S DRAWING NUMBER	ASSIGNED ISSUED	DATE	MANUFACTURER'S DESIGNATION	MANUFACTURER'S DRAWING NUMBER	ASSIGNED ISSUED	DATE	MANUFACTURER'S DESIGNATION	MANUFACTURER'S DRAWING NUMBER
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JRV 47048	DO-3		JRV 47056	DO-1, 2.		JBY 47064	GF-1			
TRANSFORMER - RECEIVER INPUT.			LOOP LOAD UNIT			COIL - INDUCTANCE				
						6200-7700 KCS.				
7/20/33		P-705251-G-1	8/28/33		P-701223-G-2	6/14/34				
NOV. 41			NOV. 41			NOV. 41				
JRV 47049	PC		JRV 47057	DO-1, 2, 3.		JBY 47065	RU-3 & RU-3a			
TRANSFORMER - R.F.			BALANCE UNIT			COIL - INDUCTANCE				
OSCILLATOR. RATIO: 1/5 TO 1.5/75.						224-350 KCS.				
PRIMARY: 1050 OHMS. SECONDARY: 1150 OHMS.										
8/8/33	XT-932A	KX-280425	8/28/33		P-701598	6/14/34				
NOV. 41			NOV. 41			NOV. 41				
47050	RAD-3		JRV 47058	DO-1, 2, 3.		JBY 47066	RU-3 & RU-3a			
INDUCTANCE SYSTEM			VARIOMETER ASSEMBLY			COIL - INDUCTANCE				
(CANCELLED)			CONSISTS OF CAG-47060, CAG-47061 AND CAG-47062.			350-545 KCS.				
8/21/33			8/28/33		P-701206-G-2	6/14/34				
NOV. 41			NOV. 41			NOV. 41				
JRV 47051	DO-1, 2, 3.		JN-47059	RD-3	RA 47F 201	JBY 47067	RU-3 & RU-3a			
TRANSFORMER			INDUCTANCE SYSTEM			COIL - INDUCTANCE				
INTERMEDIATE FREQUENCY OSCILLATOR.			12 COILS AND CONTAINER. RANGE 1,000 - 20,000 KILOCYCLES.			545-850 KCS. (RANGE C OF RU-5).				
8/28/33		K-801700-G-2	9/8/33		(2513)	6/14/34				
NOV. 41			NOV. 41			NOV. 41				
JRV 47052	DO-1, 2, 3.		JAC 47060	DO-1, 2, 3.		JBY 47068	RU-3 & RU-3a			
TRANSFORMER			VARIOMETER			COIL - INDUCTANCE				
INTERMEDIATE FREQUENCY.			MAXIMUM INDUCTANCE AT 1,000 CYCLES: 9.2 MH.			850-1,330 KCS. (RANGE D OF RU-5).				
8/28/33		M-401383-G-3	9/13/33		M-31012-P-5	6/14/34				
NOV. 41			NOV. 41			NOV. 41				
JRV 47053	DO-1, 2, 3.		JAC 47061	DO-1, 2, 3.		JBY 47069	RU-3 & RU-3a			
TRANSFORMER			VARIOMETER			COIL - INDUCTANCE.				
OSCILLATOR UNIT.			MAXIMUM INDUCTANCE AT 1,000 CYCLES: 1.68 MH.			1,330-2,040 KCS. (RANGE E OF RU-5).				
8/28/33		T-601113-G-2	9/13/33		M-31012-P-6	6/14/34				
NOV. 41			NOV. 41			NOV. 41				
JRV 47054	DO-1, 2, 3.		JAC 47062	DO-1, 2, 3.		JBY 47070	RU-3 & RU-3a			
COIL			VARIOMETER			COIL - INDUCTANCE				
SENSE			MAXIMUM INDUCTANCE AT 1,000 CYCLES: 670 MH.			2,040-3,000 KCS. (RANGE F OF RU-5).				
8/28/33		K-801898-G-1	9/13/33		M-31012-P-7	6/14/34				
NOV. 41			NOV. 41			NOV. 41				
JRV 47055	DO-1, 2, 3.		JSC 47063	TAV-2		JBY 47071	RU-3 & RU-3a			
COIL			CHOKE - RADIO FREQUENCY			COIL - INDUCTANCE				
LOOP COUPLING.			250 MILLIHENRIES.			3,000-4525 KCS. (RANGE G OF RU-5).				
8/28/33		K-801902-G-1	9/18/33	#125	(3922)	6/14/34				
NOV. 41			NOV. 41			NOV. 41				
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JBV 47072	RU-3 & RU-3a		JW-47030	GP-1		JBV 47088	RU-3, RU-3a	
COIL - INDUCTANCE			INDUCTANCE SYSTEM			COIL - INDUCTANCE		
4,000-6,000 KCS. (RANGE H OF RU-5).			SIX PLUG-IN INDUCTANCE-TUNING UNITS			6000-9050 KCS. (RANGE H OF RU-5).		
6/14/34			RANGE: 350-9,050 KILOCYCLES. (MARKED A, B, C ETC., BEGINNING WITH LOWEST RANGE COIL) A-350 TO 800 KC, B-800 TO 1500 KC C NOT FURNISHED, D-3000 TO 4525. E-4525 TO 6500, F-6200 TO 9050.			12/23/35		
NOV. 41			12/11/34			NOV. 41		
NOV. 41			NOV. 41					
JBV 47073	RU-3 & RU-3a		JRV 47081	DP-1, 2, 3.		JBV 47089	GF-2	
COIL - INDUCTANCE			TRANSFORMER - LOOP OUTPUT.			INDUCTANCE SYSTEM		
5,400-8,100 KCS.						FOUR PLUG-IN COILS - COIL "A" - 3,000 - 3,675 KCS. COIL "B" - 3,675 - 4,525 KCS. COIL "C" - 6,000 - 7,350 KCS. COIL "D" - 7,350 - 9,050 KCS.		
6/14/34			12/14/34			2/6/35		
NOV. 41			NOV. 41			NOV. 41		
NOV. 41								
JBV 47074	RU-3 & RU-3a		JRV 47082	DP-1, 2, 3.		JHS 47090	RAH & RAH-1	
COIL - INDUCTANCE			TRANSFORMER - RECEIVER			INDUCTANCE SYSTEM		
8,100-12,500 KCS.			INPUT.					
6/14/34			12/14/34			2/19/35		
NOV. 41			NOV. 41			NOV. 41		
NOV. 41								
JBV 47075	RU-3 & RU-3a		JRV 47083	* SEE BELOW		RW-47091	XZ-1	
COIL - INDUCTANCE			LOOP LOAD UNIT			INDUCTOR UNIT - VARIABLE		
9,050-13,575 KCS. (RANGE K OF RU-5).						USED IN CONJUNCTION WITH A TYPE RW-48533 CAPACITOR UNIT TO FORM A MODEL XZ-1 DIPLEX COUPLING UNIT.		
6/14/34			* DP-1, 2, 3 & DQ.			3/7/35		
NOV. 41			1/22/35		P-701223	NOV. 41		
NOV. 41			NOV. 41					
NOV. 41								
JBV 47076	RU-3 & RU-3a		JRV 47084	DP-1, 2, 3.		JBV 47092	GF-2 GF-4	
COIL - DUAL INDUCTANCE			TRANSFORMER - OSCILLATOR			COIL CONTAINER		
400-600/3,000-4,500 KCS.						FOR CBV-47089 COIL SET.		
6/14/34			1/22/35		T-601113	3/18/35		
NOV. 41			NOV. 41			NOV. 41		
NOV. 41								
JBV 47077	RU-3 & RU-3a		JRV 47085	DQ		JRV 47093	* SEE BELOW	
COIL - DUAL INDUCTANCE			TRANSFORMER - OSCILLATOR			LOOP COIL		
400-600/5,200-7700 KCS.								
6/14/34			1/22/35		T-601113	* DP-1, 2, 3, & DQ.		
NOV. 41			NOV. 41			4/15/35		
NOV. 41						NOV. 41		
NOV. 41								
JRV 47078	CP		JWC 47086	RAG & RAH		JRV 47094	RAL & RAL-1	
INDUCTANCE SYSTEM			CHOKE - R.F.			RF COIL - CHOKE		
SIX PLUG-IN INDUCTANCE-TUNING UNITS.			2 MILLIHENRIES ± 10% - 60 MA, 10 OHMS ± 10%.			475 TURNS OF #36 E.S.S. WIRE, 4 CROSSES PER TURN, WOUND ON A 9/16" DIAMETER FORM, ENTIRELY ENCLOSED AND SEALED IN A BAKELITE SHELL WITH PROTRUDING LEADS. .005 HENRY ± 10% AT 175 KC., 44 OHMS DC RESISTANCE.		
(MARKED A, B, C, ETC., BEGINNING WITH LOWEST RANGE COIL).						4/29/36		
8/4/34			8/2/35		D-RA-176-1	NOV. 41		
NOV. 41			NOV. 41					
NOV. 41								
JRV 47079	CP		JBV 47087	RU-2		JHS 47095	RAG & RU	
ANTENNA INDUCTANCE			COIL - INDUCTANCE			COIL - CHOKE		
			6000 - 9050 KCS.			8.0 MH ± 10% - D.C. RESISTANCE 60 OHMS, 300 VOLTS.		
8/4/34			10/23/35			12/23/35		
NOV. 41			NOV. 41			NOV. 41		
NOV. 41								

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CHC 47120	MISC SOUND		JBY 47127	GF-6		JBY 47135	GF-7	
RF CHOKE			COIL SET			COIL SET		
85 MH, 60 MA DC.			4 COILS. COIL A: 2000 TO 2500 KC; COIL B: 2450 TO 3250 KC; COIL C: 2950 TO 3700 KC; COIL D: 3650 TO 4550 KC. (COILS C & D SAME AS COILS A & B OF TYPE -47089.)			FREQUENCY RANGE 2000 - 2500 (INTER-CHANGEABLE WITH COIL A OF - 47127)		
1/5/38	RFC 85		4/26/38	NOV. 41		11/2/38	NOV. 41	
NOV. 41								
JHC 47121	MISC SOUND		JBY 47128	RU-8		JBY 47136	GF-7	
RF CHOKE			COIL SET (200 TO 400 & 530 TO 5600 KC). 2 SINGLE RANGE COILS AND 3 DUAL RANGE COILS. COIL A: 200 TO 400 KC; COIL B: 1000 TO 2000 KC; COIL C: 200 TO 380 & 2000 TO 3700 KC; COIL D: 200 TO 380 & 3100 TO 5600; COIL E: 530 TO 1000 AND 2000 TO 3700 KC.			COIL SET		
250 MH, 60 MA DC.			4/26/38	NOV. 41		FREQUENCY RANGE 2500 TO 3200 KC. (INTERCHANGEABLE WITH COIL B OF -47127.)		
1/5/38	RFC 250					11/2/38	NOV. 41	
NOV. 41								
CNA 47122	DT		JRR 47129	DU, DV & DW		JBY 47137	GF-7	
RF CHOKE			RF TRANSFORMER			COIL SET		
2-1/2 MH, 125 MA DC, DISTRIBUTED			BAND #1 AND 2, 200 TO 500 /475 TO 800 KC OPERATES FROM LOOP TO TYPE - 38667 GRID. (IRON CORE)			FREQUENCY RANGE 3000 TO 3675. (INTER-CHANGEABLE WITH COIL C OF -47127 & A OF -47089.)		
CAPACITY 1 MHF. 50 OHMS DC RESISTANCE.			IRON CORE) PRIMARY 0.03 OHMS SECONDARIES: 0.46 AND 1.21 OHMS DC.					
*CDL:A-17A6017 REV. 0	CDU:0D-3225-A-2		4/29/38	A 11429	A 11429	11/2/38	NOV. 41	
4/18/38	R-100	CATALOGUE	NOV. 41					
FEB. 45		*SEE ABOVE						
CAY 47123	GP-4		JRR 47130	DU, DV & DW		JBY 47138	GF-7	
INDUCTANCE SYSTEM			RF TRANSFORMER			COIL SET		
FIVE PLUG IN COILS. COIL A - 350 TO 800 KC, COIL B - 800 TO 1500 KC; COIL C - NOT FURNISHED; COIL D - 3000 TO 4525 KC; COIL E -4525 TO 6500 KC; COIL F - 6200 TO 9050 KC.			BAND #3 800 TO 1800 KC.OPERATE FROM LOOP TO TYPE - 38667 GRID. (IRON CORE)			FREQUENCY RANGE 3675 TO 4525. (INTER-CHANGEABLE WITH COIL C OF 47127 & B OF -47089.)		
4/21/38	P-7706550 SUB 4		4/29/38	A 11351-1	A 11351-1-A	12/5/38	NOV. 41	
NOV. 41			NOV. 41					
CAY 47124	GP-4		JRR 47131	DU		JBY 47139	GF-7	
COIL CONTAINER:			RF TRANSFORMER			COIL SET		
METAL COVER FOR PLUG IN TUNING UNIT			BAND #4 1800 TO 4000 KC.OPERATES FROM LOOP TO TYPE - 38667 GRID. (IRON CORE)			FREQUENCY RANGE 4000 TO 4900.		
TYPE -47123 ALUMINUM CASE WITH ALUMINUM COVERS.			PRIMARY 0.03 OHMS; SECONDARY: 0.05 OHMS.					
4/21/38	CAY:P-7706111		4/29/38	A 11351-2	A 11351-2-A	12/5/38	NOV. 41	
JUNE 42	SUB 1		NOV. 41					
JAY 47124A	GP-7		JRR 47132	DU		JBY 47140	GF-7	
COIL CONTAINER:			RF TRANSFORMER			COIL SET		
SIMILAR TO CAY-47124 EXCEPT HAS STEEL CASE WITH ALUMINUM COVERS.			BAND #5 4000 TO 8000 KC.OPERATES FROM LOOP TO TYPE - 38667 GRID. (IRON CORE)			FREQUENCY RANGE 4900 TO 6000.		
5/4/42	CAY:P-7708740		4/29/38	A 11364	A11364-A	12/5/38	NOV. 41	
JUNE 42	SUB 0		NOV. 41					
JAY 47125	GP-4		JW-47133	GN		JBY 47141	GF-7	
EXTERNAL ANTENNA			ANTENNA LOADING COIL			COIL SET		
LOADING COIL.						FREQUENCY RANGE 6000 TO 7350. (INTER-CHANGEABLE WITH COIL C OF -47089.)		
4/21/38	P-7706519 SUB 0		6/27/38	NOV. 41	ESO-610462	12/5/38	NOV. 41	
NOV. 41			NOV. 41		ISSUE 2			
RW-47126	DT	RA 69F 322	CG-47134	* SEE BELOW		JBY 47142	GF-7	
RF CHOKE		* SEE BELOW	ANTENNA LOADING COIL			COIL SET		
33 TURNS # 16 ENAMELED WIRE(3 LAYERS)			AUXILIARY COIL FOR USE WITH TBR & TBR-1 EQUIPMENTS.			FREQUENCY RANGE 7350 TO 9050. (INTER-CHANGEABLE WITH COIL D OF 47089.)		
GN 3/8" DIAMETER PHENOLIC SPOOL.								

\* PAGE 12, ITEM 83.  
4/19/38  
NOV. 41

\* TBR, TBR-1 GAUGED.  
7/7/38. 4MYSRT  
NOV. 41

PHOTO:522541

12/5/38  
NOV. 41

DATE	MANUFACTURER'S DESIGNATION	MANUFACTURER'S DRAWING NUMBER	ASSIGNED ISSUED	DATE	MANUFACTURER'S DESIGNATION	MANUFACTURER'S DRAWING NUMBER	ASSIGNED ISSUED	DATE	MANUFACTURER'S DESIGNATION	MANUFACTURER'S DRAWING NUMBER

Class 47—R-F Transformers—Inductors—Chokes

3.47-7

NAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION	NAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION	NAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION
CBY 47143	RU-9	COIL SET 200 TO 400 KC (RANGE ZB).	CBY 47149	GF-6/RU-8	FR FILTER COIL 35.5 MILLIHENRIES ± 5%. 10 OHMS ± 5% DC RESISTANCE. LAMINATED IRON CORE.	JAY 47153A	GP-7	TUNING UNIT: RANGE E FREQUENCY RANGE 4525 TO 6500 KC. SIMILAR IN APPEARANCE TO TYPE -47153. HOWEVER THE DIAL WHICH IS FABRICATED IS NOT COMPLETELY MECHANICALLY INTERCHANGEABLE WITH THE CASTING TYPE DIAL OF TYPE -47153.
12/5/38 NOV. 41			12/20/38 NOV. 41		2998-1-C	1/14/42 APR. 42		P-7706317 SUB 3
CAY 47144	RU-9	COIL SET 1000 TO 2000 KC (RANGE ZE).	CAY 47150	* SEE BELOW	TUNING UNIT RANGE: 350 TO 800 KC. SAME AS RANGE A OF -47123.	JAY 47154	* SEE BELOW	TUNING UNIT RANGE: 6200 TO 9050 KC; SAME AS RANGE F OF -47123.
12/5/38 NOV. 41			* GP-4a, GP-5, TCE. 1/11/39 NOV. 41		P-7706317 SUB 2	* GP-4a, GP-5, TCE. 1/11/39 NOV. 41		P-7706317 SUB 2
CBY 47145	RU-9	COIL SET: DUAL 200 TO 330 KC (RANGE ZA) AND 2000 TO 3700 KC (RANGE ZF). (INTERCHANGEABLE WITH COIL C OF -47128).	CAY 47150A	GP-7	TUNING UNIT: RANGE A FREQUENCY RANGE 350 TO 800 KC. SIMILAR TO TYPE -47150 IN APPEARANCE. HOWEVER THE DIAL WHICH IS FABRICATED IS NOT COMPLETELY MECHANICALLY INTERCHANGEABLE WITH THE CASTING TYPE DIAL OF TYPE -47150.	JAY 47154A	GP-7	TUNING UNIT: RANGE F FREQUENCY RANGE 6200 TO 9050 KC. SIMILAR IN APPEARANCE TO TYPE -47154. HOWEVER THE DIAL IS FABRICATED AND IS NOT COMPLETELY MECHANICALLY INTERCHANGEABLE WITH THE CASTING TYPE DIAL OF THE TYPE -47154.
12/5/38 NOV. 41			1/14/42 APR. 42		P-7706317 SUB 3	1/14/42 APR. 42		P-7706317 SUB 3
CBY 47146	RU-9	COIL SET: DUAL 200 TO 330 KC (RANGE ZA) & 3100 TO 5600 KC (RANGE ZG). (INTERCHANGEABLE WITH COIL D OF -47128).	CAY 47151	* SEE BELOW	TUNING UNIT RANGE: 800 TO 1500 KC. SAME AS RANGE B OF -47123.	JAY 47155	GP-4A, TCE	TUNING UNIT: RANGE C RANGE 1500 TO 3000 KC. WITH FABRICATED TYPE DIAL
12/5/38 NOV. 41			* GP-4a, GP-4, TCE. 1/11/39 NOV. 41		P-7706317 SUB 2	9/13/39 APR. 42		P-7706317 SUB 3
CBY 47146-A	RU-15	COIL SET - DUAL 200 TO 394 KC & 3100 TO 5600 KC (RANGE ZG).	CAY 47151A	GP-7	TUNING UNIT RANGE B FREQUENCY RANGE 800 TO 1500 KC. SIMILAR TO TYPE -47151 IN APPEARANCE. HOWEVER THE DIAL WHICH IS FABRICATED IS NOT COMPLETELY MECHANICALLY INTERCHANGEABLE WITH THE CASTING TYPE DIAL OF THE TYPE -47151.	CAY 47155A		CANCELLED
2/28/40 NOV. 41			1/14/42 APR. 42		P-7706317 SUB 3	APR. 42		
CBY 47147	RU-9	COIL SET: DUAL 200 TO 330 KC (RANGE ZA) & 5500 TO 9050 KC (RANGE ZH).	CAY 47152	* SEE BELOW	TUNING UNIT RANGE: 3000 TO 4525 KC; SAME AS RANGE D OF -47123 EXCEPT ANTENNA LOAD COIL WILL HAVE 41 MICROHENRIES INDUCTANCE INSTEAD OF 332 AND ANTENNA TAP SWITCH WILL HAVE 5 INSTEAD OF 4 TAPS.	CNA 47156	RAS	COIL SET RANGE 190 TO 450 KCS.
12/5/38 NOV. 41			* GP-4a, GP-5, TCE. 1/11/39 NOV. 41		P-7706317 SUB 2	10/12/39 NOV. 41		
CBY 47147-A	RU-15	COIL SET - DUAL 200 TO 394 KC & 5500 TO 9050 KC (RANGE ZH).	CAY 47152A	GP-7	TUNING UNIT: RANGE D FREQUENCY RANGE 3000 TO 4525 KC. SIMILAR TO TYPE -47152 IN APPEARANCE. THE DIAL WHICH IS FABRICATED IS NOT COMPLETELY MECHANICALLY INTERCHANGEABLE WITH THE CASTING TYPE DIAL OF TYPE 47152.	CNA 47157	RAS	COIL SET RANGE: 450 TO 900 KCS.
2/28/40 NOV. 41			1/14/42 APR. 42		P-7706317 SUB 3	10/12/39 AUG. 42		
CBY 47148	RU-9	COIL SET: DUAL 530 TO 1000 KC (RANGE ZD) & 2000 TO 3700 KC (RANGE ZF). (INTERCHANGEABLE WITH COIL E OF -47128).	CAY 47153	* SEE BELOW	TUNING UNIT RANGE: 4525 TO 6500 KC. SAME AS RANGE E OF -47123.	CNA 47158	RAS	COIL SET RANGE: 900 TO 2000 KCS.
12/5/38 NOV. 41			* GP-4a, GP-5, TCE. 1/11/39 NOV. 41		P-7706317 SUB 2	10/12/39 AUG. 42		

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3.47-8

Class 47—R-F Transformers—Inductors—Chokes

NAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION	NAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION	NAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION
JNA 47159 RAS COIL SET RANGE: 2 TO 4 MCS.			JNA 47167 RAW COIL SET RANGE: 4.0 TO 7.0 MCS.			JG-47174 -22338(TCG) R. F. CURRENT TRANSFORMER INPUT: 200 AMPS. OUTPUT: 5 AMPS.		
10/12/39 AUG. 42			10/12/39 AUG. 43		CNA:E-901	5/1/41 NOV. 41		
JNA 47160 RAS COIL SET RANGE: 4.0 TO 7.0 MCS.			JNA 47168 RAW COIL SET RANGE: 7.0 TO 14.0 MCS.			JHM 47175 YB-1 R. F. CHOKE RATED 2.5 MICROHENRIES. AT 200 MA. DC. RESISTANCE 0.07 OHMS.		
10/12/39 AUG. 42			10/12/39 AUG. 43		CNA:E-901	5/10/41 4528 NOV. 41		4104-2
JNA 47161 RAS COIL SET RANGE: 7.0 TO 14.0 MCS.			JNA 47169 RAW COIL SET RANGE: 14.0 TO 30.0 MCS.			JHC 47176 YB-1 RF CHOKE 8 MILLIHENRIES AT 125 MA. 70 OHMS DC.		
10/12/39 AUG. 42			10/12/39 AUG. 43		CNA:E-901	5/16/41 CH-8 NOV. 41		(CDE)1772 REV 0
JNA 47162 RAS COIL SET RANGE: 14.0 TO 30.0 MCS.			JAC 47170 REa & RFa RF CHOKE 250 MILLIHENRIES ± 20%; DISTRIBUTED CAPACITY 4 MMF; DC RESISTANCE 450 OHMS; AIR CORE.			JAY 47177 YB-1 RF CHOKE INDUCTANCE 4.35 MILLIHENRIES 400 TO 1000 KC. 0.75 AMPS. 350 TURNS OF #26 DSC. 6.8 OHMS DC RES. 7.04 OHMS MAX RES. 5.76 OHMS MIN. RESISTANCE. *CAY:7-7405019-6 SUB 15. *CAY:T-7607503 FIG. 6 REV 1 5/16/41 L-303476 (CDE) 1796 MAY 45 *SEE ABOVE		
10/12/39 AUG. 42			12/21/39 119A NOV. 41		CATALOG K			
JNA 47163 RAW COIL SET RANGE: 175 TO 400 KCS.			JW-47171 * SEE BELOW RA 66F 208B RF TRANSFORMER PRIMARY: 2 COILS. 4 OHMS DC WHEN SERIES CONNECTED; SECONDARY: 2 COILS. 0.4 OHMS DC WHEN SERIES CONNECTED. HAS A TERMINAL CONNECTED TO CASE AND SHIELD SEPARATING COILS: HAS A COLLOIDAL IRON DUCT CORE. * -53067 TO 50069 1HC 12/28/40 137A NOV. 41			JAY 47178 YB-1 RF CHOKE 6.85 MILLIHENRIES; 1.75 OHMS; #16 DCC WIRE.		
10/12/39 AUG. 43		CNA:E-901				5/16/41 L-303485 (CDE) 1797 NOV. 41		
JNA 47164 RAW COIL SET RANGE: 480 TO 900 KCS.			FREQUENCY RANGE 200 TO 4000 47171 KCS.			JNA 47179 TCX RF CHOKE 2.5 MILLIHENRIES AT 125 MA DC; 50 OHMS DC.		
10/12/39 AUG. 43		CNA:E-901				6/6/41 NOV. 41		CG:K-7875538-1 REV 2
JNA 47165 RAW COIL SET RANGE: 900 TO 2000 KCS.			JHM 47172 TCQ R. F. CHOKE 2.5 MILLIHENRIES. 200 MILLIAMPS. DC RESISTANCE 26 OHMS.			JRV 47180 * SEE BELOW RECEIVER INPUT TRANSFORMER CONSISTS OF TWO TAPPED COILS WITH MEANS FOR ADJUSTING THE MUTUAL INDUCTANCE BY MOVEMENT OF THE COILS. MOUNTED IN SMALL BOX.		
10/12/39 AUG. 43		CNA:E-901	2/27/41 4537 NOV. 41			* OP-12, 13, DQ-5. 6/26/41 NOV. 41		K-866352-501 SUB 0
JNA 47166 RAW COIL SET RANGE 2 TO 4 HC.			JG-47173 -22337(TCG) R. F. CURRENT TRANSFORMER INPUT 125 AMPS RF. OUTPUT 5 AMPS.			JNA 47181 RBJ COIL SET RANGE: 50 TO 100 KC.		
10/12/39 AUG. 43		CNA:E-901	5/1/41 NOV. 41					CNA:E-901

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Class 47—R-F Transformers—Inductors—Chokes

3.47-9

NAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION	NAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION	NAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION
JNA 47182 COIL SET RANGE: 100 TO 200 KC.			JRV 47199 YE-1 CHOKE COIL ASSEMBLY: CONSISTS OF 4 COILS IN SERIES WOUND ON A CERAMIC COIL FORM 1" DIA. COILS LEFT HAND, UNIVERSAL WOUND 375 TURNS PER COIL. #26 SSE COPPER WIRE. TAB TERMINALS ON ENDS OF COIL FORM.			JW-47197 FH, SH, SJ R. F. CHOKE RATED 100 MICROHENRIES ± 10% AT 10 KC AND 0 AMP DC. DC RESISTANCE 3 OHMS, 110 TURNS #34 DS. RATED 1/4 WATT. SINGLE SECTION, DUOLATERAL WOUND ON CERAMIC SPOOL.		
9/4/41 AUG. 43		CNA:E-901	11/19/41 APR. 42		M-420684-501 SUB 3	2/9/42 MAR. 42		CW:KS-6500
JW-47183 SJ R. F. CHOKE RATED 40.7 TO 43.2 MILLIHENRIES, DC RESISTANCE 120 OHMS, 2040 TURNS #34 AWG DS WIRE, 65 MA DC MAXIMUM.			JOM 47190 RBA, RBA-1 R. F. CHOKE RATED 5.5 MICROHENRIES AT 1 AMP DC, DC RESISTANCE 0.85 OHMS.			JW-47198 FH, SH, SJ; R. F. CHOKE RATED 400 MILLIHENRIES ± 5% AT 1800 CYCLES AND 0 AMP DC. DC RESISTANCE 1000 OHMS, 5300 TURNS #38 E. S. RATED 1-1/2 WATTS MAX. SINGLE SECTION, DUOLATERAL WOUND ON CERAMIC SPOOL.		
11/5/41 OCT. 42	200-P	ES-682036 ISSUE 2	11/28/41 MAR. 42	Z-1	CFT:F-29850-16	2/9/42 MAR. 42		CW:KS-8592
JRV 47184 YE-1 R.F. SUPPRESSOR CONSISTS OF 10 TURNS 1/32" ENAMELED COPPER WIRE SPACED EACH 1/64" WOUND ON A 250 OHM 1/2 WATT INTERNATIONAL RESISTANCE CO. TYPE F 1/2 COMPOSITION RESISTOR.			JRV 47191 ATB TUNING UNIT PLUG IN: TUNING UNIT ASSEMBLY 2.3 TO 4.2 MC.			JW 47199 SG R. F. CHOKE 4 SECTIONS IN SERIES. EACH SECTION 250 MICROHENRIES ± 5%, 178 TURNS #36 SSE. FIVE LEADS BROUGHT TO SOLDERING LUGS WHICH ARE MARKED 1, 2, 3, 4, 5. LUGS 1 & 2= SECTION 1, LUGS 2 & 3= SECTION 2, LUGS 3 & 4= SECTION 3, LUGS 4 & 5= SECTION 4		
11/19/41 DEC. 41		K-855908-503 SUB 1	12/8/41 JUNE 42		CPV:W-305244 SUB 1	2/12/42 MAR. 42		12166 REV 0
JRV 47184A YE-1 RF SUPPRESSOR: CONSISTS OF 10 TURNS 1/32" ENAMELED COPPER WIRE SPACED EACH 1/64". WOUND ON 250 OHM 1/2 WATT INTERNATIONAL RESISTANCE CO. TYPE F 1/2 COMPOSITION RESISTOR. SAME AS -47184 EXCEPT ONE END IS A FLEXIBLE INSULATED LEAD 1-3/4" LONG WITH GRID CLIP.			JRV 47192 ATB PLUG-IN TUNING UNIT: TUNING UNIT ASSEMBLY 3.0 TO 9.05 MEGACYCLES.					RATED 165 MA DC CFW 47199
11/19/41 DEC. 41		K-855908-501 SUB 1	12/8/41 JUNE 42		CRV:W-305206 SUB 2			
JRV 47185 YE-1 R.F. SUPPRESSOR CONSISTS OF 15 TURNS OF 1/32" ENAMELED COPPER WIRE SPACED EACH 1/16" WOUND ON A 250 OHM, 2 WATT INTERNATIONAL RESISTANCE CO. TYPE F 2 COMPOSITION RESISTOR.			JML 47193 SJ R.F. CHOKE: 300 MILLIHENRIES ± 15 MILLIHENRIES AT 1000 CYCLES 150 OHMS DC. ENCLOSED IN CERAMIC, OIL-FILLED SHELL.			47200 SH, SJ, FH R.F. CHOKE: 7.3 MICROHENRIES, 8 MICROHENRIES MAX. (7.65 ± 5%) 0.9 OHMS DC RESISTANCE, 33-1/3 TURNS #35 DS WIRE		
11/19/41 DEC. 41		K-855908-502 SUB 1	1/24/42 SEPT. 42		CW:KS-8575 CW:ESO-636583 ISSUE 1	2/16/42 MAR. 42		CW:161570
JRV 47186 YE-1 R.F. CHOKE CONSISTS OF 20 TURNS OF 0.02" ENAMELED COPPER WIRE CLOSELY WOUND ON 5 MEGOHM 1/2 WATT INTERNATIONAL RESISTANCE CO. TYPE F-1/2 COMPOSITION RESISTOR.			JRV 47194 YE-1 MATCHING TRANSFORMER: FOR MATCHING AND COUPLING TWO TRANSMISSION LINES TO A SINGLE TRANSMISSION LINE. IMPEDANCE RATIO: 140 TO 70 OHMS AT 246 MC.			JW 47201 SG R.F. CHOKE: RATED 300 MICROHENRIES, CONSISTS OF THREE SECTIONS IN SERIES ON A 5/16" DIA. CERAMIC SPOOL, 240 TOTAL TURNS #36 SSE WIRE. END OF SPOOL OPPOSITE THE TWO SOLDERING LUGS HAS #4 - 36 TAP 3/4" DEEP		
11/19/41 DEC. 41		K-855706-501 SUB 2	2/2/42 AUG. 42	MI-8520-3	K-875970, SUB 0	2/22/42 AUG. 43		12174 12174
JRV 47187 YE-1 R.F. CHOKE CONSISTS OF TWO COILS SPACED 1/4" WOUND ON A CERAMIC COIL FORM WITH #6 - 32 X 5/16 DEEP TAPPED HOLE EACH END. WINDING UNIVERSAL, 2 CROSS PER TURN, 600 TURNS P.S. #127 .010 DIA. COILS CONNECTED IN SERIES.			JML 47195 FH, SH, SJ R. F. CHOKE RATED 20 MILLIHENRIES AT 1800 CYCLES AND 0 AMP DC. DC RESISTANCE 45 OHMS DC. 1325 TURNS #34 DS. RATED 1 WATT MAXIMUM MULTI-SECTION, DUOLATERAL WOUND ON A CERAMIC SPOOL, HOUSED IN AN OIL FILLED CERAMIC CONTAINER.			JW-47202 RU-16,17,18; COIL SET DUAL: RANGE F/RANGE N, 2040-3000/6000-9050 KC		
11/19/41 DEC. 41		M-420446-501 SUB 3	2/9/42 MAR. 42		CW:KS-8599	3/7/42 APR. 42		
JRV 47188 YE-1 COIL ASSEMBLY CONSISTS OF 3 COILS SPACED 3/4 INCH WOUND ON 1" DIA. CERAMIC COIL FORM. COILS 620 TURNS, UNIVERSAL WOUND ONE CROSS PER TURN, 30 TURNS PER LAYER, .016 BARE COPPER WIRE D.S.E. PS 233. COILS NOT CONNECTED.			JW-47196 FH, SH, SJ; R. F. CHOKE RATED 20 MILLIHENRIES ± 5% AT 1800 CYCLES AND 0 AMP DC. DC RESISTANCE 120 OHMS DC, 1280 TURNS #36 ES. RATED 1 WATT MAX. SINGLE, DUOLATERAL WOUND ON A CERAMIC SPOOL.			JW-47203 RU-16,17,13,19 COIL SET DUAL: RANGE F/RANGE G, 2040-3000/3000-4525 KC		
11/19/41 DEC. 41		M-420683-501 SUB 1	2/9/42 MAR. 42		CW:KS-8593	3/7/42 AUG. 42		

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CONFIDENTIAL

NAVSHIPS 900,109

3.47-10

Class 47—R-F Transformers—Inductors—Chokes

NAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION	NAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION	NAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION
JM 47204	* SEE BELOW		JCT 47212	RBM, -1, -2		CCT 47220	RBM, -1, -2	
COIL SET (DUAL):			TRANSFORMER I.F.:			TRANSFORMER OSCILLATOR:		
RANGE Q/RANGE F, 540-350/2040-3000 KC.			3RD IF TRANSFORMER OF TYPE CCT-46076			OSCILLATOR TRANSFORMER OF TYPE CCT-46076		
			RADIO RECEIVER.			RADIO RECEIVER		
* RU-16, 17, 18, AND 19			4/27/42	CAY:T-7607849-		4/27/42	CAY:T-7607857-	
3/7/42			JUNE 42	G1 SUB 1		JUNE 42	G1 SUB 1	
APR. 42								
COL 47205	TCS.-1.2.3.4		JCT 47213	RBM, -1, -2		CCT 47221	RBM, -1, -2	
ANTENNA LOADING COIL:			TRANSFORMER I.F.:			TRANSFORMER OSCILLATOR:		
SIX POSITION ANTENNA LOADING COIL FOR			IF TRANSFORMER OF TYPE CCT-46077 RADIO			OSCILLATOR TRANSFORMER OF TYPE CCT-46077		
OPERATION WITH TRANSMITTER NAVY TYPE			RECEIVER			RADIO RECEIVER		
COL-52245 IN THE RANGE OF 1500 TO								
3000 KC.								
3/18/42	190Z-1	COL:623C	4/27/42	CAY:T-7607852-		4/27/42	CAY:T-7607858-	
AUG. 42			JUNE 42	G1 SUB 0		JUNE 42	G1 SUB 1	
JRR 47206	ATD		JCT 47214	RBM, -1, -2		CCT 47222	RBM, -1, -2	
ANTENNA TUNING UNIT:			TRANSFORMER I.F.:			TRANSFORMER ANTENNA:		
FREQUENCY RANGE 200 TO 540 KC			IF TRANSFORMER OF TYPE CCT-46076 RADIO			ANTENNA TRANSFORMER OF TYPE CCT-46076		
			RECEIVER			RADIO RECEIVER		
4/9/42			4/27/42	CAY:T-7607848-		4/27/42	CAY:T-7607855-	
JUNE 42			JUNE 42	G1 SUB 0		JUNE 42	G1 SUB 1	
JRR 47207	ATD		JCT 47215	RBM, -1, -2		CCT 47223	RBM, -1, -2	
TUNING UNIT:			TRANSFORMER I.F.:			TRANSFORMER ANTENNA:		
FREQUENCY RANGE 200 TO 540 KC.			IF TRANSFORMER OF TYPE CCT-46077 RADIO			ANTENNA TRANSFORMER OF TYPE CCT-46077		
			RECEIVER			RADIO RECEIVER		
4/9/42			4/27/42	CAY:T-7607851-		4/27/42	CAY:T-7607856-	
JUNE 42			JUNE 42	G1 SUB 0		JUNE 42	G1 SUB 1	
JRR 47208	ATD		JCT 47216	RBM, -1, -2		CCT-47223-A	RBM-3, RBH-4	
TUNING UNIT:			TRANSFORMER B.F.O.:			TRANSFORMER-ANTENNA:		
FREQUENCY RANGE 540 TO 1500 KC.			B.F.O. TRANSFORMER OF TYPE CCT-46076			ANTENNA TRANSFORMER OF TYPE CCT-46077		
			RADIO RECEIVER.			RADIO RECEIVER, SAME AS -47223 EXCEPT		
						FOR ADDITIONS OF SEPARATE PRIMARY WIND-		
						INGS.		
4/9/42			4/27/42	CAY:P-7708206-		4/12/44	(CAY)T-7607856	
JUNE 42			JUNE 42	G1 SUB 0		JULY 44	SUB 6	
JRR 47209	ATD		JCT 47217	RBM, -1, -2		CCT 47224	RBM, -1, -2	
TUNING UNIT:			TRANSFORMER B.F.O.:			TRANSFORMER ASSEMBLY RF:		
FREQUENCY RANGE 1500 TO 3000 KC.			BFO TRANSFORMER OF TYPE CCT-46077 RADIO			CONTAINS COILS, SWITCHES, ETC FOR EACH		
			RECEIVER			OF THE FOUR RF BANDS OF TYPE CCT-46076		
						RADIO RECEIVER		
4/9/42			4/27/42	CAY:P-7708206-		4/27/42	CAY:T-7607359-	
JUNE 42			JUNE 42	G2 SUB 0		JUNE 42	G1 SUB 0	
JRR 47210	ATD		JCT 47218	RBM, -1, -2		CCT 47225	RBM, -1, -2	
TUNING UNIT:			TRANSFORMER I.F.:			TRANSFORMER ASSEMBLY RF:		
FREQUENCY RANGE 3000 TO 9050 KC			IF TRANSFORMER OF TYPE CCT-46076 RADIO			CONTAINS COILS, SWITCHES, ETC FOR EACH		
			RECEIVER			OF THE FOUR RF BANDS OF TYPE CCT-46077		
						RADIO RECEIVER		
4/9/42			4/27/42	CAY:T-7607847-		4/27/42	CAY:T-7607360-	
JUNE 42			JUNE 42	G1 SUB 2		JUNE 42	G1 SUB 0	
JRR 47211	ATD		JCT 47219	RBM, -1, -2		CAY 47226	GP-7	
TUNING UNIT:			TRANSFORMER I.F.:			PLUG IN TUNING UNIT		
FREQUENCY RANGE 9050 TO 15,400 KC			IF TRANSFORMER OF TYPE CCT-46077 RADIO			CONTAINER:		
			RECEIVER			STEEL CASE & STEEL COVER		
4/9/42			4/27/42	CAY:T-7607850-		5/4/42		
JUNE 42			JUNE 42	G1 SUB 0		JUNE 42		

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CNA 47250 RBL.-1.-2  
RF COIL ASSEMBLY:  
CONSISTS OF 3 WINDINGS ON A CERAMIC SPOOL: HAS 4 LUGS. WINDING #1/#2/#3: 1500/910/810 TURNS #10-41 WIRE. 110/62/50 OHMS DC RESISTANCE ± 10%.

7/30/42 SA-55-E D-788 OF SUB 1  
MAR. 43 10/29/42

CG 47257 \*SEE BELOW  
IF TRANSFORMER ASSEMBLY:  
PRIMARY 10.7 MICROHENRIES AT 1000 CPS. 25 TURNS OF #28 DC WIRE WITH .39 OHMS DC RESISTANCE AT 20°C. SEC 8.6 MICROHENRIES AT 1000 CPS. 23 TURNS OF #28 WIRE WITH .28 OHMS DC RESISTANCE AT 20°C. ON PHENOLIC FORM. \*MARK 11, MOD 1.  
8/25/42 K35J323-G1 K-35J323-G1.  
OCT. 42 SHEETS 1 & 2

CG 47264 SN  
OSCILLATOR COIL: CONSISTS OF 1925 TURNS #29ES WIRE TAPPED AT 1000 TURNS FROM START (BOTTOM OF WINDING). TOTAL INDUCTANCE 253 MILLIHENRIES. TOTAL RESISTANCE 63.1 OHMS DC.

9/1/42 K-35J770-G1 K-35J770-G1.  
MAR. 43 REV 2

CNA 47251 RBL.-1.-2  
RF COIL ASSEMBLY:  
CONSISTS OF THREE WINDINGS ON A CERAMIC SPOOL: HAS 7 LUGS. WINDING #1/#2/#3: 1500/910/810 TURNS #10-41, 110/62/50 OHMS DC RESISTANCE ± 10%.

7/30/42 SA-55-D D-789 OF SUB 1  
MAR. 43 10/29/42

CG 47258 \*SEE BELOW  
IF TRANSFORMER ASSEMBLY:  
PRI: 11 MICROHENRIES AT 1000 CPS. 25 TURNS OF #28 DC WIRE WITH .3 OHMS DC RESISTANCE AT 20°C. SEC: 5.8 MICROHENRIES AT 1000 CPS. 18 TURNS OF #28 DC WIRE WITH .215 OHMS DC RESISTANCE AT 20°C. ON PHENOLIC FORM. \*MARK 11, MOD 1.  
8/25/42 K35J323-G2 K35J323-G2  
OCT. 42 SHEETS 1 & 2

CG 47265 SN  
RF INDICATOR:  
CONSISTS OF 235 TURNS #34 ES WIRE. INDUCTANCE 3.85 MILLIHENRIES ± 4%. DC RESISTANCE 9.5 OHMS.

9/1/42 K-35J675-G1 CG:K-35J675-G1  
OCT. 42 REV 2

CNA 47252 RBL.-1.-2  
RF CHOKER: RATED 18 HENRIES ± 20%. DC RESISTANCE 470 OHMS ± 10%.

7/30/42 SA-31-D D-781 OF SUB 1  
MAR. 43 7/20/42

CG 47259 \*SEE BELOW  
IF TRANSFORMER ASSEMBLY:  
PRI: 8.7 MICROHENRIES AT 1000 CPS. 23 TURNS #28 DC WIRE WITH .255 OHMS DC RESISTANCE AT 20°C. SEC: 7.3 MICROHENRIES AT 1000 CPS. 21 TURNS #28 DC WIRE WITH .225 OHMS DC RESISTANCE AT 20°C. ON PHENOLIC FORM. \*MARK 11, MOD 1.  
8/25/42 K35J323-G3 K-35J323-G3.  
OCT. 42 SHEETS 1 & 2

CG 47266 SN  
RF CHOKER: CONSISTS OF 560 TURNS OF #32 ES WIRE. INDUCTANCE 6 MILLIHENRIES ± 6%. DC RESISTANCE 16.7 OHMS.

9/1/42 K-35J564-G2 K-35J564-G2.  
OCT. 42 REV 1

CNA 47253 RAO-2  
TRANSFORMER BFO: 455 KC

8/3/42 SA-41-D D-840 OF  
AUG. 42 6/29/42

CG 47260 \*SEE BELOW  
RF CHOKER: .665 MILLI-HENRIES ± 4% AT 1000 CPS. 291 TURNS OF 29ES WIRE WITH 4 OHMS DC RESISTANCE AT 20°C. ON PHENOLIC FORM.

\*MARK 11, MOD 1  
8/25/42 K35J287-G1 K-35J287-G1.  
MAR. 43 REV 2

CG 47267 SN  
RF CHOKER: CONSISTS OF 790 TURNS OF #32 ES WIRE. INDUCTANCE 12 MILLIHENRIES ± 4%. DC RESISTANCE 25.6 OHMS.

9/1/42 K-35J564-G1 K-35J564-G1.  
OCT. 42 REV 1

CNA 47254 RAO-2  
TRANSFORMER IF: 455 KC. USED IN SECOND IF INPUT.

8/3/42 SA-41-E D-841 OF  
AUG. 42 6/29/42

CG 47261 MARK 11, MOD. 1  
IF COIL: 10.4 MICROHENRIES AT 1000 CPS. 32 TURNS OF #29 OF WIRE WITH .40 OHM DC RESISTANCE AT 20°C. TAPPED AT 6 TURNS. ON PHENOLIC FORM.

8/25/42 K-35J400-G1 K-35J400-G1  
OCT. 42 REV 0

CCI 47268 MU  
OSCILLATOR COIL ASSEMBLY:  
FREQ RANGE 2.8 TO 3.3 MC. 23 TURNS OF #34 ENAM WIRE (AWC) ON CCI BAKELITE FORM R-82. SLUG TUNED. INCLUDES 1000 OHM RESISTOR (NAVY TYPE -63433).

9/15/42 CCI:145-3.17A-1  
OCT. 42

RA 47255 DAR  
GONIOMETER: FREQUENCY RANGE 1 TO 20 MC. HAS TWO FIXED COILS AND ONE MOVEABLE COIL. BRITISH TYPE 529, ADM. PATTERN 5329 MODIFIED BY NAVAL RESEARCH LABORATORY. INCLUDES A BEARING INDICATOR WITH DIAL SCALE CALIBRATED FROM 0 TO 360 DEGREES. ADMIRALTY PATTERN NO. 1320A  
8/17/42 SEE DESCRIPTION  
AUG. 42

CG 47262 MARK 11, MOD. 1  
IF TRANSFORMER ASSEMBLY:  
PRI: 1.3 MICROHENRIES AT 1000 CPS. 7 TURNS OF #28 DC WIRE WITH .092 OHMS DC RESISTANCE AT 20°C. SEC: 6.6 MICROHENRIES AT 1000 CPS. 18 TURNS OF #28 DC WIRE WITH .225 OHMS DC RESISTANCE AT 20°C. ON PHENOLIC FORM.  
8/25/42 K-35J776-G1 K-35J776-G1.  
OCT. 42 REV 0

CCI 47269 MV  
OSCILLATOR COIL ASSEMBLY:  
FREQ RANGE 3.2 TO 3.8 MC. 19 TURNS OF #34 ENAM (AWC) WIRE ON CCI BAKELITE FORM R-82. SLUG TUNED. INCLUDES 1000 OHM RESISTOR (NAVY TYPE -63433).

9/15/42 CCI:145-3.17A-2  
OCT. 42

RA 47255

MODIFIED. DOES NOT INCLUDE CYRO MOTOR SWITCH.

CFT 47263 DAQ  
GONIOMETER:  
FREQ RANGE 1.5 TO 22 MC.

8/29/42  
OCT. 42

CCI 47270 MW  
OSCILLATOR COIL ASSEMBLY:  
FREQ RANGE 3.7 TO 4.4 MC. 16 TURNS OF #34 ENAM (AWC) WIRE ON CCI BAKELITE FORM R-82. SLUG TUNED. INCLUDES 1000 OHM RESISTOR (NAVY TYPE -63433).

9/15/42 CCI:145-3.17A-3  
OCT. 42

CG 47256 \*SEE BELOW  
IF COIL: RATED 5.2 MICROHENRIES AT 1000 CPS. CONSISTS OF 42 TURNS OF #29 OF WIRE ON DIELECTENE FORM WITH .29 OHMS DC RESISTANCE AT 20°C.

CFT- 47263-A DAU  
GONIOMETER:  
FREQUENCY RANGE: 1.5 TO 22 MC. SAME AS -47263 EXCEPT IS DIE CAST INSTEAD OF SAND CAST.

2/4/44  
MAR. 44

CCI 47271 MX  
OSCILLATOR COIL ASSEMBLY:  
FREQ RANGE 4.3 TO 5 MC. 14 TURNS OF #34 ENAM (AWC) WIRE ON CCI BAKELITE FORM R-82. SLUG TUNED. INCLUDES 1000 OHM RESISTOR (NAVY TYPE -63433).

9/15/42 CCI:145-3.17A-4  
OCT. 42

\* MARK 11, MOD 1  
8/25/42 K35J311-G1 K35J311-G1.  
OCT. 42 REV 0

DATE	MANUFACTURER'S DESIGNATION	MANUFACTURER'S DRAWING NUMBER	ASSIGNED ISSUED	DATE	MANUFACTURER'S DESIGNATION	MANUFACTURER'S DRAWING NUMBER	ASSIGNED ISSUED	DATE	MANUFACTURER'S DESIGNATION	MANUFACTURER'S DRAWING NUMBER
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3.47-14

Class 47—R-F Transformers—Inductors—Chokes

NAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION	NAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION	NAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION				
CNA 47293 RBH-1 RF TRANSFORMER: SECOND RF TRANSFORMER. FREQ RANGE: 1.7 TO 3.9 MC.	10/5/42 JULY 43	CHA:SA-520	CNA:E-487	CNA 47301 RBH-1 RF TRANSFORMER: USED WITH HIGH FREQUENCY OSCILLATOR. FREQ RANGE: 0.3 TO 0.6 MC.	10/5/42 JULY 43	CHA:6A-528	CNA:E-497	CNA 47309 RAO-2 RF TRANSFORMER: FREQ RANGE: 14.0 TO 30.0 MC. PRI/SEC #1/SEC #2: 9X/10 1/3/49 TURNS. #36DS/#22E/39E WIRE. 0.7±10%/0.04±10% 5.8±10% OHMS DC RESISTANCE. INCLUDES A TUNABLE CAPACITOR.	12/29/42 JULY 43	COIL TYPE A-2	CHA:E-160 REV 0	SA-54-R
CNA 47294 RBH-1 RF TRANSFORMER: SECOND RF TRANSFORMER. FREQ RANGE: 3.9 TO 8.0 MC.	10/5/42 JULY 43	CHA:SA-521	CNA:E-483	CNA 47302 RBH-1 RF TRANSFORMER: USED WITH HIGH FREQUENCY OSCILLATOR. FREQ RANGE: 0.6 TO 1.2 MC.	10/5/42 JULY 43	CHA:SA-529	CNA:E-493	CNA 47310 RAO-2 RF TRANSFORMER: FREQ RANGE: 14.0 TO 30 MC. PRI/SEC #1/SEC #2: 9X/10 1/3/49 TURNS. #36 DS/#22E/#33E WIRE. 0.7±10%/0.04±10%/5.8±10% OHMS DC RESISTANCE. INCLUDES A TUNABLE CAPACITOR.	12/29/42 JULY 43	COIL TYPE A-3	CHA:E-161 REV 0	SA-54-S
CNA 47295 RBH-1 RF TRANSFORMER: SECOND RF TRANSFORMER. FREQ RANGE: 8.0 TO 16.0 MC.	10/5/42 JULY 43	CHA:SA-522	CNA:E-479	CHA 47303 RBH-1 RF TRANSFORMER: USED WITH HIGH FREQUENCY OSCILLATOR. FREQ RANGE: 1.7 TO 3.9 MC.	10/5/42 JULY 43	CHA:SA-530	CNA:E-489	CHA 47311 RAO-2 RF TRANSFORMER: FREQ RANGE: 14.0 TO 30.0 MC. PRI/SEC: 2X/5X TURNS. #30 DS/#22E WIRE. 0.05±10%/0.02±10% OHMS DC RESISTANCE. INCLUDES TWO CAPACITORS ONE OF WHICH IS TUNABLE.	12/29/42 JULY 43	COIL TYPE A-4	CHA:E-162 REV 0	SA-54-T
CNA 47296 RBH-1 RF TRANSFORMER: USED WITH FIRST DETECTOR. FREQ RANGE: 0.3 TO 0.6 MC.	10/5/42 JULY 43	CHA:SA-523	CNA:E-496	CNA 47304 RBH-1 RF TRANSFORMER: USED WITH HIGH FREQUENCY OSCILLATOR. FREQ RANGE: 3.9 TO 8.0 MC.	10/5/42 JULY 43	CHA:SA-531	CNA:E-485	CNA 47312 RAO-2 RF TRANSFORMER: FREQ RANGE: 6.4 TO 14.0 MC. PRI/SEC: 2 4/5/9X TURNS. #28DS/#24E WIRE. 0.2±10%/0.09±10% OHMS DC RESISTANCE. INCLUDES TUNABLE CAPACITOR.	12/29/42 JULY 43	COIL TYPE: D-1	CHA:E-163 REV 0	SA-54-M
CNA 47297 RBH-1 RF TRANSFORMER: USED WITH FIRST DETECTOR. FREQ RANGE: 0.6 TO 1.2 MC.	10/5/42 JULY 43	CHA:SA-524	CNA:E-492	CNA 47305 RBH-1 RF TRANSFORMER: USED WITH HIGH FREQUENCY OSCILLATOR. FREQ RANGE: 8.0 TO 16.0 MC.	10/5/42 JULY 43	CHA:SA-532	CNA:E-481	CHA 47313 RAO-2 RF TRANSFORMER: FREQ RANGE: 6.4 TO 14.0 MC. PRI/SEC: 73/9 2/5 TURNS. #36DS/#24E WIRE. 3.4±10%/0.1±10% OHMS DC RESISTANCE. INCLUDES TUNABLE CAPACITOR.	12/29/42 JULY 43	COIL TYPE: B-2	CHA:E-164 REV 0	SA-54-N
CNA 47298 RBH-1 RF TRANSFORMER: USED WITH FIRST DETECTOR. FREQ RANGE: 1.7 TO 3.9 MC.	10/5/42 JULY 43	CHA:SA-525	CNA:E-488	COL 47306 TCH-1 ANTENNA LOADING COIL ANTENNA LOADING FOR USE WITH SHORT ANTENNA.	10/13/42 JULY 43	COL:19CU-1		CNA 47314 RAO-2 RF TRANSFORMER: FREQ RANGE: 6.4 TO 14.0 MC. PRI/SEC: 13/9-2/5 TURNS. #36DS/#24E WIRE. 3.4±10%/0.1±10% OHMS DC RESISTANCE. INCLUDES TUNABLE CAPACITOR.	12/29/42 JULY 43	COIL TYPE: B-3	CHA:E-165 REV 0	SA-54-O
CNA 47299 RBH-1 RF TRANSFORMER: USED WITH FIRST DETECTOR. FREQ RANGE: 3.9 TO 8.0 MC.	10/5/42 JULY 43	CHA:SA-526	CNA:E-484	CGI 47307 OAA-2 R-F. CHOKER: 16 TURNS. ENAMEL COPPER WIRE #18 GA. WOUND ON 1 1/8" LONG X 3/4" DIA FORM. 1" THREADS. 16 THREADS PER INCH. INDUCTANCE AT 500 KC IS 0.05 MICROHENRIES AND DC RESISTANCE IS 0.0175 OHMS.	12/22/42 JULY 43	CGI:SA00-2919		CNA 47315 RAO-2 RF TRANSFORMER: FREQ RANGE: 6.4 TO 14.0 MC. PRI/SEC: 2 3/5:8 3/4 TURNS. #28DS/#24E WIRE. 0.04±10%/0.03±10% OHMS DC RESISTANCE. INCLUDES TWO CAPACITORS ONE OF WHICH IS TUNABLE.	12/29/42 JULY 43	COIL TYPE: B-4	CHA:E-166 REV 0	SA-54-P
CNA 47300 RBH-1 RF TRANSFORMER: USED WITH FIRST DETECTOR. FREQ RANGE: 8.0 TO 16.0 MC.	10/5/42 JULY 43	CHA:SA-527	CNA:E-480	CNA 47308 RAO-2 RF TRANSFORMER: FREQ RANGE: 14.0 TO 30.0 MC. PRI/SEC: 3 7/8:5 7/8 TURNS. #30DS/#22E WIRE. 0.166±10%/0.02±10% OHMS DC RESISTANCE. INCLUDES TWO CAPACITORS ONE OF WHICH IS TUNABLE.	12/29/42 JULY 43	COIL TYPE:A-1	CHA:E-159 REV 0	CNA 47316 RAO-2 RF TRANSFORMER: FREQ RANGE: 2.8 TO 6.4 MC. PRI/SEC: 7/22 3/4 TURNS. #28 DS/#23E WIRE. 0.3±10%/0.4±10% OHMS DC RESISTANCE. INCLUDES TUNABLE CAPACITOR.	12/29/42 JULY 43	COIL TYPE:C-1	CHA:E-167 REV 0	SA-54-I

NAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION	NAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION	NAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION
CNA 47317	RAO-2	RF TRANSFORMER: FREQ RANGE: 2.8 TO 6.4 MC. PRI/SEC: 252/22 3/4 TURNS. #36SS/#28E WIRE. 13.2 ± 10%/0.4±10% OHMS DC RESISTANCE. IN- CLUDES TUNABLE CAPACITOR.	CNA 47325	RAO-2	R.F. TRANSFORMER: FREQ RANGE: 0.54 TO 1.3MC. PRI/SEC: 39/130 TURNS, #30DS/#10/41 LITZ ESS WIRE. 0.7±10%/3.8 +10% OHMS DC RESISTANCE. INCLUDES TUNABLE CAPACITOR.	CW: 47331	MARK 8	FILTER CHOKE COIL: TWO SECTION CT. DUOLATERAL AIR CORE WOUND ON CERAMIC CORE. 280 TURNS OF #40 GAUGE E STRANDED DS WIRE. NOMINAL INDUCT- TANCE 1 MILLIHENRY. DC RESISTANCE IS 5.0 OHMS. 8 MA AT 200 V DC. OR 150 V AC AT 100-300 KC. 300 V TO GROUND. 2/4/43 CW:KS-B936 ESA:643241 MAY 43 ISSUE 1
12/29/42	COIL TYPE: C-2	CNA:E-168 REV 0	12/29/42	COIL TYPE:E-2	CNA:E-176	2/4/43	CW:KS-B936	ESA:643241
JULY 43	SA-54-J		MAY 43	SA-54-B	REV 0.	MAY 43	ISSUE 1	
CNA 47318	RAO-2	RF TRANSFORMER: FREQ RANGE: 2.8 TO 6.4 MC. PRI/SEC: 252/22 3/4 TURNS. #36SS/#28E WIRE. 13.2±10%/0.4±10% OHMS DC RESISTANCE. INCLUDES TUNABLE CAPACITOR.	CNA 47326	RAO-2	R.F. TRANSFORMER: FREQ RANGE: 0.54 TO 1.3MC. PRI/SEC: 39/130 TURNS. #30DS/#10/41 LITZ ESS WIRE 0.7±10%/3.8±10% OHMS DC RESISTANCE. INCLUDES TUNABLE CAPACITOR.	CW: 47332	MARK 9	R.F. CHOKE: 4.0 MILLIHENRIES AT 3.0KC AND 2.0MA. TWO OHMS DC RESISTANCE WITH 832 TURNS OF #20E WIRE. CONSISTS OF A SOLENOIDAL TYPE WINDING ON A MAGNETIC CORE POITED IN A HERMETICALLY SEALED RECTANGULAR METAL CAN. 2/5/43 MARK 9 ESO-638315 MAY 43 CW:D-162305 ISSUE 1
12/29/42	COIL TYPE: C-3	CNA:E-169	12/29/42	COIL TYPE: E-3	CNA:E-177	2/5/43	MARK 9	ESO-638315
JULY 43	SA-54-K	REV 0	MAY 43	SA-54-C	REV 0	MAY 43	CW:D-162305	ISSUE 1
CNA 47319	RAO-2	RF TRANSFORMER: FREQ RANGE: 2.8 TO 6.4 MC. PRI/SEC: 5 3/4:20 TURNS. #28E/#28E WIRE. 0.1±10%/ 0.4±10% OHMS DC RESISTANCE. INCLUDES TWO CAPACITORS ONE OF WHICH IS TUNABLE.	CNA 47327	RAO-2	R.F. TRANSFORMER: FREQ RANGE: 0.54 TO 1.3 MC. PRI/SEC: 39/92 TURNS. #30DS/#10/41 LITZ ESS WIRE. 0.6±10%/2.2±10% OHMS DC RESISTANCE. INCLUDES THREE CAPACITORS TWO OF WHICH ARE TUNABLE.	CFX 47333	PD-1, PH.PJ	INDUCTANCE COIL: INDUCTOR EQUALIZER. 100MH, 1326 TURNS #29E WIRE. 27.5 OHMS ± 10% DC RESISTANCE CORE: 1 3/4" POWDERED IRON. COIL RATED 5 VOLTS AC.
12/29/42	COIL TYPE:C-4	CNA:E-170 REV 0	12/29/42	COIL TYPE:E-4	CNA:E-178	2/5/43	CCS:6-105	CCS:B-654
JULY 43	SA-54-L		MAY 43	SA-54-O	REV 0	AUG. 43	CFX:11329	REV 0
CNA 47320	RAO-2	RF TRANSFORMER: FREQ RANGE: 1.3 TO 2.8MC. PRI/SECP 23/53 TURNS. #30DS/#10-41ESS LITZ WIRE. 0.4± 10%/1.4±10% OHMS DC RESISTANCE. INCLUDES TUNABLE CAPACITOR.	CW: 47328	MARK 10	RF CHOKE: 110 MILLIHENRIES AT 1800CPS. 440 OHMS DC RESISTANCE, 2870 TURNS, OF #39 AWG ES WIRE. MAXIMUM SAFE CURRENT IS 60.0MA. DUOLATERAL WOUND ON PHENOLIC SPOOL.	CFT 47334	DAK-1	GONIOMETER: FREQUENCY RANGE: 250 TO 1500KC. SIMILAR TO CFT-47222 EXCEPT IS SMALLER IN SIZE AND DIFFERENT METHOD OF MOUNTING.
12/29/42	COIL TYPE:D-1	CNA:E-171 REV 0	2/4/43	CW:200Y	ESA:632036-5	2/27/43		
JULY 43	SA-54-E		MAY 43		ISSUE 3	MAY 43		
CNA 47321	RAO-2	RF TRANSFORMER: FREQ RANGE: 1.3 TO 2.8 MC. PRI/SEC: 353/ 54 TURNS. #36SS/#10/41 LITZ ESS WIRE, 26.0±10%/1.4±10% OHMS DC RESISTANCE. INCLUDES TUNABLE CAPACITOR.	CW: 47329	MARK 10	R.F. CHOKE: 4.55 MILLIHENRIES AT 1800CPS. 27.0 OHMS DC RESISTANCE, 540 TURNS OF #34 AWG ES WIRE. MAXIMUM SAFE CURRENT IS 200.0MA. DUOLATERAL WOUND ON PHENOLIC SPOOL.	CG: 47335	DAS	ANTENNA LOADING COIL: TO MATCH AN ANTENNA OF LESS THAN ONE QUATER WAVE LENGTH IN PHYSICAL LENGTH TO A 50 OHM LINE.
12/29/42	COIL TYPE:D-2	CNA:E-172 REV 0	2/4/43	CW:200BB	ESA:6R2036-6	4/12/43		
JULY 43	SA-54-F		MAY 43		ISSUE 3	MAY 43		
CNA 47322	RAO-2	RF TRANSFORMER: FREQ RANGE: 1.3 TO 2.8 MC. PRI/SEC:353/ 54 TURNS. #36SS/#10/41 LITZ ESS WIRE. 26.0±10%/1.4±10% OHMS DC RESISTANCE. INCLUDES TUNABLE CAPACITOR.	CW: 47330	MARK 10	R.F. CHOKE: 11.4 MILLIHENRIES ±1% AT 80K AND 0 AMP. 72.0 OHMS DC RESISTANCE. 850 TURNS OF #35GA. ES WIRE. MAXIMUM SAFE CURRENT 100MA. DUOLATERAL WOUND ON CERAMIC SPOOL	RW- 47336	CHELTFHAM	IMPEDANCE MATCHING TRANSFORMER. FOR MATCHING A 700 OHM RHOMBIC ANTENNA TO A 70 OHM COAXIAL LINE.
12/29/42	COIL TYPE:D-3	CNA:E-173 REV 0	2/4/43	CW:KS-8709	ESA:642116	6/10/43		RH47F191
JULY 43	SA-54-G		MAY 43		ISSUE 1	JUNE 43		
CNA 47323	RAO-2	R.F. TRANSFORMER: FREQ RANGE: 1.3 TO 2.8 MC. PRI/SEC: 7-1/12:48 1/4 TURNS. #28E/#28E WIRE, 0.15±10%/0.9±10% OHMS DC RESISTANCE. INCLUDES TWO CAPACITORS ONE OF WHICH IS TUNABLE.	CW- 47330-A	HK 13 MOD.0	RETARDATION COIL: RATED 11.4 MILLIHENRIES AT 80 KC AND 0 AMPS 72 OHMS DC RES. CONSISTS OF 830 TURNS OF #35 GAES WIRE MAX SAFE CURRENT. 100 MA. DUOLATERAL WOUND ON CERAMIC SPOOL. SAME AS -47330 EXCEPT IS NOT WAX IMPREGNATED AND DIP SEAL TREATMENT IS 5/26/45 KS-13027 ESL-638210 JUN. 45 ISS 2	CG- 47337	SC-3	RF CHOKE: ONE WINDING: DC RESISTANCE: 221 OHMS; 1975 TURNS #38.S. WIRE. ADJUSTABLE IN- DUCTANCE RANGE: 49-73 1/2 MH.
12/29/42	COIL TYPE: D-4	CNA:E-174	5/26/45	KS-13027	ESL-638210	5/11/43	GE:K-47J75	GE:K-47J75-1
MAY 43	SA-54-H	REV 0	JUN. 45		ISS 2	JUNE 43		REV 0
CNA 47324	RAO-2	R.F. TRANSFORMER: FREQ RANGE: 0.54 TO 1.3MC. PRI/SEC: 39/ 129 TURNS. #30DS/#10/41 LITZ ESS WIRE. 0.7±10%/3.2±10% OHMS DC RESISTANCE. INCLUDES TUNABLE CAPACITOR.	NOT APPLIED.			6/3/43	CW:163000	CW:ESA-645287
12/29/42	COIL TYPE:E-1	CNA:E-175				SEPT 43		ISSUE 1
MAY 43	SA-54-A	REV 0						

3.47-16

Class 47—R-F Transformers—Inductors—Chokes

NAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION	NAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION	NAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION
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CM-47339 QBF  
 TRANSFORMER-RF:  
 FREQ RANGE: 150 TO 180KC. IMPEDANCE  
 RATIO IS 30,000/80 FOR TERMS 5-6/1-2,  
 3-4 IN PARALLEL. WINDINGS 1-2/3-4/5-6:  
 16/16/574 TURNS. 28E/28E/36DN WIRE,  
 0.470.4785.0 OHMS DC RESISTANCE.  
 6/3/43 CM:D-163115 CM:ESA-645914  
 MAY 45 CAQB-SH3548 ISSUE 2

CEJ47346 TDU  
 RF COIL:  
 FREQ RANGE 9 TO 20MC. USED IN FIRST  
 AMPLIFIER. FREQ VARIED BY SHORTING OUT  
 TURNS.  
 7/2/43 CRV:MI-7265-C  
 SEPT 43 COIL 3L4-3

CEJ47354 TDU  
 RF COIL:  
 FREQ 9.0 TO 12.0MC. USED IN THIRD  
 (POWER) AMPLIFIER. FREQ VARIED BY SHORT-  
 ING OUT TURNS.  
 7/2/43 CRV:MI-7265-K  
 SEPT 43 COIL 4L1-3

CNA47340 RAS-1 (MOD)\*  
 IF TRANSFORMER:  
 REPLACES T-101 AND T-102 IF TRANSFORMERS  
 RAS-1 RECEIVER NAVY TYPE CNA-46080 FOR  
 WIDE BAND OPERATION.  
 \*NXSS-24547  
 6/17/43 SA-1303 F-319  
 NOV. 43 SUB 2

CEJ47347 TDU  
 RF COIL:  
 FREQ RANGE 19 TO 22MC. USED IN FIRST  
 AMPLIFIER. FREQ VARIED BY SHORTING OUT  
 TURNS.  
 7/2/43 CRV:MI-7265-D  
 SEPT 43 COIL 3L4-4

CEJ47355 TDU  
 RF COIL:  
 FREQ RANGE 11.8 TO 18.0MC. USED IN THIRD  
 (POWER) AMPLIFIER. FREQ VARIED BY SHORT-  
 ING OUT TURNS.  
 7/2/43 CRV:MI-7265-L  
 SEPT 43 COIL 4L1-4

CNA47341 \*RAS-1(MOD)  
 IF TRANSFORMER:  
 REPLACES T-104 IF TRANSFORMER OF RAS-1  
 RECEIVER NAVY TYPE CNA-46080 FOR WIDE  
 BAND OPERATION.  
 \*NXSS-24547  
 6/17/43 SA-1303 F-318  
 NOV. 43 SUB 2

CEJ47348 TDU  
 RF COIL:  
 FREQ RANGE 2 TO 5MC. USED IN SECOND  
 AMPLIFIER. FREQ VARIED BY SHORTING OUT  
 TURNS.  
 7/2/43 CRV:MI-7265-E  
 SEPT 43 COIL 3L7-1

CEJ47356 TDU  
 RF COIL:  
 FREQ RANGE 18.0 TO 20.0MC. USED IN THIRD  
 (POWER) AMPLIFIER.  
 7/2/43 CRV:MI-7265-M  
 SEPT 43 COIL 4L1-5

CFE47342 DAS-1  
 ANTENNA LOADING COIL:  
 6/24/43 CFE:35.389  
 SEPT 43

CEJ47349 TDU  
 RF COIL:  
 FREQ RANGE 5 TO 10MC. USED IN SECOND  
 AMPLIFIER. FREQ VARIED BY SHORTING OUT  
 TURNS.  
 7/2/43 CRV:MI-7265-F  
 SEPT 43 COIL 3L7-2

CEJ47357 TDU  
 RF COIL:  
 FREQ RANGE 20 TO 22MC. USED IN THIRD  
 (POWER) AMPLIFIER.  
 7/2/43 CRV:MI-7265-N  
 SEPT 43 COIL 4L1-6

CFE-47342-A DAS-3  
 ANTENNA COUPLING UNIT  
 SAME AS NAVY TYPE -47342 EXCEPT THAT  
 COIL BOX HAS A STUFFING TUBE AT ONE END  
 INSTEAD OF A PORCELAIN ENTERING INSULA-  
 TOR.  
 10/4/44 300.303 CFE:300.303-A  
 JAN. 45 95.6840295.686C

CEJ47350 TDU  
 RF COIL:  
 FREQ RANGE 10 TO 18MC. USED IN SECOND  
 AMPLIFIER. FREQ VARIED BY SHORTING OUT  
 TURNS.  
 7/2/43 CRV:MI-7265-G  
 SEPT 43 COIL 3L7-3

CEJ47358 TDU  
 PLATE CHOKE:  
 FOR OPERATION FROM 2 TO 18MC.  
 7/2/43 CRV:MI-7265-O  
 SEPT 43

CEJ47343 TDU  
 COUPLING UNIT:  
 COUPLES MASTER OSCILLATOR NAVY TYPE  
 CEJ-35037 WITH NAVY TYPE CEJ-52319  
 EXCITER AMPLIFIER UNIT. CONSISTS OF A  
 SET OF RF COILS AND A TUNING CAPACITOR.  
 7/2/43 CRV:MI-19442  
 SEPT 43

CEJ47351 TDU  
 RF COIL:  
 FREQ RANGE 18 TO 22MC. USED IN SECOND  
 AMPLIFIER. FREQ VARIED BY SHORTING OUT  
 TURNS.  
 7/2/43 CRV:MI-7265-H  
 SEPT 43 COIL 3L7-4

CEJ47359 TDU  
 PLATE CHOKE:  
 FOR OPERATION FROM 18 TO 22MC.  
 7/2/43 CRV:MI-7265-P  
 SEPT 43

CEJ47344 TDU  
 RF COIL:  
 FREQ RANGE 2 TO 6 MC. USED IN FIRST  
 AMPLIFIER. FREQ VARIED BY SHORTING OUT  
 TURNS.  
 7/2/43 CRV:MI-7265-A  
 SEPT 43 COIL 3L4-1

CEJ47352 TDU  
 RF COIL:  
 FREQ RANGE 1.8 TO 5.2MC. USED IN THIRD  
 (POWER) AMPLIFIER. FREQ VARIED BY SHORT-  
 ING OUT TURNS.  
 7/2/43 CRV:MI-7265-I  
 SEPT 43 COIL 4L1-1

CRV47360 \*GEN USE  
 TRANSFORMER-FOCUS COIL:  
 TWO SOLDER TYPE TERMINALS. CONSISTS OF  
 COIL OF 39000 TURNS OF 0.004E WIRE,  
 17000±10% OHMS DC RATED 300V, 0.02 AMPS  
 (APPROX). COIL MOUNTED IN CASE. INDUC-  
 \*FIRST PURCHASE: NXSS-26190 CDU-50ACU,  
 CDU-55ADP  
 7/27/43 CRV:901630-501 CRV:K-901630-  
 SEPT 43 501 SUB 1

CEJ47345 TDU  
 RF COIL:  
 FREQ RANGE 5 TO 12MC. USED IN FIRST  
 AMPLIFIER. FREQ VARIED BY SHORTING OUT  
 TURNS.  
 7/2/43 CRV:MI-7265-B  
 SEPT 43 COIL 3L4-2

CEJ47353 TDU  
 RF COIL:  
 FREQ RANGE 5.0 TO 10.0MC. USED IN THIRD  
 (POWER) AMPLIFIER. FREQ VARIED BY SHORT-  
 ING OUT TURNS.  
 7/2/43 CRV:MI-7265-J  
 SEPT 43 COIL 4L1-2

CRV47360  
 TANCE AT 1000 CY 300 HENRYS ±20%. TEST  
 VOLTAGE TO CASE 1000 VOLTS.

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Class 47—R-F Transformers—Inductors—Chokes

3.47-17

NAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION	NAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION	NAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION
CFT 47361 YL			CAI-47366 RDE			CFT-47372 DAK-2		
RF CHOKE: RATED 4.1±0.1 MILLIHENRIES AT 1000 CY AND 50MADC. 270 TURNS OF #26 B & S GAUGE DCC WIRE WITH 8 OHMS DC RESISTANCE. RATED 5 WATTS MAXIMUM.			COIL SET (5.5 TO 8 MC) CONSISTS OF 3 PLUG-IN COIL ASSEMBLIES (1) ANTENNA COIL (2) PLATE INDUCTANCE COIL (3) TUNED GRID COIL. THESE COIL ASSEMBLIES ARE USED IN NAVY TYPE CCI- 46219 RADIO RECEIVER FOR OPERATION ON 5.5 TO 8.0 MC. USES A 50 MHF SILVER 9/17/43 NOV. 43			GONIOMETER FREQUENCY RANGE: 250 TO 1500 KC ELECTRI- CALLY IDENTICAL TO CFT-47334, BUT HAS DIFFERENT PHYSICAL DIMENSIONS.		
7/29/43 CFT:RA-1632-1 SEPT 43		CFT:RA-1602-1 REV A				10/19/43 NOV. 43		CFT:RF-1699-2 ISSUE A
COM-47362 MK-12			CAI-47366 MICA OTHERWISE SAME AS CAI-47365 WHICH USES A 125 MHF CAPACITOR.			CRP-47373 QFG		
RF CHOKE FREQ BAND IS 2 1/2 METERS, 2.0 MICRO- HENRIES AND 0.19 OHMS DC RESISTANCE. RATED 1.0 AMP.						CHOKE 8.0 HENRIES AT 120 CPS. AT 60V. & 70 MA. DC: 312 OHMS DC RESISTANCE WITH 3200 1/2 TURNS OF #34 E WIRE, VOLTAGE TO GROUND, 300V DC.		
*CALG:-A91 9/2/43 Z-0 MAY 45		CM:DA-10174-1 ISSUE 1 *				10/21/43 U7886 A NOV. 43		CRP:DL74-999 SUB 0
CAI-47363 RDE			CNM-47367 CRV-66096			CM-47374 MK-22		
COIL SET (2.0 TO 2.8MC) CONSISTS OF 3 PLUS-IN COIL ASSEMBLIES (1) ANTENNA COIL (2) PLATE INDUCTANCE COIL (3) TUNED GRID COIL. THESE COIL ASSEMBLIES ARE USED IN NAVY TYPE CCI- 46219 RADIO RECEIVER FOR OPERATION ON 2 TO 2.8 MC. USES A 125 MHF SILVER MICA 9/17/43 NOV. 43			COUPLING UNIT FOR COUPLING CRV-66097 LOOP ANTENNA TO A (RAK, ETC) RECEIVER.			TRANSFORMER-DEFLECTION COIL CONSISTS OF FOUR WINDINGS, TERMINALS 1-2: 1584 TURNS OF #35 EN COTTON WIRE WITH 150 OHMS DC RESISTANCE AND 0.115 HENRIES INDUCTANCE. TERMINALS 3-4 AND 5-6 EACH WITH 792 TURNS OF NUMBER 36 EN COTTON WIRE WITH 90 OHMS DC RESISTANCE AND 11/2/43 D-163785 NOV. 43		CM:ESA-656611 ISSUE 2
		CAI-47363	9/20/43 CRV:MI-8542 NOV. 43		CRV:M-427706 SUB 1			
		OTHERWISE SAME AS CAI-47364 WHICH USES A 50 MHF CAPACITOR.	CG-47368 X-TDP-1			CM-47374 0.057 HENRIES INDUCTANCE. TERMINALS 7-8: 1584 TURNS #36 WIRE WITH 210 OHMS DC RES & 0.110 HENRIES INDUCTANCE.		
			9/28/43 4MY69A1 AUG. 44		CG:P-7766572 REV 0			
			CYJ-47369 TDP			CM-47375 MK-22		
			ANTENNA TUNING UNIT INCLUDES DUMMY LOAD AND ANTENNA MATCHING COILS AND RF AMMETER.			TRANSFORMER-FOCUS COIL CONSISTS OF THREE WINDINGS, TERMINALS 1-2: 19100 TURNS OF #37 E WIRE WITH 6000 OHMS DC RESISTANCE RATED 30 MA. TERMINALS 3-4: 2500 TURNS OF #38 E WIRE WITH 135 OHMS DC RESISTANCE RATED 40 MA. TERMINAL 5-6: 2500 TURNS OF #39 E WIRE WITH 135 11/2/43 D-166210 NOV. 43		CM:ESA-656608 ISSUE 1
			10/6/43 NOV. 43					
			COL-47370 TCZ			CM-47375 OHMS DC RESISTANCE RATED 40 MA.		
			ANTENNA LOADING COIL CONSISTS OF AN L SECTION WITH 480 TO 3000 MICROHENRY VARIOMETER AS SERIES ELEMENT AND A 0.0007 MFD, 2500V DC WORK- ING CAPACITOR AS THE SHUNT ELEMENT. INCLUDES RF AMMETER IN SERIES WITH CAPACITOR TUNING PROVISIONS ON FRONT 10/12/43 180H-3 NOV. 43		COL:K-1107C			
			PANEL.		COL47370			
			CAI-47365 RDE			CM-47376 QBF		
COIL SET (4.0 TO 5.5 MC) CONSISTS OF 3 PLUS-IN COIL ASSEMBLIES (1) ANTENNA COIL (2) PLATE INDUCTANCE COIL (3) TUNED GRID COIL. THESE COIL ASSEMBLIES ARE USED IN NAVY TYPE CCI- 46219 RADIO RECEIVER FOR OPERATION ON 4.0 TO 5.5 MC. USES A 125 MHF SILVER 9/17/43 NOV. 43						R. F. TRANSFORMER CROSS WOUND TRANSFORMER WOUND ON A FIBRE CORE TUBE. PRIMARY IS CONNECTED IN SERIES WITH CROSS WOUND INDUCTANCE ALSO WOUND ON A FIBRE CORE TUBE. AND A WIRE WOUND RESISTOR, DESIGNED TO PASS 2 KC BAND IN 10KC TO 30KC RANGE WHEN TUNED 11/20/43 D-163115 NOV. 43		CM:ESA-657750 ISSUE 1
			CAI-47365			CM-47376		
MICA OTHERWISE SAME AS CAI-47366 WHICH USES A 50 MHF CAPACITOR.			CM-47371 MK-12			WITH EXTERNAL VARIABLE CAPACITOR. SECONDARY TAPPED 300Ω ONE SECTION, 700 OHM SECOND SECTION.		
			R.F. CHOKE OPERATES AT 30 MEGACYCLES AT ABOUT 0.5 VOLTS WITH 5 MA. RATED 1/2 WATT, IN- DUCTANCE OF 7 MICROHENRIES, DC RE- SISTANCE OF 0.6 OHMS. CONSISTS OF 48 TURNS #32 ENAMEL WIRE ON BAKELITE CORE 1/4" X 3/4" LONG. 10/15/43 BA 303520 NOV. 43		CM:BA-303520 ISSUE 1			

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CONFIDENTIAL

NAVSHIPS 900,109

NAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION	NAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION	NAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION
CM-47377 QBF R. F. TRANSFORMER TOROIDAL TYPE WITH MOLYBDENUM PERMALLOY CORE AND CAPACITORS CONNECTED ACROSS SECONDARY. IMPEDANCE RATIO 80 OHMS INPUT TO 100,000 OHMS OUTPUT. FREQUENCY RANGE 21 TO 27 KC.	11/20/43 D-163116 NOV. 43	CM:ESA-655254 ISSUE 2	47382 439 KC. INDUCTANCE: 1160-2500 MICROHENRIES. DC. RESISTANCE 13.6 OHMS (FOR EACH COIL).			CTR-47388 DAK-2 DAH-2 REACTOR DUAL: EACH SECTION RATED: 10 HENRIES AT 120 CYCLES PER SECOND, WITH 0.15 AMPS. DC PEAK VOLTAGE TO GROUND 350 VOLTS. 2825 TURNS OF #30 WIRE. 150 OHMS ±10% DC RESISTANCE.	7/13/44 CTR:8190-A AUG. 44	CFT:F-39306-1 ISS L
CML-47378 QBF R. F. AUTO-TRANSFORMER SOLENOIDAL TYPE. AIR CORE. FREQUENCY RANGE 20 TO 30 KC.	11/20/43 CM:KS-8838 NOV. 43	CM:ESA-655256 ISSUE 2	-47383 RD F TRANSFORMER SET: (421 TO 551 KC) CONSISTS OF 3 PLUG IN TRANSFORMERS (1) ANTENNA TRANSFORMER (2) 1ST. RF TRANSFORMER. (3) 2ND. RF TRANSFORMER. USED WITH TYPE -46242 RADIO RECEIVER FOR FREQUENCY RANGE OF 421 TO 561 KC. ANTENNA	5/1/44 AUG. 44	630-045, REV A. 630-046 REV A CCI:	CFT-47388-A DAK-2. DAH-2 REACTOR DUAL: EACH SECTION RATED 10 HENRIES AT 120 CYCLES PER SECOND, WITH 0.150 AMPS. DC. PEAK VOLTAGE TO GROUND 350 VOLTS 2825 TURNS OF #30 WIRE. 150 OHMS ±10% DC RESISTANCE. SAME AS -47388 EXCEPT TERMINALS ARE HIGHER AND HAVE BUSHING.	7/13/44 CFT:366PR AUG. 44	CFT:RF-2624-1 ISS A
CFW 47379 QFG OSCILLATOR COIL 60 KC. CONSISTS OF 1355 TURNS OF .0119 WIRE TAPPED AT 457 AND 672 TURNS. MAX INDUCTANCE 35.82 MILIHENRIES.	12/9/43 12757 FEB. 44	12757 REV A	-47383 COIL INDUCTANCE: 759-1490 MICROHENRIES; R.F. COILS INDUCTANCE 690-1490 MICROHENRIES. O.C. RESISTANCE EACH COIL 12.3 OHMS.			CM-47389 MK 22 R.F. RETARDATION COIL: RATED 500 MICROHENRIES ±8% AT BETWEEN 500 CPS AND 5000 CPS. MAX. DC RES. AT 70°F 2.6 OHMS. 242 TURNS APPROX. MAX. #27 DN WIRE WOUND IN 3 SECTIONS OF 76 EXACT AND 90 APPROX. MAX. TURNS. DUOLATERAL AIR CORE COIL WOUND ON	7/15/44 KS-8915 AUG. 44	CM:KS-8915 ISS 1 APP 1
47380 RDF TRANSFORMER SET (196) TO 255 KC): CONSISTS OF 3 PLUG-IN TRANSFORMERS (1) ANTENNA TRANSFORMER (2) FIRST RF TRANSFORMER (3) SECOND RF TRANSFORMER. USED WITH TYPE -46242 RADIO RECEIVER FOR FREQ. RANGE OF 196 TO 265KC *630-040, REV A. (CCI)	1/15/44 AUG. 44	630-039, REV A *SEE ABOVE	CHM-47384 MAE-1 R.F. CHOKE: 150 MH 100 MA 520Ω DC. WOUND WITH #398 4SE SERIES MOULDED POWDER IRON SLUG 3/8" OD X 3/16" ID X 1/2" LONG.	5/10/44 861 AUG. 44	(CKV)A-63223 REV 0	CM-47389 MK 31 R.F. RETARDATION COIL: RATED 2.17 MAXIMUM. 2.08 MINIMUM MILLI-HENRIES AT 1.8 KC. MAXIMUM DC RESISTANCE AT 70°F IS 21 OHMS. 375 TURNS #34CS WIRE. SINGLE SECTION COIL. DUOLATERALLY WOUND ON CORE OF INSULATING MATERIAL.		CK-47339 CERAMIC CORE.
BASE TO FIT OCTAL SOCKET. INDUCTANCE 1160-2500 MICROHENRIES. DC RESISTANCE 13.6 OHMS (FOR EACH COIL)			CZC-47385 RCK R.F. CHOKE: 2 MICROHENRIES ±10% AT 1000 CYCLES NO DC. DC RES. 0.15Ω 47 TURNS #26 SINGLE SILK-ENAMEL WIRE. SOLENOID WINDING ON 1/4" DIAMETER X 1 1/4" LONG BLACK FBE PHENOLIC ROD.	7/7/44 8104 AUG. 44	CZC:8104 ISS 2	CM-47390 MK 31 R.F. RETARDATION COIL: RATED 2.17 MAXIMUM. 2.08 MINIMUM MILLI-HENRIES AT 1.8 KC. MAXIMUM DC RESISTANCE AT 70°F IS 21 OHMS. 375 TURNS #34CS WIRE. SINGLE SECTION COIL. DUOLATERALLY WOUND ON CORE OF INSULATING MATERIAL.	7/17/44 CM:D-165771 AUG. 44	CM:BA-101650 ISS 1
47381 RDF TRANSFORMER SET (245 TO 337 KC): CONSISTS OF 3 PLUG-IN TRANSFORMERS (1) ANTENNA TRANSFORMER (2) FIRST RF TRANSFORMER (3) SECOND RF TRANSFORMER. USED WITH TYPE -46242 RADIO RECEIVER FOR FREQUENCY RANGE OF 240 TO *630-042, REV A (CCI)	1/15/44 AUG. 44	630-041, REV A	CZC-47386 RCK R.F. CHOKE: CONSISTS OF 2 SECTIONS. BOTH WOUND ON 3/4" O.D. X 5/8" I.D. X 4 1/2" LONG BLACK PBE PHENOLIC TUBING. SECTION A: 620 MICROHENRIES ±10% AT 1000 CYCLES NO DC. DC RES. 0.7 OHMS -3 PI -49 TURNS #22SCE EACH PI. SECTION B: 17 MICROHENRIES	7/7/44 8103 AUG. 44	CZC:8103 ISS 2	CAQK-47391 DAS-3 OSCILLATOR COIL ASSEMBLY: CONSISTS OF 4 SLUG TUNED COILS EACH RATED 2.65-3.4 MC. Q EQUALS 60-50. CAPACITY 21 MHF.	7/20/44 300.279 AUG. 44	300.279 ALT 0
340 KC. INDUCTANCE: 1160-2500 MICROHENRIES. DC. RESISTANCE 13.6 OHMS (FOR EACH COIL)			CZC-47386 ±10% AT 1000 CYCLES NO DC. DC RES. 0.15 OHMS-SOLENOID WINDING. 40 TURNS OF #22 SC ENAMEL WIRE.			CAQK-47392 DAS-3 ANTENNA COIL ASSEMBLY: CONSISTS OF 4 SLUG TUNED COILS. PRIMARY INPUT IMPEDANCE 50Ω. SECONDARY HAS CAPACITY OF 38 MHF; 1.61-2.41 MC. Q EQUALS 40-50.	7/20/44 300.280 AUG. 44	300.280 ALT 0
47382 RDF TRANSFORMER SET (323 TO 439KC): CONSISTS OF 3 PLUG-IN TRANSFORMER (1) ANTENNA TRANSFORMER (2) FIRST RF TRANSFORMER (3) SECOND RF TRANSFORMER. USED WITH TYPE -46242 RADIO RECEIVER FOR FREQUENCY RANGE OF 323 TO *630-044, REV A. (CCI)	1/15/44 AUG. 44	630-045, REV A *SEE ABOVE	CGQ-47387 TBX-8 R.F. COIL: 91-95 MICROHENRIES AT 1000 CYCLES. 60 TURNS OF #20 DE WIRE. TAPPED AT 3 1/16 - 5 15/16 - 9 1/16 - 11 15/16 - 15 1/16 - 16 15/16 - 19 1/16 - 28 - 43 TURNS. 0.35 OHMS DC RESISTANCE.	7/10/44 AUG. 44	CGQ:C-CL-10378 ALT 0	CAQK-47393 DAS-3 R&F COIL ASSEMBLY: CONSISTS OF 4 SLUG TUNED COILS EACH RATED 1.66-2.48 MC. Q EQUALS 40-60. CAPACITY 48 MHF.	7/20/44 300.281 AUG. 44	300.281 ALT 0

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Class 47—R-F Transformers—Inductors—Chokes

3.47-19

NAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION	NAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION	NAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION
CAOS- 47394	CAOS-50AEY	R.F. CHOKE: RATED 250 MICROHENRIES AT 1000 KILOCYCLE AND 0 DC AMPERES; "Q" MEASURES 60±10% AT 1000 KILOCYCLES; APPROX. 156 TURNS NO. 10/44 SSE LITZ WIRE; SINGLE-SECTION, DUOLATERAL WINDING; PAPER BASE PHENOLIC FORM; DC RESISTANCE 4.5Ω. (±1.5%) 7/22/44 38522 CAOS:A-38522-H AUG. 44	WIRE.		CHC-47400	CAQB-47406	LORAN(HXsr-67982)	R.F. COIL ASSEMBLY CONSISTS OF 130 TURNS OF #36 ENAMELED WIRE. CONTAINS 10,000 OHM - 1/2 WATT RESISTOR AND 25 MMFD CERAMIC OR SILVERED MICA CAPACITOR ±2%, NO DRIFT. IS CONTAINED IN ALUMINUM COIL CAN OF 1 3/8" X 1 3/8" X 3" DIMENSIONS. 8/17/44 3263 (CME)B-169-2 OCT. 44
CAOS- 47395	CAOS-50AEY	R.F. CHOKE: RATED 200 MICROHENRIES AT 1000 KILOCYCLES AND 0 DC AMPERES; "Q" MEASURES 60±10% AT 1000 KILOCYCLES; APPROXIMATELY 143 TURNS NO. 10/44 SSE LITZ WIRE; SINGLE-SECTION DUOLATERAL WINDING; PAPER BASE PHENOLIC FORM; DC RESISTANCE 3.5Ω. 7/22/44 38520 CAOS:A-38520-H AUG. 44	CFW- 47401	TBX-8	I.F. TRANSFORMER ASSEMBLY: 1515 KC. CONTAINS TRANSFORMER, TWO .006 MFD. CAPACITORS, A 2500 OHM AND A 10,000 OHM RESISTOR MOUNTED IN A CERAMIC CAN. SIMILAR TO NAVY TYPE NO. -47114 EXCEPT GRID LEADS EMERGE FROM SIDE OF CAN INSTEAD OF TOP. 7/25/44 TR-1017 CGQ:D-TR-1017-E AUG. 44 ALT E	COH- 47407	AN/ART-2	R.F. CHOKE 30 MICROHENRIES; CURRENT RATING 1,000 MILLI-AMPERES; DC RESISTANCE 2 OHMS; 9/16" DIAM. BY 3" LONG; SINGLE LAYER WOUND ON LOW POWER FACTOR STEATITE CORE. 10-20 METERS. 8/23/44 Z-2 OCT. 44
(±1.5%)	CAOS- 47395		CFW- 47402	TBX-8	I.F. TRANSFORMER ASSEMBLY: 1515 KC. CONTAINS TRANSFORMER, A 1000 OHM RESISTOR, A 2 MEGOHM RESISTOR, A .006 MFD CAPACITOR AND A .0001 MFD. CAPACITOR MOUNTED IN A CERAMIC CAN. SIMILAR TO NAVY TYPE NO. -47115 EXCEPT GRID LEADS EMERGE FROM SIDE OF CAN INSTEAD OF TOP. 7/25/44 TR-1016 CGQ:D-TR-1016-H AUG. 44 ALT H	CFT- 47408	DBF	GONIOMETER ASSEMBLY HOUSES GONIOMETER AND SENSE-DIRECTIONAL SWITCHING KELAY IN SEALED WATER-TIGHT ASSEMBLY. INCLUDES A SMALL 2,000 RPM DC MOTOR WHICH DRIVES ROTOR AND 2 PHASE ALTERNATOR WHICH SYNCHRONIZES CIRCLE TRACE OF INDICATOR WITH ROTATION OF GONIOMETER. 8/24/44 OCT. 44
CAOS- 47396	CAOS-50AEY	R.F. CHOKE: RATED 75 MICROHENRIES AT 1000 KILOCYCLES AND 0 DC AMPS; "Q" MEASURES 60±10% AT 1000 KILOCYCLES; APPROX. 91 TURNS NO. 10/44 SSE LITZ WIRE; SINGLE-SECTION, DUOLATERAL WINDING; DC RESISTANCE 2Ω. (±1.5%) 7/22/44 38518 CAOS:A-38518-H AUG. 44	TOP.		CFW- 47402	CFT- 47408		GONIOMETER IS THE CAPACITIVE TYPE. FREQUENCY RANGE 100 TO 160 MC.
CAOS- 47397	CAOS-50AEY	R.F. CHOKE: RATED 160 MICROHENRIES AT 1000 KILOCYCLES AND 0 DC AMPS; "Q" MEASURES 60±10% AT 1000 KILOCYCLES; APPROX. 141 TURNS NO. 10/44 SSE LITZ WIRE; SINGLE-SECTION, DUOLATERAL WINDING; DC RESISTANCE 3Ω. (±1.5%) 7/22/44 38519 CAOS:A-38519-H AUG. 44	CMM- 47403	AN/APA-17	R.F. CHOKE: 16 MILLIHENRIES ±5%. 125 MA, 86 OHMS DC RESISTANCE. UNSHIELDED. AIR CORE, BAKE-LITE MOUNTING. WOUND WITH 1,055 TURNS OF SSE WIRE. 7/27/44 690 MOD. CANB:A-65507B AUG. 44 REV D	CAI- 47409	LORAN C-1	R.F. CHOKE: CONSISTS OF A VARIABLE INDUCTANCE (SLUG TUNED) 2.1 TO 2.9 MH (APPROX.) AND A 0.0004 MFD MICA CAPACITOR MOUNTED IN SAME CAN. 8/28/44 K250 CDU:DD-3236-A-1 FEB. 45
CAOS- 47398	CAOS-50AEY	R.F. CHOKE: RATED 500 MICROHENRIES AT 1000 KILOCYCLES AND 0 DC AMPS; "Q" MEASURES 60±10% AT 1000 KILOCYCLES; APPROX. 229 TURNS NO. 10/44 SSE LITZ WIRE; SINGLE-SECTION, DUOLATERAL WINDING; DC RESISTANCE 6Ω. (±1.5%) 7/22/44 38521 CAOS:A-38521-H AUG. 44	CMM- 47404	AN/APA-17	R.F. CHOKE: 4.5 MILLIHENRIES ±5%. 125 MA, 38 OHMS DC RESISTANCE. UNSHIELDED. AIR CORE, BAKE-LITE MOUNTING. DUOLATERAL WINDING OF 530 TURNS OF 36 SSE WIRE. 7/27/44 650 MOD. CANB:A-65508-B AUG. 44 REV E	CGP- 47410	NXsr-62297 RE 13A 934D	ANTENNA TUNING UNIT USED TO COUPLE 50 OHM COAXIAL TRANSMISSION LINES AND A SHIPBOARD ANTENNA OF THE 25 TO 40 FOOT WHIP TYPE FOR 500 WATT TRANSMITTERS. CONTINUOUSLY VARIABLE FROM 2 TO 18 MC. INCLUDES OPERATING MOTOR ASSEMBLIES AND TRANSMITTER SELSTN 8/29/44 OCT. 44
CAOS- 47399	CAOS-50AEY	I.F. TRANSFORMER: OPERATION 32 MEGACYCLES; PRIMARY, 1 TURN NO. 20 DOUBLE SILK ENAMELED WIRE; SECONDARY 11 TURNS NO 20 SE WIRE; SLUG TUNED. TUNING RANGE 30-34 MC. 7/22/44 42512 CAOS:B-42512-H AUG. 44	CAQB- 47405	LORAN(HXsr-67382)	R.F. COIL ASSEMBLY CONSISTS OF 2 WINDINGS, ONE OF 84 TURNS OF #32 ENAMELED WIRE CLOSELY SPACED AND ONE OF 30 TURNS OF #33 ENAM. WIRE. CONTAINS A 47,000 OHM - 1/2 WATT RESISTOR AND A 100 MMFD CERAMIC OR SILVERED MICA CONDENSER, ±2%, NO DRIFT. THE ASSEMBLY 8/17/44 3262 (CME)B-169-1 OCT. 44	CGP- 47410		DEVICES FOR 115/1/60. SHOCK AND VIBRATION MOUNTED. REMOTELY CONTROLLED FROM OPERATING POSITION NOT OVER 250 FT. AWAY BY TYPE CGP-23455 CONTROL CONSOLE. ENCLOSED IN SUBMERGENCE PROOF CASE SUITABLE FOR SHIP BOARD USE.
CHC- 47400	AN/APA-17	R.F. CHOKE: 2.5 MH AT 1500 TO 15000 KC EXCEPT FREQS BETWEEN 5300 AND 6400 AND BETWEEN 8000 & 9000; 870C; 500 MA SIX THIN UNIVERSAL WOUND PIES MOUNTED ON AN ISOLANTITE CORE; 93 TURNS PER PIE FOR #28 US GREEN ENAMEL GCFW; 10938 MOD. BY CAY 7/29/44 CHC:CH-500 CANB:A-65506-B DEC. 44 GSEE ABOVE REV B	IS CONTAINED IN A 1 3/8" X 1 3/8" X 3" ALUMINUM COIL CAN.	CAQB- 47405		CNA- 47411	RDG RE 13A 865A	COIL SET RANGE: 1.7-3.5 MC. SIMILAR TO -47166 EXCEPT FOR MINOR MODIFICATIONS OF COMPONENTS NECESSARY BECAUSE OF DIFFERENCES OF TUNING CAPACITOR DESIGN AND LAYOUT OF COMPONENTS. 8/29/44 SA:1858 (CNA)F-951 OCT. 44

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NAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION	NAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION	NAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION	
CNA-47412 RDG COIL SET RANGE: 3.5-7.0 MC. SIMILAR TO -47167 EXCEPT FOR MINOR MODIFICATIONS OF COMPONENTS NECESSARY BECAUSE OF DIFFERENCES OF TUNING CAPACITOR DESIGN AND LAYOUT OF COMPONENTS.	8/29/44 OCT. 44	SA:1857 (CNA)F-951	RE 13A 865A	-47419 RBS,RBS-1 ANTENNA COIL: 11.4-20.0 MC. PRI: UNIVERSAL WINDING, 28 1/2 TURNS #36 S.S.E. COPPER WIRE. SEC: SOLENOID WINDING, 8 TURNS #20 SOFT SOLID SILVER WIRE.	9/2/44 SEPT. 44	CAY:T-7607405-4 SUB 12	-47427 RBS,RBS-1 R.F. COIL: 11.4-20.0 MC. SOLENOID WINDING, 7 1/2 TURNS #24 EN. COPPER WIRE WITH TAPS AT 2 1/2 TURNS AND 5 TURNS.	9/2/44 SEPT. 44	CAY:T-7607405-16 SUB 12
CNA-47413 RDG COIL SET RANGE: 7.0-14 MC. SIMILAR TO -47168 EXCEPT FOR MINOR MODIFICATIONS OF COMPONENTS NECESSARY BECAUSE OF DIFFERENCES OF TUNING CAPACITOR DESIGN AND LAYOUT OF COMPONENTS.	8/29/44 OCT. 44	SA:1856 (CNA)F-951	RE 13A 865A	-47420 RBS,RBS-1 R.F. COIL: 2.0-3.6 MC. PRI: SOLENOID WINDING, 4 2/3 TURNS #32 EN. COPPER WIRE. SEC: UNIVERSAL WINDING, 38 TURNS 7-#41 S.S.E. LITZ WIRE.	9/2/44 SEPT. 44	CAY:T-7607405-5,9 SUB 12	-47428 RBS,RBS-1 R.F. COIL: 1255 KC. UNIVERSAL WINDING 68 TURNS #36 O.C.C. WIRE, WOUND IN TWO PI'S WITH TAP AT 12 1/2 TURNS.	9/2/44 SEPT. 44	CAY:T-7607405-17 SUB 12
CNA-47414 RDG COIL SET RANGE: 14.0-29 MC. SIMILAR TO -47169 EXCEPT FOR MINOR MODIFICATIONS OF COMPONENTS NECESSARY BECAUSE OF DIFFERENCES OF TUNING CAPACITOR DESIGN AND LAYOUT OF COMPONENTS.	8/29/44 OCT. 44	SA:1855 (CNA)F-951	RE 13A 865A	-47421 RBS,RBS-1 R.F. COIL: 3.6-6.5 MC. PRI: SOLENOID WINDING, 2 2/3 TURNS #32 EN. COP. WIRE. SEC: UN- IVERSAL WINDING, 21 TURNS 30-#44 S.S.E. LITZ WIRE.	9/2/44 SEPT. 44	CAY:T-7607405-6,10 SUB 12	47429 RBS,RBS-1 I.F. TRANSFORMER: PRI: UNIVERSAL WINDING, 90 TURNS 30-#44 S.S.E. LITZ WIRE WOUND IN TWO PI'S. SEC #1: UNIVERSAL WINDING, 90 TURNS 30-#44 S.S.E. LITZ WIRE, WOUND IN TWO PI'S WITH TAP AT 45 TURNS. SEC #2: RANDOM WINDING, 6 1/2 TURNS #36 O.C.C. WIRE.	9/2/44 SEPT. 44	CAY:T-7607405-18, 19 SUB 12
CML-47415 QJB RETARDATION COIL WINDING (1-7) CONSISTS OF 215 TURNS #1 #34 GA E STRANDED WIRE 0.412 OHMS DC RES. 780.-820 MICROHENRIES AT 25 KC. COIL TAPPED AT 2/3/4/5/6, 140/160/175/190/200 TURNS 0.25/0.274/0.312/0.35/0.38 OHMS DC RES. 292.5-307.5/390.-410/487.5-91/144 KS-9522	8/29/44 OCT. 44	KS-9522 (CNS)ES0-661630 ISS. 1		-47422 RBS,RBS-1 R.F. COIL: 6.5-11.4 MC. PRI: SOLENOID WINDING, 1 2/3 TURNS #28 EN. COPPER WIRE. SEC: SOLENOID WINDING, 14 TURNS #24 EN COPPER WIRE.	9/2/44 SEPT. 44	CAY:T-7607405-7,11 SUB 12	-47430 RBS,RBS-1 I.F. TRANSFORMER: PRI: UNIVERSAL WINDING, 90 TURNS 30-#44 S.S.E. LITZ WIRE, WOUND IN TWO PI'S. SEC: UNIVERSAL WINDING, 90 TURNS 30-#44 S.S.E. LITZ WIRE, WOUND IN TWO PI'S WITH TAP AT 68 TURNS.	9/2/44 SEPT. 44	CAY:T-7607405-20 SUB 12
CML-47415 512.5/585.-615/682.5-717.5 MICROHENRIES AT 25 KC. OPERATES OVER FREQUENCY RANGE OF 21-26 KC.				-47423 RBS,RBS-1 R.F. COIL: 11.4-20.0 MC. PRI: SOLENOID WINDING, 2/3 TURN #28 EN COPPER WIRE. SEC: SOL- ENOID WINDING, 8 TURNS #20 SOFT SOLID SILVER WIRE.	9/2/44 SEPT. 44	CAY:T-7607405-8,12 SUB 12	CAG-47431 LORAN MODEL C-1 R.F. CHOKE COIL: RATED 60 MH. CONSISTS OF 3200 TURNS #34 EN. WIRE, 140 OHMS DC RES.	9/12/44 SEPT. 44	379-30 379-30 CHANGE 600
47416 RBS,RBS-1 ANTENNA COIL: 2.0-3.6 MC. PRI: UNIVERSAL WINDING, 144 TURNS #38 S.S.E. COPPER WIRE. SEC: UN- IVERSAL WINDING, 37 TURNS 30-#44 S.S.E. LITZ WIRE.	9/2/44 SEPT. 44	CAY:T-7607405-1 SUB 12		-47424 RBS,RBS-1 R.F. COIL: 2.0-3.6 MC. SOLENOID WINDING, 34 1/2 TURNS #30 EN. COPPER WIRE WITH TAPS AT 9 1/2 AND 15 TURNS.	9/2/44 SEPT. 44	CAY:T-7607405-13 SUB 12	CWG-47432 TS-34/AP CHOKE COIL RATED 50 MICROHENRIES AT 1000 CYCLES AND 0.25 AMPERES MAXIMUM, DC RESISTANCE OF 0.54 OHMS MAXIMUM AT 70°F, 52 TURNS OF 19 STRANDS OF #40 LITZ WIRE, DUOLATERAL- LY WOUND ON A MOLDED PHENOLIC SPOOL.	9/11/44 OCT. 44	400-3 CW:BA-10230-1 ISS. 1
-47417 RBS,RBS-1 ANTENNA COIL: 3.6-6.5 MC. PRI: UNIVERSAL WINDING, 78 1/2 TURNS #36 S.S.E. COPPER WIRE. SEC: SOLENOID WINDING, 28 TURNS 19-#44 S.S.E. LITZ WIRE.	9/2/44 SEPT. 44	CAY:T-7607405-2 SUB 12		-47425 RBS,RBS-1 R.F. COIL: 3.6-6.5 MC. SOLENOID WINDING, 25 1/4 TURNS #24 EN. COPPER WIRE WITH TAPS AT 7 1/2 AND 15 TURNS.	9/2/44 SEPT. 44	CAY:T-7607405-14 SUB 12	CFW-47433 LORAN C-1 R.F. COIL SLUG TUNED FROM 3560 KC TO 3365 KC. 182 MMF CAPACITY Q=75.	9/12/44 SEPT. 44	12565 COJ:B-5226-1 REV 0
-47418 RBS,RBS-1 ANTENNA COIL: 6.5-11.4 MC. PRI: UNIVERSAL WINDING, 31 1/2 TURNS #36 S.S.E. COPPER WIRE. SEC: SOLENOID WINDING, 14 1/2 TURNS #24 EN. COPPER WIRE.	9/2/44 SEPT. 44	CAY:T-7607405-3 SUB 12		-47426 RBS,RBS-1 R.F. COIL: 6.5-11.4 MC. SOLENOID WINDING, 13 1/2 TURNS #24 EN. COPPER WIRE WITH TAPS AT 3 1/2 TURNS AND 10 TURNS.	9/2/44 SEPT. 44	CAY:T-7607405-15 SUB 12	CFW-47434 LORAN C-1 R.F. COIL SLUG TUNED FROM 1960 TO 1765 KC. 98 MMF CAPACITY, Q=65. PRIMARY WINDING: (SLUG TURNED OUT) 1800 KC. 272 MMF, Q=47.	9/12/44 OCT. 44	12563 (COJ)B-5225-1 REV 0

Class 47—R-F Transformers—Inductors—Chokes

3.47-21

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CFW-47435	LORAN C-1		CAY-47441	TDE		CAY-47448	TDE	
R.F. COIL SLUG TUNED FROM 1960 TO 1765 KC. 98 MMF CAPACITY. Q=65. PRIMARY WINDING: (SLUG TURNED OUT) 900 KC. 117.5 MMF. Q=48.			R.F. CHOKE RATED 0.55 MILLIHENRIES ± 5%, 1000 CYCLES; 1.75 D.C. RES. +52-105; 160 TURNS #24 DCC WIRE; BASKET WOUND ON PLASTIC TUBE; 2 AMPS DC RES. ONE SECTION.			TANK COIL: RATED 3000 KC INDUCTANCE 30 MICROHENRIES 26 TURNS OF #12 DIA. SOLID SILVER WIRE, FULL HARD. 0.034Ω DC RES. WOUND ON CERAMIC CORE. SAME AS 47449 EXCEPT NOT MECHANICALLY INTERCHANGEABLE.		
9/12/44 12564	(COJ)B-5225-2		10/16/44 L-365730	L-365730		10/21/44	T-7608084	
OCT. 44	REV 0		MAY. 45	REV. 1		MAY 45	ISSUE 0	
CW-47436	UE-1		CFW-47442	TDE		CAY-47449	TDE	
RETARDATION COIL RATED WITH RESONANT CAPACITY OF 290 MMF MAX. 240 MMF MIN. TEST FREQUENCY OF 80 KC. COIL DUOLATERALLY WOUND ON A PHENOL FABRIC CORE TUBE WITH APPROX 1025 TURNS OF #34 GA EN WIRE HAVING 70 OHMS DC. RES.			R.F. CHOKE RATED 2.25 MILLIHENRIES, 1000 CYCLES. 125 MILLIAMPS D.C. 39Ω D.C. RESISTANCE. 10 WATTS 226 TURNS #36 SSE WIRE WOUND IN 4 PI CERAMIC CORE.			ANTENNA TUNING COIL: RATED 3000 KC INDUCTANCE 30 MICROHENRIES 26 TURNS OF #12 DIA. SOLID SILVER WIRE, 0.034Ω DC RESISTANCE WOUND ON CERAMIC CORE. SAME AS -47448 EXCEPT NOT MECHAN- ICALLY INTERCHANGEABLE.		
9/19/44 D-164301	BA-103563		*CAY:P-7708469 SUB 1			10/21/44	T-7608084	
OCT. 44	ISS. 1		10/18/44 1380	CAY: K-7808974		MAY 45	ISSUE 0	
			MAY 45	P-1. REV. 7				
CW-47437	UE-1		CAY-47443	TDE		CAY-47450	TBK-9	
RETARDATION COIL WINDING 1-A/2-B/3-C/4-5. CONSISTS OF 105/47/38/26 TURNS OF 7-#34 GAE STRANDED DN WIRE. MAX DC RES. BETWEEN TERMINALS 1 & 5 IS 1.35 OHMS. TERMINALS 1-2/1-3/ 1-4/1-5 HAVE 149.5-140.5/298.5-281.5/448- 422/597-563 MICROHENRIES MAX. AND MIN.			I.F. TRANSFORMER: STATOR #1-13 TURNS, DOUBLE BANK WOUND, #2 .29 TURNS, SINGLE LAYER WOUND #38 LITZ TAPPED AT 5.14, 16.23, TURNS FROM START END, #3.21 TURNS DOUBLE BANK WOUND (STATOR WOUND CLOCKWISE) ROTOR: #1 ROTOR 16 TURNS, #38 WIRE LITZ EN COPPER. 2ND 10/13/44 T-7608524-2			R.F. COIL: RATED 16 MICROHENRY MAX., AT 2 TO 9.5 MC AND 5 AMPS RF. DC RES. 0.04Ω; 24 TURNS #14 TINNED COPPER WIRE. SINGLE SECTION SPACE WOUND ON CERAMIC CORE. WIRE TAPPED AT 16TH TURN, 10 MICRO HENRIES. *P-7706592G-1 REV 4 P-7705779-2 REV 5. 10/23/44 P-7706592G-1		
9/19/44 D-169006	BA-103560		MAY 45	T-7608524/G2		NOV. 44		
OCT. 44	ISS. 1			REV. 8				
IN-	CW-47437		CAY-47443			CAY-47451	TBK-9	
DUCTANCES AT 100 KC. .002 AMPS. TOROIDAL WINDING ON MOLYBDENUM PERMALLOY POWDER CORE IN HERMETICALLY SEALED CASE.			ROTOR, 9 TURNS, #38 WIRE LITZ EN COPPER. 0.28Ω DC RES; INDUCTANCE 234 MICRO- HENRIES.			R.F. COIL: RATED 22 MICRO HENRIES AT 2,000 TO 18000 KC AND 20 AMPS RF. 0.005Ω APPROX. DC RESISTANCE; 14 TURNS 3/16" X 5/16" COPPER BAR WIRE WOUND EDGEWISE. SINGLE SECTION; *M-7409127G-2 REV 4 T-7609877P-2 REV 2 T-7609876G-1 REV 9 P-7704122P-2 REV 5 10/23/44 S-867035		
						NOV. 44		
CAQT-47438	GEN. RADIO USE RE9317C		CAY-47444	TDE		CAY-47451		
ANTENNA COUPLING ASSEMBLY CONSISTS OF ACCESSORIES, CAQT-47439 ANTENNA COUPLING UNIT AND CAQT-10392 WEATHERPROOF HOUSING.			RF CHOKE RATED 5.5 MILLIHENRIES- 1040 TURNS WIRE SIZE #36 S.S.E. COPPER. AIR CORE - DUREZ #11863			AIR CORE. SAME AS -47481 AND -47482 EX- CEPT FOR SHAFT LENGTH.		
5/30/44 229	CAQT:229-5		10/20/44					
OCT. 44	DATED 9-30-44		NOV. 44	CAY: P-7708623/G1				
				REV. 12				
CAQT-47439	GEN. RADIO USE		CS-47445	DBE	RE13A944	CAY-47452	TBK-9	
ANTENNA COUPLING UNIT TO MATCH ANTENNA WITH RES OF 8-15 OHMS AND REACTANCE OF --J300 TO -J600 OHMS TO A 52 OHM TRANSMISSION LINE. FREQ. 1.75 TO 1.95 MEG. CONSISTS OF 2 VARIABLE INDUCTORS (1 IN SERIES WITH ANTENNA, 1 IN SHUNT WITH TRANSMISSION LINE) VEEDER 9/30/44 29-10			ANTENNA COUPLING UNIT WATERPROOF, CAST ALUMINUM BOX IMPEN- DANCE OF ANTENNA MAY BE MATCHED TO INPUT IMPEDANCE OF TYPE -46265 LORAN RECEIVER- INDICATOR. DESIGNED TO COUPLE TO A 52 OHM COAXIAL TRANSMISSION LINE. 11/22/44 651007			R.F. CHOKE: RATED 4 MILLIHENRIES AT 300 TO 1800 KC; 0.4 AMPS TEST; 5.15Ω DC RESISTANCE; 90V AC CONTINUOUS DUTY, 375 TURNS OF #24 DCC WIRE; SINGLE SECTION BASKET WOUND ON PLASTIC CORE.		
OCT. 44	DATED 9-30-44		FEB. 45	CS:651007		10/24/44 L-303481	M-7405019P-11	
						NOV. 44	REV 15	
			CAY-47446	TDE		CAY-47453	TBK-9	
			COIL - M.O. TANK H.F. CONSISTS OF STATOR: 2 WINDINGS- 10 3/4 TURNS TAPPED AT 3.6510 FROM FINISH END; 3 1/2 TURN - USE #14 SILVER CLAD INVAR WIRE. WOUND CLOCKWISE ROTOR; 6 TURNS- WOUND COUNTER-CLOCKWISE, SAME WIRE AS IN STATOR 10/20/44			*L-365782 REV A M-7405019-23 REV 15 10/24/44 L-365782	*SEE ABOVE	
			NOV. 44	P-7708640/G1		NOV. 44		
				REV. 3				
CAY-47440	TDE		CAY-47447	TDE		CAY-47454	TBK-9	
RF CHOKE 6 TURNS OF 30 1/4" LONG COPPER TUBING; 3/16" O.D., 1/8" I.D. DISTANCE OF 5/16" BETWEEN TURNS. WOUND ON AIR CORE.			M. F. DOUBLER COIL 27 TURNS-CENTRALLY SPACED. TAPPED AT 7 1/2, 13, & 22 TURNS FROM FINISH END. #16 TINNED COPPER WIRE. WOUND CLOCKWISE.			R.F. CHOKE: RATED APPROX 42 MICROHENRIES AT 100 MA; 2.07Ω DC RES. SECTIONS 1,2,3 AND 4 CON- SIST OF 5.10, 10 AND 5 TURNS OF #30 DCC CU WIRE. 0.010" DIA. RESPECTIVELY; 1/4" SPACING BETWEEN SECTIONS; 25000V DC; WOUND ON CERAMIC CORE. 10/24/44 M-7405204	M-7405204-1 REV 15 K-7405570 REV 12	
10/16/44 P-7708728	P-7708728-1		10/20/44	P-7708631/G2		NOV. 44		
NOV. 44	REV. 5		NOV. 44	REV 5				
		ASSIGNED		ASSIGNED				
		ISSUED		ISSUED				
DATE	MANUFACTURER'S DESIGNATION	MANUFACTURER'S DRAWING NUMBER	DATE	MANUFACTURER'S DESIGNATION	MANUFACTURER'S DRAWING NUMBER	DATE	MANUFACTURER'S DESIGNATION	MANUFACTURER'S DRAWING NUMBER

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CAY- 47455	TBK-9	R.F. CHOKE: RATED APPROX 160 MICROHENRIES AT 200 MA DC. EACH SECTION: 4.18Ω DC RES. THREE SECTIONS, EACH CONSISTING OF 20 TURNS #26 SCCE WIRE. 0.0159" DIA. 1/4" BETWEEN EACH SECTION. CLOSE WOUND ON CERAMIC CORE. 10/25/44 K-7803570 REV 12 NOV 45 M-7405204-2 REV 15	CAY- 47462	TBL-2	COIL, VARIABLE RF: RATED 172 MICROHENRIES, 175 KC, .374 OHMS DC RES. ON ROTOR ± 10%. .333 OHMS DC RES. ON STATOR ± 10%. ROTOR 50 1/2 TURNS OF .004 LITZ WIRE. STATOR 1ST SEC 49 1/4 TURNS .004 LITZ. 2ND SEC 20 1/4 TURNS .004 LITZ WIRE. ROTOR & STATOR 10/31/44 P-7706416 G1 & NOV. 44 2 REV 12	CAY- 47468	TBL-2	COIL, VARIABLE RF: RATED 90 MICROHENRIES, 2000 KC; .0187 OHMS DC RESISTANCE WINDING DATA: 22 TURN #10 WIRE, .102 OIA.. HALF HARO COPPER WIRE SILVER COVERED. CONSISTS OF ROTATING COIL ON WHICH CONTACT MOVES. 11/1/44 M-7405975/P1 NOV. 44 REV 6
CAY- 47456	TBK-9	R.F. COIL: RATED APPROX. 0.46 MICROHENRIES; APPROX. 0.01Ω DC RES; 5 TURNS #10 TINNED COPPER WIRE, 7/8" INSIDE DIAMETER. NOT INSULATED DC CURRENT RATING 30 AMPS. 10/25/44 M-7406169 CAY:M-7406169/G1 NOV. 44 REV. 3	CAY- 47463	TBL-2	COIL R.F. VARIABLE: RATED 944 MICROHENRIES, 175 KC, 0.686 OHMS DC RES. STATOR IN TWO SECTIONS; ONE SECTION 21 TURNS #16 DCC COPPER WIRE. OTHER SECTION 60 1/3 TURNS #16 DCC COPPER WIRE. ROTOR 47 1/2 TURNS #17 DCC COPPER WIRE. STATOR TAPPED AT 9 1/2, 11 1/2 10/31/44 T-7605551/G1-2 NOV. 44 REV. 7	CAY- 47469	TBL-2	COIL: GRID CHOKE: RATED 42 MH, 100 MA, 2500V DC., TO GROUND. 2.07 OHMS DC RESISTANCE. FOUR SECTIONS WITH SECTIONS 1 AND 4 RATED 5 TURNS EACH AND SECTIONS 2 AND 3 RATED 10 TURNS EACH #30 DCC COPPER WIRE 0.010 DIA. 1/4" SPACING BETWEEN SECTIONS. 11/1/44 K-7803570 REV 12 NOV. 44 M-7405204-3
CAY- 47457	TBK-9	CHOKE R.F.: RATED AT 0.35 MILLIHENRIES ± 5%; 500V AC 1500-5000V DC CONTINUOUS DUTY. 125 TURNS #24 DCC WIRE DC RESISTANCE 1.35Ω; WOUND ON PLASTIC CORE. MAX CURRENT APPROX. 300 MA. 10/25/44 L303483 CAY:M-7405019-1 NOV. 44 REV 15	CAY- 47464	TBK-9	R.F. CHOKE: RATED AT 4 MILLIHENRIES FOR USE ON 80 & 160 METER BANDS; 500 MA. 10Ω DC RES. 5 COILS HONEYCOMB WOUND ON CERAMIC CORE. 10/25/44 R-152 CAY:T-7607282-197 NOV. 44 REV. 15	CAY- 47470	TBL-2	CHOKE R.F.: RATED 0.1 MH ± 10% AT 1000 CYCLES TEST; DC RES 0.7 OHMS ± 15%; 65 TURNS #24 DCC COPPER WIRE BASKET WOUND 0.201" DIA. 11/1/44 M-7405019/P-19 MAY 45 REV 15
CAY- 47458	TBK-9	COIL: DOUBLE TANK: RATED 8.5 MICROHENRIES AT 1000V DC. FREQ. 2000 TO 4,000 KC. 16 5/6 TURNS #10 TIN COPPER WIRE 0.102" DIA, TAPPED AT 3 TURNS FROM START. 0.02Ω DC RES. WOUND ON PLASTIC CORE. #N-7404909 REV 8 10/26/44 CAY:P-770569/G5 NOV. 44 REV 7 *	CAY- 47465	TBK-9	R.F. TRANSFORMER: 1.2 WATTS, 60 CYCLE, 1500V TEST; PRIMARY WINDING: 4180 TURNS #38 ENAMEL WIRE, 600Ω ± 15% DC RESISTANCE; 100V.. .012 AMPS. SECONDARY WINDING: 10 TURNS #12 SCCE WIRE 0.009Ω ± 15% DC RESISTANCE. 0.125V. 10 AMPS. CORE PLASTIC. 10/25/44 L-332701 L-332701 NOV. 44 REV. L	CAY- 47471	TBL-2	R.F. VARIABLE CHOKE: RATED 3 MILLIHENRIES AT 175 KC, .0128 OHMS DC RESISTANCE. STATOR IN 3 SECTIONS #1-12 TURNS, #2-26 TURNS TAPPED AT 5.7, 9.13, 15.17, 24 AND 25 TURNS; #3-38 TURNS TAPPED AT 1, 11, 15, 15.24, 25 AND 26 TURNS #12 TINNED COPPER WIRE WOUND CLOCKWISE. 11/1/44 T-7605527/G-1-2-3 NOV. 44 REV 14
CAY- 47459	TBK-9	CHOKE COIL ASSEMBLY: 3.5 AMP AC OR DC. 1000V TO GROUND 600V DC WORKING 1 TO 2.2 MC. TWO COAXIAL WINDINGS. BOTTOM WINDING 50 TURNS; TOP WINDING 48.5 TURNS .0641 DIA. #14 WIRE SIZE. 1Ω DC RESISTANCE EACH COIL. ASSEMBLY INCLUDES 3 CAPACITORS. 10/26/44 CAY:P-7705707/G5 NOV. 44 REV 32	CAY- 47466	TS-120/UP	R.F. CHOKE: RATED 1.1 MH ± 10% AT 1000 CYCLES AND 1.25 AMP DC. 17 OHMS OF DC RESISTANCE. 250 TURNS OF #36 SSE GREEN MAGNET WIRE. LATTICE WOUND. CURRENT RATING IS 0.265 AT 500 VOLTS. 10/31/44 CDB:35.011A CRB:CK-1015A NOV. 44 ISSUE A	CAY- 47472	TBL-2	COIL, I.F. ANTENNA INDUCTANCE: RATED 6.75 MH AT 175 KC; DC RES. 0.705 OHMS ± 10% MAX.; 135 TURNS LITZ WIRE 3 X 5 X 20 OF .004" DIA. 4100". TAPPED AT 3 12/13, 10, 17, 24, 31 1/13, 39 2/13, 48 3/13, 57 3/13, 66 4/13, 76 4/13, 86 4/13, 96 3/13, +110 3/13 11/1/44 T-7605519/G1 NOV. 44 REV. 11
CAY- 47460	TBL-2	COIL: TANK: RATED 27.5 MICROHENRIES, AT 2000 KC. .0141 OHMS DC RESISTANCE. 16 TURNS EDGE-WISE WOUND OF 261.5" X 1/2" X 1/16" COPPER STRAP. TAPPED AS FOLLOWS: TAP #1 - 15 1/2 TURNS. #2-11 11/12 TURNS. #3 10 5/6 TURNS - 1/2" FROM INSULATOR. #4 10/31/44 7604851 CAY:K-7808727 P-1 NOV. 44 REV 4	CAY- 47467	TS-120/UP	R.F. CHOKE: RATED 30 MH. ± 10% AT 1000 CYCLES AND 0.1 AMP. DC. DC RESISTANCE OF 190 OHMS. 1500 TURNS LATTICE WOUND, OF #38SSE GREEN COVERED. MAGNET WIRE. CURRENT RATING 1.9 AT 500 VOLTS. 10/31/44 CDB:CH-1218-SP CRB:CK-1014A NOV. 44 ISSUE 0	CAY- 47473	TBL-2	R.F. CHOKE: CONSISTS OF 3 WINDINGS IN SERIES. OVERALL INDUCTANCE 7.26 MH. COIL #1 RATED 4.35 MH, ±5%, 400 TO 1000 KC DC RES. 6.4 OHMS, 900V AC WINDING. 350 TURNS OF #26 D.S.C. COPPER WIRE, CONTINUOUS DUTY. COIL #2-2.16 MH ±5%, 500 TO 1750 KC, DC 11/2/44 P-7700874/G6 NOV. 44 REV. 16
CAY- 47461	TBL-2	COIL: RF: RATED 67.5 MICROHENRIES AT 2000 KC.. .056 OHMS DC RESISTANCE. 28 TURNS WOUND CLOCKWISE OF .064" DIA; #14 TINNED COPPER WIRE TAPPED ON THE 9TH TURN FROM MOUNTING END. STANDARD 2 1/2" COIL FORM TO BE PER RE-13A-317F NOT GLAZED. 10/31/44 P-7705697/G1 NOV. 44 REV 12	CAY- 47468	TS-120/UP	URNS.			

DATE	MANUFACTURER'S DESIGNATION	MANUFACTURER'S DRAWING NUMBER	ASSIGNED ISSUED	DATE	MANUFACTURER'S DESIGNATION	MANUFACTURER'S DRAWING NUMBER	ASSIGNED ISSUED	DATE	MANUFACTURER'S DESIGNATION	MANUFACTURER'S DRAWING NUMBER
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Class 47—R-F Transformers—Inductors—Chokes

3.47-23

NAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION	NAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION	NAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION
RES. 4.2 OHMS, 600V AC WINDING.-250 TURNS #26 DSC WIRE. CONTINUOUS DUTY. COIL #3-0.75 MH, ± 5%. 500 TO 4000 KC, 350V AC, 150 TURNS #26 OSC WIRE, DC RES.-2.25 OHMS CONT. DUTY.		CAY-47473	CAY-47480 TBL-2 R.F. COIL: RATED 6.25 MICROHENRIES, 2000 KC, 0.0495 OHMS DC RESISTANCE. WINDING DATA -26 TURNS 0.041 DIA #14 COPPER WIRE. TAPPED AT 6 1/2 AND 23 6/8 TURNS. WIRED COUNTER CLOCKWISE. *CAY:M-7406479/G1/REV 6 P-7705779/P2/REV 11/8/44 *SEE ABOVE. DEC. 44			CAY-47486 TDE I.F. COIL: STATOR #1 106 TURNS 3 X 3 X 18 OF #38 LITZ EN. COPPER WIRE TAPPED AT 12,20,30, 41,53,64,75,87,102 TO FINISH. #2 6 TURNS 3 X 3 X 18 OF #38 LITZ EN COPPER WIRE. ROTOR #1 16 TURNS EN COPPER WIRE. ROTOR #2 6 1/2 TURNS EN COPPER WIRE. WIRE 11/16/44 T-7608543-1 T-7608543-1 MAY 45 REV 6		
CW-47474 SJ SERIES R.F. COIL: CONSISTS OF SINGLE SECTION OF 7800 TURNS OF #37SH "ES" WIRE HAVING 1300 OHMS DC RES, 800 MILLIHENRIES INDUCTANCE AT 1800 C.P.S.			CAY-47481 TBK-9 R.F. COIL: RATED 22 MICROHENRIES AT 2,000 TO 18,000 KC AND 20 AMPS RF, 0.005Ω APPROX. DC RESISTANCE; 14 TURNS 3/16" X 5/16" WIRE; SINGLE SECTION AIR CORE. SAME AS -47451; *M-7409127-3 REV 4 T-7609877-2 REV 2 T-7609876-1 REV 9 P-7704122-2 REV 5 11/9/44 S-867084 *SEE ABOVE DEC. 44			CAY-47486 WOUND ON CERAMIC SPOOL. 0.396 OHMS DC RES.		
11/2/44 KS-9196 ESO-635234 NOV. 44			CAY-47482 TBK-9 R.F. COIL: RATED 22 MICROHENRIES AT 2,000 TO 18,000 KC AND 20 AMPS RF, 0.005Ω APPROX. DC RESISTANCE. 14 TURNS 3/16" X 5/16" COP- PER BAR WIRE WOUND EDGE WISE ON AIR CORE *M-7409127-1 REV 4 T-7609877-2 REV 2 T-7609876-1 REV 9 P-7704122-2 REV 5 11/9/44 S-867083 *SEE ABOVE DEC. 44			CW-47488 AN/TPS-18 RETARDATION COIL: CONSISTS OF TWO COILS DUOLATERALLY WOUND. EACH RATED 5.025 MILLIHENRIES MAX. AND 4.975 MILLIHENRIES MIN AT 1.8 KC TEST FREQUENCY. APPROX 510 TURNS #38 GA EN COPPER WIRE ON CERAMIC SPOOL 76 OHMS DC RESISTANCE MAX PER WINDING AT 11/23/44 0-170179 6A-104729 DEC. 44 ISS. 1		
CAY-47475 TBL-2 R.F. CHOKE: RATED 3 MILLIHENRIES, 175 KC, .508 + 10% OHMS DC RESISTANCE MAX. 124 TURNS, 2 LAYERS BANK WOUND, 1500" OF .07 DIAM. LITZ 3 X 3 X 18 OF .004 DIAM. TAPPED AT 46, 59, 81, 91 TURNS.			CAY-47482 TBK-9 R.F. COIL: RATED 22 MICROHENRIES AT 2,000 TO 18,000 KC AND 20 AMPS RF, 0.005Ω APPROX. DC RESISTANCE. 14 TURNS 3/16" X 5/16" COP- PER BAR WIRE WOUND EDGE WISE ON AIR CORE *M-7409127-1 REV 4 T-7609877-2 REV 2 T-7609876-1 REV 9 P-7704122-2 REV 5 11/9/44 S-867083 *SEE ABOVE DEC. 44			CW-47488 AN/TPS-18 RETARDATION COIL: CONSISTS OF TWO COILS DUOLATERALLY WOUND. EACH RATED 5.025 MILLIHENRIES MAX. AND 4.975 MILLIHENRIES MIN AT 1.8 KC TEST FREQUENCY. APPROX 510 TURNS #38 GA EN COPPER WIRE ON CERAMIC SPOOL 76 OHMS DC RESISTANCE MAX PER WINDING AT 11/23/44 0-170179 6A-104729 DEC. 44 ISS. 1		
11/2/44 P-7705719/G-1 NOV. 44 REV 16			CAY-47482 TBK-9 R.F. COIL: RATED 22 MICROHENRIES AT 2,000 TO 18,000 KC AND 20 AMPS RF, 0.005Ω APPROX. DC RESISTANCE. 14 TURNS 3/16" X 5/16" COP- PER BAR WIRE WOUND EDGE WISE ON AIR CORE *M-7409127-1 REV 4 T-7609877-2 REV 2 T-7609876-1 REV 9 P-7704122-2 REV 5 11/9/44 S-867083 *SEE ABOVE DEC. 44			CW-47488 AN/TPS-18 RETARDATION COIL: CONSISTS OF TWO COILS DUOLATERALLY WOUND. EACH RATED 5.025 MILLIHENRIES MAX. AND 4.975 MILLIHENRIES MIN AT 1.8 KC TEST FREQUENCY. APPROX 510 TURNS #38 GA EN COPPER WIRE ON CERAMIC SPOOL 76 OHMS DC RESISTANCE MAX PER WINDING AT 11/23/44 0-170179 6A-104729 DEC. 44 ISS. 1		
CAY-47476 TDE SERIES PA TANK COIL: 44 CLOCKWISE TURNS 10 PER INCH. TAPPED AT 43 TURNS #14 TINKED COPPER WIRE. CORE MATERIAL-HOLDART #192-A.			CAY-47482 TBK-9 R.F. COIL: RATED 22 MICROHENRIES AT 2,000 TO 18,000 KC AND 20 AMPS RF, 0.005Ω APPROX. DC RESISTANCE. 14 TURNS 3/16" X 5/16" COP- PER BAR WIRE WOUND EDGE WISE ON AIR CORE *M-7409127-1 REV 4 T-7609877-2 REV 2 T-7609876-1 REV 9 P-7704122-2 REV 5 11/9/44 S-867083 *SEE ABOVE DEC. 44			CW-47488 AN/TPS-18 RETARDATION COIL: CONSISTS OF TWO COILS DUOLATERALLY WOUND. EACH RATED 5.025 MILLIHENRIES MAX. AND 4.975 MILLIHENRIES MIN AT 1.8 KC TEST FREQUENCY. APPROX 510 TURNS #38 GA EN COPPER WIRE ON CERAMIC SPOOL 76 OHMS DC RESISTANCE MAX PER WINDING AT 11/23/44 0-170179 6A-104729 DEC. 44 ISS. 1		
11/2/44 7708625G1 NOV. 44 REV. 4			CAY-47482 TBK-9 R.F. COIL: RATED 22 MICROHENRIES AT 2,000 TO 18,000 KC AND 20 AMPS RF, 0.005Ω APPROX. DC RESISTANCE. 14 TURNS 3/16" X 5/16" COP- PER BAR WIRE WOUND EDGE WISE ON AIR CORE *M-7409127-1 REV 4 T-7609877-2 REV 2 T-7609876-1 REV 9 P-7704122-2 REV 5 11/9/44 S-867083 *SEE ABOVE DEC. 44			CW-47488 AN/TPS-18 RETARDATION COIL: CONSISTS OF TWO COILS DUOLATERALLY WOUND. EACH RATED 5.025 MILLIHENRIES MAX. AND 4.975 MILLIHENRIES MIN AT 1.8 KC TEST FREQUENCY. APPROX 510 TURNS #38 GA EN COPPER WIRE ON CERAMIC SPOOL 76 OHMS DC RESISTANCE MAX PER WINDING AT 11/23/44 0-170179 6A-104729 DEC. 44 ISS. 1		
CAY-47477 TDE SERIES IF TRANSFORMER: RATED 125 MICROHENRIES MAX 121.8 MICRO- HENRIES MIN AT FREQUENCY OF 1000 CYCLES STATOR: SECTION #1 45 TURNS TAPPED AT 14, 22, 25, 35, 45; SECTION #2 17 3/4 TURNS. ROTOR: SECTION #1 #2 8 7/8/ 8 7/8 TURNS, 3 X 5 X 18 #38 LITZ WIRE. 11/2/44 H-7708621G1 T-7608270 MAY 45 REV 3			CAY-47482 TBK-9 R.F. COIL: RATED 22 MICROHENRIES AT 2,000 TO 18,000 KC AND 20 AMPS RF, 0.005Ω APPROX. DC RESISTANCE. 14 TURNS 3/16" X 5/16" COP- PER BAR WIRE WOUND EDGE WISE ON AIR CORE *M-7409127-1 REV 4 T-7609877-2 REV 2 T-7609876-1 REV 9 P-7704122-2 REV 5 11/9/44 S-867083 *SEE ABOVE DEC. 44			CW-47488 AN/TPS-18 RETARDATION COIL: CONSISTS OF TWO COILS DUOLATERALLY WOUND. EACH RATED 5.025 MILLIHENRIES MAX. AND 4.975 MILLIHENRIES MIN AT 1.8 KC TEST FREQUENCY. APPROX 510 TURNS #38 GA EN COPPER WIRE ON CERAMIC SPOOL 76 OHMS DC RESISTANCE MAX PER WINDING AT 11/23/44 0-170179 6A-104729 DEC. 44 ISS. 1		
11/2/44 7708621G1 T-7608270 MAY 45 REV 3			CAY-47482 TBK-9 R.F. COIL: RATED 22 MICROHENRIES AT 2,000 TO 18,000 KC AND 20 AMPS RF, 0.005Ω APPROX. DC RESISTANCE. 14 TURNS 3/16" X 5/16" COP- PER BAR WIRE WOUND EDGE WISE ON AIR CORE *M-7409127-1 REV 4 T-7609877-2 REV 2 T-7609876-1 REV 9 P-7704122-2 REV 5 11/9/44 S-867083 *SEE ABOVE DEC. 44			CW-47488 AN/TPS-18 RETARDATION COIL: CONSISTS OF TWO COILS DUOLATERALLY WOUND. EACH RATED 5.025 MILLIHENRIES MAX. AND 4.975 MILLIHENRIES MIN AT 1.8 KC TEST FREQUENCY. APPROX 510 TURNS #38 GA EN COPPER WIRE ON CERAMIC SPOOL 76 OHMS DC RESISTANCE MAX PER WINDING AT 11/23/44 0-170179 6A-104729 DEC. 44 ISS. 1		
CAY-47477 0.17 OHMS DC RESISTANCE.			CAY-47482 TBK-9 R.F. COIL: RATED 22 MICROHENRIES AT 2,000 TO 18,000 KC AND 20 AMPS RF, 0.005Ω APPROX. DC RESISTANCE. 14 TURNS 3/16" X 5/16" COP- PER BAR WIRE WOUND EDGE WISE ON AIR CORE *M-7409127-1 REV 4 T-7609877-2 REV 2 T-7609876-1 REV 9 P-7704122-2 REV 5 11/9/44 S-867083 *SEE ABOVE DEC. 44			CW-47488 AN/TPS-18 RETARDATION COIL: CONSISTS OF TWO COILS DUOLATERALLY WOUND. EACH RATED 5.025 MILLIHENRIES MAX. AND 4.975 MILLIHENRIES MIN AT 1.8 KC TEST FREQUENCY. APPROX 510 TURNS #38 GA EN COPPER WIRE ON CERAMIC SPOOL 76 OHMS DC RESISTANCE MAX PER WINDING AT 11/23/44 0-170179 6A-104729 DEC. 44 ISS. 1		
CAY-47478 TBL-2 R.F. CHOKE ASSEMBLY: RATED 6 MILLIHENRIES 1 TO 2.2 MC FREQ. 3.5 AMP DC OR AC DC RESISTANCE - 0.1 OHM; TWO COAXIAL WINDINGS - BOLTON WIND- ING 50 TURNS, TOP WINDING 48 1/2 TURNS; WIRE SIZE .0641 DIA. #14. ASSEMBLY CON- TAINS 3 CAPACITORS. 11/6/44 CAY:P-7705707/G6 NOV. 44 REV 32			CAY-47482 TBK-9 R.F. COIL: RATED 22 MICROHENRIES AT 2,000 TO 18,000 KC AND 20 AMPS RF, 0.005Ω APPROX. DC RESISTANCE. 14 TURNS 3/16" X 5/16" COP- PER BAR WIRE WOUND EDGE WISE ON AIR CORE *M-7409127-1 REV 4 T-7609877-2 REV 2 T-7609876-1 REV 9 P-7704122-2 REV 5 11/9/44 S-867083 *SEE ABOVE DEC. 44			CW-47488 AN/TPS-18 RETARDATION COIL: CONSISTS OF TWO COILS DUOLATERALLY WOUND. EACH RATED 5.025 MILLIHENRIES MAX. AND 4.975 MILLIHENRIES MIN AT 1.8 KC TEST FREQUENCY. APPROX 510 TURNS #38 GA EN COPPER WIRE ON CERAMIC SPOOL 76 OHMS DC RESISTANCE MAX PER WINDING AT 11/23/44 0-170179 6A-104729 DEC. 44 ISS. 1		
CAY-47479 TDE COIL, CHOKE: RATED 145 MICROHENRIES AT 1000 KILOCYCLES 75 TURNS OF #24 O.C.C.E.C. WIRE ON MICARTA TUBING, 0.916 OHM O-C RESISTANCE 300 MILLIAMPS MAX. 11/8/44 CAY:M-7407291/G1 NOV. 44 REV. 3			CAY-47482 TBK-9 R.F. COIL: RATED 22 MICROHENRIES AT 2,000 TO 18,000 KC AND 20 AMPS RF, 0.005Ω APPROX. DC RESISTANCE. 14 TURNS 3/16" X 5/16" COP- PER BAR WIRE WOUND EDGE WISE ON AIR CORE *M-7409127-1 REV 4 T-7609877-2 REV 2 T-7609876-1 REV 9 P-7704122-2 REV 5 11/9/44 S-867083 *SEE ABOVE DEC. 44			CW-47488 AN/TPS-18 RETARDATION COIL: CONSISTS OF TWO COILS DUOLATERALLY WOUND. EACH RATED 5.025 MILLIHENRIES MAX. AND 4.975 MILLIHENRIES MIN AT 1.8 KC TEST FREQUENCY. APPROX 510 TURNS #38 GA EN COPPER WIRE ON CERAMIC SPOOL 76 OHMS DC RESISTANCE MAX PER WINDING AT 11/23/44 0-170179 6A-104729 DEC. 44 ISS. 1		
11/8/44 CAY:M-7407291/G1 NOV. 44 REV. 3			CAY-47482 TBK-9 R.F. COIL: RATED 22 MICROHENRIES AT 2,000 TO 18,000 KC AND 20 AMPS RF, 0.005Ω APPROX. DC RESISTANCE. 14 TURNS 3/16" X 5/16" COP- PER BAR WIRE WOUND EDGE WISE ON AIR CORE *M-7409127-1 REV 4 T-7609877-2 REV 2 T-7609876-1 REV 9 P-7704122-2 REV 5 11/9/44 S-867083 *SEE ABOVE DEC. 44			CW-47488 AN/TPS-18 RETARDATION COIL: CONSISTS OF TWO COILS DUOLATERALLY WOUND. EACH RATED 5.025 MILLIHENRIES MAX. AND 4.975 MILLIHENRIES MIN AT 1.8 KC TEST FREQUENCY. APPROX 510 TURNS #38 GA EN COPPER WIRE ON CERAMIC SPOOL 76 OHMS DC RESISTANCE MAX PER WINDING AT 11/23/44 0-170179 6A-104729 DEC. 44 ISS. 1		
ASSIGNED ISSUED			CAY-47482 TBK-9 R.F. COIL: RATED 22 MICROHENRIES AT 2,000 TO 18,000 KC AND 20 AMPS RF, 0.005Ω APPROX. DC RESISTANCE. 14 TURNS 3/16" X 5/16" COP- PER BAR WIRE WOUND EDGE WISE ON AIR CORE *M-7409127-1 REV 4 T-7609877-2 REV 2 T-7609876-1 REV 9 P-7704122-2 REV 5 11/9/44 S-867083 *SEE ABOVE DEC. 44			CW-47488 AN/TPS-18 RETARDATION COIL: CONSISTS OF TWO COILS DUOLATERALLY WOUND. EACH RATED 5.025 MILLIHENRIES MAX. AND 4.975 MILLIHENRIES MIN AT 1.8 KC TEST FREQUENCY. APPROX 510 TURNS #38 GA EN COPPER WIRE ON CERAMIC SPOOL 76 OHMS DC RESISTANCE MAX PER WINDING AT 11/23/44 0-170179 6A-104729 DEC. 44 ISS. 1		
DATE	MANUFACTURER'S DESIGNATION	MANUFACTURER'S DRAWING NUMBER	DATE	MANUFACTURER'S DESIGNATION	MANUFACTURER'S DRAWING NUMBER	DATE	MANUFACTURER'S DESIGNATION	MANUFACTURER'S DRAWING NUMBER

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NAVSHIPS 900,109

NAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION	NAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION	NAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION
CNA-47492 TEB R.F. CHOKE: RATED 2.5 MH AT 125 MA. DC RESISTANCE 50 OHMS.	11/24/44 R1000 DEC. 44		CAY-47500 TBM R.F. COIL VARIABLE RATED 3000 KC. INDUCTANCE 30 MICROHENRIES. 26 TURNS OF #12 SOLID SILVER WIRE. 0.034 Ω D.C. RESISTANCE. SAME AS -47501 EXCEPT NOT MECHANICALLY INTERCHANGEABLE. CANCELLED *CAY:T-7608084 REV 0 12/1/44 MAY 45	12/11/44 DEC. 44	CAY:T-7606012P-2 REV 18 *	CAI-47507 TS-28/UPN R.F. COIL SLUG TUNED, VARIABLE FROM 575 TO 880 MH. CONSISTS OF 7500 TURNS OF #38-S-NYE, 4 KC 900 OHMS DC RESISTANCE.	12/11/44 DEC. 44	COL:B-13H-6293 REV. A
CASB-47493 AN/APA-17A R.F. CHOKE: RATED 15 MH ±3%. WOUND WITH 940 TURNS #36 SINGLE SILK ENAMEL WIRE WITH DUAL LATERAL WINDING; 40Ω DC RES. ±5%.	11/29/44 915 MAY 45	CKB:36-A5019-1 REV B	CAY-47501 TBM R.F. COIL VARIABLE RATED 3000 KC. INDUCTANCE 30 MICROHENRIES. 26 TURNS OF #12 SOLID SILVER WIRE. FULL HARD. 0.034 Ω D.C. RESISTANCE. SAME AS -47500 EXCEPT NOT MECHANICALLY INTERCHANGEABLE. CANCELLED *CAY:T-7608084 REV 0 12/7/44 MAY 45	12/13/44 DEC. 44	CAY:T-7606012P-1 REV 18	CAY-47508 TBM-3.-4.-5 R.F. CHOKE RATED 5.5 MILLIHENRIES ± 10% AT 1000 CYCLES. DC RESISTANCE 60 OHMS. RATED 10 WATTS, 100 MA. 1056 TURNS #38 SSE WIRE. 4 PARTS TO CHOKE COIL, 264 TURNS EACH PART - 1056 TOTAL, WOUND AT 2 CROSSES PER TURN. FERRULE TYPE. 12/13/44 #12731 DEC. 44	12/13/44 DEC. 44	CAY:K-7808974 SUB. 7
CASB-47494 AN/APA-17A R.F. CHOKE: RATED 5 MH ±3%. WOUND WITH 555 TURNS #36 SINGLE SILK ENAMEL WIRE WITH DUAL LATERAL WINDING. 40Ω DC RES. ±5%.	11/29/44 905 MAY 45	CKB:36-A5020-1	-47502 TEB R.F. COIL 31 TURNS #22 D.C.C. WIRE, TAPPED 2 1/2 TURNS FROM END. WOUND ON 1 1/4" DIA. IS-OLANTITE COIL FORM.	12/7/44 DEC. 44	CYV:15-64 CNA:XR-16	CAY-47509 TBM-1.-2.3.-4.-5 R.F. CHOKE RATED 2.25 MILLIHENRIES, ± 10%, AT 1000 CYCLES. DC RESISTANCE 39 OHMS. RATED 10 WATTS 125 MA. 904 TURNS #28 SSE WIRE. 4 PARTS TO CHOKE COIL, 226 TURNS EACH PART. TOTAL TURNS 904 - WOUND AT 2 CROSSES PER TURN. WIRE WEIGHT .0079 FERRULE TYPE. 12/13/44 DEC. 44	12/13/44 DEC. 44	CAY:K-7808974 SUB 7
CASB-47495 AN/APA-17A R.F. CHOKE: RATED 2.5 MH ±5%. 0.2 AMP CURRENT COIL 626 TURNS #24 SOLID DOUBLE SILK COVERED WIRE, VACUUM IMPREGNATED. WOUND ON 1/2" DIA. UNGLAZED STEATITE CORE. 9Ω ±5% DC RES.	11/29/44 902 MAY 45	CKB:36-5A006-1	CNA-47503 TEB R.F. COIL 21 TURNS CT #14 TINNED WIRE, WOUND ON 2 1/2" D CERAMIC COIL FORM WINDING 3" LONG. INDUCTANCE 15.6 ±10% MICROHENRIES AT 2000 KC. Q=233±30.	12/7/44 MAY 45	CYV:PW15-90 CNA:XR10A	CAY-47510 TBK-9 R.F. COIL RATED 20 MICROHENRIES, 1000 TO 2000 KC. 0.10 AMPS, 0.006 OHMS DC RESISTANCE. 1000 VOLTS DC TO GROUND. 15 TURNS OF 1/2 X 1/16 STRIP COPPER WIRE TAPPED AT 8 1/3 9 1/2, 10 1/4, 11 1/16, 12 1/3, 14 1/2 *CAY:M-7406185 REV 4 12/15/44 DEC. 44	12/15/44 DEC. 44	CAY:K-7810311-G1 REV 11*
CAY-47496 TBM-3-4-5 COIL: R.F. RATED 3000 KC. INDUCTANCE 21 MICROHENRIES, 27 TURNS #16 TINNED WIRE. 0.0598 OHMS D.C. RESISTANCE. COIL TAPPED AT 2, 10, 15, 18 AND 21 TURNS FROM FINISH END.	12/2/44 DEC. 44	CAY:P-7707847G-3 REV 5	CAY-47504 TBM R.F. CHOKE RATED 800 MICROHENRIES, 500 VOLTS, 75 TURNS OF #24 D.C.C. E WIRE. 1.03 Ω D.C. RESISTANCE.					CAY-47510 TURNS.
CAY-47497 TBM-2 COIL R.F. RATED 3000 KC. INDUCTANCE 22 MICROHENRIES. 28 TURNS OF #16 TINNED WIRE. 0.0575 OHMS D.C. RESISTANCE. COIL TAPPED AT 1, 12, 19, 23 AND 25 TURNS FROM START END. 500 VOLTS TO GROUND.	12/2/44 DEC. 44	CAY:P-7707847G-4 REV 5	*CAY:M-7407292P-1 REV 0 12/8/44 DEC. 44		CAY:M-7407291G-1 REV 3			
CAY-47498 TBM R.F. COIL RATED 3000 KC. INDUCTANCE 22 MICROHENRIES. 27 TURNS OF #16 TINNED WIRE 0.0575 OHMS D.C. RESISTANCE. COIL TAPPED ON 3, 6, 11, AND 22 TURNS FROM FINISH END. 600 VOLTS TO GROUND.	12/2/44 DEC. 44	CAY:M-7407297G-2 REV 7	COL-47505 TCZ-1 ANTENNA LOADING COIL CONSISTS OF TWO L SECTION NETWORKS: ONE SECTION FOR RANGE 200 TO 575 KC AND ONE FOR RANGE 575 TO 1500 KC. SERIES ELEMENT CONSISTS OF COIL & A 480 TO 380 MICROHENRY VARIOMETER & SHUNT ELEMENT IS A 0.0007 MFD, 2500 DC WORKING CAPACITOR. 12/9/44 180H-4 DEC. 44		5021715005			
CAY-47499 TBM R.F. COIL RATED 3000 KC. INDUCTANCE 21 MICROHENRIES. 27 TURNS OF #16 TINNED WIRE. 0.0598 Ω DC RESISTANCE. COIL TAPPED ON 6, 11 AND 23 TURNS FROM START END. 27 TURNS TOTAL CENTRALLY SPACED. *CAY:P-7706036/P2 REV 9 12/6/44 DEC. 44			COL-47505 HAS R.F. AMMETER IN SERIES WITH SHUNT ELEMENT. A STATIC DRAIN CHOKE IS CONNECTED FROM ANTENNA TERMINAL TO GROUND. ANTENNA TRANSFER RELAY WITH 28 VOLT COIL IS ALSO INCORPORATED.					
			CBM-47506 NJ-3, 4, 7, 9 R.F. COIL RATED 110 MICROHENRIES, 4000 TURNS OF #36 WIRE, 120 Ω IN AIR 120 Ω IN SHIELD CAN D.C. RES. COIL TAPPED 100TH TURN.	12/11/44 DEC. 44	734-244 CBM:734-244-T			
						CAI-47512 TS-28/UPN R.F. COIL: RATED 1 KC. CONSISTS OF TWO .009 MFD, 300V CAPACITORS AND A SLUG TUNED COIL, INDUCTANCE VARIABLE FROM 575 TO 880 MILLIHENRIES, CONSISTING OF 7500 TURNS OF #38-S-NYE WIRE TAPPED AT 4400 TURNS.	12/17/44 DEC. 44	B-13H-6925 REV. 0
						CFW-47511 SO-7M/7N INDICATOR VIDEO PLATE CHOKE RATED INDUCTANCE 17.4 MICROHENRIES ±5%. SELF-RESONANT AT 30 MEGACYCLES ±10%. 50 TURNS OF #34 DSE WIRE APPROX. 1.2Ω DC RES. *CRP:M-7406185 REV 14 12/18/44 13087 & FEB. 45 12756	12/18/44 FEB. 45	CRP:K-7810311-G1 REV 11 *
						CAI-47513 TS-28/UPN R.F. COIL: RATED 500 KC, 27 MHFDS "Q" IN CAN IS 60, CONSISTS OF A 15 MHFO CAPACITOR AND A 3900 OHM RESISTOR AND SLUG TUNED COIL OF 350 TURNS OF 3-41S CELE WIRE TAPPED AT 175 TURNS.	12/17/44 DEC. 44	B-13D-6295 REV. 0

Class 47—R-F Transformers—Inductors—Chokes

3.47-25

NAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION	NAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION	NAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION
CAI-47514	TS-28/UPN		CASH-47521	TDU-a		CASH-47529	TDU-a	
R.F. COIL: RATED 100 KC. 47.5 MHFDS. "Q" IN CAN IS 50. CONSISTS OF A 450 MMFD CAPACITOR AND 4750 OHMS, 1/2 WATT RESISTOR, AND SLUG TUNED COIL, 800 TURNS OF #3-41S CELE WIRE TAPPED AT 400 TURNS.			RF COIL: FREQ. RANGE 1.7 TO 2.6 MC. USED IN FIRST AMPLIFIER. FREQUENCY VARIED BY SHORTING OUT TURNS.			RF COIL: FREQ. RANGE 3.7 TO 5.0 MC. USED IN SECOND AMPLIFIER. FREQ. VARIED BY SHORTING OUT TURNS.		
12/17/44 DEC. 44	B-13D-6294 REV. 0		12/19/44 MAY 45	C-15125-G101 SUB 0		12/19/44 MAY 45	C-15108-G101 SUB 0	
CAI-47515	TS-28/UPN		CASH-47522	TDU-a		CASH-47530	TDU-a	
R.F. COIL: RATED 40 KC. 800 MMFDS "Q" IN CAN IS 40. CONSISTS OF A 850 MMFD CAPACITOR AND 4750 OHM 1/2 WATT RESISTOR, SLUG TUNED COIL OF 1400 TURNS OF 3-41S CELE WIRE TAPPED AT 700 TURNS.			RF COIL: FREQ. RANGE 2.6 TO 4.0 MC. USED IN FIRST AMPLIFIER. FREQUENCY VARIED BY SHORTING OUT TURNS.			RF COIL: FREQ. RANGE 5.0 TO 7.3 MC. USED IN SECOND AMPLIFIER. FREQ. VARIED BY SHORTING OUT TURNS.		
12/17/44 DEC. 44	B-13D-6296 REV. 0		12/19/44 MAY 45	C-15125-G102 SUB 0		12/19/44 MAY 45	C-15106-G101 SUB 1	
CFW-47516	DAS-6,DAS-2b		CASH-47523	TDU-a		CASH-47531	TDU-a	
R.F. TRANSFORMER ASSEMBLY:			RF COIL: FREQ. RANGE 4.0 TO 6.8 MC. USED IN FIRST AMPLIFIER. FREQUENCY VARIED BY SHORTING OUT TURNS.			RF COIL: FREQ. RANGE 7.3 TO 11.0 MC. USED IN SECOND AMPLIFIER. FREQ. VARIED BY SHORTING OUT TURNS.		
12/20/44 DEC. 44	13279		12/19/44 MAY 45	C-15125-G103 SUB 0		12/19/44 MAY 45	C-15105-G101 SUB 0	
CAY-47517	RBM		CASH-47524	TDU-a		CASH-47532	TDU-a	
CHOKE COIL 1ST I.F.: PRIMARY WINDING RATED 3600 MICROHENRIES 140 KC, 565 1/2 TURNS OF #34SSE WIRE, 23.1Ω DC RES. SECONDARY WINDING RATED INDUCTANCE 4995 MICROHENRIES, 650 TURNS OF #34SSE WIRE TAPPED AT 460 TURNS, 28.1Ω DC RES.; TERTIARY WINDING RATED			RF COIL: FREQ. RANGE 6.8 TO 9.5 MC. USED IN FIRST AMPLIFIER. FREQUENCY VARIED BY SHORTING OUT TURNS.			RF COIL: FREQ. RANGE 11.0 TO 15.0 MC. USED IN SECOND AMPLIFIER. FREQ. VARIED BY SHORTING OUT TURNS.		
12/21/44 DEC. 44	CAY:T-7607404 P 18 REV. 19		12/19/44 MAY 45	C-15125-G104 SUB 0		12/19/44 MAY 45	C-15104-G101 SUB 0	
CAY-47517			CASH-47525	TDU-a		CASH-47533	TDU-a	
INDUCTANCE 31.5 MICROHENRIES, 29 1/2 TURNS OF #36SSE WIRE, 2.9Ω DC RES.			RF COIL: FREQ. RANGE 9.5 TO 14.5 MC. USED IN FIRST AMPLIFIER. FREQUENCY VARIED BY SHORTING OUT TURNS.			RF COIL: FREQ. RANGE 15.0 TO 22.0 MC. USED IN SECOND AMPLIFIER. FREQ. VARIED BY SHORTING OUT TURNS.		
12/19/44 MAY 45	C-15125-G105 SUB 0		12/19/44 MAY 45	C-15125-G106 SUB 0		12/19/44 MAY 45	C-15103-G101 SUB 0	
CAY-47518	RBM		CASH-47526	TDU-a		CASH-47534	TDU-a	
R.F. CHOKE: RATED INDUCTANCE 305 MICROHENRIES, 360 TO 650 KC, 147.5 TURNS OF #36SSE WIRE TAPPED AT 23.5 AND 38 TURNS, 12.8Ω DC RESISTANCE.			R.F. COIL: FREQ. RANGE 14.5 TO 22.0 MC. USED IN FIRST AMPLIFIER. FREQUENCY VARIED BY SHORTING OUT TURNS.			PLATE CHOKE FOR OPERATION FROM 2 TO 18 MC.		
12/21/44 DEC. 44	CAY:T-7607404 P 14 REV. 19		12/19/44 MAY 45	C-15125-G106 SUB 0		12/19/44 JAN. 45	C-15101-G101	
CAY-47519	RBM		CASH-47527	TDU-a		CASH-47535	TDU-a	
R.F. CHOKE: RATED INDUCTANCE 142 MICROHENRIES, 650 TO 1140 KC, 85.5 TURNS OF #36SSE WIRE TAPPED AT 13.5 AND 28 TURNS, 7.1Ω DC RES.			RF COIL: FREQ. RANGE 2.6 TO 3.7 MC. USED IN SECOND AMPLIFIER. FREQUENCY VARIED BY SHORTING OUT TURNS.			PLATE CHOKE FOR OPERATION FROM 18 TO 22 MC.		
12/21/44 DEC. 44	CAY:T-7607404 P 15 REV. 19		12/19/44 MAY 45	C-15110-G101 SUB 1		12/19/44 JAN. 45	C-15101-G102	
CAY-47520	RBM		CASH-47528	TDU-a		CAY-47536	RBM	
R.F. CHOKE: RATED INDUCTANCE 735 MICROHENRIES, 200 TO 360 KC, 255.5 TURNS OF #36SSE WIRE TAPPED AT 20.5 AND 100 TURNS, 20.4Ω DC RES.			RF COIL: FREQ. RANGE 2.0 TO 2.6 MC. USED IN SECOND AMPLIFIER. FREQ. VARIED BY SHORTING OUT TURNS.			R.F. CHOKE COIL: RATED INDUCTANCE 64.0 MICROHENRIES, 1140 TO 2000 KC, 90.5 TURNS OF #36E WIRE, TAPPED AT 18.5 AND 35 TURNS FROM START 6.7Ω DC RES.		
12/21/44 DEC. 44	CAY:T-7607404 P 13 REV. 19		12/19/44 MAY 45	C-15110-G102		12/21/44 DEC. 44	CAY:T-7607404 P 16 REV. 19	
		ASSIGNED ISSUED			ASSIGNED ISSUED			
DATE	MANUFACTURER'S DESIGNATION	MANUFACTURER'S DRAWING NUMBER	DATE	MANUFACTURER'S DESIGNATION	MANUFACTURER'S DRAWING NUMBER	DATE	MANUFACTURER'S DESIGNATION	MANUFACTURER'S DRAWING NUMBER

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NAVSHIPS 900,109



NAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION	NAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION	NAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION
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CAY-47537 RBM  
 I.F. CHOKE COIL:  
 PRIMARY WINDING RATED INDUCTANCE 5254 MICROHENRIES, 140 KC, 670 1/2 TURNS OF #34SSE WIRE TAPPED AT 335 TURNS WOUND CLOCKWISE, 28.6Ω DC RES; SEC. WINDING RATED INDUCTANCE 6107 MICROHENRIES, 670 TURNS OF #34SSE WIRE TAPPED AT 335 TURNS.  
 12/22/44 CAY:T-7607404  
 DEC. 44 P 19 REV. 19

CAY-47541 RBM  
 R.F. CHOKE:  
 PRIMARY WINDING INDUCTANCE 296 MICROHENRIES, 650 TO 1140 KC, 390 1/2 TURNS OF #38SSE WIRE, WOUND COUNTER CLOCKWISE, 2.6Ω DC RES; SECONDARY WINDING RATED INDUCTANCE 3943 MICROHENRIES, 93 TURNS OF 19-#44 LITZ SEE WIRE, WOUND CLOCKWISE.  
 12/22/44 CAY:T-7607404  
 DEC. 44 P 3 REV. 19

CAY-47545  
 52Ω DC RES.

CAY-47537  
 WOUND CLOCKWISE, 29.0Ω DC RES; TER. WINDING 28 1/2 TURNS OF #36SSCE WIRE, WOUND COUNTER-CLOCKWISE, 3.2Ω DC RES.

CAY-47541  
 54Ω DC RES.

CAY-47546 RBM  
 R.F. CHOKE:  
 PRIMARY WINDING RATED INDUCTANCE 89.2 MICROHENRIES, 360 TO 650 KC 60 2/3 TURNS OF #38 SSE WIRE. 7.4Ω DC RES; SEC. WINDING RATED INDUCTANCE 958 MICROHENRIES, 360 TO 650 KC 205 TURNS OF #38 SSE WIRE, TAPPED AT 107 1/2 TURNS, 25.3Ω DC RES.  
 12/23/44 CAY:T-7607404  
 JAN. 45 P-16 REV. 19

CAY-47538 RBM  
 I.F. CHOKE COIL:  
 PRIMARY WINDING RATED INDUCTANCE 4750 MICROHENRIES, 140 KC, 645 1/2 TURNS OF #34SSE WIRE TAPPED AT 130 TURNS, WOUND CLOCKWISE, 28.3Ω DC RES.; SECONDARY WINDING RATED INDUCTANCE 5034 MICROHENRIES, 660 TURNS OF #34SSE WIRE.  
 12/22/44 CAY:T-7607404  
 DEC. 44 P-20 REV. 19

CAY-47542 RBM  
 R.F. CHOKE:  
 PRIMARY WINDING INDUCTANCE 368.5 MICROHENRIES, 200 TO 360 KC, 124 2/3 TURNS OF #38 SSE WIRE, WOUND CLOCKWISE, 15.6Ω DC RES; SECONDARY WINDING INDUCTANCE 3085 MICROHENRIES, 200 TO 360 KC, 415 TURNS OF #38SSE WIRE, WOUND CLOCKWISE.  
 12/22/44 CAY:T-7607404  
 DEC. 44 P 9 REV. 19

CAY-47547 RBM  
 R.F. CHOKE:  
 PRIMARY WINDING RATED INDUCTANCE 41.1 MICROHENRIES, 650 TO 1140 KC, 39 2/3 TURNS OF #38 SSE WIRE; 4.9Ω DC RES; SECONDARY WINDING RATED INDUCTANCE 275 MICROHENRIES, 650 TO 1140 KC, 120 TURNS OF 3-#41 LITZ SSE WIRE, TAPPED AT 60 1/2 TURNS.  
 12/26/44 CAY:T-7607404  
 JAN. 45 P-7 REV. 19

CAY-47538  
 WOUND CLOCKWISE.

CAY-47543  
 52Ω DC RES.

CAY-47547  
 TURNS, 9.0Ω DC RES.

CAY-47539 RBM  
 R.F. CHOKE:  
 PRIMARY WINDING RATED INDUCTANCE 9387 MICROHENRIES, 36 TO 650 KC, 600 1/2 TURNS OF #38SSE WIRE, WOUND COUNTER CLOCKWISE, 91Ω DC RES; SECONDARY WINDING RATED INDUCTANCE 1117 MICROHENRIES 360 TO 65 KC, 190 TURNS OF 7 #41 LITZ  
 12/22/44 CAY:T-7607404  
 DEC. 44 P 2 REV. 19

CAY-47543 RBM  
 R.F. CHOKE:  
 PRIMARY WINDING INDUCTANCE 90.0 MICROHENRIES, 36 TO 650 KC, 60 2/3 TURNS OF #38SSE WIRE, WOUND CLOCKWISE, 7.4Ω DC RES; SECONDARY WINDING INDUCTANCE 945.5 MICROHENRIES, 360 TO 650 KC, 205 TURNS OF #36SSE WIRE, WOUND CLOCKWISE, 25.3Ω  
 12/22/44 CAY:T-7607404  
 DEC. 44 P 10 REV. 19

CAY-47548 RBM  
 R.F. CHOKE:  
 PRIMARY WINDING RATED INDUCTANCE 951 MICROHENRIES, 1140 TO 2000 KC, 193 1/2 TURNS OF #38 SSE WIRE, 25.5Ω DC RES; TWO SEC. WINDINGS CONNECTED IN SERIES RATED INDUCTANCE 95.6 MICROHENRIES, 1140 TO 2000 KC, 72 TURNS OF 30-#44 LITZ SSE  
 12/26/44 CAY:T-7607404  
 JAN. 45 P-4 REV. 19

CAY-47539  
 SSE WIRE, WOUND CLOCKWISE, 7.8Ω DC RES.

CAY-47543  
 DC RES.

CAY-47548  
 WIRE, 1.4Ω DC RES.

CAY-47540 RBM  
 R.F. CHOKE:  
 PRIMARY WINDING RATED INDUCTANCE 36075 MICROHENRIES, 200 TO 360 KC, 1300 TURNS OF #38SSE WIRE WOUND COUNTER CLOCKWISE; SECONDARY WINDING RATED INDUCTANCE 3753 MICROHENRIES, 200 TO 360 KC, 340 TURNS OF 7 - #41 LITZ SSE WIRE WOUND CLOCKWISE  
 12/22/44 CAY:T-7607404  
 DEC. 44 P 1 REV. 19

CAY-47544 RBM  
 R.F. CHOKE:  
 PRIMARY WINDING RATED INDUCTANCE 41.7 MICROHENRIES, 650 TO 1140 KC, 39 2/3 TURNS OF #38 SSE WIRE, 4.9Ω DC RES; SECONDARY WINDING RATED INDUCTANCE 275.3 MICROHENRIES, 650 TO 1140 KC, 121 TURNS OF 3-#41 LITZ SSE WIRE, 9.0Ω DC RES.  
 12/23/44 CAY:T-7607404  
 JAN. 45 P-11 REV. 19

CAY-47549 RBM  
 R.F. CHOKE:  
 PRIMARY WINDING INDUCTANCE 11.3 MICROHENRIES, 1140 TO 2000 KC, 19 2/3 TURNS OF #38 SSE WIRE, 2.2Ω DC RES; TWO SEC. WINDINGS CONNECTED IN SERIES RATED: INDUCTANCE 95.6 MICROHENRIES, 1140 TO 2000 KC, 72 TURNS OF 30-#44 LITZ SSE WIRE.  
 12/26/44 CAY:T-7607404  
 MAY 45 P-4 REV. 19

CAY-47540  
 6.9Ω DC RES.

CAY-47545 RBM  
 R.F. CHOKE:  
 PRIMARY WINDING RATED INDUCTANCE 377 MICROHENRIES, 200 TO 360 KC, 124 2/3 TURNS OF #38 SSE WIRE, 15.6Ω DC RES; SECONDARY WINDING RATED INDUCTANCE 3120 MICROHENRIES, 200 TO 360 KC, 423 TURNS OF #38 SSE WIRE TAPPED AT 230 1/2 TURNS.  
 12/23/44 CAY:T-7607404  
 JAN. 45 P-5 REV. 19

CAY-47549  
 1.4Ω DC RES; SAME AS -47549A EXCEPT SEC #1 OF LATTER IS TAPPED AT 34 1/2 TURNS.

DATE	MANUFACTURER'S DESIGNATION	MANUFACTURER'S DRAWING NUMBER	ASSIGNED ISSUED	DATE	MANUFACTURER'S DESIGNATION	MANUFACTURER'S DRAWING NUMBER	ASSIGNED ISSUED	DATE	MANUFACTURER'S DESIGNATION	MANUFACTURER'S DRAWING NUMBER	ASSIGNED ISSUED
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Class 47—R-F Transformers—Inductors—Chokes

3.47-27

NAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION	NAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION	NAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION		
CAY- 47549-A RBM R.F. CHOKE PRIMARY WINDING INDUCTANCE 11.3 MICROHENRIES, 1140 TO 2000 KC, 19 2/3 TURNS OF #38 SSE WIRE, 2.2Ω DC RES; TWO SEC. WINDINGS CONNECTED IN SERIES RATED: INDUCTANCE 93.5 MICROHENRIES, 1140 TO 2000 KC, 72 TURNS OF 30-#44 LITZ SSE WIRE 12/26/44 FEB. 45		CAY:7-7607404P-8 REV 19	CAY- 47556 TBL-3 R.F. COIL:  CANCELLED	12/30/44 JAN. 45	CAYEL-340136	CZC- 47560 SPACER; 0.07Ω DC RES; MAX IMPREGNATED.				
CAY-47549-A TAPPED AT 34 1/2 TURNS, 1.4Ω DC RES.; SAME AS 47549 EXCEPT SEC. #1 TAPPED AT 34 1/2 TURNS.			CFT- 47557 DAQ ANTENNA COIL: WOUND IN 2 SECTIONS. PRI. CONSISTS OF 8 1/2 TURNS #30 B & S ENAMEL COPPER WIRE 2.04 MICROHENRIES INDUCTANCE AT 1000 CYCLES, 0.17 OHMS DC RESISTANCE. SECONDARY CONSISTS OF 51 1/2 TURNS OF 7 #41 88S SSC WIRE, 29.2 MICROHENRIES INDUCT- 1/3/45 F-37888-1 F-37888-1 FEB. 45 ISS. F			CZC- 47561 RBO IF TRANSFORMER: SLUG TUNED; PRIMARY 455 KC; INDUCTANCE 350 MICROHENRIES AT 10V, 1000 CYCLES, 162 TURNS OF 7-41 SINGLE CELANESE LITZ, 4.89Ω DC RES; SEC 455 KC, INDUCTANCE 320 MICROHENRIES 10V 1000 CYCLES, 162 TURNS OF 7-#41 SINGLE CELANESE LITZ, 1/5/45 5063 CZC:5063 MAR. 45 ISS. 2				
CAY- 47550 RBM ADJUSTABLE, IRON CORE CHOKE: RATED INDUCTANCE 4500 MICROHENRIES; 140 KC; 120 TURNS OF #34 SEE WIRE; 5.12Ω DC RESISTANCE; SLUG TUNED; RATING WITH CORE IN. CAY:7-7607404 P21 REV 19, T-7607939 G-1 REV. 12, K-7814564 P-1 REV. 0 12/27/44 MAY 45		CAY:7-7607404 P21 REV 19, T-7607939 G-1 REV. 12, K-7814564 P-1 REV. 0 12/27/44 MAY 45	CFT- 47557 ANCE AT 1000 CYCLES, 107 OHMS DC RESISTANCE. MUTUAL INDUCTANCE 1.43 MH.			CZC- 47561 4.78Ω DC RES; 6 COUPLING TURNS TAPPED AT 3 TURNS ARE WOUND UNDER PRIMARY AND ARE CONNECTED IN SERIES WITH SEC. IN CIRCUIT; MAX IMPREGNATED.				
CAY- 47551 RBM REACTOR, R.F. LOW VOLTAGE: RATED INDUCTANCE 20 MICROHENRIES; APPROX 23 TURNS OF #14 EN CU WIRE, 0.022Ω DC RES.		CAY:P-7708329 G1 REV. 1	CFT- 47558 DAQ ANTENNA COIL: WOUND IN 2 SECTIONS. PRIMARY CONSISTS OF 5 1/2 TURNS #26 B&E COPPER WIRE, 0.05 OHM DC RESISTANCE, INDUCTANCE 1.0 MICROHENRIES AT 1000 CYCLES. SECONDARY CONSISTS OF 24 1/2 TURNS OF #26 B&E COPPER WIRE, 0.19 OHMS DC RESISTANCE. IN- 1/3/45 F-37887-1 F-37887-1 FEB. 45 ISS. F			CZC- 47562 RBO TRANSFORMER, IF: SLUG TUNED; PRIMARY 455 KC, INDUCTANCE 325 MICROHENRIES AT 10V, 1000 CPS, 155 TURNS OF 7-141 SINGLE CELANESE LITZ WIRE 4.65Ω DC RES; SEC. 455 KC INDUCTANCE 320 MICROHENRIES AT 10V, 1000 CPS, 162 TURNS OF 7-#41 SINGLE CELANESE LITZ WIRE 1/5/45 5062 CZC:5062 MAR. 45 ISS. 2				
CASU- 47552 TS-120/UP R.F. CHOKE: RATED 10 MICROHENRIES ±5% 56 TURNS OF #32 E COPPER WIRE ON A BAKELITE CORE.			CFT- 47558 DUCTANCE 6.7 MICROHENRIES AT 1000 CYCLES MUTUAL INDUCTANCE .41 MICROHENRIES.			CZC- 47562 4.78Ω DC RES; 6 COUPLING TURNS TAPPED AT 3 TURNS WOUND UNDER PRI. AND CONNECTED IN SERIES WITH SECONDARY IN CIRCUITS; MAX IMPREGNATED.				
12/30/44 CH-104 MAY 45		CRB:CK-1016A								
CFE- 47553 DAS-1b R.F. COIL ASSEMBLY: CONSISTS OF 4 COILS MOUNTED IN ALUMINUM CAN. EACH COIL CONSISTS OF 118 TURNS, #34 PLAIN ENAMELED WIRE, FREQUENCY 1.54 TO 2.34 MC±10%, CAPACITY 50 MMF, MIN Q 40. EACH COIL SLUG TUNED. *CFE:K-35,480 ISS 0 300.437 ISS 0 12/29/44 35.480 CFE:35.485 ISS 0 JAN. 45 *SEE ABOVE			CZC- 47559 RBO I.F. TRANSFORMER: SLUG TUNED; PRI. 455 KC; INDUCTANCE WITHOUT IRON CORE, 835 MH AT 10V, 1000 CPS 210 TURNS OF #34 EN. COPPER WIRE, 1Ω DC RES, TWO SEC. WINDINGS CONNECTED IN SERIES RATED; INDUCTANCE, WITHOUT IRON CORE 1.45 MILLIHENRIES AT 10V, 1/4/45 5064 CZC:5064 MAR. 45 ISS. 2			CZC- 47563 RBO RF TRANSFORMER: PRI. INDUCTANCE 0.5 MICROHENRIES AT 10V, 1000 CPS, 3 1/8 TURNS OF #24 EN COPPER WIRE WITH #18 SPACER, 0.023Ω DC RES. SEC SLUG TUNED, INDUCTANCE 1.02 MICROHENRIES (WITHOUT IRON CORE), G 3/8 TURNS OF #24 EN COPPER WIRE WITH #18 SPACER, 0.037Ω 1/5/45 5061 CZC:5061 MAR. 45 ISS. 1				
CFE- 47554 DAS-1b R.F. COIL ASSEMBLY: CONSISTS OF 4 COILS MOUNTED IN ALUMINUM CAN. EACH COIL CONSISTS OF 24 1/2 TURNS #34 PLAIN ENAMELED WIRE, FREQUENCY 2.45 TO 3.45 MC±10% CAPACITY 215 MMF, MIN Q 55. EACH COIL SLUG TUNED. *CFE:35.481 ISS 0 300.436 ISS 0 12/29/44 35.481 CFE:35.484 ISS 0 JAN. 45 *SEE ABOVE			CZC- 47559 1000 CPS, 320 TURNS OF #34 EN COPPER SC WRAP WIRE, 17.4Ω DC RES; MAX IMPREGNATED.			CZC- 47563 DC RES; MAX IMPREGNATED.				
-47555 US R.F. CHOKE: INDUCTANCE 0.3 MILLIHENRY. 3 PIE WINDINGS ON 1/4" FORM.			CZC- 47560 RBO RF TRANSFORMER: PRIMARY RATED 0.74 MICROHENRIES AT 10 VOLTS, 1000 CPS, 4 1/8 TURNS OF #24 EN COPPER WIRE USING, #24 SPACER; 0.03Ω DC RES; SEC. SLUG TUNED RATED 2.9 MICROHENRIES (WITHOUT IRON CORE), 12 3/8 TURNS OF #24 EN COPPER WIRE, USING #24 1/4/45 5057 CZC:5057 MAR. 45 ISS. 1			CZC- 47564 RBO RF COIL: RATED 1.85 MICROHENRIES AT 10 VOLTS, 1000 CPS, 6 1/2 TURNS OF #30 EN COPPER WIRE CLOSE WOUND, 0.16Ω DC RES; MAX IMPREGNATED; ELECTROSTATIC SHIELD USED BUT NOT INCLUDED IN TYPE NO. 1/19/45 5058 CZC:5058 MAR. 45 ISSUE 1				
12/30/44 JAN. 45		CDU:DD-3222-A-1								
DATE	MANUFACTURER'S DESIGNATION	MANUFACTURER'S DRAWING NUMBER	ASSIGNED ISSUED	DATE	MANUFACTURER'S DESIGNATION	MANUFACTURER'S DRAWING NUMBER	ASSIGNED ISSUED	DATE	MANUFACTURER'S DESIGNATION	MANUFACTURER'S DRAWING NUMBER

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NAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION	NAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION	NAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION
CZC-47565	R80	RF COIL: SLUG TUNED, INDUCTANCE (WITHOUT IRON CORE) 1.85 MICROHENRIES AT 10 VOLTS, 1000 CPS, 10 1/4 TURNS OF #24 EN COPPER WIRE USING #16 SPACER, 0.05Ω DC RES; WAX IMPREGNATED; ELECTROSTATIC SHIELD USED BUT NOT INCLUDED IN TYPE NUMBER. 1/19/45 5059 MAR. 45	CZC-47571	R80	R.F. TRANSFORMER PRIMARY INDUCTANCE 8.4 MICROHENRIES AT 10V, 1000 C.P.S., 12 TURNS #32 EN. COPPER WIRE, CLOSE WOUND, 0.55Ω DC RES.; SEC. SLUG TUNED INDUCTANCE (WITHOUT IRON CORE) 91 MICROHENRIES AT 10V, 1000 C.P.S. 58 3/4 TURNS OF #32 EN. COPPER, CLOSE 1/8/45 5053 MAR. 45	CZC-47575	R80	R.F. CHOKE INDUCTANCE 0.6 MICROHENRIES ±10% TOL. AT 10V, 1000 CYCLES, 1 AMP, 2 LAYER, 15 TURNS EACH LAYER OF #20 CELANESE 2 LAYER SOLID TINNED COPPER WIRE, 0.05Ω DC RES; WAX IMPREGNATED. 1/8/45 5046 MAR. 45
CFT-47566	DAQ	ANTENNA COIL ASSEMBLY: CONSISTS OF 2 WINDINGS. PRIMARY HAS 4 1/2 TURNS #26 B&S ENAMELED WIRE, INDUCTANCE 0.75 MICROHENRIES AT 1000 CYCLES; 0.04 OHMS DC RESISTANCE. SECONDARY CONSISTS OF 11 1/2 TURNS OF #20 B&S ENAMELED WIRE, INDUCTANCE 1.7 MICROHENRIES AT 1/6/45 F-57336-1 MAR. 45	CZC-47571		WOUND, 2.536Ω DC RES; WAX IMPREGNATED. CZC:5059 ISS 1	CFT-47576	DAQ	R.F. COIL PRIMARY CONSISTS OF 11 TURNS #26 EN. COPPER WIRE OF .095 OHMS DC RESISTANCE, INDUCTANCE 1.7 MICROHENRIES AT 1000 CYCLES. SECONDARY CONSISTS OF 63 TURNS OF #7-41 SSC LITZ WIRE, 2.1 OHM DC RESISTANCE INDUCTANCE 37 MICROHENRIES AT 1000 1/6/45 RF-158-3-1 MAR. 45
CFT-47566		CZC-47566 1000 CYCLES WITH .025 OHMS DC RESISTANCE MUTUAL INDUCTANCE .25 MICROHENRIES. F-57336-1 ISSUE F	CZC-47572	R80	R.F. TRANSFORMER PRIMARY INDUCTANCE 15 MICROHENRIES AT 10V, 1000 C.P.S., 15 TURNS OF #28 DOUBLE CELANESE COVERED WIRE, CLOSE WOUND, 0.3Ω DC RES.; SECONDARY, SLUG TUNED, INDUCTANCE (WITHOUT IRON CORE) 225 MICROHENRIES AT 10V, 1000 C.P.S., 110 TURNS 1/8/45 5052 MAR. 45	CFT-47576		CYCLES MUTUAL INDUCTANCE 6.2 MICROHENRIES. RF-158-3 PT 1 ISS D
CFT-47567	DAQ	ANTENNA COIL ASSEMBLY: CONSISTS OF 2 WINDINGS. PRIMARY HAS 2 1/2 TURNS #26 B&S ENAMELED COPPER WIRE, INDUCTANCE .35 MICROHENRIES AT 1000 CYCLES WITH 0.026 OHMS DC RESISTANCE; SECONDARY HAS 4 1/2 TURNS #18 B&S ENAMELED WIRE, INDUCTANCE 0.46 MICRO- 1/6/45 F-37885-1 MAR. 45	CZC-47572		CZC:5052 ISS 1	CFT-47577	DAQ	R.F. COIL PRIMARY CONSISTS OF 11 TURNS OF #26 EN. COPPER WIRE OF .095 OHMS DC RESISTANCE, INDUCTANCE 1.7 MICROHENRIES AT 1000 CYCLES. SECONDARY CONSISTS OF 30 TURNS #26 EN. COPPER WIRE, INDUCTANCE 8.6 MICROHENRIES AT 1000 CYCLES, 2.5 OHMS DC 1/6/45 RF-158-3-2 MAR. 45
CFT-47567		CZC-47567 HENRIES AT 1000 CYCLES WITH 0.008 OHMS DC RESISTANCE MUTUAL INDUCTANCE 0.05 MICROHENRIES. F-37885-1 ISSUE H	CZC-47573	R80	R.F. TRANSFORMER PRIMARY INDUCTANCE 1.58 MICROHENRIES AT 10V, 1000 C.P.S., 6 TURNS OF #28 DOUBLE CELANESE COVERED WIRE, CLOSE WOUND, 0.094Ω DC RES; SECONDARY, SLUG TUNED, INDUCTANCE (WITHOUT IRON CORE) 1.85 MICROHENRIES AT 10V, 1000 C.P.S., 10 3/4 1/8/45 5060 MAR. 45	CFT-47577		RESISTANCE. MUTUAL INDUCTANCE 2.9 MICROHENRIES. RF-158-3 PT 2 ISS D
CZC-47568	R80	RF COIL: RATED 21 MICROHENRIES AT 10 VOLTS, 1000 CPS, 19 1/2 TURNS OF #30 ENAMEL COPPER WIRE, CLOSE WOUND, 0.58Ω DC RES; WAX IMPREGNATED; ELECTROSTATIC SHIELD USED BUT NOT INCLUDED IN TYPE NUMBER. 1/19/45 5050 MAR. 45	CZC-47573		CZC:5060 ISS 1	CFT-47578	DAQ	R.F. COIL PRIMARY CONSISTS 11 TURNS #26 EN COPPER WIRE OF .095 OHMS DC RESISTANCE INDUCTANCE 1.7 MICROHENRIES AT 1000 CYCLES. SECONDARY CONSISTS OF 15 TURNS OF #26 EN COPPER WIRE OF .11 OHMS DC RESISTANCE, INDUCTANCE 2.3 MICROHENRIES AT 1000 1/6/45 RF-158-3-3 MAR. 45
CZC-47569	R80	RF COIL: SLUG TUNED, INDUCTANCE (WITHOUT IRON CORE) 225 MICROHENRIES AT 10 VOLTS, 1000 CPS, 110 TURNS OF #32 ENAMEL COPPER WIRE CLOSE WOUND 4.73Ω DC RES; WAX IMPREGNATED; ELECTROSTATIC SHIELD USED BUT NOT INCLUDED IN TYPE NUMBER. 1/19/45 5051 MAR. 45	CZC-47574	R80	R.F. TRANSFORMER PRIMARY INDUCTANCE 2.8 MICROHENRIES AT 10V, 1000 C.P.S., 8 TURNS OF #28 DOUBLE CELANESE COVERED WIRE, CLOSE WOUND, 0.14Ω DC RES; SECONDARY, SLUG TUNED, INDUCTANCE (WITHOUT IRON CORE) 4.75 MICROHENRIES AT 10V, 1000 C.P.S., 19 3/4 1/8/45 5056 MAR. 45	CFT-47578		CYCLES. MUTUAL INDUCTANCE 1.4 MICROHENRIES. RF-158-3 PT 3 ISS D
CZC-47570	R80-2	RF COIL: RATED 1.8 HILLIHERIES AT 10 VOLTS, 1000 CPS, 200 TURNS OF #34 SINGLE CELANESE WIRE, 16Ω DC RES; WAX IMPREGNATED; ELECTROSTATIC SHIELD USED BUT NOT INCLUDED IN TYPE NUMBER. 1/19/45 7304 MAR. 45	CZC-47574		CZC:5056 ISS 1	CFT-47579	DAQ	R.F. COIL PRIMARY CONSISTS OF 11 TURNS #26 EN COPPER WIRE OF .095 OHMS DC RESISTANCE, INDUCTANCE 1.7 MICROHENRIES AT 1000 CYCLES. SECONDARY CONSISTS OF 7 TURNS OF #26 EN. COPPER WIRE OF .055 OHMS DC RESISTANCE, INDUCTANCE .71 MICROHENRIES AT 1000 1/6/45 RF-158-3-4 MAR. 45
		CZC:7304 ISS. 2	CZC-47575		TURNES OF #24 EN. COPPER WIRE USING #16 SPACER, 0.11Ω DC RES.; WAX IMPREGNATED. ASSIGNED ISSUED			RF-158-3 PT 4 ISS D

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NAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION	NAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION	NAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION
		CFT-47579			CFT-47584			CFT-47588
		CYCLES. MUTUAL INDUCTANCE .72 MICROHENRIES.			MICROHENRIES AT 1000 CYCLES. MUTUAL INDUCTANCE 0.35 MICROHENRIES.			MICROHENRIES AT 1000 CYCLES. MUTUAL INDUCTANCE 0.35 MICROHENRIES.
CNA-47580	RDG	RE 13A 865	CFT-47585	DAQ		CFT-47589	DAQ	
COIL SET RANGE 0.54-0.9 MC. SIMILAR TO -47164 EXCEPT FOR MINOR MODIFICATIONS OF COMPONENTS NECESSARY BECAUSE OF DIFFERENCES OF TUNING CAPACITOR DESIGN AND LAYOUT OF COMPONENTS.			R.F. COIL PRIMARY CONSISTS OF 2 1/2 TURNS OF #30 B&S S/S EN. COPPER WIRE OF 0.06 OHMS DC RESISTANCE, INDUCTANCE 0.26 MICROHENRIES AT 1000 CYCLES. SECONDARY CONSISTS OF 4 1/2 TURNS OF #18 B&S EN. COPPER WIRE OF 0.008 OHMS DC RESISTANCE.			OSCILLATOR COIL PRIMARY CONSISTS 2 1/2 TURNS #30 B&S S/S EN. COPPER WIRE OF 0.06 OHMS DC RESISTANCE, INDUCTANCE 0.26 MICROHENRIES AT 1000 CYCLES. SECONDARY CONSISTS OF 4 1/2 TURNS #18 B&S EN. COPPER WIRE OF 0.008 OHMS DC RESISTANCE, INDUCTANCE 0.4		
1/8/45 SA:2721 MAR. 45		CNA:F951 REV 0	1/8/45 F-38052-1 MAR. 45		F-38052-1 ISS G	1/9/45 F-38051-1 MAR. 45		F-38051-1 ISS G
CNA-47581	RDG	RE 13A 865			CFT-47585			CFT-47589
COIL SET RANGE 0.9-1.7 MC. SIMILAR TO -47165 EXCEPT FOR MINOR MODIFICATION OF COMPONENTS NECESSARY BECAUSE OF DIFFERENCES OF TUNING CAPACITOR DESIGN AND LAYOUT OF COMPONENTS.					INDUCTANCE 0.4 MICROHENRIES AT 1000 CYCLES. MUTUAL INDUCTANCE 0.125 MICROHENRIES.			MICROHENRIES AT 1000 CYCLES. MUTUAL INDUCTANCE .125 MICROHENRIES.
1/8/45 SA:2720 MAR. 45		CNA:F951 REV 0						
CFT-47582	DAQ		CFT-47586	DAQ		CAY-47590	VE	
R.F. COIL CONSISTS OF 3 WINDINGS. PRIMARY CONSISTS OF 275 TURNS #38 B&S SS EN COPPER WIRE 35 OHMS DC RESISTANCE, INDUCTANCE 1815 MICROHENRIES AT 1000 CYCLES. SECONDARY CONSISTS OF 51 1/2 TURNS OF LITZ OF 7-#41 B&S SSC WIRE, 1.71 OHMS DC RESISTANCE			R.F. COIL PRIMARY CONSISTS 20 1/2 TURNS OF #30 B&S S/S EN COPPER WIRE OF 0.40 OHMS DC RESISTANCE, INDUCTANCE 10.1 MICROHENRIES AT 1000 CYCLES. SECONDARY HAS 44 1/2 TURNS OF LITZ 10-41 B&S SSC WIRE OF 1.05 OHMS DC RESISTANCE, INDUCTANCE 22.3			CONSISTS OF COIL ASSEMBLED WITH TWO CAPACITORS MOUNTED IN ALUMINUM CAN. COIL RATED 82.0KC, 15MA, INDUCTANCE 5.15 M.H. (4.75-5.45) 720 TURNS CT OF #38 SSE *CAY:M-7412104P-1 REV 2, T-7604718P-1		
1/8/45 F-38457-1 MAR. 45		CFT:F-38457-1 ISS J	1/8/45 F-38049-1 MAR. 45		F-38049-1 ISS E	1/9/45 MAR. 45		CAY:P-7711183G-2 REV 5 *
		CFT-47582			CFT-47586			CAY-47590
29.2 MICROHENRIES INDUCTANCE AT 1000 CYCLES. ALSO INCLUDES RF AND MIXER CAP. COUPLING OF 4 TURNS OF #30 B&S S/S EN COPPER WIRE. MUTUAL INDUCTANCE 1.9 MICROHENRIES.			MICROHENRIES AT 1000 CYCLES. MUTUAL INDUCTANCE 3.6 MICROHENRIES.			WIRE. 36Ω (START TO CT) 41Ω (CT TO FINISH) DC RES.		
		CFT-47583	CFT-47587	DAQ		CAY-47591	VE	
R.F. COIL PRIMARY CONSISTS OF 14 1/2 TURNS OF #30 B&S S/S EN COPPER WIRE OF .295 OHMS DC RESISTANCE. INDUCTANCE 5.75 MICROHENRIES AT 1000 CYCLES. SECONDARY CONSISTS OF 24 1/2 TURNS OF #26 B&S EN COPPER WIRE OF .185 OHMS DC RESISTANCE, INDUCTANCE			OSCILLATOR COIL PRIMARY CONSISTS OF 12 1/2 TURNS OF #30 B&S S/S EN COPPER WIRE 0.25 OHMS DC RESISTANCE, INDUCTANCE 4.5 MICROHENRIES AT 1000 CYCLES. SECONDARY HAS 23 1/2 TURNS OF #26 B&S EN COPPER WIRE OF .175 OHMS DC RESISTANCE, INDUCTANCE 6.35 MICRO-			CONSISTS OF COIL ASSEMBLED WITH TWO CAPACITORS MOUNTED IN ALUMINUM CAN. COIL RATED 16.4KC, 15MA, INDUCTANCE 29.5 M.H. (26-33) AT 1000 CYCLES, 1650 TURNS, CT. *CAY:M-7412104P-1 REV 2, T-7604718P-1		
1/8/45 F-38126-1 MAR. 45		F-38126-1 ISS E	1/8/45 F-38041-1 MAR. 45		F-38041-1 ISS E	REV 18 1/10/45 MAR. 45		CAY:P-7711183G-2 REV 5 *
		CFT-47583			CFT-47587			CAY-47591
6.75 MICROHENRIES AT 1000 CYCLES. MUTUAL INDUCTANCE 1.65 MICROHENRIES.			HENRIES AT 1000 CYCLES. MUTUAL INDUCTANCE 1.35 MICROHENRIES.			OF #38 SSE WIRE. 90Ω (START TO CT) 110Ω (CT TO FINISH) DC RES.		
		CFT-47584	CFT-47588	DAQ		CAY-47592	VE	
R.F. COIL PRIMARY CONSISTS OF 6 1/2 TURNS OF #30 B&S S/S EN COPPER WIRE OF 0.133 OHMS DC RESISTANCE. INDUCTANCE 1.35 MICROHENRIES AT 1000 CYCLES. SECONDARY HAS 11 1/2 TURNS OF #20 B&S EN COPPER WIRE OF .025 OHMS DC RESISTANCE, INDUCTANCE 1.7			OSCILLATOR COIL PRIMARY CONSISTS OF 6 1/2 TURNS OF #30 B&S S/S EN. COPPER WIRE 0.133 OHMS DC RESISTANCE, INDUCTANCE 1.35 MICROHENRIES AT 1000 CYCLES. SECONDARY CONSIST 11 1/2 TURNS #20 B&S EN. COPPER WIRE. 0.025 OHMS DC RESISTANCE, INDUCTANCE 1.7			CONSISTS OF COIL ASSEMBLED WITH TWO CAPACITORS MOUNTED IN ALUMINUM CAN. COIL RATED 4.1KC, 15MA, INDUCTANCE 121 M.H. (116-126) AT 1000 CYCLES, 3300 TURNS, CT. *CAT:M-7412104P-1 REV 2, T-7604718P-1		
1/8/45 F-38054-1 MAR. 45		F-38054-1 ISS E	1/9/45 F-37956-1 MAR. 45		F-37956-1 ISS G	REV 18 1/10/45 MAR. 45		CAY:P-7711183G-3 REV 5 *

DATE	MANUFACTURER'S DESIGNATION	MANUFACTURER'S DRAWING NUMBER	ASSIGNED ISSUED	DATE	MANUFACTURER'S DESIGNATION	MANUFACTURER'S DRAWING NUMBER	ASSIGNED ISSUED	DATE	MANUFACTURER'S DESIGNATION	MANUFACTURER'S DRAWING NUMBER
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Class 47—R-F Transformers—Inductors—Chokes

NAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION	NAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION	NAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION
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CAY-47502  
OF #38 SSE WIRE 190Ω (START TO CT), 250Ω (CT TO FINISH) DC RESISTANCE.

CC-47599 TCE  
R.F. CHOKE  
RATED 8 MILLIHENRIES INDUCTANCE WITH 4 AMPS DC THROUGH WINDING (3 VOLTS AC ACROSS TERMINALS), 12 MILLIHENRIES INDUCTANCE WITH NO DC THROUGH WINDING, 100 TURNS OF #15 B&S PAPER ENAMEL WIRE, 0.12 OHMS DC RES, TEST VOLTAGE 1500V AC  
1/11/45 #21103-E CC:28859  
MAR. 45

CZC-47603  
WIRE WOUND OVER PRIMARY, 4.2Ω DC RES; MAX IMPREGNATED.

CAY-47593 VE  
R.F. COIL ASSEMBLY  
CONSISTS OF COIL ASSEMBLED WITH THREE CAPACITORS MOUNTED IN ALUMINUM CAN. COIL RATED 1.64KC, 15MA, INDUCTANCE 295 M.H. (280-310) AT 1000 CYCLES, 4800 TURNS, CT.  
\*CAY:H-741204P-1 REV 2, T-7604710P-1  
REV 18  
1/10/45 CAY:P-7711183G-4  
MAR. 45 REV 6 \*

60 CYCLES 1 MINUTE.

CC-47599  
CZC-47604 RCH  
I.F. TRANSFORMER  
SLUG TUNED; PRIMARY, INDUCTANCE (WITHOUT IRON CORE) 400 MICROHENRIES AT 1000 C.P.S., 170 TURNS OF 7-#41 LITZ SS WIRE, 4.9Ω DC RES; SECONDARY, INDUCTANCE (WITH OUT IRON CORE) 450 MICROHENRIES AT 1000 C.P.S., 180 TURNS 7-#41 LITZ SS WIRE, 1/13/45 7614 CZC:7614  
MAR. 46 ISS 1

CAY-47593  
OF #38 SSE WIRE, 300Ω (START TO CT) 445Ω (CT TO FINISH) DC RESISTANCE.

CZC-47600 RCH  
R.F. TRANSFORMER  
PRIMARY INDUCTANCE 0.36 MICROHENRIES AT 1000 C.P.S., 3 1/4 TURNS OF #24E WIRE, 0.018Ω DC RES.; SECONDARY, SLUG TUNED, INDUCTANCE 0.45 MICROHENRIES (WITHOUT IRON CORE), 4 1/2 TURNS OF #24E WIRE, 0.026Ω DC RES, WAX IMPREGNATED.  
1/12/45 7613 CZC:7613  
MAR. 45 ISS 1

CZC-47604  
5.1Ω DC RES; ASSEMBLED WITH ONE CAPACITOR ACROSS THE PRIMARY AND ONE ACROSS THE SECONDARY, EACH CH20C101J; WAX IMPREGNATED.

CAY-47594 VE  
VIDEO PEAKING CHOKE  
RATED 60-63 MEGACYCLES, 20MA, INDUCTANCE 150 MICROHENRIES, 2 SECTIONS, 65 TURNS PER SECTION OF #34 SSE COPPER WIRE, 4Ω DC RES.  
\*CAY:P-7708624P-1 REV 7  
1/10/45 CAY:H-7412182P-1  
MAR. 45 REV 4 \*

CZC-47601 RCH  
R.F. TRANSFORMER  
PRIMARY INDUCTANCE 0.57 MICROHENRIES AT 1000 C.P.S., 3 1/2 TURNS OF #24 E WIRE, 0.023Ω DC RES; SECONDARY SLUG TUNED, INDUCTANCE (WITHOUT IRON CORE) 1.44 MICROHENRIES AT 1000 C.P.S., 7 1/2 TURNS OF #24 E WIRE, 0.047Ω DC RES; WAX  
1/12/45 7609 CZC:7609  
MAR. 45 ISS 1

CZC-47605 RCH  
I.F. TRANSFORMER  
SLUG TUNED; PRIMARY, INDUCTANCE (WITHOUT IRON CORE) 460 MICROHENRIES AT 1000 C.P.S., 183 TURNS OF 7-#41 LITZ SS WIRE, 5.1Ω DC RES; SECONDARY, INDUCTANCE (WITHOUT IRON CORE) 450 MICROHENRIES AT 1000 C.P.S., 180 TURNS OF 7-#41 LITZ SS WIRE, 1/13/45 7615 CZC:7615  
MAR. 45 ISS 1

CAY-47595 VE  
PEAKING COIL  
RATED 60-1100 CYCLES, 15MA, INDUCTANCE 2.6 M.H., 3 SECTIONS, 260 TURNS PER SECTION OF #36 SSE COPPER WIRE, 80Ω DC RES.  
\*CAY:P-7708624P-1 REV 7  
1/10/45 CAY:P-7708623G-2  
MAR. 45 REV 12 \*

IMPREGNATED.

CZC-47605  
WIRE, 5.1Ω DC RES; ASSEMBLED WITH ONE CAPACITOR ACROSS THE PRIMARY AND ONE ACROSS THE SECONDARY, EACH CH20C101J; WAX IMPREGNATED.

CSL 47596 CHT-211204  
CHOKE COIL  
RATED 415 MICROHENRIES @ 1000 CPS. 4 LAYERS OF 24 TURNS PER LAYER OF #12 GLASS COVERED SQUARE COPPER WIRE 0.042Ω DC RES. INSULATED POWDERED IRON CORE.  
\*CSL:F-6348 REV C, F-6359 REV C  
1/10/45 CSL:EN-103-L1 CHT:C-133-1  
MAR. 45 REV 0

CZC-47602 RCH  
R.F. TRANSFORMER  
PRIMARY INDUCTANCE 1.46 MICROHENRIES AT 1000 C.P.S., 6 1/2 TURNS OF #24 E WIRE, 0.04Ω DC RES. SECONDARY SLUG TUNED, INDUCTANCE (WITHOUT IRON CORE) 7.0 MICROHENRIES AT 1000 C.P.S., 18 1/2 TURNS OF #24 E WIRE, CLOSE WOUND, 0.09Ω DC RES.  
1/12/45 7605 CZC:7605  
MAR. 45 ISS 1

CZC-47606 RCH  
I.F. TRANSFORMER  
SLUG TUNED; PRIMARY, INDUCTANCE (WITHOUT IRON CORE) 400 MICROHENRIES AT 1000 C.P.S., 170 TURNS OF 7-#41 LITZ SS WIRE, 4.9Ω DC RES; SECONDARY, INDUCTANCE (WITH OUT IRON CORE) 450 MICROHENRIES AT 1000 C.P.S., 180 TURNS OF 7-#41 LITZ SS WIRE, 1/13/45 7675 CZC:7675  
MAR. 45 ISS 1

CSL-47597 CHT-211204  
CHOKE COIL  
RATED 1000 MICRO HENRIES @ 1000 CPS. 3 LAYERS OF 56 TURNS PER LAYER OF #21 DOUBLE GLASS ROUND COPPER WIRE, 0.5Ω DC RES. INSULATED POWDERED IRON CORE.  
\*CSL:F-6349 REV C, F-6359 REV C  
1/10/45 CSL:EN-103-L2 CHT:C-133-1  
MAR. 45 REV 0 \*

WAX IMPREGNATED.

CZC-47606  
5.1Ω DC RES; 100 MMFD. CAPACITOR CONN. IN PARALLEL AND 50 MMFD CAPACITOR IN SERIES WITH PRIMARY; 100 MMFD CAPACITOR AND 0.1 MEGOHM RESISTOR CONN. IN PARALLEL AND 50 MMFD CAPACITOR IN SERIES WITH SECONDARY.

CAY 47598 TCE  
R.F. CHOKE  
RATED 2.591 MILLIHENRIES, 250 MILLIAMPS AT 1000 CYCLES, COIL HAS 6 PI WITH 96 TURNS PER PI WOUND AT 4 CROSSES PER TURN OF #20 D.S. GREEN WIRE, 8 OHMS DC RES, 2000V TO GRD.  
\*CAY:P-7706301P-1 SUB 8  
1/11/45 CAY:H-7407506P-1  
MAR. 45 SUB 8 \*

CZC 47603 RCH  
R.F. TRANSFORMER  
PRIMARY INDUCTANCE 13.5 MICROHENRIES AT 1000 C.P.S., 15 TURNS OF #34 CELANESE WIRE UNIVERSAL WOUND, 0.0Ω DC RES; SECONDARY SLUG TUNED, INDUCTANCE (WITHOUT IRON CORE) 140 MICROHENRIES AT 1000 C.P.S., 65 TURNS OF #34 CELANESE COVERED  
1/13/45 7601 CZC:7601  
MAR. 45 ISS 1

CZC-47607 RCH  
R.F. TRANSFORMER  
PRIMARY INDUCTANCE 1.2 M.H. AT 1000 C.P.S., 190 TURNS OF #34 S CELANESE COVERED WIRE, 12.4Ω DC RES; SEC., SLUG TUNED, INDUCTANCE (WITHOUT IRON CORE) 9.5 M.H. AT 1000 C.P.S., 2 PI WINDINGS 365 TURNS EACH OF #34 S CELANESE COVERED  
1/15/45 7595 CZC:7595  
MAR. 45 ISS 1

DATE	MANUFACTURER'S DESIGNATION	MANUFACTURER'S DRAWING NUMBER	ASSIGNED ISSUED	DATE	MANUFACTURER'S DESIGNATION	MANUFACTURER'S DRAWING NUMBER	ASSIGNED ISSUED	DATE	MANUFACTURER'S DESIGNATION	MANUFACTURER'S DRAWING NUMBER
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		CZC-47607	CW-47614	TS-5/AP		CATP-47620	DAS-4	
		WIRE, 44.5Ω DC RES; WAX IMPREGNATED, ELECTROSTATIC SHIELD USED.	RETARDATION COIL RATED 9.7 MILLIHENRIES ADJUSTABLE TO ±5% AT 80KC AND 0 AMP. (SLUG TUNED) 1/4 WATT, 38.5Ω MAX. DC RESISTANCE AT 70°F. 911 TURNS TOTAL OF 7 CONDUCTOR #40E WIRE STRANDED D.H. WOUND IN THREE SECTIONS.			R.F. CHOKE RATED 53 MH, ±2% AT 1000 CYCLES, ZERO AMPS DC. DC RES. 153 OHMS; 1645 TURNS #38 SINGLE SILK ENAMEL. SINGLE SECTION WOUND ON NATURAL PHENOLIC TUBING, HAS POWDERED IRON CORE. ASSEMBLED IN METAL CAN.		
			1/16/45 CW:D-164467 CH:BA-105654 MAR. 45 ISS 1			1/17/45 A-202 CFE:300.451 MAR. 45 & 80.62		
		CZC-47608 RCH	CW-47615	TS-5/AP		CZC-47621 RCH		
		R.F. COIL RATED INDUCTANCE 235 MICROHENRIES AT 1000 C.P.S., 100 TURNS OF #34 S CELANESE COVERED WIRE, 6Ω DC RES; WAX IMPREGNATED; ELECTROSTATIC SHIELD USED.	RETARDATION COIL RATED 43.4 MILLIHENRIES ADJUSTABLE ±5% AT 15KC AND 0 AMP. (SLUG TUNED) 1/4 WATT, 38.5Ω MAX. DC RESISTANCE AT 70°F. 2050 TURNS OF #35EN WIRE. WOUND IN THREE SECTIONS.			R.F. COIL RATED 7 MICROHENRIES ±10% AT 1000 C.P.S., 15 TURNS OF #30 E WIRE, 0.34Ω DC RES; WAX IMPREGNATED; ELECTROSTATIC SHIELD USED BUT NOT INCLUDED IN TYPE NO.		
		1/15/45 7598 CZC:7598 MAR. 45 ISS 1	1/16/45 XM:D-164468 CH:BA-105654 MAR. 45 ISS 1			1/17/45 7602 CZC:7602 MAR. 45 ISS 1		
		CZC-47609 RCH	CW-47616	TS-5/AP		CZC-47622 RCH		
		R.F. COIL SLUG TUNED, INDUCTANCE (WITHOUT IRON CORE) 1.5 MILLIHENRIES AT 1000 C.P.S., 2 PI WINDINGS, 125 TURNS EACH OF #34 S CELANESE COVERED WIRE, 15.7Ω DC RES; WAX IMPREGNATED, ELECTROSTATIC SHIELD USED.	RETARDATION COIL RATED 96.8 MILLIHENRIES ADJUSTABLE TO ±5% AT 10KC AND 0 AMP. DC (SLUG TUNED), 1/4 WATT, 285Ω MAX. DC RESISTANCE AT 70°F. 2950 TURNS TOTAL OF #35 EN WIRE. WOUND IN THREE SECTIONS.			R.F. COIL SLUG TUNED, INDUCTANCE (WITHOUT IRON CORE) 15 MICROHENRIES ±10% AT 1000 C.P.S., 34 TURNS OF #24 E WIRE, 0.19Ω DC RES; WAX IMPREGNATED; ELECTROSTATIC SHIELD USED BUT NOT INCLUDED IN TYPE NO.		
		1/15/45 7599 CZC:7599 MAR. 45 ISS 1	1/16/45 CW:D-164469 CH:BA-105654 MAR. 45 ISS 1			1/17/45 7603 CZC:7603 MAR. 45 ISS 1		
		CZC-47610 RCH	CATP-47617	DAS-4		CZC-47623 RCH		
		R.F. COIL RATED INDUCTANCE 3.9 MICROHENRIES AT 1000 C.P.S., 10 1/2 TURNS OF #30 E WIRE, 0.24Ω DC RES; WAX IMPREGNATED; ELECTROSTATIC SHIELD USED.	I.F. TRANSFORMER ASSEMBLY INDUCTANCE 170 MH, ±5% PER SECTION WITHOUT CORE, ZERO AMPS DC, 1000Ω DC RES. 6.0 OHMS PER SECTION, 2 PI'S, 98 TURNS PER PI, #36 DOUBLE SILK ENAMEL. WOUND ON NATURAL PHENOLIC TUBING. SLUG TUNED BY TWO STACKPOLE Z26 CORES. INCLUDES TWO 1/17/45 CATP:A-251 CFE:300.449 MAR. 45 & 80.62			R.F. COIL RATED 2.7 MICROHENRIES ±10% AT 1000 C.P.S., 8 1/2 TURNS OF #30 E WIRE, 0.2Ω DC RES; WAX IMPREGNATED; ELECTROSTATIC SHIELD USED BUT NOT INCLUDED IN TYPE NO.		
		1/15/45 7606 CZC:7606 MAR. 45 ISS 1	75 MMFD ±5% CAPACITORS. CATP-47617			1/17/45 7610 CZC:7610 MAR. 45 ISS 1		
		CZC-47611 RCH				CZC-47624 RCH		
		R.F. COIL SLUG TUNED, INDUCTANCE (WITHOUT IRON CORE) 2.7 MICROHENRIES AT 1000 C.P.S., 12 1/2 TURNS OF #24 E WIRE, 0.072Ω DC RES; WAX IMPREGNATED; ELECTROSTATIC SHIELD USED.				R.F. COIL SLUG TUNED, INDUCTANCE (WITHOUT IRON CORE) 0.83 MICROHENRIES AT 1000 C.P.S., 10 1/4 TURNS OF #20 E WIRE, 0.02Ω DC RES; WAX IMPREGNATED; ELECTROSTATIC SHIELD USED BUT NOT INCLUDED IN TYPE NO.		
		1/15/45 7607 CZC:7607 MAR. 45 ISS 1				1/17/45 7611 CZC:7611 MAR. 45 ISS 1		
		CZC-47612 RCH	CATP-47618	DAS-4		CZC-47625 RCH		
		R.F. TRANSFORMER PRIMARY INDUCTANCE 4.05 M.H. AT 1000 C.P.S., 800 TURNS OF #34 S CELANESE COVERED WIRE, 25.9Ω DC RES; SECONDARY, SLUG TUNED, INDUCTANCE (WITHOUT IRON CORE) 3.4 M.H. AT 1000 C.P.S., 2 PI WINDINGS 315 TURNS EACH OF #34 S CELANESE COVERED WIRE, 45.4Ω DC RES; WAX IMPREGNATED.	PEAKING COIL RATED 10.5 MH ±5% AT 100 KC WITH 264 MMF CAPACITOR TO RESONATE ON Q METER. DC RESISTANCE 77 OHMS. WITH Q OF 40. DUAL SECTION, 530 TURNS PER SECTION #36 SSE. WOUND ON NATURAL PHENOLIC TUBING.			R.F. TRANSFORMER PRIMARY RATED 22 MILLIHENRIES AT 1000 C.P.S., 950 TURNS OF #34 S CELANESE COVERED WIRE, 70.5Ω DC RES; SECONDARY SLUG TUNED, INDUCTANCE (WITHOUT IRON CORE) 1.22 MILLIHENRIES AT 1000 C.P.S., 2 PI WINDINGS, 130 TURNS EACH OF #34 S CELANESE COVERED WIRE, 16.5Ω DC RES; WAX IMPREGNATED.		
		1/15/45 7596 CZC:7596 MAR. 45 ISS 1	1/17/45 A-250 CFE:300.473, MAR. 45 & 80.62			1/17/45 7600 CZC:7600 MAR. 45 ISS 1		
		CZC-47612	CATP-47619	DAS-4		CZC-47625		
		NESE COVERED WIRE, 45.4Ω DC RES; WAX IMPREGNATED.	OSCILLATOR COIL PRI. INDUCTANCE 1200 MH, ±5% AT 1000 CYCLES. SEC. INDUCTANCE 420 MH, ±5% AT 1000 CYCLES. DC RES. PRI. 8.8 OHMS, SEC. 4.4 OHMS. PRI. DUAL SECTION, 150 TURNS PER SECTION, #32 SINGLE SILK ENAMEL; SEC. SINGLE SECTION, 150 TURNS, CENTER					
			1/17/45 A-249 CFE:300.472, MAR. 45 & 80.62					
		CW-47613	CATP-47619			CW-47626	TEF	
		TS-5/AP RETARDATION COIL RATED 2.4 MILLIHENRIES ADJUSTABLE TO ±5% AT 320KC AND 0 AMP. (SLUG TUNED), 1/4 WATT, 16.5Ω MAX. DC RESISTANCE AT 70°F. 425 TURNS TOTAL OF 7 CONDUCTOR #40 E WIRE STRANDED D.H. WOUND IN TWO SECTIONS.	TAPPED, #32 SINGLE SILK ENAMEL. SLUG TUNED WITH A STACKPOLE Z26 CORE. (RATINGS WITHOUT CORE).			ANTENNA MATCHING TRANSFORMER CONTAINS VARIABLE INDUCTANCE AND CAPACITORS NETWORK TO MATCH OUTPUT OF TYPE CW- AMPLIFIER 5 TO AN OPEN WIRE TRANSMISSION LINE. A SWITCH IS PROVIDED TO CONNECT OUTPUT OF TRANSMITTER TO MATCHING NETWORK OR TO TERMINALS TO		
		1/16/45 CW:D-164466 CH:BA-105654 MAR. 45 ISS 1				1/17/45 MAR. 46		

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CW- 47526  
WHICH COAXIAL LINES MAY BE CONNECTED.

CZC- 47630  
7-#41 SS WIRE, 4.0Ω DC RES; MAX IMPREG-  
NATED.

CZC- 47636 RBO  
R.F. COIL  
SLUG TUNED, INDUCTANCE (WITHOUT IRON  
CORE) 4.9 MICROHENRIES, 1000 C.P.S., 19  
TURNS OF #24 ENAMEL COPPER WIRE USING  
#26 SPACER, 0.11 DC RES; MAX IMPREGNATED.  
ELECTROSTATIC SHIELD USED BUT NOT IN-  
CLUDED IN TYPE NUMBER.  
1/19/45 5055 CZC:5055  
MAR. 45 ISS 1

CZC 47627 RCH  
R.F. TRANSFORMER  
PRIMARY RATED 15.8 MICROHENRIES AT 1000  
C.P.S., 20 TURNS OF #34 S CELANESE CO-  
VERED WIRE, 1.2ΩDC RES; SECONDARY, SLUG  
TUNED, INDUCTANCE (WITHOUT IRON CORE)  
16.2 MICROHENRIES AT 1000 C.P.S., 34  
TURNS OF #24 E WIRE, 0.19Ω DC RES; MAX  
1/17/45 7604 CZC:7604  
MAR. 45 ISS 1

CW-47631 SV  
RETARDATION COIL  
INDUCTANCE AT 1800 CPS, 0.55 MAX TO 0.50  
MIN MILLIHENRIES, MAX SAFE CURRENT IS  
300 MA, DC RES AT 70°F IS 3.6 OHMS MAX.  
COIL IS DUOLATERALLY WOUND ON PHENOLIC  
SPOOL WITH APPROXIMATELY 184 TURNS #29  
GA ES WIRE, APPROX. OVERALL DIMENSIONS  
1/17/45 CW:200 BJ CW:ES-682036-7  
MAR. 45 ISS 5

CZC- 47637 RBO-2  
R.F. COIL  
RATED 8.1 MICROHENRIES AT 10 VOLTS, 1000  
C.P.S., 16 TURNS OF #30 EN. WIRE CLOSE  
WOUND, 0.4Ω DC RES; MAX IMPREGNATED;  
ELECTROSTATIC SHIELD USED BUT NOT IN-  
CLUDED IN TYPE NUMBER.  
1/19/45 7305 CZC:7305  
MAR. 45 ISS 2

CZC- 47627  
IMPREGNATED.

CW-47631  
1 7/16" DIAMETER BY 1 5/32" LONG.

CZC- 47638 RCK  
R.F. INDUCTOR  
PRI: RESONANT AT 100 MC WITH 14 TO 18  
MMF. 2 TURNS OF 16 STRAND #36 WIRE, DC  
RES. 0.02 OHMS ±1%. WOUND ON GRADE MFE  
BAKELITE SPOOL SEC: RESONANT AT 100 MC  
WITH 28 TO 32 MMF. 2 TURNS OF 0.010 X  
0.156 SILVER PLATED COPPER RIBBON, DC  
1/20/45 8469 CZC:8469  
MAR. 45 ISS 1

CZC- 47628 RCH  
R.F. TRANSFORMER  
PRIMARY RATED 1.25 MICROHENRIES AT 1000  
C.P.S., 6 1/2 TURNS OF #28 DCC WIRE IN-  
TERMOUNTED WITH SECONDARY, 0.1Ω DC RES;  
SECONDARY, SLUG TUNED (WITHOUT IRON  
CORE) 2.75 MICROHENRIES AT 1000 C.P.S.,  
13 1/2 TURNS OF #24 E WIRE, 0.072Ω DC  
1/17/45 7608 CZC:7608  
MAR. 45 ISS 1

CZC- 47632 RCH  
R.F. CHOKE  
INDUCTANCE 10 MICROHENRIES AT 10 VOLTS  
1000 CYCLES, 50 TURNS OF #24 ENAMEL WIRE  
CLOSE WOUND, 0.17Ω DC RES, MAX IMPREG-  
NATED.

CZC- 47638  
RES. 0.01 OHMS ±10%. HAS ADJUSTABLE COP-  
PER CORE.

CZC- 47628  
RES; MAX IMPREGNATED.

1/18/45 5046A CZC:5046A  
MAR. 45 ISS 1

CZC- 47639 RCK  
R.F. INDUCTOR  
RESONANT AT 100 MC WITH 28 TO 32 MMF. 2  
TURNS 0.010 X 0.156 SILVER PLATED COPPER  
RIBBON, WOUND ON GRADE MFE BAKELITE  
SPOOL WITH ADJUSTABLE COPPER CORE. 0.01  
OHM ±10% DC RES.

CZC- 47629 RCH  
R.F. TRANSFORMER  
PRIMARY RATED 0.63 MICROHENRIES AT 1000  
C.P.S., 4 TURNS OF #28 DCC WIRE INTER-  
WOUND WITH SECONDARY, 0.02Ω DC RES; SEC-  
ONDARY, SLUG TUNED, INDUCTANCE (WITHOUT  
IRON CORE) 0.73 MICROHENRIES AT 1000  
C.P.S., 9 TURNS OF #20 E WIRE, 0.02Ω  
1/17/45 7612 CZC:7612  
MAR. 45 ISS 1

CZC 47633 RCH  
R.F. INDUCTOR  
SLUG TUNED INDUCTANCE (WITHOUT IRON  
CORE) 475 MICROHENRIES AT 10 VOLTS 1000  
CYCLES, 190 TURNS OF 7-#41 LITZ WIRE,  
5.5Ω DC RES; ASSEMBLED COMPLETE WITH 100  
MHFD. CAPACITOR C22CC101J AND CORE.

1/20/45 8537 CZC:8537  
MAR. 45 ISS 1

CZC-47629  
DC RES; MAX IMPREGNATED.

CZC- 47634 RCH  
R.F. TRANSFORMER  
SLUG TUNED, PRIMARY INDUCTANCE (WITHOUT  
IRON CORE) 4.7 MICROHENRIES AT 1000  
C.P.S., 35 TURNS OF #34 SINGLE CELANESE  
COVERED WIRE, 1.18Ω DC RES; SECONDARY,  
INDUCTANCE (WITHOUT IRON CORE) 3/6 MICRO  
HENRIES AT 1000 C.P.S., 165 TURNS OF #34  
1/18/45 7617 CZC:7617  
MAR. 45 ISS 2

CZC- 47640 RCK  
R.F. INDUCTOR  
PRI: RESONANT AT 40 MC WITH 17 TO 21  
MMF. HAS 6 TURNS #26 SSE WIRE WOUND 9N  
GRADE MFE BAKELITE SPOOL, DC RES. 0.05  
OHMS ±10%. SEC: RESONANT AT 100 MC WITH  
28 TO 32 MMF. HAS 2 TURNS 0.010 X 0.156  
SILVER PLATED COPPER RIBBON, ADJUSTABLE  
1/20/45 8539 CZC:8539  
MAR. 45 ISS 1

CZC 47630 RCH  
R.F. TRANSFORMER  
PRIMARY RATED 13 MICROHENRIES AT 1000  
C.P.S., 11 TURNS OF 7-#41 SINGLE CELA-  
NESE COVERED WIRE WOUND OVER SECONDARY,  
0.5Ω DC RES; SECONDARY, SLUG TUNED, IN-  
DUCTANCE (WITHOUT IRON CORE) 245 MICRO-  
HENRIES AT 1000 C.P.S., 115 TURNS OF  
1/17/45 7597 CZC:7597  
MAR. 45 ISS 1

CZC-47634  
SINGLE CELANESE WIRE WOUND OVER PRI.,  
6.64Ω DC RES; MAX IMPREGNATED; ASSEMBLED  
COMPLETE WITH 100 MHFD. CAPACITOR  
CC35BK101J AND CORE.

CZC- 47640  
COPPER CORE. DC RES. 0.01 OHMS ±10%.

CZC 47635 RBO  
R.F. COIL  
RATED 2.75 MICROHENRIES AT 10 VOLTS,  
1000 C.P.S., 8 1/2 TURNS OF #30 ENAMEL  
COPPER WIRE CLOSE WOUND, 0.2Ω DC RES;  
MAX IMPREGNATED; ELECTROSTATIC SHIELD  
USED BUT NOT INCLUDED IN TYPE NUMBER.  
1/19/45 5054 CZC:5054  
MAR. 45 ISS 1

CZC 47641 RCK  
R.F. INDUCTOR  
RESONANT AT 100 MC WITH 28 TO 32 MMF.  
FOR FIRST SECTION, HAS 10 TURNS 0.01 X  
0.156 SILVER PLATED COPPER RIBBON TAPPED  
AT POINT 225° FROM RIBBON STUD, WOUND ON  
GRADE MFE BAKELITE SPOOL WITH SLUG-TUN-  
ED POWDERED IRON CORE, DC RES 0.01 OHM  
1/22/45 8538 CZC:8538  
MAR. 45 ISS 2

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<p>± 10%.</p> <p>CZC-47641</p>	<p>CZC-47646</p> <p>FORM. ASSEMBLY SUPPLIED COMPLETE WITH JAN TYPE CM20C181J CAPACITOR.</p>	<p>CZC-47651 RDO</p> <p>R.F. CHOKE</p> <p>RATED 1.4 MICROHENRIES ±10% AT 1000 CPS NO DC. 26 TURNS #20 E WIRE WOUND ON FBE BLACK PHENOL FIBRE ROD 1/4" DIA. X 1 1/4" LONG. DC RESISTANCE 0.03 OHMS ±10%. #20 BARE TINNED COPPER WIRE LEADS.</p> <p>1/24/45 9118 CZC:9118 MAR. 45 ISS 3</p>
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<p>CZC-47642 RCK</p> <p>R.F. INDUCTOR:</p> <p>PR1: RESONANT AT 100 MC WITH 16 TO 20 MMF. HAS 2 TURNS #24E WIRE WITH 0.03 OHMS±10% DC RES. WOUND ON GRADE MFE BAKELITE SPOOL. SEC: RESONANT AT 60 MC WITH 19 TO 23 MMF. HAS 4 1/2 TURNS #24 E WIRE SPACED WITH #20 WIRE 0.033". DC RES 1/22/45 8540 CZC:8540 MAR. 45 ISS 1</p>	<p>CZC-47647 RCK</p> <p>I.F. TRANSFORMER ASSEMBLY</p> <p>PR1: 0.2 MICROHENRIES ±10% AT 12 MC. HAS 2 TURNS #26 E WIRE WITH 0.03 OHMS ±10% DC RES. SEC: 0.7 MICROHENRIES ±10% AT 12 MC. HAS 7 1/4 TURNS #26 E WIRE WITH 0.06 OHMS ±10% DC RES. HAS ADJUSTABLE POWDERED IRON CORE BUT INDUCTANCE IS MEASURED 1/22/45 8210 CZC:8210 MAR. 45 ISS 4</p>	<p>CZC-47652 RDO</p> <p>R.F. CHOKE</p> <p>RATED 0.06 MICROHENRIES ±10% AT 1000 CPS NO DC. 18 TURNS #24 E WIRE SPACE WOUND ON FBE BLACK PHENOL FIBRE ROD 1/4" DIA. X 1" LONG. DC RESISTANCE 0.037 OHMS ±10%. #20 BARE TINNED COPPER WIRE LEADS.</p> <p>1/24/45 9010 CZC:9010 MAR. 45 ISS 2</p>
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<p>CZC-47642</p> <p>IS 0.06 OHMS±10%. HAS ADJUSTABLE POWDERED IRON CORE. SAME AS -47643 EXCEPT FOR SIZE OF SPACING.</p>	<p>CZC-47647</p> <p>WITHOUT CORE. SPOOL IS POLYSTYRENE. ASSEMBLY INCLUDES IRON CORE AND A JAN TYPE CM20C251J CAPACITOR.</p>	<p>CZC-47653 RDO</p> <p>R.F. CHOKE</p> <p>RATED 1.4 MICROHENRIES ±10% AT 30 MC NO DC. 28 TURNS #24 E WIRE WOUND ON PHENOLIC FORM 7/32" DIA. X 27/32" LONG. DC RESISTANCE 0.05 OHMS ±10%. PIGTAIL TERMINALS.</p> <p>1/24/45 9129 CZC:9129 MAR. 45 ISS 1</p>
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<p>CZC-47643 RCK</p> <p>R.F. INDUCTOR</p> <p>PR1: RESONANT AT 100 MC WITH 16 TO 20 MMF. HAS 2 TURNS #24 E WIRE WITH 0.03 OHMS ±10% DC RES. WOUND ON GRADE MFE BAKELITE SPOOL. SEC: RESONANT AT 60 MC WITH 19 TO 23 MMF. HAS 4 1/2 TURNS #24 E WIRE SPACED WITH #17 WIRE 0.049". DC 1/22/45 8471 CZC:8471 MAR. 45 ISS 2</p>	<p>CZC-47648 RCK</p> <p>I.F. TRANSFORMER ASSEMBLY</p> <p>PR1: RATED 0.7 MICROHENRIES ±10% AT 12 MC. HAS 7 1/4 TURNS #26 E WIRE: DC RES. 0.06 OHMS ±10%. SEC: RATED 0.69 MICROHENRIES ±10% AT 12 MC. HAS 7 1/4 TURNS #26 E WIRE: DC RES. 0.06 OHMS ±10%. INDUCTANCES MEASURED WITHOUT ADJUSTABLE 1/23/45 8211 TO 14 CZC:8211 TO 14 MAR. 45 ISS 4</p>	<p>CZC-47654 RDO</p> <p>I.F. TRANSFORMER</p> <p>30 MC. PR1/SEC CONSISTS OF 9 2/3/9 2/3 TURNS OF #26/26 E WIRE 0.07/0.07 OHMS ±10% DC RESISTANCE. WOUND ON POLYSTYRENE FORM. PRI. HAS 10 MMF SHUNT CAPACITOR AND 4100 OHMS SHUNT RESISTOR. SEC. HAS 10 MMF SHUNT CAPACITOR. PRI. AND SEC. 1/24/45 9026 CZC:9026, ISS 2 MAR. 45 9027 9027, ISS 3</p>
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<p>CZC-47643</p> <p>RES. IS 0.06 OHMS ±10%. HAS ADJUSTABLE POWDERED IRON CORE. SAME AS -47642 EXCEPT FOR SIZE OF SPACING.</p>	<p>CZC-47648</p> <p>POWDERED IRON CORES BUT ASSEMBLY IS SUPPLIED COMPLETE WITH CORES AND TWO JAN TYPE CM20C251J CAPACITORS.</p>	<p>CZC-47654</p> <p>TUNED TO 30 MC BY MEANS OF ADJUSTABLE POWDERED IRON CORES. PRI/SEC INDUCTANCE 1.34/1.24 MICROHENRIES.</p>
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<p>CZC-47644 RCK</p> <p>R.F. INDUCTOR</p> <p>RESONANT AT 25 MC WITH 12 TO 16 MMF. HAS 14 1/2 TURNS #24 E WIRE WOUND ON GRADE MFE BAKELITE SPOOL. DC RES. 0.07 OHMS ±10%.</p> <p>1/22/45 8470 CZC:8470 MAR. 45 ISS 1</p>	<p>CZC-47649 RCK</p> <p>I.F. TRANSFORMER ASSEMBLY</p> <p>PR1: RATED 0.7 MICROHENRIES ±10% AT 12 MC. HAS 7 1/4 TURNS #26 E WIRE: DC RES. 0.06 OHMS ±10%. SEC: RATED 2.8 MICROHENRIES ±10% AT 12 MC. HAS 15 1/4 TURNS #26 E WIRE: DC RES. 0.1 OHM ±10%. INDUCTANCES MEASURED WITHOUT ADJUSTABLE 1/23/45 8215 CZC:8215 MAR. 45 ISS 5</p>	<p>CZC-47655 RDO</p> <p>I.F. TRANSFORMER</p> <p>30 MC. PRI/SEC CONSISTS OF 9 2/3/9 2/3 TURNS OF #26/26 E WIRE 0.07/0.07 OHMS ±10% DC RESISTANCE. WOUND ON POLYSTYRENE FORM. PRI HAS 5 MMF SHUNT CAPACITOR AND 4100 OHM SHUNT RESISTOR. SEC. HAS 10 MMF SHUNT CAPACITOR. PRI. &amp; SEC. ARE TUNED 1/24/45 9028 CZC:9028 MAR. 45 ISS 2</p>
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<p>CZC-47645 RCK</p> <p>R.F. CHOKE</p> <p>RATED 2.0 MICROHENRIES ±10% AT 1000 CPS. HAS 16 TURNS GAID COVERED #20 DOUBLE CELANESE WIRE WOUND ON XXX BAKELITE FORM. DC RES. 0.03 OHMS ±10%.</p> <p>1/22/45 8475 CZC:8475 MAR. 45 ISS 2</p>	<p>CZC-47649</p> <p>POWDERED IRON CORES, BUT ASSEMBLY IS APPLIED COMPLETE WITH CORES AND TWO CAPACITORS. JAN TYPES CM20C251J AND CM20C510G CAPACITORS.</p>	<p>CZC-47655</p> <p>TO 30 MC BY MEANS OF ADJUSTABLE POWDERED IRON CORES. PRI/SEC INDUCTANCE 1.34/1.24 MICROHENRIES.</p>
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<p>CZC-47646 RCK</p> <p>I.F. TRANSFORMER ASSEMBLY</p> <p>PR1: 0.7 MICROHENRIES ±10% AT 12 MC. HAS 7 3/4 TURNS #26 E WIRE WITH 0.06 OHMS ±10% DC RES. HAS ADJUSTABLE POWDERED IRON CORE. SEC: 0.2 MICROHENRIES ±10% AT 12 MC. HAS 2 TURNS #26 E WIRE WITH 0.03 OHM ±10% DC RES. WOUND ON POLYSTYRENE 1/22/45 8533 CZC:8533 MAR. 45 ISS 2</p>	<p>CZC-47650 RDO</p> <p>R.F. CHOKE</p> <p>RATED 775 MICROHENRIES ±10% AT 1000 CPS. NO DC. 3 PIES #38 SCE WIRE WOUND ON 15,000Ω ±10% 1/2 WATT COMPOSITION RESISTOR. DC RESISTANCE OF WINDING 30 OHMS ±10%.</p> <p>1/24/45 9009 CZC:9009 MAR. 45 ISS 2</p>	<p>CSL-47656 CRT-211275</p> <p>COIL, R.F.</p> <p>RATED 75 MICROHENRIES @ 1000 CPS. FOUR LAYERS OF 13 TURNS PER LAYER OF #8 DOUBLE GLASS SQUARE COPPER WIRE. 0.0038Ω DC RESISTANCE. INSULATED POWDERED IRON CORE.</p> <p>1/24/45 CSL:EL-108 CSL:F6585 MAR. 45 REV 0</p>
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DATE	MANUFACTURER'S DESIGNATION	MANUFACTURER'S DRAWING NUMBER	ASSIGNED ISSUED	DATE	MANUFACTURER'S DESIGNATION	MANUFACTURER'S DRAWING NUMBER	ASSIGNED ISSUED	DATE	MANUFACTURER'S DESIGNATION	MANUFACTURER'S DRAWING NUMBER
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NAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION	NAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION	NAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION
CSL-47657	CHT-211275		CAY-47662			CW-47668	QJB	
<p>COIL, R.F. RATED 428 MICROHENRIES @ 1000 CPS. 5 AMPS. FOUR LAYERS OF 34 TURNS PER LAYER OF #17 DOUBLE GLASS INSULATED COPPER WIRE. 0.154Ω DC RESISTANCE. INSULATED POWDERED IRON CORE. *CALG-A79 1/24/45 CSL:EL-101' MAR. 45</p>			<p>ON MICARTA TUBE #58.</p>			<p>RETARDATION COIL RATED 5.9 HENRIES MINIMUM WITH 115 VOLTS 60 CPS AND 0.45 AMP DC. 1617 TURNS OF #24 GA E WIRE. 47Ω DC RESISTANCE AT 68°F. 2/1/45 CW:161920 MAR. 45</p>		
<p>CSL:F-6444 REV 1 *</p>			<p>2/1/45 CW:ESL-643015 ISSUE 2</p>					
CSL-47658	CHT-211275		CRY-47663	QGB		CG-47669	SU, SU-1	
<p>R.F. COIL RATED 95 MICROHENRIES @ 1000 CPS. FOUR LAYERS OF 10 TURNS PER LAYER OF #6 DOUBLE GLASS COPPER WIRE. 0.0052Ω DC RESISTANCE. INSULATED POWDERED IRON CORE. 1/24/45 CSL:EL-107 MAR. 45</p>			<p>R.F. INPUT TRANSFORMER ASSEMBLY CONSISTING OF: TRANSFORMER, HI-POT, 500V., 2 CAPACITORS, 0.08 MFD. ACROSS PRI., 0.03 MFD ACROSS SEC. PRI., 170 TURNS OF #28 E WIRE, 3.05Ω DC RESISTANCE, TAPPED AT 85 TURNS WOUND CLOCKWISE. 17 TURNS/LAYER. SEC., 100 TURNS OF 1/27/45 901660 MAR. 45</p>			<p>TRANSFORMER, FILTER RATED 0.0135 KVA. PRIMARY. 115/1/60 &amp; 400: 0.16 AMPS, 805 TURNS OF 0.0126 ENAMEL WIRE 21.2 ±8% Ω DC RESISTANCE. SECONDARY: 10.4V, 1.235 AMPS, 80 TURNS OF 0.0305 ENAMEL WIRE 0.46 ±6% Ω DC RES. *CG:K-5808729 DY 2/3/45 80G28 MAR. 45</p>		
<p>CSL:F-6547 REV 1</p>			<p>CRY:K-901660P-13 REV 3</p>			<p>CBM:U 973-24 ALT 1 *</p>		
CRY-47659	SR-2		CRY-47663			CG-47669		
<p>REACTOR RATED 45 MICROHENRIES, 70 TURNS #20 E. 0.19Ω DC RES. 1/24/45 H-433694 MAR. 45</p>			<p>#28 E WIRE, 2.25Ω DC RESISTANCE, WOUND CLOCKWISE, 17 TURNS/LAYER. ELECTROSTATIC SHIELD, CORE TO GROUND. TURNS RATIO. PRI/SEC. 17/10. FREQUENCY RESPONSE: 21 KC TO 26 KC.</p>			<p>ELECTROSTATIC SHIELD. 20°C RISE IN TEMP ABOVE 85°C AMBIENT.</p>		
<p>H-433694 REV 2</p>			<p>CRY:K-901660P-13 REV 3</p>			<p>CBM:U 973-24 ALT 1 *</p>		
CZC-47660	RDD		CFW-47664	VE		CFW-47670	SU, SU-1	
<p>I.F. TRANSFORMER: 30 MC. PRI./SEC. CONSISTS OF 9 2/3/15 2/3 TURNS OF #26/126 E WIRE 0.07/0.1 OHMS ±10% DC RESISTANCE WOUND ON POLYSTYRENE FORM. PRI HAS 10 MΩ SHUNT CAPACITOR AND 4100 OHM SHUNT RESISTOR. SEC. HAS 22,000 OHM SHUNT RESISTOR. PRI. &amp; 1/24/45 9030 MAR. 45</p>			<p>FOCUSING COIL 30 MILLIAMPS, 26,000 TURNS OF #36 EN. WIRE, 8000Ω DC RES., 275 V TO GROUND. 1/30/45 MAR. 45</p>			<p>R.F. CHOKE INDUCTANCE 250 MICROHENRIES, 188 TURNS OF #36 SSE WIRE, 6.8Ω DC RES. 2/2/45 CFW:12856 MAR. 45</p>		
<p>CZC:9030 ISS 2</p>			<p>CAY:P-7710769-F1 REV 2</p>			<p>CBM:1000A-117 ALT 0</p>		
CZC-47660			CFW-47665	SF, SF-1		CFW-47671	SU-SU-1	
<p>BLE POWDERED IRON CORES. PRI/SEC INDUCTANCE 1.34/3.1 MICROHENRIES. 2/7/45 12579 MAR. 45</p>			<p>R.F. CHOKE INDUCTANCE 500 MICROHENRIES, SINGLE PIE, 253 TURNS OF #36 SSE WIRE, 10.25Ω DC RES. 2/7/45 12579 MAR. 45</p>			<p>CONSISTS OF 2 PI WINDINGS, EACH RATED 1 MILLIHENRY. INDUCTANCE 230 TURNS OF #36 SSE WIRE, 18.5Ω DC RES. MAX. *CRP:S-92-5107 2/1/45 13166 MAR. 45</p>		
<p>CZC:9030 ISS 2</p>			<p>CBM:1000A-114 ALT 0</p>			<p>CBM:1000A-116 ALT 0 *</p>		
CZC-47661	RDD		CSL-47666	RSEE BELOW		CML-47672	SU, SU-1	
<p>I.F. TRANSFORMER 30 MC PRI./SEC. CONSISTS OF 9 2/3/12 2/3 TURNS OF #26/126 E WIRE 0.07/0.085 OHMS ±10% DC RESISTANCE. WOUND ON POLYSTYRENE FORM. PRI HAS 10 MΩ SHUNT CAPACITOR AND 4100 OHM RESISTOR. SEC. HAS 27,000 OHM SHUNT RESISTOR. PRI. &amp; SEC. TUNED TO 30 1/24/45 9029 MAR. 45</p>			<p>R.F. COIL RATED 180 MICROHENRIES AT 1000 CPS. 10 AMPS. FOUR LAYERS OF 25 TURNS PER LAYER OF #14 DOUBLE GLASS COVERED SQUARE COPPER WIRE, 0.038 OHMS DC RESISTANCE. INSULATED POWDERED IRON CORE. *CC-211133 CC-211135 2/8/45 CSL:EL-102 MAR. 45</p>			<p>IF TRANSFORMER: 3 INDUCTANCES 1336/756.1/1336 MICROHENRIES AT 80 KC. CONSISTING OF 265/198/265 TURNS OF 300CE/300CE/300CE WIRE. 7.3/5.1/7.3Ω DC RES; MAX IMPREGNATED. 2/2/45 CML:23486 MAR. 45</p>		
<p>CZC:9020 ISS 2</p>			<p>CSL:F-6453 ISS B</p>			<p>CBM:1000A-95 ALT 2</p>		
CZC-47661			CAY-47667	TAB-5		CG-47673	SF, SF-1	
<p>MC BY MEANS OF ADJUSTABLE POWDERED IRON CORES. PRI/SEC INDUCTANCE 1.28/2 MICROHENRIES. 2/8/45 MAR. 45</p>			<p>VARIOMETER COIL FREQ. 100-550 KC. INDUCTANCE 675 TO 1090 MICROHENRIES; STATOR CONSISTS OF SECTIONS A AND B. A HAS 13 TURNS OF 64-0.004 ENAMELED DSC LITZ WIRE, B HAS 81 TURNS OF 64-0.004 EN. DSC LITZ WIRE AND *CAY:1-7607503 FIG 2 REV 1 2/8/45 CAY:1-760699 G1 MAR. 45</p>			<p>COIL, DEFLECTION: CONSISTS OF FOUR COILS EACH WITH 1125 ±1 TURNS OF 0.0050 HEAVY FORMEX WIRE. 118.2/13 1/2 Ω DC RESISTANCE. 3000Ω MIN AT 3V, 60~. *CG-K-5898740AE REV 6 CBM:920-211 ALT 0 2/3/45 CG:68G576 MAR. 45</p>		
<p>CZC:9020 ISS 2</p>			<p>CAY:1-760699 G1 REV 4 *</p>			<p>*SEE ABOVE</p>		
CAY-47662	TBU		CAY-47667			CBM-47674	SU, SU-1	
<p>PLATE CHOKE COIL COIL ASSEMBLY MADE UP OF 3 IDENTICAL BASKET WOUND COILS EACH COIL AS FOLLOWS: 1700V AC, 600 TO 1200 KC, 5 AMPS, INDUCTANCE 2.5 MILLIHENRIES, 200 TURNS OF #18 DCC COPPER WIRE, 1.1Ω DC RES, 1.21Ω MAX RES, 0.99Ω MIN RES; COILS MOUNTED 1/26/45 MAR. 45</p>			<p>TAPPED AT 11, 23, 31 37 AND 54 TURNS; 1.75Ω MAX DC RES; ROTOR HAS 22 1/2 TURNS OF 64-0.004 EN. DSC LITZ WIRE, 0.36Ω MAX DC RES. 2/3/45 CBM:973-3048 MAR. 45</p>			<p>SU, SU-1 COIL, I.F. GRID: PRIMARY RATING AND DC RESISTANCE NEGLIGIBLE. PRIMARY 12 TURNS 28E WIRE. COIL-CERAMIC, SLUGTUNED. AIR CORE. CBM:1975-3048 REV 0</p>		
<p>CAY:T-7608177 P118 REV 0</p>			<p>2/3/45 CBM:973-3048 REV 0</p>			<p>2/3/45 CBM:973-3048 REV 0</p>		



Class 47—R-F Transformers—Inductors—Chokes

3.47-35

NAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION	NAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION	NAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION
CAG- 47675	UJ & UK		CKV- 47683	AN/SPT-6A		CALG- 47690	OBV	
<p>CHOKES, R.F. 60 MILLIHENRIES.</p>			<p>R.F. COIL: COIL FORM 3/8" O.D X 1 1/4" LONG; CERAMIC WRAPPED WITH #30 PLAIN ENAMEL WIRE COATED WITH CIRREASON MAX MOUNTED TO STUDS WITH SHORT INSULATORS, 1/4 CLOSE WOUND (24 TURNS); 1/2 SPACED EQUAL TO WIRE DIA (34 TURNS); 1/4 SPACED EQUAL TO DIA. 2/20/45 A-100411-G1 A-100411-G1 MAR. 45 REV 1</p>			<p>CHOKES: RATED 0.22 MICROHENRIES, 8 TURNS #24 AWG ENAMELED COPPER WIRE, CLOSE WOUND ON NAVY TYPE -63355-104 RESISTOR.</p>		
2/5/45	CAG:379-R	CDU:DD-5018-A				2/5/45	SYMBOL	A 92
MAR. 45		REV 0				MAR. 45	L-108 & 110	
CML- 47676	UJ & UK		CKV- 47683			-47691	AN/UPM-1	
<p>CHOKES: 2.5 MILLIHENRIES.</p>			<p>OF 2 WIRES (10 TURNS).</p>			<p>R.F. CHOKES: 20±1/2 TURNS #28E WIRE, CLOSE WOUND ON PHENOLIC CORE.</p>		
2/5/45	CML:19-5582	CDU:DD-3328-A				2/7/45	CF-1/8 X 7/16	CHZ:CL-1052
MAR. 45		REV. 0				MAR. 45		
CNL- 47677	UJ & UK		CATP- 47684	DAS-4		CATP- 47692	AN/UMP-1	
<p>CHOKES: 60 MILLIHENRIES.</p>			<p>R.F. CHOKES: SINGLE PI WINDING, 380 MICROHENRIES INDUCTANCE AT 1000~, ZERO DC CURRENT. WOUND ON 3300 OHM, 1/2 WATT COMPOSITION RESISTOR. PIGTAIL LEADS.</p>			<p>R.F. CHOKES: 9 TURNS #26 EN CU WIRE.</p>		
2/5/45	CNL:19-5582	CDU:DD-3328-A				2/7/45	A-254	CHZ:CL-1097
MAR. 45		REV 0				MAR. 45		
CBM- 47678	NMC-1		CAI- 47685	OBV		CHL- 47693	RBK SERIES	
<p>R.F. TRANSFORMER: 2 PRIMARY EACH RATED 86.5 MH; 1975 TURNS OF 3 X 40 LITZ WIRE WITH 210 ± 10% OHMS DC RES. 2 SEC. EACH RATED 91.2 MH WITH 2022 TURNS OF 3 X 40 LITZ WIRE, 225 ± 10% OHMS DC RES.</p>			<p>I.F. COIL: RATED 1.67-3.15 MICROHENRIES, PERMEABILITY TUNED, 17.25 TURNS #18 AWG ENAMELED COPPER WIRE CLOSE WOUND ON 0.406" DIAMETER.</p>			<p>TRANSFORMER, IF ASSEMBLY 5.25 MC. PRI #1 CONSISTS OF 17 1/2 TURNS OF #34 DCELE WIRE Q=106 AT 5.6 MC WITH "Q" METER CAPACITY OF 100 MMF. SEC: 1/2 HAS 16/7 1/2 TURNS OF #34/34 DCELE WIRE. Q=91 AT 5.3 MC WITH "Q" METER CAPACITY OF 100 MMF. INCLUDES 2 100 MMF 2/7/45 80C143 CHL:50C143 MAR. 45 REV F</p>		
2/5/45	CBM:19-5594	CDU:DD-3327-A	2/5/45	CFE:35.362-B		2/7/45	A-254	CHZ:CL-1097
MAR. 45		REV 0	MAR. 45	ISS B		MAR. 45		
CBM- 47679	NMC-1		CAI- 47686	OBV		CHL- 47693	CHL- 47693	
<p>R.F. TRANSFORMER: INDUCTANCE 47.6 MH. PRIMARY CONSISTS OF COIL TAPPED AT 220/325/620 TURNS OF 60-38 LITZ WIRE. SECONDARY CONSISTS OF COIL TAPPED AT 220/325/620 TURNS OF 60-38 LITZ WIRE. BAKELITE TUBE.</p>			<p>I.F. COIL: RATED 1.37-2.61 MICROHENRIES, PERMEABILITY TUNED, 14.25 TURNS #18 AWG ENAMELED COPPER WIRE CLOSE WOUND ON 0.406" DIAMETER.</p>			<p>CAPACITORS, VARIABLE POWDERED IRON CORE, ENCLOSED IN CAN.</p>		
2/5/45	CBM:19-5594	CDU:DD-3327-A	2/5/45	CALG:A-86 & A87		2/7/45	80C143	CHL:50C143
MAR. 45		REV 0	MAR. 45			MAR. 45		REV F
CBM- 47679	NMC-1		CAI- 47687	OBV		CHL- 47694	RBK SERIES	
<p>R.F. TRANSFORMER: INDUCTANCE 47.6 MH. PRIMARY CONSISTS OF COIL TAPPED AT 220/325/620 TURNS OF 60-38 LITZ WIRE. SECONDARY CONSISTS OF COIL TAPPED AT 220/325/620 TURNS OF 60-38 LITZ WIRE. BAKELITE TUBE.</p>			<p>I.F. COIL: RATED 1.17-2.4 MICROHENRIES, PERMEABILITY TUNED, 13.25 TURNS #18 AWG ENAMELED COPPER WIRE CLOSE WOUND ON 0.406" DIAMETER.</p>			<p>TRANSFORMER, IF ASSEMBLY 5.25 MC. PRI: CONSISTS OF 16 1/2 TURNS OF #36 SCELE WIRE, Q=100 AT 5.3 MC. Q METER CAPACITY 100 MMF. 2/3/4 CONSISTS OF 20 1/2/1 1/2/2 1/2 TURNS OF #36/26/26 SCELE WIRE AT 5.8/5.71/5.66 MC. 100/100/100 MMF "Q" CAPACITY. Q=92/90/90. 2/7/45 CHL:50C140 CHL:50C140 MAR. 45 REV H</p>		
2/5/45	CBM:19-5594	CDU:DD-3327-A	2/5/45	CALG:A86 & A88		2/7/45	80C143	CHL:50C143
MAR. 45		REV 0	MAR. 45			MAR. 45		REV F
CBM- 47679	NMC-1		CAI- 47688	NMC-1		CEO- 47694	CEO- 47694	
<p>R.F. TRANSFORMER: INDUCTANCE 47.6 MH. PRIMARY CONSISTS OF COIL TAPPED AT 220/325/620 TURNS OF 60-38 LITZ WIRE. SECONDARY CONSISTS OF COIL TAPPED AT 220/325/620 TURNS OF 60-38 LITZ WIRE. BAKELITE TUBE.</p>			<p>RF CHOKES ASSEMBLY: PRI: CONSISTS OF CHOKES 47170. SEC: #1/#2 COILS EACH HAVING INDUCTANCE OF 67.5 MH AND EACH CONSISTING OF 1350 TURNS OF #307 SSE WIRE HAVING 280Ω±10% DC RES.</p>			<p>VARIABLE POWDERED IRON CORE. CONTAINS RESISTOR RC10A/104K, TWO 100 MMF, &amp; ONE 1000 MMF CAPACITORS.</p>		
2/5/45	CBM:19-5594	CDU:DD-3327-A	2/5/45	574-3003	574-3003	2/7/45	CHL:50C140	CHL:50C140
MAR. 45		REV 0	MAR. 45	ALT 0	ALT 0	MAR. 45		REV H
COM- 47680	OBV		CALG- 47689	OBV		CHL- 47695	RBK SERIES	
<p>R.F. CHOKES: RATED 6.2 MH, 0.85 OHMS DC, 1.0 AMP. COVERS 5 BAND METERS.</p>			<p>TANK COIL: RATED: 0.13 MICROHENRIES, 3.5 TURNS 0.062" X 0.125" HARD-DRAWN COPPER, SILVER PLATED, 0.078" SPACING BETWEEN TURNS ID 0.5.</p>			<p>TRANSFORMER, IF ASSEMBLY 5.25 MC. L1/L2/L3/L4 CONSIST OF 16 1/2/20 1/2/1 1/2/2 1/2 TURNS OF #36/36/26/26 SCELE WIRE. WINDINGS L1/L2/L2-3/L2-4 HAVE A Q OF 102/92/90/90 AT 5.49/5.70/5.65/5.58 MC. INCLUDES ONE 100 MMF CERAMIC CAPACITOR. ONE 1000 MMF MICA CAPACITOR. 2/7/45 CHL:50C141 CHL:50C141 MAR. 45 REV 0</p>		
2/5/45	COM:19-5594	CALG:A90	2/5/45	574-3003	574-3003	2/7/45	CHL:50C141	CHL:50C141
MAR. 45			MAR. 45	ALT 0	ALT 0	MAR. 45		REV 0
CALG- 47681	OBV		CALG- 47689	OBV		CHL- 47695	RBK SERIES	
<p>TANK COIL: RATED 0.23 MICROHENRIES, 5.5 TURNS 0.062" X 0.125" HARD DRAWN COPPER, SILVER PLATED, 0.047" SPACING BETWEEN TURNS ID 0.5.</p>			<p>TANK COIL: RATED: 0.13 MICROHENRIES, 3.5 TURNS 0.062" X 0.125" HARD-DRAWN COPPER, SILVER PLATED, 0.078" SPACING BETWEEN TURNS ID 0.5.</p>			<p>TRANSFORMER, IF ASSEMBLY 5.25 MC. L1/L2/L3/L4 CONSIST OF 16 1/2/20 1/2/1 1/2/2 1/2 TURNS OF #36/36/26/26 SCELE WIRE. WINDINGS L1/L2/L2-3/L2-4 HAVE A Q OF 102/92/90/90 AT 5.49/5.70/5.65/5.58 MC. INCLUDES ONE 100 MMF CERAMIC CAPACITOR. ONE 1000 MMF MICA CAPACITOR. 2/7/45 CHL:50C141 CHL:50C141 MAR. 45 REV 0</p>		
2/5/45	CALG:40		2/5/45	SYMBOL	39	2/7/45	CHL:50C141	CHL:50C141
MAR. 45	L-106		MAR. 45	L-109		MAR. 45		REV 0
CAQB- 47682	RCB		CALG- 47689	OBV		CHL- 47695	RBK SERIES	
<p>R.F. CHOKES: RATED 170 MICROHENRIES. HAS 160 TURNS #34 SSE WIRE; 42 OHMS DC RESISTANCE.</p>			<p>TANK COIL: RATED: 0.13 MICROHENRIES, 3.5 TURNS 0.062" X 0.125" HARD-DRAWN COPPER, SILVER PLATED, 0.078" SPACING BETWEEN TURNS ID 0.5.</p>			<p>TRANSFORMER, IF ASSEMBLY 5.25 MC. L1/L2/L3/L4 CONSIST OF 16 1/2/20 1/2/1 1/2/2 1/2 TURNS OF #36/36/26/26 SCELE WIRE. WINDINGS L1/L2/L2-3/L2-4 HAVE A Q OF 102/92/90/90 AT 5.49/5.70/5.65/5.58 MC. INCLUDES ONE 100 MMF CERAMIC CAPACITOR. ONE 1000 MMF MICA CAPACITOR. 2/7/45 CHL:50C141 CHL:50C141 MAR. 45 REV 0</p>		
2/20/45	709	CHL:53A013	2/5/45	SYMBOL	39	2/7/45	CHL:50C141	CHL:50C141
MAR. 45		REV 0	MAR. 45	L-109		MAR. 45		REV 0

DATE	MANUFACTURER'S DESIGNATION	MANUFACTURER'S DRAWING NUMBER	ASSIGNED ISSUED	DATE	MANUFACTURER'S DESIGNATION	MANUFACTURER'S DRAWING NUMBER	ASSIGNED ISSUED	DATE	MANUFACTURER'S DESIGNATION	MANUFACTURER'S DRAWING NUMBER
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NAVSHIPS 900,109



NAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION	NAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION	NAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION
CAQB-47710 RBK SERIES TRANSFORMER, R.F. PRI: L3 CONSISTS OF 1 1/2 TURNS OF #29 COE ENAM. WIRE, WITH 0.045 OHMS DC RES. Q=67 AT 45 MC. 105 MMF. SEC: L1 CONSISTS OF 1 7/8 TURNS OF #18 DCEL BRAIDED WIRE, WITH 0.019 OHMS DC RES. Q=158 AT 45 MC, 99 MMF. BAKELITE CORE. 2/9/45 CAQB:654 CHL:51A268 MAR. 45 CHL:51A268 REV C			CAQB-47715 RANGE 46-82 MC. BAKELITE CORE.			CAY-47721 0.070Ω MAX. DC RES; ROTOR 13 TURNS OF 600 STRAND H.F. CABLE, #38 LITZ WIRE; 0.039Ω MAX DC RES.		
CAQB-47711 RBK SERIES TRANSFORMER, R.F. PR: (L2) COIL CONSISTS OF 28 1/2 TURNS OF #34 SCEL ENAMEL WIRE, 1.13 OHMS DC RES. Q=89 AT 5 MC AND 94 MMF SEC: (L1) COIL, CONSISTS OF 5 1/2 TURNS OF #22 DCEL WIRE, 0.056 OHMS DC RES. Q=161 AT 25 MC AND 95 MMF. 27.8-47 MC FREQ. RANGE. 2/9/45 CAQB:652 CHL:51A266 MAR. 45 CHL:51A266 REV B			CAQB-47716 RBK SERIES TRANSFORMER, R.F. PRI: (L2) CONSISTS OF 1 1/2 TURNS OF #30 SCE WIRE, 0.05 OHMS DC RES. 85 Q VALUE, 44 MC FREQ, 96.8 MMF CAP. SEC: (L1) CONSISTS OF 5 TURNS OF #22 D CEL WIRE, 0.03 OHMS DC RES. 163 Q VALUE, 26 MC FREQ, 93.5 MMF. FREQ. RANGE 2/9/45 CAQB:651 CHL:51A265 MAR. 45 CHL:51A265 REV B			CAY-47722 TAB-5 M.O. VARIOMETER COIL FREQ. 100-550KC. INDUCTANCE 331 TO 636 MICROHENRIES; STATOR CONSISTS OF TWO SECTIONS A AND B. SECTION A HAS 21.4 TURNS AND B HAS 56 TURNS, TAPPED AT 6. 24,36,48 TURNS OF 82 STRAND OF 0.004 EN. *CAY:T-7607503 FIG 1 REV 1 2/9/45 CAY:T-7606873G-1 MAR. 45 REV 6 *		
CAQB-47712 RBK SERIES TRANSFORMER, R.F. PRI: CONSISTS OF 11 1/2 TURNS OF #34 SCEL ENAM. WIRE, 0.442 OHMS DC RES. Q=83 AT 10 MC AND 94 MMF. SEC: COIL 1, 2 1/8 TURNS OF #18 DCEL BRAIDED WIRE 0.018 OHMS DC RES. Q=173. 45 MC FREQ. 85 MMF. FREQ. RANGES FROM 46-82 MC. 2/9/45 CAQB:655 CHL:51A269 MAR. 45 CHL:51A269 REV C			CAQB-47716 27.8-47MC.			CAY-47722 COP. WIRE WITH 2 WRAPS COTTON OVERALL; 0.98Ω MAX DC RES; ROTOR HAS 22 1/2 TURNS OF 82 STRAND OF 0.004 EN. COP. WIRE WITH 2 WRAPS COTTON OVERALL; 0.22Ω MAX DC RES.		
CAQB-47713 RBK SERIES TRANSFORMER, R.F. PRI: CONSISTS OF 8 1/4 TURNS OF #36 SCELE WIRE, 0.0327 OHMS DC RES; Q=69, 18 MC, 91 MMF. SEC: CONSISTS OF 1 3/4 TURNS OF #14 SOLID TINNED WIRE, 0.015 OHMS DC RES; Q=173. AT 65 MC. 92.5 MMF. COIL FORM OF SOLID BAKELITE. 500 VOLTS DC. 2/9/45 CAQB:658 CHL:51A272 MAR. 45 CHL:51A272 REV E			CAQB-47717 RBK SERIES FILTER, ASSEMBLY CONSISTS OF TWO COILS, EACH HAVING 57 TURNS OF #22 SCE WIRE. INDUCTANCE OF 46 MICROHENRIES. ASSEMBLY ALSO INCLUDES FOUR 8200 MMF CAPACITORS. CANCELLED 2/9/45 3492 CHL:53C056 MAR. 45 REV C			CAY-47723 TAB-5 PARASITIC SUPPRESSOR COIL INDUCTANCE 36 MICROHENRIES, 2.2 AMPS, 28 1/2 TURNS OF #20 COPPER NICKEL WIRE, 5.46Ω DC RES. 2/9/45 CAY:T-7607503 MAR. 45 FIG 9 REV 1		
CAQB-47713 HAS COILS COVERED BY LACQUER AS FUNGICIDE TREATMENT.			CAQB-47718 RBK SERIES R F CHOKE 46 MICROHENRIES INDUCTANCE, 12 MMF DIS- TRIBUTED CAPACITY, WINDING CONSISTS OF 67 TURNS OF #22 SCE WIRE, 0.22 OHMS DC RES. AIR CORE ASSEMBLED IN METAL CASE. 2/10/45 CAQB:660 CHL:53A007 MAR. 45 CHL:53A007 REV D			CAY-47724 TAB-5 P.A. PLATE CHOKE COIL INDUCTANCE 1.29 MILLIHENRIES AT 1000 CY- CLES. FREQ. 100 TO 600KC. 5 AMPS, 400 TURNS OF #18 SCC WIRE, 2.5Ω DC RES, 2500V AC TO GRD. 2/10/45 CAY:M-7408145 MAR. 45 P1 REV 1		
CAQB-47714 RBK SERIES TRANSFORMER, R.F. PRI: CONSISTS OF 1 1/2 TURNS OF #34/SCEL E. 0.149 OHMS DC RES; Q VALUE OP 63. 40 MC FREQ, 93 MMF CAP. SEC: 1/2 CONSIST OF 4 1/8/2 1/2 TURNS OF #22 DCEL BRAIDED/ #29 S S E WIRE. 0.0251/0.035 OHMS DC RES. 150/96 Q VALUE, 30/35 MC FREQ, 89/86 MMF. 2/9/45 CAQB:653 CHL:51A267 MAR. 45 CHL:51A267 REV D			CFW-47719 SO-7M/7N INDUCTOR RAISED 141.6 MILLIHENRIES WITH 10MA DC. TUNED TO 4.1 KC. 1500 TURNS PER PI OF #36 SSE #604 WIRE, 253 OHMS DC RESIS- TANCE. ADJUSTABLE IRON CORE. 2/10/45 12715 REV B CRP:92-5093 MAR. 45 REV 10			CAY-47725 TAB-5 P.A. VARIOMETER COIL INDUCTANCE 326-440 MICROHENRIES, FREQ. 100-550KC; STATOR CONSISTS OF 2 SECTIONS A/B, 11 TAPPED AT 0.7 TURNS/ 44 1/2 TURNS OF 600 STRAND H.F. CABLE, 0.145 OHMS MAX DC RES; ROTOR CONSISTS OF *CAY:T-7607003G-1 SUB 4 2/12/45 CAY:T-7607503 MAR. 45 FIG 3 SUB 1 *		
CAQB-47714 FREQ. RANGE 27.8-47 MC.			CAY-47720 TAB-5 ANT. LOAD COIL INDUCTANCE 1900 MICROHENRIES, 117 TURNS OF 3x20x35 EN. COPPER WIRE, LITZ #36, TAPPED AT 0.5,11,16,22,27,33,38,44,49, 55,61,67,74,81,87,94,103; 0.1415Ω DC RES; 0.160Ω MAX. DC RES. *CAY:T-7607503 FIG 5 REV 1 2/9/45 CAY:P-7707647G-1 MAR. 45 REV 5 *			CAY-47725 10 1/2 TURNS OF 600 STRAND H.F. CABLE, 0.025 OHMS MAX DC RES.		
CAQB-47715 RBK SERIES TRANSFORMER, R.F. PRI: L3 CONSISTS OF 3/4 TURNS OF #30SS BRAIDED WIRE, 0.018 OHMS DC RES. Q=92. 50 MC FREQ, 104 MMF CAP. SEC: L2/L1 CONSIST OF 0.5/2.5 TURNS OF #220S/#18 DC WIRE, 0.017/0.035 OHMS DC RES. 157/176 Q VALU AT 60/40 MC, 89/92 MMF CAP. FREQ. 2/9/45 CAQB:656 CHL:51A270 MAR. 45 CHL:51A270 REV C			CAY-47721 TAB-5 ANT. TUNING VARIOMETER COIL FREQ. 100-550KC. INDUCTANCE 40-175 MI- CROHENRIES; STATOR CONSISTS OF TWO WIND- INGS; UPPER WINDING 10 TURNS TAPPED AT 4TH TURN AND LOWER WINDING 9.5 TURNS OF 600 STRAND H.F. CABLE, #38 LITZ WIRE. *CAY:T-7607503 FIG 4 REV 1 2/9/45 CAY:T-7606838G-1 MAR. 45 REV 7 *			CYJ: 2/13/45 4540 MAR. 45		



Class 47—R-F Transformers—Inductors—Chokes

3.47-39

NAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION	NAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION	NAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION
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CG-47748 SP-1M  
TRANSFORMER, PULSE  
1 MICRO SECOND PULSE; PRI: IMPEDANCE OF 1100 MICRO HENRIES, CONSISTS OF 50 TURNS OF 0.005E WIRE, 2.3 OHMS DC RES. SEC: 1/2: 1100/1100 MICRO SECONDS IMPEDANCE; 50/50 TURNS OF 0.005/0.005 E WIRE; 2.5/2.7 OHMS DC RES. HERMETICALLY SEALED.  
2/14/45 K-54J318 K-54J318  
MAR. 45 P-1 P-1 REV 3

CG-47748

CORE IS NICKEL-IRON LAMINATED.

CG-47749 SP-1M  
TRANSFORMER, PULSE  
1 MICROSECOND PULSE; PRI: IMPEDANCE OF 1100 MICROHENRIES CONSISTS OF 50 TURNS OF 0.005E WIRE, 2.3 OHMS DC RES. SEC: 1/2: 1100/1100 MICROSECONDS IMPEDANCE; 50/50 TURNS OF 0.005/0.005 E WIRE; 2.5/2.7 OHMS DC RES. HERMETICALLY SEALED.  
2/16/45 K-54J44 K-54J44  
MAR. 45 REV 3

CG-47749

CORE IS NICKEL IRON LAMINATED. ELECTRICALLY BUT NOT MECHANICALLY INTERCHANGEABLE WITH CG-47748.

CG-47750 SP-1M  
COIL OSCILLATOR  
RATED 8.5 MILLIHENRIES INDUCTANCE. CONSISTS OF 715 TURNS OF #32 ES WIRE, 25.5 OHMS DC RES. SLUG TUNED.

2/15/45 K54J82P-1 K-54J82-P1  
MAR. 45 REV 3

CG-47751 SP-1M  
COIL OSCILLATOR  
RATED 39 MILLIHENRIES INDUCTANCE. CONSISTS OF 1560 TURNS OF #38 ES WIRE, 203 OHMS DC RES. SLUG TUNED.

2/15/45 K-54J82 P-2 K-54J82 P-2  
MAR. 45 REV 3

CWQ-47752 RAO-3  
TRANSFORMER, R.F.  
CONSISTS OF PRIM: 3.875 TURNS OF #32 DS CLOSE WOUND, 0.148 OHM  $\pm 5\%$  DC RESISTANCE "Q" IS 83 AT 20 MC. SEC. 5.875 TURNS OF #22 E SPACE WOUND, 0.029  $\pm 5\%$  OHMS DC RESISTANCE. "Q" IS 137 AT 20 MC. ASSEMBLY INCLUDES TWO CAPACITORS; CWQ PT.  
2/14/45 9A1625 9A1625 REV A  
MAR. 45 1X226 REV E

CWQ-47752

#17A206, 980 MMF, NTD-481083 2.7 TO 140 MMF.

CWQ-47753 RAO-3  
TRANSFORMER, I.F.  
PRI. INDUCTANCE: 1.15 MILLIHENRIES  $\pm 5\%$  AT 1000 CPS IN AIR. 239 TURNS OF #10/41 SSE LITZ, 7.12  $\pm 5\%$  OHMS DC RESISTANCE. SEC. INDUCTANCE 180 MICROHENRIES  $\pm 5\%$  AT 1000 CPS IN AIR. 97 TURNS OF #10/41 SSE LITZ, 2.57  $\pm 5\%$  OHMS DC RESISTANCE. BREAK  
2/14/45 9A1686 9A1686 REV A  
MAR. 45 42X165 REV A

CWQ-47753

DOWN 1000V RMS 60-600 CYCLES. ALUMINUM SHIELD CAN. CAPACITORS: CWQ 17A218 4.5 TO 105 MMF. CWQ 47X355 50 MMF.

CWQ-47754 RAO-3  
TRANSFORMER, R.F.  
CONSISTS OF PRIM - 2.875 #32 DS CLOSE WOUND, 0.180  $\pm 5\%$  OHMS DC RESISTANCE. "Q" IS 83 AT 20 MC  $\pm 5\%$ . SEC - 9.4 #24 E SPACE WOUND, 0.087  $\pm 5\%$  OHMS DC RESISTANCE. "Q" IS 137 AT 8 MC  $\pm 5\%$ . CAPACITOR CWQ PT. #17A205. 3 TO 25 MMF.  
2/14/45 9A1624 9A1624 ISS A  
MAR. 45 CANCELLED 1X226 REV E

CWQ-47755 RAO-3

TRANSFORMER, R.F.  
CONSISTS OF PRIM - 7.125 TURNS #32 DC CLOSE WOUND, 0.372  $\pm 5\%$  OHMS DC RESISTANCE. "Q" IS 80 AT 8 MC. SEC - 23.5 #28 E SPACE WOUND, 0.46  $\pm 5\%$  DC RESISTANCE. "Q" IS 101 AT 5 MC. CAPACITOR CWQ PT. #17A206. 2.7 TO 14 MMF.  
2/14/45 9A1623 9A1623 REV A  
MAR. 45 1X226 ISS E

CWQ-47756 RAO-3  
TRANSFORMER, R.F.  
CONSISTS OF PRIM, 12 MICROHENRIES @ 1000 CPS. 24 TURNS OF #30 DS UNIVERSAL 0.468  $\pm 5\%$  OHMS DC RESISTANCE. "Q" 50 AT 3 MC. SEC. 62 MICROHENRIES @ 1000 CPS. 56 TURNS OF #10/41 SSE UNIVERSAL, 1.355  $\pm 5\%$  OHMS. "Q" 65 @ 1.5 MC. CAPACITOR PT. NO. #1X226 REV E  
2/14/45 9A1622 9A1622 REV A  
MAR. 45 1X226 ISS E

CWQ-47756

17A206, 2.7 TO 14 MMF.

CWQ-47757 RAO-3  
TRANSFORMER, R.F.  
CONSISTS OF PRIM: 30.0 MICROHENRIES @ 1000 CPS. "Q" 40 AT 2000C. 39 TURNS OF #30 DS UNIVERSAL .814  $\pm 5\%$  OHMS DC RESISTANCE. SEC: 353 MICROHENRIES @ 1000 CPS. 148 TURNS P1 WOUND OF #10/41 SSE, 3.91  $\pm 5\%$  OHMS DC RESISTANCE. INCLUDES CAPACITORS  
2/14/45 9A1621 9A1621 REV A  
MAR. 45 1X226 ISS E

CWQ-47757

TOR CWQ PT. NO. 17A206, 2.7 TO 14 MMF.

CWQ-47758 RAO-3  
TRANSFORMER, R.F.  
CONSISTS OF PRIM: "Q" 28 AT 20 MC. 9.5 TURNS, #36 OS INTERWOUND 0.812  $\pm 5\%$  OHMS. SEC: "Q" 40 @ 20 MC. 9.875 TURNS OF #22 E WIRE, 0.043  $\pm 5\%$  OHMS DC RES. TERTIARY: "Q" 31 AT 3 MC, 51 MICROHENRIES  $\pm 5\%$  @ 1000 CPS. 47 TURNS OF #38 E CLOSEWOUND.  
2/14/45 9A1640 9A1640 REV A  
MAR. 45 1X226 REV E

CWQ-47758

5.98  $\pm 5\%$  OHMS DC RESISTANCE. INCLUDES CWQ PT. #17A206, 3 TO 25 MMF.

CWQ-47759 RAO-3  
TRANSFORMER, R.F.  
CONSISTS OF PRIM: 56.0 MICROHENRIES AT 1000 CPS. "Q" 30 AT 2 MC, 73 TURNS OF #36 SSE UNIVERSAL, 3.66  $\pm 5\%$  OHMS DC RES. SEC: "Q" 95 @ 8 MC, 9.4 TURNS OF #24 E SPACEWOUND, 0.090  $\pm 5\%$  OHMS DC RESISTANCE. CAPACITY TURN 1 TURN OF #28 DS. INTER-  
2/15/45 9A1637 9A1637 REV A  
MAR. 45 CANCELLED REV E

CWQ-47759

WOUND WITH SECONDARY. INCLUDES CAPACITOR CWQ PT. #17A206, 2.7 TO 14 MMF.

CANCELLED

CWQ-47760 RAO-3  
TRANSFORMER, R.F.  
CONSISTS OF PRIM: 690 MICROHENRIES  $\pm 2\%$  @ 1000 CPS. "Q" 30 @ 0.6 MC, 252 TURNS #36 SSE UNIVERSAL, 13.95  $\pm 5\%$  OHMS DC RES. SEC. "Q" 84 @ 5 MC, 23.5 TURNS OF #28 E, 0.46  $\pm 5\%$  OHMS DC RESISTANCE. CAPACITY #1X226 REV E  
2/15/45 9A1636 9A1636 REV A  
MAR. 45 9A1646 9A1646 REV A \*

CWQ-47760

TURN, 1/8 TURN #28 DS WOUND CLOSE TO SEC. INCLUDES CAPACITOR CWQ PT. NO. 17A206, 2.7 TO 14 MMF.

CWQ-47761 RAO-3  
TRANSFORMER, R.F.  
CONSISTS OF PRIM: 2.200 MICROHENRIES  $\pm 2\%$  @ 1000 CPS. PRIMARY "Q" 63 @ 0.2 MC, 347 TURNS OF #36 SSE UNIVERSAL, 27.18  $\pm 5\%$  OHMS DC RESISTANCE. SEC: 64.5 MICROHENRIES  $\pm 5\%$  @ 1000 CPS, "Q" 51 @ 1.5 MC, 58 TURNS OF #10/41 SSE UNIVERSAL, 1.32  
2/15/45 9A1634 9A1634 REV A  
MAR. 45 1X226 REV E

CWQ-47761

$\pm 5\%$  OHMS DC RESISTANCE. CAPACITY TURN, 1 TURN 28 DS WOUND CLOSE TO SEC. INCLUDES CWQ #17A206, 2.7 TO 14 MMF.

DATE	MANUFACTURER'S DESIGNATION	MANUFACTURER'S DRAWING NUMBER	ASSIGNED ISSUED	DATE	MANUFACTURER'S DESIGNATION	MANUFACTURER'S DRAWING NUMBER	ASSIGNED ISSUED	DATE	MANUFACTURER'S DESIGNATION	MANUFACTURER'S DRAWING NUMBER
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NAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION	NAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION	NAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION
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**CWQ-47762** RAO-3  
 TRANSFORMER, R.F.  
 CONSISTS OF PRIM: 30.0 MICROHENRIES ±2% @ 1000 CPS. "Q" 35 @ 1500KC. 39 TURNS OF #30 DS UNIVERSAL. 0.83 ±5% OHMS DC RES. SEC: 353.5 MICROHENRIES ±0.5% @ 1000 CPS. "Q" 83 @ 600 KC. 123 TURNS 10/41 SSE. 4.06 ±5% OHMS DC RESISTANCE. COEFF. 2/15/45 9A1631 9A1631 REV A  
 MAR. 45 1X226 REV E

**CWQ-47762**  
 OF COUPLING (PRI & SEC) IS 27.45 ±5% @ 1000 CPS. INCLUDES CWQ CAPACITOR -17A206 2.7 TO 14 MMF.

**CWQ-47766** RAO-3  
 TRANSFORMER, R.F.  
 CONSISTS OF PRI: 30 MICROHENRIES ±2% @ 1000 CPS. "Q" 35 AT 1500KC. 39 TURNS. #30 DS. 0.764 ±5% OHMS DC RES. SEC: 345 MICROHENRIES ±0.5% AT 1000 CPS. "Q" 85 @ 600KC. 123 TURNS. 10/41 SSE. 4.01 ±5% OHMS DC RESISTANCE. INCLUDES CWQ PT 2/15/45 9A1643 9A1643 REV A  
 MAR. 45 1X226 REV E

**CWQ-47766**  
 #17A206. 2.7-14 MMF. COEFF. OF COUPLING (PRIM TO SEC) IS 24% ±5% @ 1000 CYCLES.

**CWQ-47773** RAO-3  
 TRANSFORMER, R.F.  
 PLATE: 48 MICROHENRIES AT 1000 CPS; "Q" 80 AT 1.5 MC. 48.25 TURNS OF 28 E SPACE WOUND 0.913 OHMS DC RES. GRID: 3.1 MICROHENRIES AT 1000 CPS. "Q" 51 AT 10 MC. 7.2 TURNS #28 E SPACE WOUND. 0.156 ±5% OHMS DC RES. INCLUDES CWQ 17A207. 3-35 2/15/45 9A1655 9A1655 REV B  
 MAR. 45 1X226 REV E

**CWQ-47773**  
 MMF; NTO 481428. 800 MMF.

**CWQ-47763** RAO-3  
 TRANSFORMER, R.F.  
 CONSISTS OF PRIM: "Q" 25 AT 27 MC. 9.5 TURNS #36 DS INTERWOUND. 0.810 ±5% OHMS DC RESISTANCE. SEC: "Q" 38 AT 20 MC. 9.875 TURNS OF #22E WIRE. 0.043 ±5% OHMS DC RESISTANCE. TERTIARY: 51 MICROHENRIES "Q" 32 @ 3 MC. 47 TURNS OF #38E CLOSE- 2/15/45 9A1651 9A1651 REV A  
 MAR. 45 1X226 REV E

**CWQ-47763**  
 WOUND 5.909 ±5% OHMS. INCLUDES CAP. CWQ -17A206. 3-25 MMF.

**CWQ-47767** RAO-3  
 TRANSFORMER, R.F.  
 CONSISTS OF GRID: "Q" 76 AT 20 MC. 2.25 #30 DS CLOSE WOUND 0.068 ±5% OHMS DC RESISTANCE. PLATE. "Q" 120 @ 20 MC. 5.25 TURNS. #22 E SPACE WOUND 0.03 ±5% OHMS DC RESISTANCE. INCLUDES CWQ 17A205. 3 TO 25 MMF: -481083; 980 MMF. 2/15/45 9A1661 9A1661 REV A  
 MAR. 45 1X226 REV E

**CG-47768** SP-1M  
 COIL OSCILLATOR  
 INDUCTANCE OF 90 MILLIHENRIES. 8.2 KC PEAKING FREQ. CONSISTS OF 2930 TURNS OF #36 ES WIRE WITH 235 OHMS DC RES. SLUG TUNED.

2/15/45 K-54J82 P-3 K-54J82 P-3  
 MAR. 45 REV 3

**CWQ-47774** RAO-3  
 TRANSFORMER, R.F.  
 CONSISTS OF GRID: 30 MICROHENRIES ±2% AT 1000 CPS. "Q" 26 AT 1500 KC 39 TURNS OF #30 DS UNIVERSAL. 0.784 ±5% OHMS DC RES. PLATE: 184 MICROHENRIES ± 0.5% AT 1000 CPS. "Q" 50 AT 600 KC. 93 TURNS OF #10/41 SSE. 2.27 ±5% OHMS DC RES. COEFF OF 2/15/45 9A1653 9A1653 REV A  
 MAR. 45 1X226 REV E

**CWQ-47774**  
 COUPLING (PRI TO SEC) 22.5% ± 5% AT 1000 CPS. INCLUDES CWQ 17A205. 5-25 MMF; NTO-48854. 300 MMF.

**CWQ-47764** RAO-3  
 TRANSFORMER, R.F.  
 CONSISTS OF PRI: 56 MICROHENRIES ±2% AT 1000 CPS. "Q" 30 @ 2 MC. 73 TURNS OF #36 SSE UNIVERSAL. 3.655 ±5% OHMS DC RES. SEC: "Q" 100 @ 8 MC. 9.4 TURNS OF #24 E SPACE WOUND 0.09 ±5% OHMS DC RESISTANCE. CAPACITY TURN. 1 TURN OF #28 DS INTER- 2/15/45 9A1648 9A1648 REV A  
 MAR. 45 CANCELLED 1X226 REV E

**CWQ-47764**  
 WOUND. INCLUDES CWQ -17A206. 2.7 TO 14 MMF.  
 CANCELLED

**CG-47769** SP-1M  
 COIL OSCILLATOR  
 170 MILLIHENRIES INDUCTANCE. 4.10 KC PEAKING FREQ. CONSISTS OF 3920 TURNS OF #38 ES WIRE. 520 OHMS DC RES. SLUG TUNED.

2/15/45 K-54J82 P4 K-54J82 P4  
 MAR. 45 REV 3

**CG-47775** SP-1M  
 COIL. FOCUS  
 FOCUSING CURRENT 0.021 AMPS. CONSISTS OF 27500 TURNS OF #37 F WIRE. 1000 OHMS DC RES.

2/16/45 K47J996 P-1 K47J996 P1  
 MAR. 45

**CG-47770** SP-1M  
 COIL OSCILLATOR  
 TUNED TO 1.639 KC. CONSISTS OF 5100 TURNS OF #38 ES WIRE. 690 OHMS DC RES. 3/1 TUNED.

2/15/45 K-54J82 P5 K-54J82 P5  
 MAR. 45 REV 3

**CFW-47776** RCB  
 I.F. TRANSFORMER  
 PRI: 91 Q AT 455KC. 320 MILLIHENRIES AT 1000 CPS. 245 TURNS OF 5 STRANDS #42 SSE OR SCE WIRE. 7.0 OHMS DC RESISTANCE. HAS A 155 MMF. SILVER MICA CAPACITOR ACROSS PRIMARY. SEC: 105 Q AT 455KC. 600 MILLIHENRIES AT 1000 CPS. 325 TURNS OF 5 2/20/45 CHL:50B086  
 MAR. 45 REV D

**CWQ-47765** RAO-3  
 TRANSFORMER, R.F.  
 CONSISTS OF PRI: 2200 MICROHENRIES ±2% @ 1000 CPS. PRIM. "Q" 60 @ 0.2 MC. 347 TURNS OF #36 SSE UNIVERSAL. 27.0 ±5% OHMS DC RESISTANCE. SEC: 64 MICROHENRIES ±0.5% @ 1000 CPS. 58 TURNS OF #10/41 SSE. 1.37 ±5%. CAPACITY TURN. 1 TURN #28 2/15/45 9A1645 9A1645 REV A  
 MAR. 45 1X226 REV E

**CWQ-47765**  
 DS WOUND CLOSE TO SEC. INCLUDES CWQ PT. #17A206. 2.7-14 MMF.

**CWQ-47771** RAO-3  
 TRANSFORMER, R.F.  
 CONSISTS OF GRID: "Q" 68 AT 14 MC. 2.6 TURNS. #28 DS. 0.070 ±5% OHMS DC RES. PLATE: "Q" 113 @ 8 MC. 8.75 TURNS. #24 E. 0.082 ±5% OHMS DC RES. CWQ PT #17A205 3-25 MMF; 47X350; 3100 MMF. CANCELLED 2/15/45 9A1659 9A1659 REV A  
 MAR. 45 1X226 REV E

**CFW-47776**  
 STRAND #42 SSE OR SCE WIRE. 9.5 OHMS DC RESISTANCE. HAS AN 80 MMF. SILVER MICA CAPACITOR ACROSS SECONDARY. HAS REMOVABLE ADJUSTABLE POWERED IRON CORE. BUT INDUCTANCES ARE MEASURED WITHOUT CORE. MOUNTED IN A CAN.

**CWQ-47772** RAO-3  
 TRANSFORMER, R.F.  
 CONSIST OF PLATE: "Q" 87 AT 5 MC. 20 TURNS OF #28 E SPACE WOUND 0.300 ±5% OHMS DC RESISTANCE. GRID: Q 73 AT 8 MC. 5.75 OF #28 E SPACE WOUND 0.135 ±5% OHMS. CSQ PT NO. 17A205. 3-25 MMF & 47X371. 1360 MMF. CANCELLED 2/15/45 9A1657 9A1657 REV A  
 MAR. 45 1X226 REV E

**CG-47777** UM  
 R.F. CHOKE  
 RATED 2.5 MICROHENRIES ±4% AT 1000 CYCLES 36 OHMS DC RESISTANCE. 460 TURNS OF #36 E.S. NEMA WIRE. WOUND IN 4 PIES 115 TURNS/PI.

2/20/45 K34J318-G1 CG:K-34J318  
 MAR. 45 REV 6

DATE	MANUFACTURER'S DESIGNATION	MANUFACTURER'S DRAWING NUMBER	ASSIGNED ISSUED	DATE	MANUFACTURER'S DESIGNATION	MANUFACTURER'S DRAWING NUMBER	ASSIGNED ISSUED	DATE	MANUFACTURER'S DESIGNATION	MANUFACTURER'S DRAWING NUMBER	ASSIGNED ISSUED
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NAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION	NAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION	NAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION
CAQB-47794		ADJUSTABLE POWDERED IRON CORE REMOVED.	CAY-47800 TCE		OSC. COIL AND SWITCH ASSEMBLY: INDUCTANCE FROM TAP #5 TO START AT 6000 KC IS 2.55 MILLIHENRIES FROM TAP #6 TO START AT 6,000 KC IS 4.05 MILLIHENRIES. PRIMARY HAS 3 5/6 TURNS, TAPPED AT 1 1/6 & 2 2/3 TURNS OF #17-7605585/G-2 REV 19 2/20/45 MAR. 45	CDU-47805 CDU-60073		R.F. CHOKE: RATED 36.5 MICROHENRIES, HAS 35.5 TURNS #30 EN CU WIRE WOUND ON POLYSTYRENE FORM. 2/24/45 MAR. 45
CAQB-47795 RCB		R.F. TRANSFORMER: 1.63 TO 2.29 MC. PRI: RATED 1510 MICROHENRIES AT 1000 CPS; 392 TURNS #36 S CEL E WIRE; 24.1 OHMS DC RES. SEC: RATED 24 MICROHENRIES AT 2.28 MC WITH 200 MMF ± 1/2%; 40 TURNS 15/44 SCE WIRE; 1.05 OHMS DC RES. INDUCTANCES MEASURED WITH 2/21/45 756 MAR. 45	CAY-47801 TCE		OSC. COIL AND SWITCH ASSEMBLY: INDUCTANCE FROM TAP #5 TO START AT 6000 KC IS 4.00 MILLIHENRIES, FROM TAP #6 TO START AT 6000 KC IS 6.55 MILLIHENRIES. PRIMARY HAS 4 5/6 TURNS TAPPED AT 1 1/6 AND 3 2/3 TURNS OF #30 #17-7605585/G-1 REV 19 2/20/45 MAR. 45	-47806 JT		RE 13A 553 REACTOR: CONSISTS OF 3 TERMINALS, 1 WINDING, WINDING 1-2 CONSISTS OF 2860 TURNS OF #36 WIRE, 238.2 OHMS DC RES. 875 MH INDUCTANCE. WINDING 1-3 CONSISTS OF 1360 TURNS #36 WIRE 119 OHMS DC RES. INDUCTANCE 240 MH. HIPOT 1000V. 2/24/45 MAR. 45
CAQB-47795		ADJUSTABLE POWDERED IRON CORE REMOVED.	CAY-47801 TCE		OSC. COIL AND SWITCH ASSEMBLY: INDUCTANCE FROM TAP #5 TO START AT 6000 KC IS 4.00 MILLIHENRIES, FROM TAP #6 TO START AT 6000 KC IS 6.55 MILLIHENRIES. PRIMARY HAS 4 5/6 TURNS TAPPED AT 1 1/6 AND 3 2/3 TURNS OF #30 #17-7605585/G-1 REV 19 2/20/45 MAR. 45	CFW-47807 JT		INDUCTOR: CONSISTS OF A COIL AND CAPACITOR. COIL CONSISTS OF 3400 TURNS OF 36 SSE #604 WIRE. CAPACITOR RATED 750 MMFD. CAPACITOR AND COIL RESONATED AT 8 KC. COIL INDUCTANCE 610 MH. 2/24/45 MAR. 45
CAQB-47796 RCB		R.F. TRANSFORMER: 4.75 TO 6.5 MC. PRI: RATED 121 MICROHENRIES AT 1000 CPS, 89 TURNS #32 SCE WIRE; 2.47 OHMS DC RES. SEC: 23 TURNS #24 DCB WIRE; 0.084 OHMS DC RES. INDUCTANCE MEASURED WITH ADJUSTABLE POWDERED IRON CORE REMOVED. 2/21/45 756 MAR. 45	CAY-47801		EN WIRE, SECONDARY HAS 13 1/2 TURNS TAPPED AT 3 1/2, 5 1/3, 9 1/6 AND 13 TURNS OF #16 TINNED COPPER WIRE; 0.026 OHMS DC RES; 500 VOLTS TO GROUND; SWITCH IS WAFER TYPE CEMENTED TO COIL FORM. 2/20/45 MAR. 45	CFW-47808 JT		INDUCTOR COIL CONSISTS OF 6080 TURNS OF 38 SSE #605 WIRE INDUCTANCE 640 MH ± 5%. 2/24/45 MAR. 45
CAQB-47797 RCB		R.F. TRANSFORMER: 13.2 TO 17.7 MC. PRI: 32 TURNS #36 S CEL E WIRE; 1.7 OHMS DC RES. SEC: 5 TURNS #22 TO CEL BRAID; 0.02 OHMS DC RES. HAS ADJUSTABLE POWDERED IRON CORE. 2/21/45 756 MAR. 45	CAY-47802 TCE		OSC. COIL AND SWITCH ASSEMBLY: INDUCTANCE FROM TAP #5 TO START AT 6000 KC AT 1.25 MILLIHENRIES, FROM TAP #6 TO START AT 6000 KC AT 2.15 MILLIHENRIES. PRIMARY HAS 3 5/6 TURNS TAPPED AT 1 1/6 AND 2 2/3 TURNS OF #30 #17-7605613/G-3 REV 19 2/20/45 MAR. 45	CFW-47809 JT		OSCILLATOR COIL CONSISTS OF 2 COILS ENCLOSED IN A CAN. COIL #1 CONSISTS OF 600 TURNS #36 SSE #604 WIRE. INDUCTANCE 10 MH. COIL #2 CONSISTS OF 600 TURNS OF #36 SSE #604 WIRE OF INDUCTANCE 10 MH CONNECTION BETWEEN 1 & 2 RATED 6.9 MH. 2/27/45 MAR. 45
CAUX-47798 RCB		R.F. TRANSFORMER: 455 KC. PRI: RATED 305 MILLIHENRIES WITH ADJUSTABLE CORE OUT; Q OF 48; 126 TURNS #34 SSE WIRE; 5.1 OHMS DC RES. SEC: RATED 230 MILLIHENRIES WITH CORE OUT, OR FROM 245 TO 305 MILLIHENRIES WITH CORE IN; Q OF 52.5; 110 TURNS #34 SSE WIRE; 2/21/45 5190 MAR. 45	CAY-47802 TCE		OSC. COIL AND SWITCH ASSEMBLY: INDUCTANCE FROM TAP #5 TO START AT 6000 KC AT 1.25 MILLIHENRIES, FROM TAP #6 TO START AT 6000 KC AT 2.15 MILLIHENRIES. PRIMARY HAS 3 5/6 TURNS TAPPED AT 1 1/6 AND 2 2/3 TURNS OF #30 #17-7605613/G-3 REV 19 2/20/45 MAR. 45	CRV-47810 MAR		R.F. CHOKE 45 TURNS 0.010" WIRE. 500 OHMS IMPEDANCE AT 50 MC. NATURAL RESONANT FREQUENCY ABOVE 50 MC. DC RESISTANCE NOT TO EXCEED 0.3 OHMS. 2/29/45 MAR. 45
CAUX-47798		4.5 OHMS DC RES. HAS ADJUSTABLE POWDERED IRON CORE. UNSHIELDED.	CAY-47802 TCE		OSC. COIL AND SWITCH ASSEMBLY: INDUCTANCE FROM TAP #5 TO START AT 6000 KC AT 1.25 MILLIHENRIES, FROM TAP #6 TO START AT 6000 KC AT 2.15 MILLIHENRIES. PRIMARY HAS 3 5/6 TURNS TAPPED AT 1 1/6 AND 2 2/3 TURNS OF #30 #17-7605613/G-3 REV 19 2/20/45 MAR. 45	CBM-47811 WCA-2		INTERSTAGE TRANSFORMER INDUCTANCE 21 MILLIHENRIES FROM P1 TO P2 AT 1000 CYCLES. PRIMARY AND SECONDARY EACH 415 TURNS OF #60-38 LITZ STRANDED COPPER WIRE. 2.5 OHMS DC RES. EACH COIL TAPPED AT 150 AND 220 TURNS. TWO CAPACITORS CS-46037 ARE USED ON THIS UNIT. 3/1/45 MAR. 45
CNA -47799 TEB		R.F. COIL: RATED 27.7±27 MICROHENRIES AT 1420 KC. Q=155±30. 36 TURNS #22 D.C.C WIRE WOUND ON ISOLANTITE FORM. 2/21/45 MAR. 45	CDU-47803 CDU-60073		OSCILLATOR COIL: RATED 61.0 MICROHENRIES. HAS 50.5 TURNS #30 EN CU WIRE WOUND ON POLYSTYRENE FORM. 2/24/45 MAR. 45	CBM-47812 WCA		INTERSTAGE TRANSFORMER INDUCTANCE 21 MILLIHENRIES FROM P1 TO P2 AT 1000 CYCLES. PRIMARY AND SECONDARY EACH 415 TURNS OF #60-38 LITZ STRANDED COPPER WIRE. 2.5 OHMS DC RES. EACH COIL TAPPED AT 110 AND 220 TURNS. SAME AS -47811 EXCEPT FOR TAPS AND NO CAPACITORS 3/1/45 MAR. 45
			CDU-47804 CDU-60073		OSCILLATOR COIL: RATED 38.5 MICROHENRIES. HAS 39.5 TURNS #30 EN CU WIRE WOUND ON POLYSTYRENE FORM. 2/24/45 MAR. 45			

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2/21/45	CNA:XR-16	CYV:ISA-8-2-2		2/24/45	21-133	CDU:DD-989-A		2/21/45	CNA:XR-16	CYV:PHIS-15
MAR. 45		ISS 1		MAR. 45				MAR. 45		



Class 47—R-F Transformers—Inductors—Chokes

3.47-43

NAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION	NAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION	NAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION
USED IN UNIT.		CBM-47812	ENAMELED STRANDS SINGLE SILK COVERED, 150 OHMS DC RESISTANCE; TEST VOLTAGE 500 VOLTS, 60 CYCLES.		CBM-47818	CFW -47824 WCA R.F. CHOKE INDUCTANCE 85 MILLIHENRIES ±5%. 2320 TURNS OF #34 SSE WIRE. 329 OHMS APPROX. DC RESISTANCE. UNIVERSAL WOUND 15 MILLI-APSA MAX DC CURRENT.		
		CHC-47813 WCA RF CHOKE INDUCTANCE 2.1 MILLIHENRIES, 35 OHMS DC RES. COMPOSED OF 5 PIES, EACH PIE 168 TURNS OF #36 SSE WIRE.			CBM-47819 WCA OSCILLATOR TRANSFORMER PRIMARY RATED 18.58 MILLIHENRIES, 1100 TURNS OF 3X40 LITZ WIRE, 82 OHMS DC RES. TWO SECONDARIES, EACH RATED INDUCTANCE 2.17 MILLIHENRIES, 350 TURNS OF #31 SSE WIRE, 10 OHMS DC RESISTANCE. TWO CAPACITORS USED BETWEEN THE SECONDARY COILS			3/5/45 CFW:SC-106-A      CBM:1000A-23 MAR. 45      CBM:803-162      ALT 0
		3/1/45 CHC:CH-X      CBM:1000A-19 MAR. 45      CBM:803-227      ALT 0			3/2/45 803-3008      CBM:U803-3008 MAR. 45      ALT 1			CFW-47825 WFA RF CHOKE INDUCTANCE 25.0 MILLIHENRIES, 1385 TURNS OF SIZE 0.0115 WIRE, 160 OHMS DC RESISTANCE.
		CFW-47814 SO-50a REACTOR 1 MILLIHENRY ± 5% AT 1000 CYCLES ± 5% WITH 125 MA DC. 260 TURNS #36 SSE WIRE. 17.34 OHMS DC RESISTANCE.			ARE NAVY TYPE CD-48865B-10; TEST VOLTS 1000 RMS.			3/5/45 CFW:SC-A12961      CBM:1000A-142 MAR. 45      CBM:1000A-142      ALT 1
		3/2/45 12587      CRP:DLG96-5003 MAR. 45      REV 3			CBM-47820 WCA MIXER OUTPUT TRANSFORMER CONSISTS OF 4 COILS. PRIMARY 2 COILS CONN. IN SERIES (TERMINALS 1-2), SECONDARY 2 COILS CONN. IN SERIES (TERMINALS 2-3), EACH PAIR CONSISTS OF 2000 TURNS OF 3X40 LITZ WIRE, 860 OHMS DC RES. EACH COIL INDIVIDUALLY HAS INDUCTANCE 86.50			-47826 WCA-2 COIL, A.F. TUNING RETARDATION TERMINALS A/R-COM/C-COM/D-COM RATED MAX. MIN. INDUCTANCE 5.55-5.45/0.131-0.129/0.949-0.931/0.949-0.931 HENRIES, 6400/980/3680/3680 TURNS OF 33 ES OR EN/24 EC OR EN/33 ES OR EN/33 ES OR EN WIRE, 285/5.6/110/110 OHMS MAX DC RES. CANCELLED
		CBM-47815 HBM REACTOR RATED 312-348 MICROHENRIES 1000 CYCLES.			3/2/45 803-3007      CBM:U803-3007 MAR. 45      ALT 0			3/5/45 CFW:D-157372      CBM:U1000A-65 MAR. 45      CBM:755-196A      ALT 1 CANCELLED
		3/2/45 CHO-116-1 MAR. 45			CBM-47821 SO-1 DEFLECTION COIL FOUR SECTIONS, 1000 TURNS OF #36 HF WIRE PER SECTION. RATED APPROX. 150 MA ±5% FOR 2 1/4" DEFLECTION OVER ENTIRE COIL; APPROX 63 MILLIHENRIES ±10% OVER ENTIRE COIL. DC RESISTANCE 342 OHMS ±10%.			CBM-47827 QBE-2 RF TRANSFORMER PRI: 21.95 MILLIHENRIES, 787 TURNS OF 60-38 LITZ WIRE, 6 OHMS DC RES. SEC: 0.86 MILLIHENRIES, 89 TURNS OF 0.020" THICK MICA-60-38 LITZ WIRE, 1 OHM DC RES. IMPREGNATED WITH COLLOIDION.
		CBM-47816 WCA HETERODYNE TRANSFORMER INDUCTANCE 103.6 MILLIHENRIES AT 1000 CYCLES IN AIR, 2670 TURNS OF #34 SSE WIRE. 180 OHMS DC RES. IF TAPPED AT 880 TURNS WILL GIVE 45 OHMS DC RES. FROM TERMINALS 1 TO 2, TEST VOLTAGE 500 VOLTS 60 CYCLES.			3/3/45 80G52      CRP:DL92-5085-4 MAR. 45      REV 1			3/5/45 895-3011      CBM:895-3011 MAR. 45      ALT 0
		3/2/45 568-3011      CBM:568-3011 MAR. 45			CBM-47822 SP-1M FILTER CHOKE RATED 1.6 MICROHENRIES AT 1000 CPS. 22 TURNS OF #24 F WIRE WITH 0.033 OHMS DC RESISTANCE. FREQUENCY 30 MC. WOUND ON MOLDED PHEOLIC FORM. YARNISH IMPREGNATED.			CBM-47828 QBE-2 MODULATOR TRANSFORMER COIL 1/2/3 CONSIST OF 1850/450/450 TURNS OF 3X40 LITZ WIRE. INDUCTANCE TERMINAL 1 TO 2 IS 1.35 HENRIES, 3 TO 4 IS 135 MILLIHENRIES.
		CBM-47817 WCA INPUT TRANSFORMER PRIMARY INDUCTANCE 10 MILLIHENRIES AT 1000 CYCLES IN AIR, 720 TURNS OF 31 SSE WIRE, 24 OHMS DC RES; TWO SECONDARIES, EACH RATED INDUCTANCE 51.25 MILLIHENRIES AT 1000 CYCLES IN AIR, 1600 TURNS OF 3 X 40 LITZ WIRE, 150 OHMS DC RESISTANCE.			3/2/45 568-3009      574S SH 6 MAR. 45			3/5/45 895-3006      CBM:895-3006 MAR. 45
		CBM-47817      CBM-47817 TEST VOLTAGE 500 VOLTS, 60 CYCLES.			CG-47823 SP-1M R.F. CHOKE RATED 1.45 MILLIHENRIES AT 1000 CPS. 345 TURNS #29 ES WIRE; 6.16 OHMS DC RESISTANCE. WOUND ON CERAMIC FORM.			CBM-47829 QBE-2 RF CHOKE RATED 30 MILLIHENRIES AT 1 VOLT, 20,000 CYCLES, Q VALUE OF -70. CONSISTS OF 860 TURNS OF #34 E WIRE, 32 OHMS DC RES.
		CBM-47818 WCA INTERSTAGE TRANSFORMER TWO PRIMARIES EACH RATED INDUCTANCE 48.60 MILLIHENRIES AT 1000 CYCLES IN AIR 1570 TURNS OF 3X40 LITZ EH. STRANDS SINGLE SILK COVERED, 145 OHMS DC RES; TWO SECONDARIES EACH RATED INDUCTANCE 51.25 MILLIHENRIES, 1600 TURNS OF 3X40 LITZ			3/3/45 K-35J68G2      CG:K-35J68G2 MAR. 45      REV 4			3/5/45 895-177      CBM:1000A-22 MAR. 45
		3/2/45 568-3010A      CBM:568-3010A MAR. 45			CG-47823 SP-1M R.F. CHOKE RATED 1.45 MILLIHENRIES AT 1000 CPS. 345 TURNS #29 ES WIRE; 6.16 OHMS DC RESISTANCE. WOUND ON CERAMIC FORM.			CFW-47830 QBE RF CHOKE RATED 82.5 MILLIHENRIES WITH 15 MILLI-AMPS DC. CONSISTS OF 2520 TURNS OF #30 SSE WIRE, 350 OHMS DC RES.
		3/3/45 K-27J585 G4      CG:K-27J585 G4 MAR. 45      REV 3			3/5/45 CFW:12385      CBM:1000A-20 MAR. 45      CBM:369-93      ALT 0			CBM-47831 QBE-1 TRANSFORMER ASSEMBLY (INPUT) CONSISTS OF 2 CFW-47830 CHOKES; ONE CHOKE CONSISTING OF 1250 TURNS OF 3X40 WIRE LITZ SSCE; ONE CHOKE CONSISTING OF 150 TURNS OF #31 SSE WIRE. TOTAL INDUCTANCE 215 TO 260 M.H.
		3/5/45 869-3016      869-3016 MAR. 45      ALT 0						

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NAVSHIPS 900,109

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CAPI- 47832 MBM TRANSFORMER I.F. RATED 455 KC. 2 PI WINDINGS OF #15/44 SSC LITZ. DUOLATERAL WOUND ON A PHENOLIC CORE 110 TURNS PER PIE. SEALED IN METAL SHIELD.	3/2/45 MAR. 45		CML- 47840 UF RF CHOKE RATED 125 MH. UNIVERSAL WOUND ON POWDERED IRON CORE. SINGLE HOLE MTG. WITHOUT SHIELDING. 335.5 OHMS. DC RESISTANCE OF WIRE.	3/9/45 MAR. 45		-47845 QGA SM. CHOKE ASSEMBLY ASSEMBLY OF 2 CHOKES (U8371) AND (U8372) CONN. IN SERIES HAVING COMMON TERM: 1ST CHOKE INDUCTANCE 0.22 HENRIES AT 0.6 AMPS DC. 480 TURNS OF #23 E WIRE. 5.8 OHMS DC RESISTANCE; 2ND CHOKE INDUCTANCE 0.44 HENRIES AT 0.4 AMPS DC. 700 TURNS	3/12/45 MAR. 45	CRP:W-3961 CBM:1000A-169 CBM:360-5 ALT 1	
CAPI- 47833 MBM TRANSFORMER I.F. RATED 455 KC. 2 PIES OF #15/44 SSC LITZ WIRE DUO-LATERAL WOUND ON PHENOLIC CORE 110 TURNS PER PIE. SEALED IN PHENOLIC CASE.	3/2/45 MAR. 45		CRV- 47841 SA TRANSFORMER PRIMARY RATED 41KC FREQUENCY. 240 TURNS OF #41 LITZ WIRE. 15 OHMS DC RESISTANCE. SEC #1 AND #2 CONN. IN SERIES WITH 75 OHMS DC RES. EACH RATED 41KC. 635 TURNS OF #41 LITZ WIRE; SECONDARY INDUCTANCE AND MUTUAL INDUCTANCE TO BE ADJUSTED TO	3/9/45 MAR. 45	M-421641-502 CRV:M-421641 G502/REV 5	-47845 OF #25 E WIRE. 13 OHMS DC RESISTANCE; TEST VOLTAGE 1730V RMS. ASSEMBLED IN METAL CAN. HAS THREE BUSHING TERMINALS.		CANCELLED	
CAPI- 47834 MBM TRANSFORMER B.F.O. RATED 455 KC. CONSISTS OF 185 TURNS OF #7/41 SSC LITZ WIRE TAPPED AT 18TH TURN. WOUND ON PHENOLIC CORE.	3/2/45 MAR. 45		CRV- 47842 SA TRANSFORMER PRIMARY RATED 82KC. 240 TURNS OF #41 LITZ WIRE. 15 OHMS DC RESISTANCE. SEC #1 AND #2 CONN. IN SERIES WITH 75 OHM DC RES. EACH RATED 82KC 600 TURNS OF #41 LITZ WIRE; SECONDARY INDUCTANCE AND MUTUAL INDUCTANCE TO BE ADJUSTED TO A	3/9/45 MAR. 45	M-421641-503 CRV:M-421641 G503/REV 5	CBM- 47846 QGA LAG LINE COIL INDUCTANCE WITH IRON CORE 278 MILLIHENRIES. WITHOUT IRON CORE 167 MILLIHENRIES. INDUCTANCE IN CAN ASSEMBLED 210 MILLIHENRIES. 3200 TURNS OF #7-41 SSC LITZ WIRE. 190 OHMS DC RESISTANCE.	3/12/45 MAR. 45	955-125 CBM:955-125 ALT 1	
CFW- 47835 SO-SOa INDUCTOR, RF RATED AT 225-250 MICROHENRIES AT 8000V PEAK. 305 TURNS #24 E WIRE (30 1/2 TURNS EACH PI) 1.57 OHMS DC.	3/2/45 MAR. 45	12573	CRP:92-5077 REV 0	CRV- 47843 QCG-2 FILTER CHOKE INDUCTANCE 20 MILLIHENRIES AT 8.5 AMPS DC. 280 TURNS OF 120 X 0.060 WIRE. 0.38 OHMS DC RESISTANCE. TEST VOLTAGE 1780 RMS. MOUNTED IN A CAN.	3/9/45 MAR. 45	CRP:U6408 CBM:571-493 ALT 0	CW- 47849 SS RETARDATION COIL: INDUCTANCE RATED 1900 MICROHENRIES MINIMUM. 2100 MICROHENRIES MAXIMUM AT 1.8 KC. 360 TURNS OF #34 GA EN WIRE DUOLATERALLY WOUND. 20 OHMS DC RESISTANCE AT 70°F.	3/9/45 MAR. 45	CW:D-170790 CW:BA-107951 ISSUE 1
CBM- 47836 QBE-1 TRANSFORMER ASSEMBLY (INTERSTAGE): PRIMARY CONSISTS OF ONE COIL NAVY TYPE CBM-47838. SEC: 1 CFW-47830 CHOKE. SEC 2. ONE COIL CONSISTING OF 1250 TURNS OF 3X40 LITZ WIRE; SEC 3; CFW-47830 COIL. TOTAL INDUCTANCE OF 290 MILLIHENRIES. SUPER SONIC FREQUENCY.	3/5/45 MAR. 45	869-3017	869-3017 ALT 3	CBM- 47844 NK-7 INTERSTAGE TRANSFORMER UNIT CONSISTS OF: 2 COILS EACH CONSISTING OF 2290 TURNS #36 SSE WIRE. EACH COIL RATED 212 OHMS DC. 75.6 MILLIHENRIES; 2 COILS EACH CONSISTING OF 1930 TURNS #35 SSE WIRE. EACH COIL RATED 140-145 OHMS DC. 51 MILLIHENRIES; ONE VARIABLE AIR CAPA-	3/12/45 MAR. 45	810-3028 810-3028 REV 2	CW- 47850 SS RETARDATION COIL: INDUCTANCE RATED 2850 MICROHENRIES MINIMUM. 3150 MICROHENRIES MAXIMUM AT 1.8 KC. 430 TURNS OF #34 GA EN WIRE DUOLATERALLY WOUND. 24 OHMS DC RESISTANCE AT 70°F.	3/9/45 MAR. 45	CW:D-170791 CW:BA-107951 ISSUE 2
CBM- 47837 QBE OSCILLATOR TRANSFORMER PRI: HAS 1750 TURNS TAPPED AT 1250 OF 21/38 LITZ WIRE. 40 OHMS DC RES. 161.2 MILLIHENRIES. SEC: CONSISTS OF 3 LAYERS HAVING 18, 17/16 TURNS OF #81-38 LITZ. RESONANT FREQ.	3/5/45 MAR. 45	895-3004	895-3004 ALT 0	CW- 47851 SS RETARDATION COIL: INDUCTANCE RATED 25 MICROHENRIES MINIMUM. 27 MICROHENRIES MAXIMUM AT 300 KC. 62 TURNS OF #32 GA EN WIRE LAYER WOUND. 1.55 OHMS DC RESISTANCE AT 70°F.	3/9/45 MAR. 45	CW:D-170792 CW:BA-107951 ISSUE 2			
CBM- 47838 QBE RF COIL CONSISTS OF 850 TURNS OF 3X40 LITZ SSC WIRE. 70 OHMS DC RES. 12.6 TO 13.1 MILLIHENRIES INDUCTANCE.	3/6/45 MAR. 45	750-370	750-370						
CBM- 47839 QBE PICK-UP COIL ASSEMBLY PRI: CONSISTS OF ONE CBM-47838. SEC: CONSISTS OF TWO CFW-47830. TOTAL INDUCTANCE 240 MILLIHENRIES.	3/6/45 MAR. 45	895-3001	895-3001						

Class 47—R-F Transformers—Inductors—Chokes

3.47-45

NAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION	NAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION	NAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION
CW-47852 SS RETARDATION COIL: INDUCTANCE RATED 35 MICROHENRIES, MINIMUM, 38 MICROHENRIES MAXIMUM AT 300 KC, 71 TURNS OF #34 GA EN WIRE LAYER WOUND, 2.80 OHMS DC RESISTANCE AT 70°F.	3/9/45 MAR. 45	CW:D-170793 CW:BA-107951 ISSUE 2	CRV-47859 SD-3 R.F. HEATER COIL: INDUCTANCE 0.12-0.14 MICROHENRIES, 109-119 KC, 2 1/2 TURNS OF #22 TINNED COPPER WIRE, LESS THAN 0.1 OHMS DC RESISTANCE, ADJUSTABLE IRON CORE WITH SCREWDRIVER SLOT, SAME AS 47859A EXCEPT NOT TAPPED.	3/14/45 MAR. 45	CRV:K-883694/ G 501/REV. 1	CRV-47863 VOLTAGE 300V DC.		
CW-47853 SS RETARDATION COIL: INDUCTANCE RATED 145 MICROHENRIES MINIMUM, 155 MICROHENRIES MAXIMUM AT 50 KC, 90 TURNS OF #30 GA EN WIRE DUOLATERALLY WOUND, 2 OHMS DC RESISTANCE AT 70°F.	3/9/45 MAR. 45	CW:D-170794 CW:BA-107951 ISSUE 2	CRV-47859-A SD-3 R.F. COIL: INDUCTANCE 0.12-0.14 MICROHENRIES, 109-119 KC, 4 5/8 TURNS, TAPPED AT 7/8 TO ONE TURN, OF #22 WIRE, LESS THAN 0.1 OHMS DC RESISTANCE, CORE HAS ADJ. IRON CORE WITH SCREWDRIVER SLOT, SAME AS -47859 EXCEPT IS TAPPED.	3/14/45 MAR. 45	CRV:K-883692 G501/REV. 1	CAOS-47864 NORD-6134 COIL, VIDEO INDUCTANCE 7.5 MILLIHENRIES, CONSISTS OF 550 TURNS #15-44 LITZ WIRE, IMPEDANCE 10 OHMS ± 10%, ONE 1/2" UNIVERSAL WOUND PI.	3/13/45 MAR. 45	CAOS:41702 CAOS:B-41702B REV 2
CBM-47854 QGA LAG LINE COIL ASSEMBLY: CONSISTS OF TWO COILS HAVING IRON CORES, ASSEMBLED & POTTED IN METAL CAN, TEST RATINGS FOR COILS: INDUCTANCE WITHOUT IRON CORE #17-2: 167/159 MH, WITH IRON CORE 278/263 MH, ASSEMBLED IN CAN 210/210 MH, #1 HAS 3200 TURNS OF #7-41 SSC	3/3/45 MAR. 45	955-3029 CBM:955-3029 ALT 4	CFW-47860 VF R.F. CHOKE: INDUCTANCE 5 MICROHENRIES, 575 TURNS OF #36 SSE WIRE, 43.2 OHMS DC RESISTANCE, MAX. CURRENT 25 MILLIAMPS, 2 X UNIVERSAL WOUND ON CERAMIC FORM.	3/14/45 MAR. 45	12164 CFW:4906 REV. 1	CAOS-47865 NORD-6134 COIL, MARKER ASSEMBLY INDUCTANCE 15 MILLIHENRIES, IMPEDANCE 22 OHMS ± 1.5%, CONSISTS OF 780 TURNS OF #15-44 LITZ WIRE, ONE 1/2" UNIVERSAL WOUND PI, COIL IS MOUNTED ON A COIL FORM, TWO HOLES, ONE IN EACH END OF SPACER.	3/13/45 MAR. 45	CAOS:95345, CAOS:B-41703-D REV 0
CBM-47854 LITZ WIRE, 190 OHMS DC RESISTANCE, #2 HAS 3125 TURNS OF #7-41 SSC LITZ WIRE, 185 OHMS DC RESISTANCE, CAN SOLDERED SHUT.			CRV-47861 NMC FIRST R.F. COIL ASSEMBLY: CONSISTS OF CAPACITOR NAVY TYPE -481141-D2 AND COIL ENCLOSED IN CAN, COIL CONSISTS OF 6 PIES, EACH PIE 785 TURNS #40 LITZ WIRE, TOTAL NO. OF TURNS 4710, INDUCTANCE OF COIL WITHOUT IRON CORE 0.1185 HENRIES, INDUCTANCE OF ASSEMBLY	3/15/45 MAR. 45	CRV:W-305292 P107/REV. 5	CACY-47866 LU-3 RF CHOKE ASSEMBLY RATED 80 MILLIHENRIES ± 5% AT 50 KC/SEC AND 0 DC, 4 OHMS DC RESISTANCE 100 MA, LATTICE WOUND ON BAKELITE SPOOL.		*CRB:AS-1442, ISS E 3/13/45 MAR. 45
-47855 QGA FOCUSING COIL: 41000 TURNS OF #38E WIRE, 19500 OHMS DC RESISTANCE, 2000 VOLTS HIPOTENTIAL TEST COIL TO CASE, COIL IN METAL CASE.	3/13/45 MAR. 45	CAKY:2686 CBM:954-23 CBM:1000A-162 ALT 0	CRV-47861 INCL. COIL WITH IRON CORE 0.158 HENRIES; FREQ. 17-26 KC, VOLTAGE APPROX. 300V AC, NOT OVER 410 OHMS DC RES OF COIL, ADJUSTABLE IRON CORE.			CRV-47867 MAR R.F. COIL RIGHT HAND COIL, 1 TURN 0.1285 DIA. WIRE.	3/13/45 MAR. 45	K-888148 K-888148 REV 1
CW-47856 MK 3 MOD 2 I.F. FILTER CHOKE: INDUCTANCE 450 MICROHENRIES AT 1000 CPS, 200 TURNS OF #35 AWG SINGLE SILK ENAMEL COPPER WIRE.	3/13/45 MAR. 45	CW:ESR-679332 15 ISS. 10	CRV-47862 NMC SECOND R.F. COIL: MOUNTED IN SHIELDED CAN, CONSISTS OF 6 PIES, TURNS PER PIE 785, TOTAL 4710, CENTER TAPPED AT 2355 TURNS, OF 3 STRAND #40 LITZ WIRE, ADJ. IRON CORE; INDUCTANCE FROM START TO TAP WITHOUT IRON CORE 0.05 HENRIES, FROM START TO FINISH 0.1185	3/15/45 MAR. 45	CRV:W-305292/ P108/REV 5	CRV-47868 MAR R.F. COIL RIGHT HAND COIL, 3 TURNS OF 0.0201" THICK X 3/16" WIDE COPPER SHEET, 0.047" DIA. HOLE ON CENTER LINE ON REAR TURN.	3/13/45 MAR. 45	K-888126-1 K-888126-1 REV 1
CW-47857 *SEE BELOW I.F. FILTER CHOKE: INDUCTANCE 45 MICROHENRIES AT 1000 CPS 70 TURNS OF #35 AWG SINGLE SILK ENAMEL COPPER WIRE.	3/13/45 MAR. 45	CW:ESR-679332 16 ISS. 10	CRV-47862 HENRIES AND FROM S TO F WITH CORE 0.164 HENRIES COMPLETELY ASSEMBLED, NOT OVER 410 OHMS DC RES, FREQUENCY 17-26 KC, VOLTAGE 300V DC.			CRV-47869 MAR R.F. COIL RIGHT HAND COIL, 4 TURNS OF 0.0201" THICK X 3/16 WIDE COPPER SHEET.	3/13/45 MAR. 45	K-888126-2 K-888126-2 REV 1
*MK 3 MOD 2 & 3 MK 4 MOD 1			CRV-47863 NMC THIRD R.F. COIL: CONSISTS OF CAPACITOR -43674-B10 AND COIL ENCLOSED IN CAN, COIL CONSISTS OF 6 PIES, 785 TURNS PER PIE, TOTAL 4710 CT AT 2355 TURNS, OF 3 STRAND #40 LITZ WIRE, ADJ. IRON CORE, INDUCTANCE WITH CORE 0.167 HENRIES, FREQUENCY 17-26 KC.	3/15/45 MAR. 45	CRV:W-305292/ P-109/REV 5	CRV-47870 MAR R.F. COIL RIGHT HAND COIL, 1 TURN OF 0.0808" DIA. WIRE.	3/13/45 MAR. 45	K-888180 K-888180 REV 1
CRP-47858 VF FOCUS COIL: 26,000 TURNS OF #36 PE COPPER WIRE, 7900 OHMS DC RES, FILLED WITH WAX TO SURFACE LEVEL, MOUNTED IN METAL CASE.	3/13/45 MAR. 45	CRP:SPEC U92-5120 REV E						

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DATE	MANUFACTURER'S DESIGNATION	MANUFACTURER'S DRAWING NUMBER	DATE	MANUFACTURER'S DESIGNATION	MANUFACTURER'S DRAWING NUMBER	DATE	MANUFACTURER'S DESIGNATION	MANUFACTURER'S DRAWING NUMBER
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NAVSHIPS 900,109



Class 47—R-F Transformers—Inductors—Chokes

3.47-47

NAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION	NAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION	NAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION
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**COL- 47892**  
CIRCUIT BUT NOT INCLUDED IN THIS TYPE NO. MAX IMPREGNATED.

**CAI- 47897**  
IRON CORE FOR 20TH PRI & SEC. MAX IMPREGNATED. HERMETICALLY SEALED. UNIT SUPPLIED WITH TWO 75 MMF CAPACITORS.

**-47903**  
DISTRIBUTED CAPACITY 1 MMFD, TEST FREQUENCY 1000 CPS. LOW LOSS IMPREGNATION.

**-47893 TCS-12**  
R.F. CHOKE  
INDUCTANCE 5.5 MICROHENRIES AT 1000 CYCLES. 15 3/4 TURNS OF #9 COPPER WIRE; AT 5 MC, Q=52; VARIABLE POWDERED IRON CORE.

**CAI- 47898 TCS SERIES**  
I.F. TRANSFORMER:  
PRI: Q=120 AT 455 KC; 300 TURNS 6 X 42 SSE WIRE; 12.7 OHMS DC RES. SEC: Q=117 AT 455 KC; 300 TURNS 6 X 42 SSE WIRE TAPPED AT 225 TURNS; OVERALL DC RES. IS 12.7 OHMS. WITH 4.3 OHMS DC RES. FROM TAP TO END OF WINDING. POWDERED IRON  
3/20/45 41-378 COL-278440000  
APR. 45 REV. 3

**-47904 TCZ SERIES**  
R.F. CHOKE:  
TOTAL INDUCTANCE 208 MICROHENRIES AT 10 VOLTS, 1000 CYCLES, APPROX. 105 TURNS IN EACH OF 2 SECTIONS, DUO-LATERAL WOUND OF #28 OSC OR SSE WIRE, 2 OHMS DC RESIST. TOTAL, TEST FREQUENCY 1000 CPS. WILL RESONATE AT 1500 KC WHEN USED WITH 54  
3/23/45 COL-240600000 COL-240600000/  
APR. 45 CAQB: D8235

**COL- 47894 TCS SERIES**  
R.F. INDUCTOR  
TOTAL INDUCTANCE 97 MICROHENRIES TAPPED AT 15, 27, 44, 60 AND 76 MILLIHENRIES, 60 TURNS OF #17 SCE WIRE WITH 5 TAPS.

**CAI- 47898**  
CORE FOR BOTH PRI & SEC. MAX IMPREGNATED HERMETICALLY SEALED. UNIT SUPPLIED WITH TWO 75 MMF CERAMIC OR SILVER MICA CAPACITORS WITH ZERO TEMP. COEF.

**-47904**  
MMFD. CAPACITOR WOUND ON BLANK PIGTAIL RESISTOR. OVERALL DIAM. 37/64 MAX, 15/16" LG MAX, APPROX 2" PIGTAILS.

3/19/45 CBV: COL:240 0001 00  
MAR. 45 COL:240 0001 00 D10886

**-47895 TCS SERIES**  
R.F. CHOKE  
3 SECTION PI-DUO-LATERAL WOUND, EACH SECTION 190 TURNS OF #32 SSE WIRE, INDUCTANCE 1.0 MILLIHENRY OVERALL AT 300 MILLIAMPS DC, 10 OHMS DC RESISTANCE, DISTRIBUTED CAPACITY 1.5 MMFD. "Q" SHALL NOT VARY MORE THAN 15% FROM AVERAGE  
3/19/45 CNA:R-3000 COL:240-5800-00  
MAR. 45 COL:240 5800 00

**CBM- 47899 QCR-1**  
TRANSFORMER COIL SUB-ASSEMBLY: MUTUAL INDUCTANCE FOR TWO COILS 62.3 MILLIHENRIES; INDUCTANCE OF SINGLE COIL 18.45 MILLIHENRIES, EACH COIL CONSISTS OF 816 TURNS #60-38 LITZ WIRE TAPPED AT 385 AND 550 TURNS.

**47905 TCZ SERIES**  
R.F. CHOKE:  
INDUCTANCE 2.5 MILLIHENRIES AT 10 VOLTS 1000 CYCLES WITH 0.125 AMPS MAX DC, HAS FOUR SECTIONS, DUO-LATERAL WOUND ON CERAMIC FORM EACH SECTION HAS 222 TURNS OF #35 AWG SSE WIRE, DC RESISTANCE 35 TO 50 OHMS, DISTRIBUTED CAPACITY 1 MMFD.  
3/23/45 CNA COL:240210000 COL:240210000/  
APR. 45 CML-02242 D8602

**-47895**  
VALUE THROUGHOUT THE FREQ. RANGE OF 1.2 TO 12 MEGACYCLES WHEN TESTED PARALLEL WITH A HIGH "Q" COIL (150-200) NOT MECHANICALLY INTERCHANGEABLE WITH -47896.

3/16/45 832-3011 832-3011  
APR. 45 REV. 0

**COL- 47900 TCS SERIES**  
R.F. CHOKE:  
CONSISTS OF 8 TURNS OF #13 GAUGE TINNED COPPER WIRE WOUND ON RC 30 BF 470K RESISTOR. ENDS OF WIRE, SOLDERED TO LEADS OF RESISTOR.

**-47905**  
TEST FREQUENCY 1000 CPS. LOW LOSS IMPREGNATION, PIGTAIL LEADS.

3/20/45 COL-571070410  
APR. 45 REV. 0

**-47896 TCS SERIES**  
R.F. CHOKE:  
3 SECTION PI-DUO-LATERAL WOUND-EACH SECTION 190 TURNS OF #32 SSE WIRE, INDUCTANCE 1.0 MILLIHENRIES OVERALL AT 300 MILLIAMPS DC, 10 OHMS DC RESISTANCE; DISTRIBUTED CAPACITY 1 MMFD. ELECTRICAL \*CRP:P1-1009-B  
3/19/45 CNA:R-300 COL-24D570000  
APR. 45 COL-24D570000 REV. 0 \*

**CBM- 47901 QCR**  
INTERSTAGE TRANSFORMER:  
2 COILS EACH CONSISTING OF 750 TURNS OF #60-33 LITZ WIRE, TAPPED AT 385 AND 550 TURNS, INDUCTANCE 18.45 MILLIHENRIES, TOTAL INDUCTANCE 53.3 MILLIHENRIES, FREQUENCY RESPONSE 18 KILOCYCLES TO 26 KILOCYCLES.  
3/16/45 772-3011 772-3011  
APR. 45 ALT. 0

**COL- 47906 TCZ SERIES**  
R.F. CHOKE:  
INDUCTANCE 100 MICROHENRIES AT 10 VOLTS; 1000 CYCLES, 175 TURNS OF #27 CHROME OXIDE WIRE. WOUND ON CERAMIC FORM AND MOUNTING.  
3/23/45 COL-571140430 COL-571140430/  
APR. 45 D8066

**-47896**  
LY BUT NOT MECHANICALLY INTERCHANGEABLE WITH -47895.

**-47902 TCZ SERIES**  
R.F. CHOKE:  
INDUCTANCE 22 MICROHENRIES AT 1000 CYCLES, 55 TURNS OF #12 WIRE, 0.02 OHMS DC RESISTANCE. CHOKE IS ENCASED IN CARDBOARD TUBING WITH ENDS SPUN OVER FIBRE DISCS. CASE DIMENSIONS 1 5/8" X 1 5/16" DIAMETER.  
3/23/45 CNA:RF-533 COL-240540000/  
APR. 45 COL-240540000 D6261

**-47907 TCZ SERIES**  
R.F. CHOKE:  
INDUCTANCE 6 MILLIHENRIES AT 10 VOLTS, 1000 CYCLES, 993 TURNS IN 5 SECTIONS, DUO-LATERAL WOUND OF #30 SSE WIRE, 21 OHMS TOTAL DC RESISTANCE. SECTIONS 1/2/3/4/5 OF 125/130/133/245/245 TURNS. WOUND ON CERAMIC FORM, ONE END TAPPED  
3/23/45 CML-02400 COL-240590000/  
APR. 45 COL-240590000 D4685

**CAI- 47897 TCS SERIES**  
I.F. TRANSFORMER:  
PRI: Q=76 AT 455 KC; 300 TURNS #36 SSE WIRE PI-WOUND; 18.5 OHMS DC RES. SEC: Q=75 AT 455 KC; 300 TURNS #36 SSE WIRE PI-WOUND, TAPPED AT 266 TURNS; 18.2 OHMS DC RES. OVERALL, WITH 2.5 OHMS DC RES. FROM TAP TO END OF WINDING. POWDERED  
3/20/45 41-377 COL-278450000  
APR. 45 REV. 1

**47903 TCZ SERIES**  
R.F. CHOKE:  
FOUR PI, DUO-LATERAL WOUND ON ISOLANTITE FORM. INDUCTANCE 2.5 MILLIHENRIES AT 1000 CYCLES WITH 0.125 AMPS MAX DC. EACH OF 4 SECTIONS HAS 220 TURNS OF #36 SSE WIRE. TOTAL DC RESIST. 50 OHMS MAX DIS- (CAI-37-224 CNA:R-1000S COL-240530000  
3/23/45 BSEC ABOVE COL-240530000/  
APR. 45 D10413

**-47907**  
FOR #6-32 MTG SCREW.

DATE	MANUFACTURER'S DESIGNATION	MANUFACTURER'S DRAWING NUMBER	ASSIGNED ISSUED	DATE	MANUFACTURER'S DESIGNATION	MANUFACTURER'S DRAWING NUMBER	ASSIGNED ISSUED	DATE	MANUFACTURER'S DESIGNATION	MANUFACTURER'S DRAWING NUMBER
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NAVSHIPS 900,109

NAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION	NAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION	NAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION
47908	TCZ SERIES	R.F. CHOKE: FOUR SECTIONS WOUND ON CERAMIC FORM. INDUCTANCE 5.4 MILLIHENRIES AT 10 VOLTS, 1000 CYCLES WITH 0.125 AMPS MAX DC. EACH SECTION HAS 234 TURNS OF #36 OSC WIRE. 70 OHMS TOTAL DC RESISTANCE; DISTRIBUTED CAPACITY 3 MHFD; RF LACQUER IMPREGNATION. 3/24/45 CML-02472 COL-240410000/ APR. 45 COL-240410000 D2692	CRV- 47913	SD SERIES	TRANSFORMER, I.F. ASSEMBLY CONSISTS OF CAPACITOR, NTN-48674-B10, 0.0001 MFD, AND COIL WOUND IN 3 SECTIONS. SECTION X/Y/Z. INDUCTANCE *CRV:M-421604 G-503 REV 9, K-865361 P-1 REV 2, K-417525 P-3 REV 6, K-78945 P-1 REV 15, K-841728 G501 REV 6 3/23/45 *SEE ABOVE APR. 45	CFN- 47918	BN	RF CHOKE 20 TURNS OF #30 AWG DOUBLE VINYL ACETAL EN WIRE.  3/24/45 300340 G-1 300340 G-1 APR. 45 REV 2
-47908		ALL SECTIONS UNIVERSAL WOUND.	CRV- 47913		4-6 MICROHENRIES/0.8 MICROHENRIES/4-6 MICROHENRIES. 24 TURNS/7 TURNS/25 1/2 TURNS OF #28 AWG EN COPPER WIRE. 2.5/0.9/2.5 OHMS DC RESISTANCE. FREQ: 15 MC. 350V TO GRD. 0.001 AMPS. WATTAGE: 1/4 WATTS. MOUNTED IN A CAN.	CFN- 47919	BN	RF CHOKE 37 TURNS OF #24 AWG DOUBLE VINYL ACETAL EN WIRE.  3/24/45 300314 G-1 300314 G-1 APR. 45 REV 2
COL- 47909	TCZ SERIES	R.F. CHOKE: INDUCTANCE 190 MILLIHENRIES AT 10 VOLTS 1000 CYCLES. 325 TURNS (APPROX) OF #35 SSE WIRE, 8 OHMS DC RESISTANCE. WOUND ON CERAMIC CORE 7/16" DIA., HAS TAB TYPE TERMINALS. ONE END HAS AN ALUMINUM BUSHING INSERT TAPPED FOR A #6-32 SCREW. 3/24/45 COL-571139530 COL-571139530/ APR. 45 D10135	CRV- 47914	SD SERIES	TRANSFORMER ASSEMBLY CONSISTS OF CAPACITOR NTN-48674-B10, 0.0001 MFD, AND COIL WOUND IN 3 SECTIONS. SECTION X/Y/Z. INDUCTANCE *CRV:M-421604 G-501 REV 9, K-865361 P-1 REV 2, K-78945 P-1 REV 15, M-417525 P-3 REV 6, K-841728 G-501 REV 6 3/23/45 *SEE ABOVE APR. 45	CFN- 47920	BN	RF CHOKE 17 TURNS OF #16 AWG DOUBLE VINYL ACETAL EN WIRE.  3/24/45 300314 G-2 300314 G-2 APR. 45 REV 2
CRR- 47910	D8F-1	1608 (RE) GONIOMETER ASSEMBLY: HOUSES SYNCHRONOUS MOTOR 1800 RPM, 110 VOLTS, 60 CYCLES ON ONE END IS THE DRIVING SOURCE & A 2-PHONE ROTATABLE TRANSFORMER ON OTHER END. IN CENTER SECTION IS COMPLETELY SHIELDED 100-156 MC CAPACITIVE GONIOMETER. POWER & RF PLUGS 3/24/45 APR. 45	CRV- 47914		4-6/0.1/4-6 MICROHENRIES. 22/7/23 1/2 TURNS OF #28 AWG EN COPPER WIRE. 2.5/0.1/2.5 OHMS DC RESISTANCE. FREQUENCY: 15 MC. 350V TO GRD. 0.001 AMPS. 1/4 WATT. MOUNTED IN A CAN.	CFN- 47921	BN	RF CHOKE RATED 2.23 TO 2.37 MICROHENRIES AT 16 MEGACYCLES. 36 TURNS OF #28 DOUBLE VINYL ACETAL INSULATED WIRE.  3/24/45 300452 G-1 300452 G-1 APR. 45 REV 2
-47910		LEAD OUT THE BOTTOM OF THE CENTER SECTION. WHOLE ASSEMBLY COMPLETELY GASKETED TO INSURE WEATHER-PROOFING. MOUNTED ON ANTENNA MAST.	CRV- 47915	SD SERIES	TRANSFORMER, I.F. ASSEMBLY CONSISTS OF CAPACITOR NTN-48674-B10, 0.0001 MFD, AND COIL WOUND IN 3 SECTIONS. SECTION X/Y/Z. INDUCTANCE *CRV:M-421604 G-502 REV 9, K-865361 P-1 REV 2, K-78945 P-1 REV 15, M-417525 P-3 REV 6, K-841728 G-501 REV 6 3/23/45 *SEE ABOVE APR. 45	CFN- 47922	BN	RF CHOKE RATED 0.69 TO 0.79 MICROHENRIES AT 30 MEGACYCLES 18 TURNS OF #28 DOUBLE VINYL ACETAL INSULATED WIRE.  3/24/45 300452 G-2 300452 G-2 APR. 45 REV 2
-47911	TCZ-1	MULTIPLIER COIL ASSEMBLY: INCLUDES 2 COILS AND 2 SILVER MICA CAPACITORS, 1-1000 MFD AND 1-1500 MMFD, ASSEMBLED FOR USE IN A 150 KC TANK CIRCUIT AND A 50 KC TANK CIRCUIT. COIL #1 HAS 178 TURNS OF 7-#41 SSE WIRE. 5.5 OHMS DC RESISTANCE. COIL #2 HAS 440 TURNS OF #36 3/24/45 CAI-49-157 COL:278000200/ APR. 45 COL-279000200 D9323	CRV- 47915		4-6/0.8/4-6 MICROHENRIES. 24 3/4 1/2 25 1/2 TURNS OF #28 AWG EN CU WIRE. 2.5/0.9/2.5 OHMS DC RESISTANCE. FREQUENCY 15 MC. 350V TO GRD. 0.001 AMPS. 1/4 WATTS. MOUNTED IN A CAN.	-47923	TCZ	OSCILLATOR COIL ASSEMBLY CONSISTS OF 2 COILS WITH VARIABLE IRON CORES AND 2-250 MMFD AND 1-1500 MMFD. SILVER MICA CAPACITORS ASSEMBLED TO FORM 2 CIRCUITS, A 200 KC OSCILLATOR CIRCUIT AND A 50 KC TANK CIRCUIT. 1ST COIL HAS 320 TURNS OF #36 SS E WIRE. 20.4 OHMS DC 3/24/45 CAI:49-157 COL:278 0001 00 APR. 45 COL:278 0001 00 D9324
SSE WIRE, 29.8 OHMS	-47911	DC RESISTANCE, VARIABLE POWDERED IRON CORES, ZINC SHIELD CAN. COILS WILL TUNE TO 142 TO 158 KC AND 47 TO 53 KC WITH 50000 AND 100,000 OHMS DYNAMIC RESISTANCE RESPECTIVELY ACROSS COILS AT RESONANCE.	CRR- 47916	D8F-1	1608(RE) ANTENNA COUPLING UNIT CASTING CONTAINING NECESSARY TRANSFORMERS TO ENABLE OBTAINING SENSE FOR THE D/F. THE NECESSARY CABLES FROM ANTENNA ELEMENTS ARE PERMANENTLY FASTENED TO THIS UNIT. PLUGS ON UNIT ALLOW CONNECTION OF 3 CABLES TO GONIOMETER. 3/24/45 APR. 45	-47923		RESISTANCE. 2ND COIL HAS 440 TURNS OF #36 SS E WIRE, 29.8 OHMS DC RESISTANCE. ZINC SHIELD CAN. WILL WITHSTAND 200 HOUR SALT SPRAY TEST. TUNING RANGES ARE 190 TO 210 KC AND 47 TO 53 KC WITH DYNAMIC RESISTANCES ACROSS COILS OF 30,000 AND 100,000 OHMS RESPECTIVELY.
COL- 47912	ICZ	TRANSFORMER PRI: #10 ROUND TINNED COPPER WIRE 6 1/16" LONG. SEC: #10 ROUND TINNED COPPER WIRE 4 1/2" LONG. SPOOL: GRADE G CERAMIC. IRON SLUG TUNED. DIA. 2".  3/23/45 571171620 571171620 APR. 45 D8738	CFN- 47917	BN	RF CHOKE RATED 0.350 TO 0.390 MICROHENRIES AT 40 MEGACYCLES, 7 TURNS OF #26 AWG. DOUBLE VINYL ACETAL INSULATED WIRE.  3/24/45 300493-G1 300493 G-1 APR. 45 REV 2	CRV- 47924	T8S-8	FILTER CHOKE 60 MC. INDUCTANCE 5.4 MICROHENRIES, 13 1/2 TURNS OF #14 EN. COPPER WIRE, 0.85 OHMS DC RESISTANCE.  3/24/45 K-855650 G501 APR. 45 REV 2

Class 47—R-F Transformers—Inductors—Chokes

3.47-49

NAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION	NAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION	NAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION
CG-47925	SC-4		CRV-47930			CRV-47938	MAR	
H.F. PEAKING INDUCTANCE CHOKE 2 PIE WINDINGS. INDUCTANCE 1.40 MILLI- HENRIES AT 1000 CYCLES, 142 TURNS PER PIE. 284 TOTAL OF #28 ES WIRE, 5.80 OHMS DC RESISTANCE.			0.234 MILLIHENRIES, 0.013 OHMS DC RESIS- TANCE.			IF TRANSFORMER (1ST TRIPLER)		
3/26/45		CG:K-34J353				3/26/45	T-618106-508	M-439578 P-1
APR. 45						APR. 45		ISS 0
CRV-47926	TBS-8		CRV-47931	MAR		CRV-47939	RBC	
FILTER CHOKE 5.3 MC. INDUCTANCE 15.7 MICROHENRIES AT 1000 CYCLES, 23 1/2 TURNS OF #16 E WIRE. AT 25°C IS 0.019 OHMS DC RESISTANCE. COIL AND CORE TREATED WITH WAX, ENCLOSED IN SHIELD. NOT MECHANICALLY INTERCHANGE- ABLE WITH -47927.			IF TRANSFORMER (1ST IF)			PHONE LEAD FILTER TWO SIMILAR WINDINGS WOUND TOGETHER IN BIFILAR, SINGLE LAYER, RIGHT HAND CLOSE OVER LAMINATED PHENOLIC COIL FORM. EACH 30 TURNS OF #28 DC WIRE. FREQUENCY 0.6 TO 27 MC; 0.27 OHMS DC RESISTANCE. IN- DUCTANCE 3.95 MICROHENRIES.		
3/26/45		CRV:K-900676	3/26/45	T-618106-501	M-439574 P-1	3/27/45		CRV:K-865413
APR. 45		G501 REV 13	APR. 45		ISS 0	APR. 45		G 501 REV 4
CRV-47927	TBS-8		CRV-47932	MAR		CRV-47940	RBB & RBC	
R.F. FILTER CHOKE 5.3 MC. INDUCTANCE 15.7 MICROHENRIES AT 1000 CYCLES, 23 1/2 TURNS OF #16 E WIRE. AT 25°C IS 0.019 OHMS DC RESISTANCE. COIL AND CORE TREATED WITH WAX, ENCLOSED IN SHIELD. NOT MECHANICALLY INTERCHANGE- ABLE WITH -47926.			IF TRANSFORMER (2ND IF)			FILTER CHOKE FREQUENCY 0.6 TO 27 MC. INDUCTANCE 5.7 MICROHENRIES, 25 TURNS OF #28 DC WIRE, 0.27 OHMS DC RESISTANCE.		
3/26/45		CRV:K-900676	3/26/45	T-618106-502	M-439575 P-1	3/27/45		CRV:K-865458
APR. 45		G 502 REV 13	APR. 45		ISS 0	APR. 45		G 501 REV 4
CRV-47928	TBS-8		CRV-47933	MAR		CRV-47941	RBC	
R.F. COIL ASSEMBLY CONSISTS OF COIL WITH ADJUSTABLE IRON CORE MOUNTED IN CAN WITH 1-2000 MMF AND 1-50 MMF. CAPACITORS, 1-100,000 OHMS 1/2 WATT AND 1-56 OHMS 1/2 WATT RESISTORS. CORE AND STUD ASSEMBLY AND TERMINAL BOARD. COIL HAS 18 TURNS OF #23E COPPER			IF TRANSFORMER (3RD IF)			OSCILLATOR HEATER CHOKE FREQUENCY 4-27 MC. INDUCTANCE 3.33 MI- CROHENRIES, 3 WINDINGS OVER BAKELITE CORE FORM. WINDINGS #1/#2/#3 HAVE 12 1/2 /29 1/2 /29 1/2 TURNS OF #30ES/ #24ES/#24ES WIRE, 0.21/0.12/0.13 OHMS DC RESISTANCE. WAX IMPREGNATED.		
3/26/45		CRV:P-720172	3/26/45	T-618106-503	M-439575 P-2	3/27/45		CRV:K-865480
APR. 45		G 501 REV 14	APR. 45		ISS 0	APR. 45		G 501 REV 7
		CRV-47928	CRV-47934	MAR		CRV-47942	RBC	
WIRE: ASSEMBLY FREQUENCY 13.675 MC - 18.675 MC. INDUCTANCE 2.23 MILLIHENRIES, 0.075 OHMS DC RESISTANCE.			IF TRANSFORMER (4TH IF)			FILTER CHOKE FREQ. 0.5-27 MC. CONSISTS OF 2 WINDINGS SEPARATED BY LAYER OF TAPE. INNER/OUTER WINDINGS INDUCTANCE 5.65 MICROHENRIES/ 6.5 MICROHENRIES, 25/24 TURNS OF #28 DC COPPER WIRE, 0.27 OHMS/0.29 OHMS DC RE- SISTANCE.		
			3/26/45	T-618106-504	M-439575 P-3	3/27/45		CRV:K-865458
			APR. 45		ISS 0	APR. 45		G 502 REV 4
CRV-47929	TBS-8		CRV-47935	MAR		CRV-47943	RBB	
R.F. COIL ASSEMBLY CONSISTS OF COIL WITH ADJUSTABLE IRON CORE MOUNTED IN CAN WITH 1-2000 MMF. AND 1-50 MMF. CAPACITORS AND RESISTOR N.T. #63360. CORE AND STUD ASSEMBLY AND TER- MINAL BOARD. COIL HAS 6 TURNS OF AWG #23 E COPPER WIRE; ASSEMBLY FREQUENCY 27.35			IF TRANSFORMER (5TH IF)			LINE FILTER CHOKE ASSEMBLY CONSISTING OF CORE AND STUD AS- SEMBLY; PLUS AND TWO WINDINGS, 115 VOLTS 60 CYCLES, 0.9 AMPS NORMAL TO 1.4 AMPS MAX. INDUCTANCE 647 MICROHENRIES. COIL HAS ADJUSTABLE CORE. WINDINGS #1/#2 HAVE 150/40 TURNS OF #22ES COPPER WIRE, 0.78		
3/26/45		CRV:P-720172	3/26/45	T-618106-505	M-439575 P-4	3/27/45		CRV:K-826863
APR. 45		G 502 REV 14	APR. 45		ISS 0	APR. 45		G 502 REV 8
		CRV-47929	CRV-47936	MAR				CRV-47943
MC TO 37.35 MC. INDUCTANCE 0.602 MILLI- HENRIES, 0.067 OHMS DC RESISTANCE.			OSCILLATOR COIL ASSEMBLY			OHMS DC RESISTANCE.		
			3/26/45	T-618106-506	M-439576 P-T			
			APR. 45		ISS 0			
CRV-47930	TBS-8		CRV-47937	MAR		CJA-47944	DAQ	
R.F. COIL ASSEMBLY CONSISTS OF 1 COIL WITH ADJUSTABLE IRON CORE MOUNTED IN CAN WITH 1-2000 MMF, CA- PACITOR. CORE AND STUD ASSEMBLY AND TER- MINAL BOARD. COIL HAS 4 3/4 TURNS OF AWG #14 BARE SOFT COPPER WIRE. ASSEMBLY FRE- QUENCY 54.7 MC - 74.7 MC. INDUCTANCE			IF TRANSFORMER (DOUBLER)			R.F. CHOKE: INDUCTANCE 2.5 MH ± 20% 50 OHMS MAX DC RESISTANCE, 125 MA.		
3/26/45		CRV:P-720172	3/26/45	T-618106-507	M-439577 P-1	3/27/45	#34102	CFT:F-59552-1
APR. 45		G 503 REV 14	APR. 45		ISS 0	APR. 45		ISS. 0
DATE	MANUFACTURER'S DESIGNATION	MANUFACTURER'S DRAWING NUMBER	DATE	MANUFACTURER'S DESIGNATION	MANUFACTURER'S DRAWING NUMBER	DATE	MANUFACTURER'S DESIGNATION	MANUFACTURER'S DRAWING NUMBER

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NAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION	NAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION	NAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION
CAY-47945	TBU	M.O. VARIOMETER COIL: INDUCTANCE 102 MICROHENRIES, STATOR HAS 2 SECTIONS A AND B. A HAS 42 7/8 TURNS TAPPED AT 5 3/4, 20 3/4, 25 3/4 TURNS FROM START. B HAS 18 1/2 TURNS OF 81 STRAND OF 0.004 ENAM. OBCC LITZ WIRE. ROTOR HAS 17 1/2 TURNS OF 81 STRAND OF 3/28/45 APR. 45	CRV-47951	TBK-19	FRID CHOKE COIL (FIRST AMP): 2000-4525 KC, INDUCTANCE 460 MICROHENRIES AT 1000 CYCLES PER SECOND, 125 TURNS OF #30 DSC COPPER WIRE, 0.76 OHMS DC RESISTANCE. *CRV:M-418180 G506 REV 11 K-843668P1 REV 3 3/28/45 APR. 45	CRV-47956		OUT CORE 2.73 MILLIHENRIES; NOT OVER 23 OHMS DC RESISTANCE.
CAY-47945		0.004 ENAM D2CC LITZ WIRE. DC RESISTANCE SHALL NOT EXCEED 0.162 OHMS.	CRV-47952	TBL-8	PLATE CHOKE COIL: 175-600 KC, 0.5 AMPS, INDUCTANCE 13.8 MICROHENRIES AT 1000 CYCLES, 4 IDENTICAL SECTIONS CONNECTED IN SERIES, 175 TURNS EACH SECTION OF #24 DC COPPER WIRE, 11.3 OHMS DC RES. TEST VOLTAGE 2500. 3/29/45 APR. 45	CRV-47957	QGB	I.F. COIL ASSEMBLY: FREQ. 17-26 KC. CONSISTS OF 2 CAPACITORS CM-30D-152J AND A COIL CONSISTING OF FORM WOUND WITH IDENTICAL CORES A & B; EACH HAS 520 TURNS OF 7 STRANDS OF AWG #42E WIRE, INDUCTANCE OF EACH WITHOUT IRON CORE 4.95 MILLIHENRIES; NOT OVER 3/29/45 APR. 45
CFW-47946	VF	OSCILLATOR COIL: RESONANT CENTER AT 163 KC WHEN TUNED BY 820 MHF CAPACITOR (NOT SUPPLIED WITH COIL) VARIABLE IRON CORE, WITH MIN. CORE /MAX CORE COIL "0" AT 164 KC IS 90/170 AND INDUCTANCE IS 700 MILLIHENRIES (IN AIR)/1.751 MILLIHENRIES (IN SHIELD). 3/28/45 13854 APR. 45	CRV-47953	TBK-19	FILAMENT CHOKE COIL ASSEMBLY: 1000-2250 KC, INDUCTANCE 190 MICROHENRIES, ASSEMBLY CONSISTS OF COIL DOUBLE WINDING, 2 CONDUCTORS, 96 TURNS PER CONDUCTOR OF #16 EC COPPER WIRE, 0.23 OHMS DC RES PER WINDING. 3/29/45 APR. 45	CRV-47957		30 OHMS DC RESISTANCE EACH COIL, MOUNTED IN CAN.
CFW-47946		COIL HAS 270 TURNS TAPPED AT 142.5 TURNS OF 15 STRANDS OF #44 SSE WIRE.	CRV-47954	QGB	R.F. COIL ASSEMBLY: FREQ. 17-26 KC, CONSISTS OF CAPACITOR CM20D-361J AND COIL WITH ADJ. IRON CORE, INDUCTANCE WITH CORE 0.158 HENRIES, WITHOUT CORE 0.1185 HENRIES, COIL CONSISTS OF 6 PIES EACH PIE HAS 785 TURNS, TOTAL 4710 TURNS OF 3 STRAND #40 LITZ 3/29/45 APR. 45	CGM-47958	QCR-1	TRANSFORMER ASSEMBLY: MUTUAL INDUCTANCE 62.8 MILLIHENRIES, PRI #1, 816 TURNS OF #60-38 LITZ WIRE, 18.40 MILLIHENRIES INDUCTANCE, PRI #2, 816 TURNS #60-38 LITZ, 18.45 MILLIHENRIES, BOTH TAPPED AT 335 AND 550 TURNS. FREQUENCY RESPONSE 18 KC TO 26 KC. 3/30/45 832-3001 APR. 45
CRV-47947	TBK-19	M.O. PLATE CHOKE COIL: 2000-4525 KC; INDUCTANCE 640 MICROHENRIES, 160 TURNS OF #30 DSC COPPER WIRE, 0.76 OHMS DC RESISTANCE. *CRV:M-418180 G 501 REV. 11 K-843668 P1 REV. 3 3/28/45 APR. 45	CRV-47954		WIRE, NOT OVER 410 OHMS DC RESISTANCE.	CG-47959	GEN. RADIO USE	R.F. CHOKE: INDUCTANCE: 30 MICROHENRIES, 60 OHMS IMPEDANCE AT 150 KC, AND 60 OHMS (OR HIGHER) IMPEDANCE FROM 150 KC TO 20 MC. CURRENT CARRYING CAPACITY 25 AMPS. WOUND ON 2 1/8" DIA FORM, 5 1/2" LONG. ENCLOSED IN PERFORATED METAL SHIELDING, 3/30/45 FILE-RNA P-9062015 APR. 45 -6129 REV. 1
CRV-47948	TBK-19	PLATE CHOKE COIL (SECOND AMPL): 2000-9050 KC, INDUCTANCE 200 MICROHENRIES, 81 TURNS OF #28 DCC COPPER WIRE, 3.0 OHMS DC RESISTANCE. *CRV:M-418180 G 502 REV 11 K-843668 P1 REV 3 3/28/45 APR. 45	CRV-47955	QGB	OSC. COIL ASSEMBLY: FREQ. 77-86 KC, CONSISTS OF ADJ. CORE & COIL HAVING 6 UNIVERSAL PIES, EACH PIE 332 TURNS, TOTAL 2352 TURNS, TAPPED AT 784 TURNS, OF 3 STRAND #40 LITZ WIRE, INDUCTANCE WITH IRON CORE 24.2 MILLIHENRIES, WITHOUT IRON CORE 23.9 MILLIHENRIES, 3/29/45 APR. 45	CG-47959		EXTERNAL DIMENSIONS 7 1/2" X 4" X 4"; NOT INCLUDING FLANGES, APPROX 25 TURNS 0.102 COPPER WIRE.
CRV-47949	TBK-19	PLATE CHOKE COIL (SECOND AMPL): 2000-13100 KC, INDUCTANCE 91 MICROHENRIES, 52 TURNS OF #24 DCC COPPER WIRE, 0.64 OHMS DC RESISTANCE. *CRV:M-418180 G 503 REV 11 K-843668 P1 REV 3 3/28/45 APR. 45	CRV-47955		HENRIES, 165 OHMS DC RESISTANCE, MOUNTED IN CAN.	CC1-47960	TDD-3	R.F. CHOKE 3 PIES, 250 TURNS PER P1, AND 1 P1, 200 TURNS; UNIVERSAL WINDING, 2 CROSS OVERS PER TURN. FREQ. RANGE 200-300 KC. *CC1:20-001 REV A 3/29/45 CNA:R-100 MOD. 127AA-T-301-1 APR. 45 REV A *
CRV-47950	TBK-19	OUTER ANODE TANK COIL: 2000-4525 KC, INDUCTANCE 15.3 MICROHENRIES, 20 TURNS OF #16 DCC COPPER WIRE, 0.04 OHMS DC RESISTANCE. *CRV:M-418180 G504 REV 11 K-843668 P1 REV 3 3/28/45 APR. 45	CRV-47956	QGB	OSC. COIL ASSEMBLY: FREQ. 60-61.5 KC, CONSISTS OF CAPACITORS CM-30-D-2224 AND CM-20-0-471-G AND A COIL MOUNTED IN CAN, ADJUSTABLE IRON CORE, 445 TURNS TAPPED AT 170 TH TURN OF 7 STRAND AW G#42 ES WIRE, INDUCTANCE WITH IRON CORE 3.3 MILLIHENRIES, WITH- 3/29/45 APR. 45	CC1-47961	TDD-3	R.F. CHOKE 2 PIES, 230 TURNS PER P1, & 1 P1, 55 TURNS; UNIVERSAL WINDING, 2 CROSS OVERS PER TURN, FREQ. RANGE 290-450 KC. *CC1:20-001 REV A 3/29/45 CNA:R-100 MOD. 127AA-T-302-2 APR. 45 REV A *



Class 47—R-F Transformers—Inductors—Chokes

3.47-51

NAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION	NAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION	NAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION
CCI-47962	TOD-3	R. F. CHOKE 1 PI. 230 TURNS; AND 1 PI. 100 TURNS; UNIVERSAL WINDING, 2 CROSS OVERS PER TURN. FREQ. RANGE 400-680 KC.	CRV-47970	TBL-8	I.F. FILAMENT CHOKE COIL: 87.5-300 KC 0.5 AMPS, INDUCTANCE 8 MILLIHENRIES, COIL HAS 3 PIES, EACH HAS 450 TURNS OF #24 DCC COPPER WIRE AND 6.1 OHMS DC RESISTANCE.	CRV-47977	DP-12	IF COIL ASSEMBLY: CONSISTS OF TWO IDENTICAL COILS WOUND ON FORM, ONE INCH APART. INDUCTANCE 6.468 MILLIHENRIES. FREQUENCY 100 KILO- CYCLES. DC RES. 13.71 OHMS, 20.7 MAX. EACH COIL, 300 TURNS OF 7 STRANDS #42S COPPER LITZ WIRE.
		*127AA-T-302-3 REV A. CCI:20-001. REV A 3/29/45 CNA:K-100 MOD. *SEE ABOVE APR. 45			4/4/45 MAY 45			4/3/45 MAY 45
					CRV:M-41320IG501 REV 3			K-850223-1 REV. 3
CBM-47963	QGA	TRANSFORMER, I.F. INDUCTANCE 4.7 MILLIHENRIES ± 2% PRI./ SEC; 575/575 TURNS OF 7-41/7-41 WIRE, 21/21 OHMS DC RESISTANCE. INCLUDES TWO 0.001 MFD. MICA CAPACITORS.	CBM-47971	QCS-1	R.F. CHOKE COIL: INDUCTANCE 2.47 MILLIHENRIES AT 115 VOLTS WITH 60 AMPS 230 TURNS OF #20 CE WIRE, 1.3 OHMS OF DC RESISTANCE.	CRV-47978	RBB	IF TRANSFORMER ASSEMBLY: CONSISTS OF PRI, SEC, BROAD MEDIUM AND SHARP WINDINGS. INCLUDES TWO NTN-48691- D5 CAPACITORS, TWO NTN-63678 RESISTORS, ONE RATED TEN OHMS, ONE RATED 22 OHMS. PRI INDUCTANCE 221.8 MICROHENRIES (COIL- ONLY). DC RES OF PRI/SEC/ BROAD/MEDIUM/ 4/4/45 MAY 45
		3/30/45 955-3030 APR. 45			4/4/45 937-2 MAY 45			4/4/45 MAY 45
					CBM-937-2 ALT 0			K-720561-504 REV. 15
CBM-47964	QGA	TRANSFORMER, ASSEMBLY PRI #1/PRI #2/SEC #1/SEC #2, 700 (VARI- ABLE) WOUND FOR 25% OF PRI 1/90/90 TURN OF #23SSE/1/23SSE/1/23SSE/#233SE WIRE, 11.5/3.6/2.2/2.2 OHMS DC RES., 4.75/ 0.475/0.640/0.267 MILLIHENRIES INDUCT- TANCE. INCLUDES TWO 250 MMF CERAMIC CAP.	CBM-47972	WFA	CORRECTION COIL: ADJUSTED TO 1.4 MILLIHENRIES, 220 TURNS OF #60-38 LITZ WIRE.	CRV-47979	RBB	IF TRANSFORMER ASSEMBLY: CONSISTS OF PRI, SEC, BROAD, MEDIUM AND SHARP WINDINGS. INCLUDES TWO NTN-48691- D5 CAPACITORS, TWO NTN-63678 RESISTORS ONE RATED 10 OHMS, ONE RATED 22 OHMS, PRI INDUCTANCE 221.8 MICROHENRIES (COIL ONLY). DC RES OF PRI/SEC/BROAD/MEDIUM/ 4/5/45 MAY 45
		3/30/45 960-3016 APR. 45			4/4/45 1002-63 MAY 45			4/5/45 MAY 45
					CBM-1002-63 ALT 0			P-720561-505 REV 15
CG-47965	MK 8 MOD 3	RETARDATION COIL APPROX. 70 TURNS OF AWG #33 E WIRE, 0.371 OHMS DC RESISTANCE, WOUND ON PHE- NOL PLASTIC CORE, HAS PI-TAIL LEADS. OVERALL DIMENSIONS 0.141" DIAM. X 2 3/32" LONG. *CW:R-12206-1 3/31/45 APR. 45	CRV-47973	SA	RF TRANSFORMER: 15 MC, INDUCTANCE 3.5-6 MICROHENRIES, 0.001 AMPS, 17 TURNS OF #28E COPPER WIRE 0.0126 BARE DIA., 1.9 OHMS DC RES.	CRV-47979	RBB	IF TRANSFORMER ASSEMBLY: CONSISTS OF PRI, SEC, BROAD, MEDIUM AND SHARP WINDINGS. INCLUDES TWO NTN-48691- D5 CAPACITORS, TWO NTN-63678 RESISTORS ONE RATED 10 OHMS, ONE RATED 22 OHMS, PRI INDUCTANCE 221.8 MICROHENRIES (COIL ONLY). DC RES OF PRI/SEC/BROAD/MEDIUM/ 4/5/45 MAY 45
					4/5/45 K-871824-501 MAY 45			4/5/45 MAY 45
					K-871824-501 REV 3			P-720561-505 REV 15
CG-47966	SC-4	R.F. CHOKE COIL: INDUCTANCE 0.5 MILLIHENRIES AT 1000 CYCLES, 17 TURNS OF #22F WIRE, 0.0153 OHMS DC RESISTANCE.	CRV-47974	SA	RF TRANSFORMER: 15 MC INDUCTANCE 5.3-9.2 MICROHENRIES, 0.003 AMPS, 21 TURNS OF #28 EN. COPPER WIRE 0.0126 BARE DIA., 2.3 OHMS DC RESISTANCE.	CRV-47979	RBB	IF TRANSFORMER ASSEMBLY: CONSISTS OF PRI, SEC, BROAD, MEDIUM AND SHARP WINDINGS. INCLUDES TWO NTN-48691- D5 CAPACITORS, TWO NTN-63678 RESISTORS ONE RATED 10 OHMS, ONE RATED 22 OHMS, PRI INDUCTANCE 221.8 MICROHENRIES (COIL ONLY). DC RES OF PRI/SEC/BROAD/MEDIUM/ 4/5/45 MAY 45
					4/5/45 K-871824-502 MAY 45			4/5/45 MAY 45
					K-871824-502 REV 3			P-720561-505 REV 15
CG-47967	SC-14	R.F. CHOKE COIL: INDUCTANCE 10 MILLIHENRIES, APPROX 620 TURNS OF #28 ES NEMA STD WIRE, 14.5 OHMS DC RESISTANCE.	CAKD-47975	SA-3	RF CHOKE COIL: 175-225 MC, 26 TURNS OF #30EN COPPER WIRE, 5 OHMS DC RESISTANCE.	CRV-47980	SC	TRANSFORMER, IF: PRI RATED: 12.5 MICROHENRIES, 25.75 TURNS OF #24DE WIRE, 0.087 OHMS DC RESISTANCE, APPROXIMATELY. SEC RATED 12.5 MICRO HENRIES, 25.75 TURNS OF #24 DE WIRE, 0.087 OHMS DC RESISTANCE. WOUND ON A CERAMIC FORM. 30 MEGACYCLES. 4/19/45 MAY 45
					4/5/45 CRV:K-883072-1 MAY 45			4/19/45 MAY 45
					CRV:K-883072P-1 REV. 2			K-27J286-G4
CG-47968	SC-2	R.F. CHOKE: CONSISTS OF 26 TURNS OF #29 DE WIRE ON IRC TYPE BT 1/2 RESISTOR, NT-63350, 0.15 OHMS APPROX DC RESISTANCE, INDUCTANCE IS 1.6 MICROHENRIES, 500 MILLIAMPS MAX- IMUM CURRENT.	CFW-47976	TCZ	OSCILLATOR COIL ASSEMBLY: 200 KC COIL ASSEMBLY. SLUG TUNED OVER RANGE OF 185 TO 215 KC. INCLUDES A SLUG TUNED COIL, A 1000 OHM ±1%, NON-INDUC- TIVE, 1/2 WATT RESISTOR IN SERIES WITH COIL AND IN PARALLEL WITH TWO SERIES CONNECTED 250 MMF CAPACITORS, EACH RATED 3/31/45 COL-278290000 COL:278390000 MAY 45 CFW: 03386	CRV-47981	RBB	IF TRANSFORMER ASSEMBLY: CONSISTS OF PRI, SEC, BROAD, MEDIUM AND SHARP WINDINGS. INCLUDES TWO NTN-48691- D5 CAPACITORS, TWO NTN-63678 RESISTORS, ONE RATED 10 OHMS, ONE RATED 22 OHMS. PRI INDUCTANCE 221.8 MICROHENRIES (COIL ONLY) DC RES. OF PRI/SEC/BROAD/MEDIUM/ 4/5/45 MAY 45
					4/4/45 MAY 45			4/5/45 MAY 45
					CG:K-27J303G1 REV 1			P-720561-506 REV. 15
CG-47969	SC-2	R.F. CHOKE: CONSISTS OF 12 TURNS OF #22 DE WIRE ON IRC TYPE BT 1/2 RESISTOR, NT-63350, 0.32 OHMS APPROX DC RES. INDUCTANCE 0.4 MICROHENRIES, 3 AMPS MAXIMUM CURRENT.	CFW-47976	TCZ	OSCILLATOR COIL ASSEMBLY: 200 KC COIL ASSEMBLY. SLUG TUNED OVER RANGE OF 185 TO 215 KC. INCLUDES A SLUG TUNED COIL, A 1000 OHM ±1%, NON-INDUC- TIVE, 1/2 WATT RESISTOR IN SERIES WITH COIL AND IN PARALLEL WITH TWO SERIES CONNECTED 250 MMF CAPACITORS, EACH RATED 3/31/45 COL-278290000 COL:278390000 MAY 45 CFW: 03386	CRV-47981	RBB	IF TRANSFORMER ASSEMBLY: CONSISTS OF PRI, SEC, BROAD, MEDIUM AND SHARP WINDINGS. INCLUDES TWO NTN-48691- D5 CAPACITORS, TWO NTN-63678 RESISTORS, ONE RATED 10 OHMS, ONE RATED 22 OHMS. PRI INDUCTANCE 221.8 MICROHENRIES (COIL ONLY) DC RES. OF PRI/SEC/BROAD/MEDIUM/ 4/5/45 MAY 45
					4/4/45 MAY 45			4/5/45 MAY 45
					CG:K-27J341G2			P-720561-506 REV. 15
					ASSIGNED ISSUED			ASSIGNED ISSUED
DATE	MANUFACTURER'S DESIGNATION	MANUFACTURER'S DRAWING NUMBER	DATE	MANUFACTURER'S DESIGNATION	MANUFACTURER'S DRAWING NUMBER	DATE	MANUFACTURER'S DESIGNATION	MANUFACTURER'S DRAWING NUMBER

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CRY- 47982 RBB TRANSFORMER ASSEMBLY: CONSISTS OF 2 PRIMARYS, SECONDARY, BROAD, MEDIUM AND SHARP WINDINGS. IN- CLUDES TWO MHN-48691-05 CAPACITORS AND TWO MTH-63678-10 RESISTORS ONE RATED 10 OHMS THE OTHER RATED 22 OHMS. PRI IN- DUCTANCE 221.8 MILLIHENRIES (COIL ONLY). 4/5/45 P-720561-503 MAY 45 REV 15			CRY- 47988 RBC-2 TRANSFORMER: INDUC- TANCE A-F 8.43 MICROHENRIES. COIL #1/#2 4.0-6.5/4.0-6.45 MEGACYCLES, 96/27 TURNS #30/#24 UC COPPER WIRE 2.33/0.14 OHMS DC RES. SLUG TUNED. 4/6/45 M-420940-501 MAY 45 REV. 10			CRY- 47982 RBB TRANSFORMER ASSEMBLY: CONSISTS OF 2 PRIMARYS, SECONDARY, BROAD, MEDIUM AND SHARP WINDINGS. IN- CLUDES TWO MHN-48691-05 CAPACITORS AND TWO MTH-63678-10 RESISTORS ONE RATED 10 OHMS THE OTHER RATED 22 OHMS. PRI IN- DUCTANCE 221.8 MILLIHENRIES (COIL ONLY). 4/5/45 P-720561-503 MAY 45 REV 15		
CRY- 47982 RBB DC RES PRI/SEC/BROAD/MEDIUM/SHARP 2.21/2.21/0.28/0.080 OHMS. FREQUENCY 400 KC. SLUG TUNED WITH TWO ADJUSTABLE COMPOSITION CORES. ENCLOSED IN RECTANGU- LAR CAN. 4/6/45 M-420940-502 MAY 45 REV. 10			CRY- 47989 RBC-2 TRANSFORMER: INDUC- TANCE A-F 2.99 MICROHENRIES. COIL #1/#2 6.45-10.3/6.45-10.3 MEGACYCLES, 110/16 TURNS #30/#24 DC COPPER WIRE, 1.78/0.072 OHMS DC RES. SLUG TUNED. 4/6/45 M-420940-502 MAY 45 REV. 10			CRY- 47982 RBB DC RES PRI/SEC/BROAD/MEDIUM/SHARP 2.21/2.21/0.28/0.080 OHMS. FREQUENCY 400 KC. SLUG TUNED WITH TWO ADJUSTABLE COMPOSITION CORES. ENCLOSED IN RECTANGU- LAR CAN. 4/6/45 M-420940-502 MAY 45 REV. 10		
CRY- 47983 RBB TRANSFORMER ASSEMBLY: CONSISTS OF 2 WINDINGS, 3 CAPACITORS NAVY TYPE -48674-B10, -48895-E5, -481676, TWO RESISTORS, NAVY TYPE -63360 ONE RATED 88,000 OHMS THE OTHER RATED 27,000 OHMS. INDUCTANCE 320.05 MICROHENRIES. 2 PARTS CONNECTED IN SERIES 4/5/45 P-720561-502 MAY 45 REV. 15			CRY- 47990 RBC-2 TRANSFORMER: INDUC- TANCE A-F 1.114 MICROHENRIES. COIL #1/ #2 10.3-16.5/10.3-16.5 MEGACYCLES, 49/11 1/4 TURNS #30/16EC WIRE, 0.80/ 0.012 OHMS DC RES. SLUG TUNED. 4/6/45 M-420940-503 MAY 45 REV. 10			CRY- 47983 RBB TRANSFORMER ASSEMBLY: CONSISTS OF 2 WINDINGS, 3 CAPACITORS NAVY TYPE -48674-B10, -48895-E5, -481676, TWO RESISTORS, NAVY TYPE -63360 ONE RATED 88,000 OHMS THE OTHER RATED 27,000 OHMS. INDUCTANCE 320.05 MICROHENRIES. 2 PARTS CONNECTED IN SERIES 4/5/45 P-720561-502 MAY 45 REV. 15		
CRY- 47983 RBB RATED 2.64 OHMS DC RES. SERIES CONNECT- ION FORMS ANOTHER TAP. FREQUENCY 400 KC. ENCLOSED IN RECTANGULAR CAN. 4/6/45 M-420940-504 MAY 45 REV 10			CRY- 47991 RBC-2 TRANSFORMER: INDUC- TANCE A-F 0.374 MICROHENRIES. COIL #1/ #2 16.5-27.0/16.5-27.0 MEGACYCLES, 21/ 4 3/4 TURNS #30/#12 COPPER WIRE, 0.40/ 0.007 OHMS DC RES. SLUG TUNED. 4/6/45 M-420940-504 MAY 45 REV 10			CRY- 47983 RBB RATED 2.64 OHMS DC RES. SERIES CONNECT- ION FORMS ANOTHER TAP. FREQUENCY 400 KC. ENCLOSED IN RECTANGULAR CAN. 4/6/45 M-420940-504 MAY 45 REV 10		
CRY- 47984 RBC-2 TRANSFORMER ASSEMBLY: IN-DUC- TANCE CF 7.75 MICROHENRIES. FREQUENCY 4.0 TO 6.45 MEGACYCLES, 28 1/2 TURNS #28 DC COPPER WIRE TAPPED AT 3 3/4 AND 17 3/4 TURNS, 0.405 OHMS DC RES. SLUG TUNED. 4/5/45 M-420957-505 MAY 45 REV. 9			CRY- 47992 SA RF TRANSFORMER: PRI FREQ. 15 MC, 23 TURNS OF #28E COP- PER WIRE, 2.5 OHMS DC RES; SEC FREQ. 15 MC, 3.5 TURNS #28E COPPER WIRE, 2.5 OHMS DC RESISTANCE, 350 VOLTS TO GND., SECONDARY IS WOUND OVER PRIMARY WITH TWO LAYERS OF ACETATE FILM TAPE BETWEEN 4/5/45 871822-501 K-871822-501 MAY 45 REV. 4			CRY- 47984 RBC-2 TRANSFORMER ASSEMBLY: IN-DUC- TANCE CF 7.75 MICROHENRIES. FREQUENCY 4.0 TO 6.45 MEGACYCLES, 28 1/2 TURNS #28 DC COPPER WIRE TAPPED AT 3 3/4 AND 17 3/4 TURNS, 0.405 OHMS DC RES. SLUG TUNED. 4/5/45 M-420957-505 MAY 45 REV. 9		
CRY- 47985 RBC-2 TRANSFORMER: INDUC- TANCE CF 0.347 MICROHENRIES. FREQUENCY 16.5 TO 27.0 MEGACYCLES, 3 1/2 TURNS #14 DC COPPER WIRE 0.009 OHMS DC RES. SLUG TUNED. 4/5/45 M-420957-508 MAY 45 REV. 9			CRY- 47992 SA RF TRANSFORMER: PRI FREQ. 15 MC, 23 TURNS OF #28E COP- PER WIRE, 2.5 OHMS DC RES; SEC FREQ. 15 MC, 3.5 TURNS #28E COPPER WIRE, 2.5 OHMS DC RESISTANCE, 350 VOLTS TO GND., SECONDARY IS WOUND OVER PRIMARY WITH TWO LAYERS OF ACETATE FILM TAPE BETWEEN 4/5/45 871822-501 K-871822-501 MAY 45 REV. 4			CRY- 47985 RBC-2 TRANSFORMER: INDUC- TANCE CF 0.347 MICROHENRIES. FREQUENCY 16.5 TO 27.0 MEGACYCLES, 3 1/2 TURNS #14 DC COPPER WIRE 0.009 OHMS DC RES. SLUG TUNED. 4/5/45 M-420957-508 MAY 45 REV. 9		
CRY- 47986 RBC-2 TRANSFORMER: INDUC- TANCE C-F 1.035 MICROHENRIES. FREQUENCY 10.3 TO 16.5 MEGACYCLES, 9 1/2 TURNS #18 DC COPPER WIRE, 0.017 OHMS DC RES. SLUG TUNED. 4/5/45 M-420957-507 MAY 45 REV. 9			CRY- 47993 SA RF TRANSFORMER: PRI. FREQ. 15 MC, 3 TURNS OF #28E COPPER WIRE, 0.5 OHMS DC RESISTANCE. SEC FREQ. 15 MC 21 TURNS OF #28E COPPER WIRE 0.0126 BARE DIA.; PRI IS WOUND OVER SECONDARY WITH ACETATE FILM TAPE BETWEEN. INDUCTANCE 0.2 MICROHENRIES. 4/5/45 871869-501 K-871869-501 MAY 45 REV. 2			CRY- 47986 RBC-2 TRANSFORMER: INDUC- TANCE C-F 1.035 MICROHENRIES. FREQUENCY 10.3 TO 16.5 MEGACYCLES, 9 1/2 TURNS #18 DC COPPER WIRE, 0.017 OHMS DC RES. SLUG TUNED. 4/5/45 M-420957-507 MAY 45 REV. 9		
CRY- 47987 RBC-2 TRANSFORMER: INDUC- TANCE C-F 2.81 MICROHENRIES. FREQUENCY 6.45 TO 10.3 MEGACYCLES, 15 1/2 TURNS #24 DC COPPER WIRE TAPPED AT 3 3/4 AND 8 3/4 TURNS, 0.06 OHMS DC RES. SLUG TUNED. 4/6/45 M-420957-506 MAY 45 REV. 9			CRY- 47993 SA RF TRANSFORMER: PRI. FREQ. 15 MC, 3 TURNS OF #28E COPPER WIRE, 0.5 OHMS DC RESISTANCE. SEC FREQ. 15 MC 21 TURNS OF #28E COPPER WIRE 0.0126 BARE DIA.; PRI IS WOUND OVER SECONDARY WITH ACETATE FILM TAPE BETWEEN. INDUCTANCE 0.2 MICROHENRIES. 4/5/45 871869-501 K-871869-501 MAY 45 REV. 2			CRY- 47987 RBC-2 TRANSFORMER: INDUC- TANCE C-F 2.81 MICROHENRIES. FREQUENCY 6.45 TO 10.3 MEGACYCLES, 15 1/2 TURNS #24 DC COPPER WIRE TAPPED AT 3 3/4 AND 8 3/4 TURNS, 0.06 OHMS DC RES. SLUG TUNED. 4/6/45 M-420957-506 MAY 45 REV. 9		
			CRP- 47994 MFA TRANSFORMER, RF OUTPUT: PRI RATED 7.8 MILLIHENRIES, 20% TOL. 100 TURNS, 28E WIRE SIZE, 1.41 OHMS DC RESIS- TANCE MAXIMUM. SEC RATED 500 MILLIHEN- RIES 20% TOL. 800 TURNS 38E WIRE, 143 OHMS DC RESISTANCE MAXIMUM. INDUCTANCE TAKEN AT 1275 VOLTS, 1000 CYCLES. IRON 4/6/45 U-8829 CBN-1000A-192 MAY 45 ALT 2					
						CRP- 47994 MFA CORE. 4/6/45 M-420940-501 MAY 45 REV. 10		
						CBM- 47995 MFA TRANSFORMER, OSCILLATOR: PRI. RATED 0.74 MILLIHENRIES ±10%, 220 TURNS OF #7-41 WIRE, 8 OHMS DC RESIS- TANCE. SEC RATED 40 MILLIHENRIES ±10% 500 TURNS OF #7-41 WIRE, 18.5 OHMS DC RESISTANCE. INDUCTANCE MEASURED AT 1000 CPS. POWDERED IRON CORE. 4/6/45 1013-3017 1013-3017 MAY 45 ALT 3		
						CW- 47996 MFA TRANSFORMER, INPUT: RD, RD-WH RATED: 200 OHMS IMPEDANCE 200 TURNS OF #36ES WIRE, 14 OHMS DC RESIS- TANCE. BL, BL-WH RATED 8400 OHMS IMPED- ANCE, 600 TURNS OF #36ES WIRE, 500 OHMS DC RESISTANCE. GR, GR-WH RATED 1800 OHMS IMPEDANCE 1300 TURNS OF #36ES WIRE, 140 4/6/45 0-99932 CBN-1000A-64 MAY 45 ALT 1		
						CW-47996 OHMS DC RESISTANCE. INDUCTANCE AT 1800 CPS. HERMETICALLY SEALED IN A RECTANGU- LAR CAN. 4/6/45 0-99932 CBN-1000A-64 MAY 45 ALT 1		
						CW-47997 MFA TRANSFORMER, INPUT: RD, RD-WH RATED 0.9-1.0 MILLIHENRIES, 210 TURNS OF #36ES WIRE, 23 OHMS DC RESISTANCE. GR, GR-WH RATED 17.6-18.4 MILLIHENRIES, 1000 TURNS OF #36ES WIRE, 110 OHMS DC RESISTANCE. BL, BL-WH, 8.5- 9.5 MILLIHENRIES 630 TURNS OF #36ES WIRE 4/6/45 0-1704-17 CBN-1000A-143 MAY 45 ALT 0		
						CW- 47997 75 OHMS DC RESISTANCE. BETWEEN RED, RED-WHITE AND BLUE, BLUE-WHITE WITH LEADS RED, CONNECTED TO BLUE WIND 11.0 MILLIHENRIES. BETWEEN BLUE, BLUE-WHITE AND GREEN, GREEN-WHITE, BLUE-WHITE CON- NECTED TO GREEN LEAD MIN 35.0 MILLIHEN- RIES. TEST VOLTAGE BETWEEN WINDINGS 500V AC. 4/6/45 0-1704-17 CBN-1000A-143 MAY 45 ALT 0		
						CBM- 47998 MFA TRANSFORMER, OSCILLATOR: 2 TUNED PRI. EACH 350 TURNS OF #31 WIRE 20 OHMS DC RESISTANCE ±10%. TUNED SEC 18.58 MILLIHENRIES, 1100 TURNS OF 3-40 LITZ WIRE, 85 OHMS DC RESISTANCE. UN- TUNED TICKLER, 855 TURNS OF #3-40 LITZ WIRE, 70-75 OHMS DC RESISTANCE. PRI: 4/6/45 99-3001 999-3001 MAY 45 ALT 2		
						CBM-47998 59-65 KC. SEC: 59,9-61 KC. INCLUDES TWO CAPACITORS 100 MHF TO 5.5 MHF AIR VARIABLE. 4/6/45 99-3001 999-3001 MAY 45 ALT 2		

NAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION	NAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION	NAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION		
CBM-47999 WFA TRANSFORMER, INTERSTAGE: PRI RATED 82.5±2.5 MILLIHENRIES, 2320 TURNS OF 38 SSE WIRE, 335 DC RESISTANCE. SEC #1/SEC #2/SEC #3, 60±5/170±10/82.5± 2.5 MILLIHENRIES, 850/1250/2320 TURNS OF 3 X 40 LITZ/3 X 40 LITZ/38 SSE WIRE, 72-5/105/335 OHMS DC RESISTANCE, 1000 4/6/45 1002-3004 1002-3004 MAY 45 ALT 0			CBM-471003 TOTAL DC RESISTANCE 1.7 OHMS. INDUCTANCE 9.1 MILLIHENRIES.			CG-471010 SC VIDEO GRID CHOKE INDUCTANCE 2.2 MILLIHENRIES AT 1000 CYCLES, HAS 3 PI WINDINGS, EACH PI HAS 165 TURNS OF #29 ES NEMA STD WIRE, 8.02 OHMS DC RES.	4/6/45 MAY 45	K-27J567-1 REV 5		
RMS, V TEST.	CBM-47999		CBM-471004 WFA TRANSFORMER, OUTPUT: PRI INDUCTANCE 163 MILLIHENRIES, SEC. INDUCTANCE 1.0231 MILLIHENRIES, OUTPUT 570 WATTS, 147 AMPS, 210 VOLTS, Q=5, PRI #1/PRI #2/PRI #3/PRI #4, 570/570/570/ 570 TURNS OF 21-38 SS LITZ/21-38SS LITZ/ 21-38 SS LITZ/21-38 SS LITZ WIRE, 13/ 4/9/45 769-3037 769-3037 MAY 45 ALT 0			CW-471011 MK 4 MOD 1 DETECTOR PLATE CHOKE 130 TURNS OF #34 AWG "E" WIRE CLOSE WOUND ON I.R.C. TYPE B-1 COMPOSITION RESISTOR, 1 WATT 25,000 OHMS ±10%, POLY- STYRENE BASE, SLOTTED BOTH ENDS, WIND- INGS TERMINATE AT PIGTAILS AND ARE SOLDERED SECURELY.	4/7/45 MAY 45	KW:ESR-678359-7 ISSUE 9		
CBM-471000 WFA TRANSFORMER, OSCILLATOR: COIL DATA: 25.0 MILLIHENRIES ±5%, 1385 TURNS SSE WIRE, 160 OHMS DC RESISTANCE 15 MILLIAMPS, 80 KILOCYCLES, ALSO IN- CLUDES ONE CAPACITOR, 100 MMFD MAX, 5.5 MMF MIN, 1 CAPACITOR NT 48895, 1 CAP- ACITOR, NT 48943.1 RESISTOR NT 63283-104. 4/7/45 1008-3001 1008-3001 MAY 45 ALT 1			CBM-471004 13/13/13 OHMS DC RESISTANCE, SEC #1/SEC #2/SEC #3; 55/55/55 TURNS OF 182-38 LITS/182-38 LITZ/182-38 LITZ 0.4/0.4/0.4 OHMS DC RESISTANCE, TURNS RATIO 10:1:: PRI 1: SEC #1, 10:1:: PRI #2: SEC #2, 10:1:: PRI #3: SEC #3: FREQ. RESPONSE 28 K CYCLES TO 28 K CPS, BAKELITE CORE.			CFW-471012 TBY R. F. CHOKE COIL INDUCTANCE 20.1 MICROHENRIES ±2% AT 5000 KC, 84 TURNS OF #310, S. C. WIRE, 1-2 OHMS D.C. RESISTANCE.	4/7/45 1230 MAY 45	CAY:M-7407375-4 REV 2		
POTTED IN A CYLINDRICAL CAN.	CBM-471000		CFW-471005 VF R.F. CHOKE: INDUCTANCE 37 MICROHENRIES, 78 TURNS OF #36 SSE WIRE, WOUND ON 7/16" LONG DUMMY RESISTOR.			CFW-471013 SP-1M R. F. CHOKE INDUCTANCE 2.1 MILLIHENRIES, 4 PI WIND- INGS, EACH HAS 215 TURNS OF #36 SSE WIRE; 37 OHMS D.C. RESISTANCE.	4/7/45 9741 MAY 45	9741		
CRY-471001 RBB-2 ANTENNA TRANSFORMER: INDUCTANCE TERMINALS C-D 595.0, A-F 623.0 MICROHENRIES, COIL #1/#2/#3A/#3B EACH 0.5 TO 0.84 MEGACYCLES, COIL #3A AND #3B HAVE 3 SECTIONS EACH, 177/6/57/ 75 TURNS PER SECTION, #30/#30/#44ES/#44 ES WIRE, 4.54/0.11/3.27/3.27 OHMS DC 4/7/45 P-720559-501 MAY 45 REV 7			COL-471006 TCS-15 R.F. CHOKE: INDUCTANCE 0.022 MILLIHENRIES AT 1000 CPS, 1 PI WINDING, 55 TURNS #12 EN COP- PER WIRE, 0.020 OHMS DC RES.	4/12/45 13941 MAY 45	DRAWING ON EFSG FORM	CFW-471014 OAX OSCILLATOR COIL INDUCTANCE 190 MILLIHENRIES TAPPED AT 30.5 MILLIHENRIES, 2450 TURNS OF #32E WIRE TAPPED AT 950 TURNS, APPROX. 143 OHMS DC RES. WOUND ON 200 MESH POWDERED IRON CORE, ASSEMBLED WITH TWO CAPACITORS NOT INCLUDED IN TYPE NUMBER. 4/12/45 12867 MAY 45	4/7/45 9741 MAY 45	9741		
RES PER SECTION, TWO ADJUSTABLE COMPOSI- TION CORES.	CRY-471001		CARZ-471007 BT R.F. CHOKE: INDUCTANCE 0.5 MILLIHENRIES, 4 PIES, 112 TURNS EACH PIE OF #35 SCF WIRE, 16 OHMS DC RESISTANCE, COTTER PIN TYPE TER- MINALS.	4/12/45 G8-416A MAY 45 & 572041610	CKP:SA-1426AK-C	CZO-471015 RDJ VIDEO COMPENSATION COIL RATED 125 MICROHENRIES APPROX. 3 PIE WINDINGS EACH CONSISTING OF 66 TURNS OF #34 SSE WIRE, WOUND ON DUMMY RESISTOR FORM COIL ENDS SOLDERED TO LEADS.	4/13/45 MAY 45	CAFQ:8-186-2047 ALT 0		
CBM-471002 WFA TRANSFORMER: CONSISTS OF 1 RF CHOKE, 25.0 MILLIHEN- RIES, 1335 TURNS OF 0.0115 WT WIRE, 160 OHMS DC RESISTANCE, 1 CAPACITOR, 100 MMFD, MAX, 5.5 MMF MIN, 1 CAPACITOR NT 48639 B-10, 1 RESISTOR NT 63283-104, POTTED IN A CYLINDRICAL CAN. 4/7/45 1008-3000 1008-3000 MAY 45 ALT 1			CRP-471008 SG R.F. INDUCTOR 30 MC, 60 TURNS OF #21 SSE WIRE ON 3/8" DIAM, NAT. DUCK, BAKELITE FORM.	4/6/45 51-5116G1 MAY 45	DLG51-5116 SUB 2	CG-471016 SU, SU-1 INTERSTAGE PULSE TRANSFORMER PRIMARY 1000 VOLTS, CONSISTS OF 2 COILS IN PARALLEL, 140 TURNS EACH OF 0.005F WIRE, 6-2 OHMS DC RES., 2500 RMS VOLTS TO GND; SEC#1/#2, 1000V/500V, 140/70 TURNS OF 0.005F/0.010 F WIRE, 11.5G/1.4Q DC RES; 2500/2500 RMS VOLTS TO GND. 2/1/45 80G5 MAY 45	CBM:1000A-31 ALT 0			
CBM-471003 WFA TRANSFORMER, OSCILLATOR COIL ASSEMBLY: CONSISTS OF COIL #776 (CBM#769-776) 317 TURNS OF 60-38 LITZ WIRE, 3.1-3.3 OHMS DC RESISTANCE, TAP- PED AT 227 TURNS, COIL #646 (CBM#769-646) 310 TURNS OF 60-38 LITZ WIRE, 3.1-3.3 OHMS DC RESISTANCE, TAPPED AT 220 TURNS. 4/9/45 769-3050 769-3050 MAY 45 ALT 1			CFW-471009 VF R. F. CHOKE INDUCTANCE 37 MICROHENRIES, 78 TURNS OF #36 SSE WIRE, 0.025 AMPS MAX, 2.53 OHMS DC RESISTANCE, WOUND ON PHENOLIC DUMMY RESISTOR FORM.	4/6/45 CRP:92-5304 MAY 45 CFW:	CRP:92-5304 SPEC	CBM-471017 MAC TRANSFORMER, I.F. PRI RATED: 15.25 MICROHENRIES, 875 TURNS OF #31 SSE WIRE, 30 OHMS DC RES. PRI #2: 91.25 MICROHENRIES, 2022 TURNS OF 3X40 SSC LITZ WIRE, 225 OHMS DC RES. PRI #3 91.25 MICROHENRIES 2022 TURNS OF 3X40 LITZ WIRE, 225 OHMS DC RESISTANCE. 4/14/45 574-3016 568F-SH24 MAY 45				
DATE	MANUFACTURER'S DESIGNATION	MANUFACTURER'S DRAWING NUMBER	ASSIGNED ISSUED	DATE	MANUFACTURER'S DESIGNATION	MANUFACTURER'S DRAWING NUMBER	ASSIGNED ISSUED	DATE	MANUFACTURER'S DESIGNATION	MANUFACTURER'S DRAWING NUMBER

NAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION	NAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION	NAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION
		CBM-471017	CW-471023		MAC			CRV-471028
		AIR CORE. OPERATION FROM 100 OHMS TO 2500 OHMS. IMPEDANCE PRI: 100 OHMS, PRI. #2: 1200 OHMS, PRI. #3: 1200 OHMS.			TRANSFORMER, I.F. PRI. RATED 3.37 TO 3.27 MILLIHENRIES, 420 TURNS OF 7-40 EDS LITZ, 20 OHMS DC RES. SEC. #1 RATED 3.37 TO 3.27 MILLIHENRIES, 420 TURNS OF 7-40 EDS LITZ WIRE, 20 OHMS DC RESISTANCE. SEC. #2 RATED 3.37 TO 3.27 MILLIHENRIES, 420 TURNS OF 4/20/45 D-99930			DC RES. TWO ADJUSTABLE CORES.
					CBM:1000A-44 MAY 45			
		CRV-471018			CBM-471023			
		TBS-8 TRANSFORMER ASSEMBLY I.F. INDUCTANCE 15.48 MICROHENRIES. FREQUENCY 5.3 MEGACYCLES PRI: 39 1/2 TURNS #35E WIRE, 1.21 OHMS DC RES. SEC: 40 TURNS #33E WIRE, 1.21 OHMS DC RES. SLUG TUNED. ASSEMBLY INCLUDES TWO 50 MFD. CERAMIC CAPACITORS, ONE JAN TYPE CM35B562K AND 4/17/45 P-720166-503 MAY 45 REV 14			7-40 EDS LITZ WIRE, 43 OHMS DC RES. WITH RESISTOR INCLUDED.			CRV-471029
								RBB-2 TRANSFORMER: INDUCTANCE A-F 26.0 MICROHENRIES, COIL #1/2 2.37-4.0/2.37-4.0 MEGACYCLES 20/40 TURNS #30/44ES WIRE 0.31/0.50 OHMS DC RES. ADJUSTABLE CORE.
								4/6/45 M-420939-504 MAY 45 REV. 8
		CRV-471018			CRV-471024			
		ONE JAN TYPE CM208101K CAPACITOR. CONTAINED IN RECTANGULAR CAN.			RBC-2 TRANSFORMER: INDUCTANCE A-F 0.327 MICROHENRIES, 16.5/27.0/16.5-27.0 MEGACYCLES. 27/4 1/2 TURNS #30/#12-COPPER WIRE, 0.53/0.006 OHMS DC RES. SLUG TUNED.			CRV-471030
								RBB-2 TRANSFORMER: INDUCTANCE A-F 71.9 MICROHENRIES, COIL #1/12 1.41-2.37/1.41-2.37 MEGACYCLES, 20/70 TURNS #30/44ES WIRE 0.31/0.91 OHMS DC RES. ADJUSTABLE CORE.
								4/6/45 M-420939-503 MAY 45 REV. 8
		CRV-471019			CRV-471025			
		TBS-8 TRANSFORMER ASSEMBLY I.F. PRI: INDUCTANCE 44.98 MICROHENRIES, 61 TURNS #35E WIRE 1.85 OHMS DC RES. SEC: INDUCTANCE 62.17 MICROHENRIES, 75 TURNS #35E WIRE 2.3 OHMS DC RES. FREQUENCY 5.3 MEGACYCLES. SLUG TUNED. ASSEMBLY INCLUDES TWO NAVY TYPE-63360 CAPACITORS AND 4/17/45 P-720166-504 MAY 45 REV 14			ANTENNA TRANSFORMER: INDUCTANCE TERMINALS C-D 1.029 MICROHENRIES, A-F 1.115 MICROHENRIES, COIL #1/#2/#3 10.3-16.5/10.3-16.5/10.3-16.5 MEGACYCLES, 4/2/10 3/4 TURNS #30/#30/#14EC WIRE 0.089/0.059/0.012 OHMS DC. TWO ADJUSTABLE CORES.			CRV-471031
								RBB-2 TRANSFORMER: INDUCTANCE 204.0 MICROHENRIES, COIL #1/#2 0.84-1.41/0.84-1.41 MEGACYCLES 20 TURNS/3 SECTIONS ABOUT 33 TURNS EACH #30/44ES WIRE 0.32 OHMS/1.53 OHMS PER SECTION. ADJUSTABLE CORE.
								4/6/45 M-420939-502 MAY 45 REV 8
		CRV-471019			CRV-471026			
		ONE JAN TYPE CM308102K CAPACITOR. CONTAINED IN RECTANGULAR CAN.			RBC-2 ANTENNA TRANSFORMER: INDUCTANCE TERMINALS C-D 7.88 MICROHENRIES, A-F 7.96 MICROHENRIES, COIL #1/#2/#3/#4 4.0-6.45/4.0-6.45/4.0-6.45/4.0-6.45 MEGACYCLES 7/3/27/26 TURNS #30/#30/#24 DC COPPER/#24DC COPPER WIRE 0.14/0.078/0.13/0.13 OHMS DC RES. TWO 4/6/45 P-720560-501 MAY 45 REV. 9			CRV-471032
								RBB-2 TRANSFORMER: INDUCTANCE A-F 593.0 MICROHENRIES, COIL #1/COIL #2, 0.5-0.84/0.5-0.84 MEGACYCLES 20 TURNS/57 TURNS FOR EACH OF 3 SECTIONS #30/44ES WIRE 0.32 OHMS/3.03 OHMS PER SECTION. ADJUSTABLE CORE.
								4/6/45 M-420939-501 MAY 45 REV. 8
		CG-471020			CRV-471027			
		SU, SU-1 INTERSTAGE PULSE TRANSFORMER PRIMARY 400 VOLTS. CONSISTS OF 2 COILS IN SERIES 140 TURNS EACH OF 0.005F WIRE, 24.5Ω DC. RES. 2500 RMS VOLTS TO GROUND; SECONDARY 400 VOLTS. CONSISTS OF 2 COILS IN SERIES, 40 TURNS EACH OF 0.005F WIRE, 23.0Ω DC RES., 2500 RMS VOLTS TO GROUND. 2/1/45 80G10 CBM:1000A-30 MAY 45 ALT 0			ANTENNA TRANSFORMER: INDUCTANCE TERMINALS C-D, 1.118 MICROHENRIES, A-F 1.15 MICROHENRIES, COIL #1/#2/#3 6.45-10.3/6.45-10.3/6.45-10.3 MEGACYCLES, 4/16/2 TURNS #30/240C COPPER #30 WIRE 0.086/0.071/0.061 OHMS DC. TWO ADJUSTABLE CORES.			CRV-471026
								RBB-2 TRANSFORMER: INDUCTANCE C-F 267.0 MICROHENRIES, COIL #1/COIL #2, 0.5-0.84/0.5-0.84 MEGACYCLES 3 SECTIONS/1 SECTION 31/30 TURNS PER SECTION. 30 STRAND #44 BARE WIRE/30 STRAND #44 BARE WIRE. PRI TAPPED AT 10TH & 70TH TURNS. ADJUSTABLE CORE.
								4/6/45 M-420951-505 MAY 45 REV 11
		CG-471021			CRV-471028			
		TAJ-9 CHOKE COIL CONSISTS OF 5 SECTIONS, EACH CONSISTING OF 250 TURNS COPPER WIRE, 0.0159 IN. DIA. BARE, 0.0203 IN DIA D.S.C. UNIVERSAL WOUND. TOTAL INDUCTANCE 17.5 MILLIHENRIES ±10%. TOTAL RESISTANCE 22 OHMS MAX. 4/20/45 M-7461881-1 CG:M-7461881PI MAY 45 REV 9			ANTENNA TRANSFORMER: INDUCTANCE TERMINALS C-D=0.35 MICROHENRIES, A-F 0.398 MICROHENRIES, COIL #1/#2/#3/#4 16.5-27.0/16.5-27.0/16.5-27.0/16.5-27.0 MEGACYCLES, 1 3/4/2 1/2/5 1/4/4 3/4 TURNS #30/#30/#32 COPPER/#32 COPPER WIRE, 0.050/0.062/0.007/0.007 OHMS 4/6/45 P-720560-504 MAY 45 REV. 9			CRV-471033
								RBB-2 TRANSFORMER: INDUCTANCE C-F 119.0 MICROHENRIES COIL #1/COIL #2, 0.84-1.41/0.84-1.41 MEGACYCLES 3 SECTIONS/1 SECTION 20/22 TURNS PER SECTION, ALL 30 STRAND #44 BARE WIRE. PRI TAPPED AT 6TH AND 48TH TURN. ADJUSTABLE CORE.
								4/6/45 M-420951-506 MAY 45 REV 11
		CG-471022			CRV-471034			
		TAJ-10 R. F. CHOKE COIL CONSISTS OF 5 IDENTICAL PI WINDINGS; EACH HAS 250 TURNS OF 0.0159" DIAM. WIRE. TOTAL INDUCTANCE 16.5 MILLIHENRIES ±10%. TOTAL RESISTANCE 22 OHMS MAX. 4/20/45 M-7464885-1 CG:M-7464885-PI MAY 45			ANTENNA TRANSFORMER: INDUCTANCE TERMINALS C-D=0.35 MICROHENRIES, A-F 0.398 MICROHENRIES, COIL #1/#2/#3/#4 16.5-27.0/16.5-27.0/16.5-27.0/16.5-27.0 MEGACYCLES, 1 3/4/2 1/2/5 1/4/4 3/4 TURNS #30/#30/#32 COPPER/#32 COPPER WIRE, 0.050/0.062/0.007/0.007 OHMS 4/6/45 P-720560-504 MAY 45 REV. 9			CRV-471035
								RBB-2 TRANSFORMER: INDUCTANCE C-F 52.9 MICROHENRIES, COIL #1/COIL #2 1.41-2.37/1.41-2.37 MEGACYCLES, 3/1 SECTIONS 13/15 TURNS PER SECTION ALL 30 STRAND #44 BARE WIRE. PRI TAPPED AT 6TH AND 30TH TURN. ADJUSTABLE CORE.
								4/6/45 M-420951-507 MAY 45 REV 11

Class 47—R-F Transformers—Inductors—Chokes

3.47-55

NAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION	NAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION	NAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION
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CRV- 471036 R88-2  
TRANSFORMER: INDUC-  
TANCE C-F 20.5 MICROHENRIES, 32 TURNS  
30 STRAND #44 BARE WIRE TAPPED AT 4TH  
AND 16TH TURNS. ADJUSTABLE CORE.

4/6/45 H-420951-508  
MAY 45 REV. 11

CRV- 471037 R88-2  
ANTENNA TRANSFORMER:  
INDUCTANCE TERMINALS C-D 25.0, A-F 25.5  
MICROHENRIES. COIL #1/COIL #2/#3A/#3B  
ALL 2.37 TO 4.0 MEGACYCLES, APPROX.  
35/6/45/40 TURNS #30/#30/#44ES/#44ES  
WIRE 0.62/0.11/0.60/0.55 OHMS DC RES.  
ADJUSTABLE CORE.  
4/7/45 P-720559-504  
MAY 45 REV 7

CRV- 471038 R88-2  
ANTENNA TRANSFORMER:  
INDUCTANCE TERMINALS C-D 202.5, A-F 214.0  
MICROHENRIES. COIL #1/#2/#3A/#3B ALL  
0.84 TO 1.41 MEGACYCLES, COIL #3A AND  
COIL #3B HAVE 3 SECTIONS EACH, 115/5/  
33/33 TURNS PER SECTION, #30/#30/#44ES/  
#44ES WIRE, 2.49/0.10/1.66/1.66 OHMS  
4/7/45 P-720559-502  
MAY 45 REV. 7

CRV- 471038  
PER SECTION. TWO ADJUSTABLE CORES.

CRV- 471039 R88-2  
ANTENNA TRANSFORMER:  
INDUCTANCE TERMINALS C-D 71.9, A-F  
73.3 MICROHENRIES. COIL #1/#2/#3A/#3B  
ALL 1.41 TO 2.37 MEGACYCLES. 65/5/75/75  
TURNS #30/#30/#44ES/#44ES WIRE 1.26/0.10/  
0.99/0.99 OHMS DC RES. TWO ADJUSTABLE  
CORES.  
4/7/45 P-720559-503  
MAY 45 REV. 7

CPN- 471040 RDP  
R.F. INPUT TRANSFORMER  
PRI. & SEC. EACH CONSIST OF 2 PIES IN  
SERIES. WINDING DATA, PRI./SEC.: 115/140  
TURNS OF 20 X #44 SSE LITZ, UNIVERSAL  
WINDING, 2 CROSSOVERS PER TURN. INDUC-  
TANCE, PRI/SEC: 1250 MICROHENRIES MAX/  
1725 MICROHENRIES MAX. Q OF PRI/SEC.  
4/10/45 T101-01 P2-762-C  
APR. 45

CPN- 471040  
MEASURED AT 455 KC PEAKED WITH 100 MMF:  
140 MIN/175 MIN. POWDERED IRON CORE.  
OPERATING FREQUENCY 455 KC ± 100 KC. AS-  
SEMBLED IN METAL CAN.

CPN- 471041 RDP  
R.F. OUTPUT TRANSFORMER  
PRI. & SEC. EACH CONSIST OF 2 PIES IN  
SERIES, EACH PI APPROX. 130 TURNS OF 2 X  
#44 SSE LITZ, UNIVERSAL WINDING, 2 CROSS  
OVERS PER TURN. INDUCTANCE PRI./SEC. IS  
1500/1500 MICROHENRIES MAX. Q OF PRI/  
SEC. MEASURED AT 455 KC PEAKED WITH 100  
4/10/45 T102-01 P2-763C  
APR. 45

CPN- 471041  
MMF: 165 MIN/170 MIN. POWDERED IRON  
CORE. OP. FREQ. 455 KC ± 100 KC. ASSEM-  
BLED IN METAL CAN.

CPN- 471042 RDP  
I.F. TRANSFORMER  
PRI. & SEC. EACH CONSIST OF 1 PI, APPROX  
520 TURNS 3 X 41 SSE LITZ, UNIVERSAL  
WINDING, 1 CROSS OVER PER TURN. INDUC-  
TANCE OF EACH IS 6200 MICROHENRIES MAX.  
Q OF PRI/SEC. AT 225 KC PEAKED WITH 100  
MMF IS 90 MIN/90 MIN. POWDERED IRON  
4/10/45 Z-102-01 P2-764G  
APR. 45

CPN- 471042  
CORE, OPERATING FREQUENCY 226 KC. ASSEM-  
BLED IN METAL CAN.

CPN- 471043 RDP  
I.F. TRANSFORMER  
PRI. & SEC. EACH CONSIST OF 1 PI WIND-  
ING. COIL DATA: PRI/SEC: 520 TURNS/425  
TURNS OF 3 X 41 SSE LITZ. INDUCTANCE,  
PRI/SEC: 6200 MICROHENRIES MAX/4300 MI-  
CROHENRIES MAX. Q OF PRI/SEC. AT 225 KC  
PEAKED WITH 100 MMF: 90 MIN/90 MIN.  
4/10/45 Z-103-01 P2-765C  
APR. 45

CPN- 471043  
POWDERED IRON CORE. OPERATING FREQUENCY  
226 KC. ASSEMBLED IN METAL CAN.

CPN- 471044 RDP  
R.F. CHOKE & TANK COIL  
ASSEMBLY: CONSISTS OF AN R.F. CHOKE AND  
TANK COIL WOUND ON PHEOLIC CORE. CHOKE  
DATA: 9000 MICROHENRIES. INDUCTANCE, 800  
TURNS #36 SSE WIRE WOUND WITH CROSSOVER  
PER TURN. TANK COIL DATA: 1050 MICROHEN-  
RIES, MAX INDUCTANCE; 195 TURNS, TAPPED  
4/10/45 Z101-01 P2-766C  
APR. 45

CPN- 471044  
AT 30 TURNS, #36 SSE WIRE, POWDERED IRON  
CORE. OPERATING FREQUENCY 681 KC ± 100  
KC. ASSEMBLED IN METAL CAN.

CPN- 471045 RDP  
TRANSFORMER AND CHOKE  
ASSEMBLY: TRANSFORMER PRI. CONSISTS OF  
3 WINDINGS: 1/2/3 HAVE 37/16/10 TURNS  
#34E WIRE, COIL 1 WOUND ON TUBING, COV-  
ERED WITH LAYER OF TAPE; COILS 2 & 3  
WOUND ON TAPE. SEC: 40 TURNS #34E WIRE.  
INDUCTANCE OF COIL 1 OF PRI./SEC IS 32  
4/10/45 T101-02 P2-793b  
APR. 45

CPN- 471045  
MICROHENRIES/35 MICROHENRIES MAX. POW-  
DERED IRON CORE. CHOKE DATA: 32 TURNS  
#34E WIRE WOUND ON DUMMY CERAMIC RESIS-  
TORS 7/16" X 7/32"; INDUCTANCE IS 3.75  
MICROHENRIES. OPERATING FREQUENCY IS  
5.25MC ± 0.5 MC. ASSEMBLED IN METAL CAN.

CPN- 471046 RDP  
OUTPUT TRANSFORMER & CHOKE  
ASSEMBLY: TRANSFORMER: PRI./SEC.: 51/48  
TURNS SINGLE LAYER SPACED WOUND SOLENOID  
(105 TURNS/INCH) #34E WIRE. INDUCTANCE,  
PRI/SEC: 50 MICROHENRIES/42 MICROHENRIES  
MAX. POWDERED IRON CORE. CHOKE: 53 TURNS  
SINGLE LAYER SPACED WOUND SOLENOID (125  
4/10/45 T102-02 P2-794C  
APR. 45

CPN- 471046  
TURNS/  
INCH) #34E WIRE, WOUND ON DUMMY CERAMIC  
RESISTOR 3/4" X 7/32". 6.3 MICROHENRIES  
INDUCTANCE. OPERATING FREQUENCY IS 5.25  
MC ± 0.5 MC. ASSEMBLED IN METAL CAN.  
CHOKE IN SERIES WITH TRANS. PRI.

CPN- 471047 RDP  
R.F. CHOKE & TANK COIL  
ASSEMBLY: CHOKE: UNIVERSAL WOUND COIL 2  
CROSS OVER PER TURN, 350 TURNS #36 SSE  
WIRE, 3750 MICROHENRIES MAX INDUCTANCE;  
POWDERED IRON CORE. TANK COIL: 51 TURNS  
SINGLE LAYER SOLENOID (64 TURNS/IN), #28  
SSE WIRE, TAPPED AT 11 TURNS. INDUCTANCE  
4/10/45 Z101-02 P2-795e  
APR. 45

CPN- 471047  
30 MICROHENRIES MAX; POWDERED IRON CORE.  
CHOKE & TANK COIL WOUND ON SAME PHEOLIC  
CORE. OPERATING FREQUENCY IS 5.25 MC ±  
0.5 MC. ASSEMBLED IN METAL CAN.

CPN- 471048 RDP  
I.F. TRANSFORMER  
PRI. & SEC. EACH WITH 2 IDENTICAL PIES  
CONNECTED IN SERIES, EACH PI APPROX 65  
TURNS 20 X 44 SSE LITZ, UNIVERSAL WIND-  
ING, 4 CROSS OVERS PER TURN. INDUCTANCE,  
PRI/SEC IS 420/420 MICROHENRIES MAX.  
POWDERED IRON CORE. Q, PRI/SEC, MEASURED  
4/10/45 Z102-02 P2-796b  
APR. 45

CPN- 471048  
AT 900 KC. PEAKED WITH 80 MMF, EQUALS  
165/155 MIN. OPERATING FREQ. 912 KC AS-  
SEMBLED IN METAL CAN.

CPN- 471049 RDP  
I.F. TRANSFORMER  
PRI. CONSISTS OF 2 IDENTICAL PIES CON-  
NECTED IN SERIES, APPROX 65 TURNS 20 X  
44 SSE LITZ PER PI, UNIVERSAL WINDING 4  
CROSS OVERS PER TURN. SEC. SAME AS PRI.  
EXCEPT APPROX. 55 TURNS PER PI. INDUC-  
TANCE, PRI/SEC IS 420/310 MICROHENRIES  
4/10/45 Z103-02 P2-797a  
APR. 45

DATE	MANUFACTURER'S DESIGNATION	MANUFACTURER'S DRAWING NUMBER	ASSIGNED ISSUED	DATE	MANUFACTURER'S DESIGNATION	MANUFACTURER'S DRAWING NUMBER	ASSIGNED ISSUED	DATE	MANUFACTURER'S DESIGNATION	MANUFACTURER'S DRAWING NUMBER
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NAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION	NAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION	NAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION
		CPN-471049			CPN-471053			CPN-471057
		MAX. POWDERED IRON CORE. 0. PRI/SEC=165/145 MIN. OPERATING FREQUENCY 912 KC. IN METAL CAN.			WITH TWO 5 MMF CERAMIC CAPACITORS IN SERIES WITH PRI & SEC. POWDERED IRON CORE.			MMF. EQUALS 110/95-MIN. ASSEMBLED IN METAL CAN. WITH TWO 5 MMF. CAPACITORS IN SERIES BETWEEN PRI & SEC.
		CPN-471050 RDP			CPN-471054 RDP			CPN-471058 RDP
		INPUT TRANSFORMER PRI. & SEC. EACH CONSISTS OF 2 PIES CONNECTED IN SERIES, APPROX 165 TURNS 20 X 44 SSE LITZ PER PI, UNIVERSAL WINDING, 2 CROSS OVERS PER TURN. INDUCTANCE, PRI/SEC IS 1900/1900 MICROHENRIES MAX. POWDERED IRON CORE. INCLUDES CATHODE FOL- 4/10/45 T101-03 P2-807d APR. 45			INPUT TRANSFORMER PRI. CONSISTS OF 2 WINDINGS: 14 TURNS (ACTUAL PRI.) & 4 TURNS (COUPLING) #32 SSE WIRE, SINGLE LAYER, SPACED SOLENOID, 30 TURNS/INCH. SEC: 8 TURNS #32 SSE WIRE. 0. PRI/SEC. AT 12 MC PEAKED WITH 35/90 MMF=35/80 MIN. OPERATING FREQUENCY 4/10/45 T101-07 P2-1145a APR. 45			FILTER CHOKE CONSISTS OF 2 CHOKES IN SERIES, ONE WITH 3 PIES, APPROX. 40 TURNS PER PI. #20SCE WIRE. INDUCTANCE IS 400 MICROHENRIES, AT 1000 CPS. OTHER COIL HAS 7 2/3 TURNS CLOSE WOUND, SOLENOID. #20SCE WIRE. INDUCTANCE IS 20 MICROHENRIES AT 1000 CPS. 4/10/45 L105-6, L107-8 P2-1566 APR. 45 REV 0
		CPN-471050			CPN-421054			CPN-471058
		LOWER WINDING, CLOSE-WOUND SOLENOID, 5 TURNS 20 X 44 SSE LITZ. OPERATING FREQUENCY 400 ± 25 KC. 0. PRI/SEC=150/150. IN METAL CAN.			30 MC. ASSEMBLED IN METAL CAN WITH THREE 5 MMF CERAMIC CAPACITORS IN SERIES WITH PRI & SEC. POWDERED IRON CORE.			WOUND ON BAKELITE TUBING.
		CPN-471051 RDP			CPN-471055 RDP			CPN-471059 RDP
		OUTPUT TRANSFORMER PRI. & SEC. EACH CONSIST OF 2 PIES CONNECTED IN SERIES, APPROX 165 TURNS 20 X 44 SSE LITZ PER PI, UNIVERSAL WINDING, 2 CROSS OVERS PER TURN. INDUCTANCE PRI/SEC IS 1900/1900 MICROHENRIES MAX. POWDERED IRON CORE. 0. PRI/SEC.=160/150. OPERAT- 4/10/45 T102-03 P2-806d APR. 45			I.F. TRANSFORMER PRI. & SEC. EACH 19 TURNS #38 SSE WIRE, SINGLE LAYER, SPACED SOLENOID, 90 TURNS/INCH. 0. PRI/SEC. MEASURED AT MAX. INDUCTANCE, 7.5 MC. & PEAKED WITH 38 MMF; EQUALS 95/105 MIN. OPERATING FREQUENCY 7.5 MC. ASSEMBLED IN METAL CAN WITH ONE 4/10/45 Z102-09, Z103-09, P2-1363a APR. 45 Z104-09			INPUT TRANSFORMER ASSEMBLY OPERATING FREQUENCY 400 ± 50 KC. PRI & SEC. EACH CONSIST OF TWO PIES CONNECTED IN SERIES, APPROX. 165 TURNS 20 X 44SSE LITZ, PER PI; UNIVERSAL WINDING, 2 CROSS-OVERS PER TURN, POWDERED IRON CORE. INDUCTANCE PRI/TO SEC IS 1900/1900 4/10/45 T100, T101-04 P2-808e
		CPN-471052 RDP			CPN-471056 RDP			CPN-471060 RDP
		I.F. TRANSFORMER PRI. & SEC. EACH CONSIST OF 21 TURNS OF #38 SSE WIRE, SINGLE LAYER SPACED SOLENOID, 90 TURNS/INCH. OPERATING FREQUENCY 6.5 MC. 0. PRI/SEC. MEASURED AT MAX. INDUCTANCE, AT 6.5 MC. PEAKED WITH 45 MMF, EQUALS 100/110 MIN. POWDERED IRON CORE. 4/10/45 Z102-07 P2-1143 APR. 45 Z103-07 REV 0			OUTPUT TRANSFORMER OPERATING FREQUENCY 30 MC ± 5 MC. PRI/SEC 10/8 TURNS #32SSE WIRE, SINGLE LAYER, SPACED SOLENOID, 36 TURNS PER INCH. POWDERED IRON CORE. 0. PRI/SEC. MEASURED AT MAX. INDUCTANCE, 12 MC. & PEAKED WITH 60/88 MMF, EQUALS 120/95 MIN. ASSEMBLED 4/10/45 T102-09 P2-1364B APR. 45			OUTPUT TRANSFORMER OPERATING FREQUENCY 400 ± 50 KC. PRI & SEC. EACH CONSIST OF TWO PIES CONNECTED IN SERIES, APPROX. 165 TURNS 20 X 44SSE LITZ, PER PI, UNIVERSAL WINDING 2 CROSS-OVERS PER TURN, POWDERED IRON CORE. INDUCTANCE, PRI/SEC. IS 1900/1900 MICRO- 4/10/45 T102-04 P2-809e APR. 45
		CPN-471052			CPN-471055			CPN-471060
		ASSEMBLED IN METAL CAN WITH TWO 50 MMF MICA CAPACITORS, ONE IN PARALLEL WITH PRI. & ONE IN PARALLEL WITH SEC.			50 MMF MICA CAPACITOR IN PARALLEL WITH PRI, AND A FILTER CIRCUIT (25,000 OHMS RESISTOR & 50 MMF CAPACITOR) IN PARALLEL ACROSS SEC. POWDERED IRON CORE.			MICROHENRIES MAX. 0. PRI/SEC WITH MAX INDUCTANCE, AT 400 KC, PEAKED WITH 100 MMF, EQUALS 180/150. INCLUDES CATHODE FOLLOWER WINDING 5 TURNS 20 X 44SSE LITZ, CLOSE WOUND SOLENOID.
		CPN-471053 RDP			CPN-471057 RDP			CPN-471061 QCA
		OUTPUT TRANSFORMER PRI: 12 TURNS #32 SSE WIRE, SINGLE LAYER, SPACED SOLENOID, 36 TURNS/INCH. SEC. SAME AS PRI, EXCEPT 9 TURNS OF WIRE. 0. PRI/SEC. MEASURED AT 12 MC. PEAKED WITH 45 MMF/75 MMF, IS 115/95 MIN. OPERATING FREQUENCY 30 MC. ASSEMBLED IN METAL CAN 4/10/45 T102-07 P2-1144 APR. 45 REV 0			INPUT TRANSFORMER OPERATING FREQUENCY 30 MC. PRI: 11 TURNS #32S.S.E WIRE, SINGLE LAYER, SPACED SOLENOID, 36 TURNS PER INCH. SEC. SAME AS PRI, EXCEPT 8 TURNS OF WIRE, POWDERED IRON CORE. 0. PRI/SEC. MEASURED AT MAX. INDUCTANCE, 12 MC. & PEAKED WITH 50/88 4/10/45 T101-09 P2-1365B APR. 45			RF FILTER COIL RATED 13.85 MH. CONSISTS OF A COIL WOUND OF 825 TURNS #10-41 LITZ WIRE ON 3/4" BAKELITE ROD, OVERALL DIMENSIONS 2 5/16" LG X 1 1/4" DIAM., COIL 3/8" WIDE, 1 1/4" DIAM. CORE WAX IMPREGNATED, COIL DIPPED IN INSULATING VARNISH & BAKED. 4/12/45 960-52, 960-54 T-960-52 MAY 45 ALT 0

Class 47—R-F Transformers—Inductors—Chokes

3.47-57

NAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION	NAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION	NAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION
CBM-471062 QGA R.F. FILTER COIL INDUCTANCE 8.1 MILLIHENRIES, 616 TURNS OF 10-41 LITZ WIRE, CORE WAX IMPREGNATED.	4/13/45 MAY 45	960-50	CRP-471070 SG R.F. TUNED CHOKE ASSEMBLY 30 MC TUNING COIL, 10 TURNS OF #26E WIRE, ADJUSTABLE IRON CORE, INDUCTANCE 3.5 MICROHENRIES MIN., 10 MICROHENRIES MAX.	4/14/45 MAY 45	51-5042G4 DUG51-5042G4 REV 13	CBM-471077 QCM-1 TRANSFORMER: INDUCTANCE: 21.5 MILLIHENRIES, P1 TO G1/ P1 TO O1/P1 TO C/P1 TO O2/P1 TO G2/P1 TO P2, 105/210/430/650/755/860 TURNS OF LITZ 60 #38 WIRE, 1/2/3/4/5/6 OHMS DC RESISTANCE.	4/17/45 MAY 45	769-3019 769FSH5A
CBM-471063 QGA R.F. FILTER COIL INDUCTANCE 6.9 MILLIHENRIES, 582 TURNS OF 10-41 LITZ WIRE, CORE WAX IMPREGNATED.	4/13/45 MAY 45	960-53	CRP-471071 SG R.F. TRANSFORMER 30 MC STEP-UP, ADJUSTABLE IRON CORE, PRIMARY HAS 2 3/4 TURNS #26E WIRE, SECONDARY 15 TURNS OF #26E WIRE.	4/14/45 MAY 45	51-5042G1 DUG51-5042G1 REV 13 *	CG-471078 SC TRANSFORMER, IF: PRI RATED: 12.5 MICROHENRIES, 25.75 TURNS OF #24 DE WIRE, 0.037 OHMS DC RESISTANCE, SEC RATED: 9.1 MICROHENRIES, 19.75 TURNS OF #24 DE WIRE, 0.067 OHMS DC RESISTANCE, 30 MEGACYCLES.	4/19/45 MAY 45	K-27J286G1.2.3
CBM-471064 QGA R.F. FILTER COIL INDUCTANCE 4.18 MILLIHENRIES, 490 TURNS OF 10-41 LITZ WIRE, CORE WAX-IMPREGNATED.	4/13/45 MAY 45	960-51	*DLG92-5073-44, SUB 5 4/14/45 51-5042G1 MAY 45	4/16/45 MAY 45	CAFQ:C-186-2049-1 ALT 0 *	CBV-471079 R&F-3 FILTER CHOKE: INDUCTANCE IN AIR AT 1 KC IS 41.0 MICRO- HENRIES, 90 TURNS OF #16E WIRE, 0.07 OHMS DC RES, WAX DIPPED NTD APPLIES TO COIL ONLY. GCBV-A7624, CHQ-9A1618 9A1689	4/21/45 MAY 45	GSEE ABOVE CWR-9A1618 REV. B
CFW-471065 TBY R.F. CHOKE COIL INDUCTANCE 4 MICROHENRIES, 44 TURNS OF #25 DSC WIRE, 1 AMP, 1.2 OHMS DC RES.	4/14/45 MAY 45	CAY:M-7407375-1 REV 2	CZO-471072 RDJ COIL ASSEMBLY: CONSISTS OF A 5 MICROSECOND COIL OF 3 PIE WINDINGS EACH HAVING 45 TURNS OF #15/44 SSE WIRE ENCASED IN A SHIELDED CAN.	4/16/45 MAY 45	CAFQ:C-186-2049-2 ALT 0 *	CW-471080 MK 12-MOD 1 TRANSFORMER, IF: 30 MEGACYCLE IF AMPLIFIER, PRI RATED 25 TURNS OF #34 AWG WIRE 1.7138 DC RESIS- TANCE, SEC RATED 15 TURNS OF #34 AWG WIRE 1.0313 OHMS DC RESISTANCE, OPEN CORE & COIL.	4/20/45 MAY 45	BL-28298-1.2 ISS. 2
CFW-471066 TBY R.F. CHOKE COIL INDUCTANCE 8.5 MICROHENRIES, 60 TURNS CT OF #31 DSC WIRE, 0.571 OHMS DC RES., 400 MILLIAMPS.	4/14/45 MAY 45	CAY:M-7407375-2 REV 2	CZO-471074 RDJ COIL ASSEMBLY: CONSISTS OF A 100 MICROSECOND COIL OF 2 PIE WINDINGS EACH HAVING 375 TURNS OF #36 SSE WIRE ENCASED IN A SHIELDED CAN.	4/16/45 MAY 45	CAFQ:C-186-2049-3 ALT 0 *	CW-471081 MK 12-MOD 1 TRANSFORMER, IF: 30 MEGACYCLE IF AMPLIFIER, PRI: 24 TURNS OF #34 AWG WIRE, 1.6500 OHMS DC RESIS- TANCE, SEC: 15 TURNS OF #34 AWG WIRE, 1.0313 OHMS DC RESISTANCE, OPEN COIL & CORE.	4/20/45 MAY 45	BL-28298-3 ISS. 2
CRP-471067 SG R.F. CHOKE ASSEMBLY 30 MC TUNING COIL 11 TURNS OF #26E WIRE, ADJUSTABLE IRON CORE, INDUCTANCE 2 MICROHENRIES.	4/14/45 MAY 45	51-5042G3	CBM-471075 QCM-1 TRANSFORMER, OUTPUT: PRI RATED 420 MIN, 520 MAX, MILLIHENRIES 590 TURNS OF #23 SCE WIRE 20 OHMS DC RESISTANCE MAX, SEC: 9.5 MILLIHENRIES MAX, 82 TURNS OF #18 SCE WIRE, 0.2 OHMS DC RESISTANCE MAXIMUM, PRI & SEC, CENTER TAPPED, TURNS RATIO 590:82::PRI	4/17/45 MAY 45	336PA 769FSH19A	CW-471082 MK 12-MOD 1 TRANSFORMER, IF: 30 MEGACYCLES IF AMPLIFIER, PRI: 25 TURNS OF #34 AWG WIRE, 1.7138 OHMS DC RESISTANCE, SEC: 24 TURNS OF #34 AWG WIRE, 1.6500 OHMS DC RESISTANCE, OPEN COIL AND CORE.	4/20/45 MAY 45	BL-28298-4 ISS. 2
CRP-471068 SGa/SG1 R.F. TUNED CHOKE ASSEMBLY 30 MC TUNING COIL, 21 TURNS OF #26E WIRE, ADJUSTABLE IRON CORE, INDUCTANCE 4 MICROHENRIES.	4/14/45 MAY 45	51-5042G7	1:SEC 1.	4/17/45 MAY 45	610-100 769FSH11A	CRV-471083 X-RDJ FILTER CHOKE: INDUCTANCE IS 651.6 MICROHENRIES AT 1000 CYCLES, CONSISTS OF 3 PI WINDINGS, EACH WITH 50 TURNS 0.025" DIA SSE EN WIRE, 0.19 OHMS DC RES., IN SERIES WITH ONE SINGLE LAYER COIL, 40 TURNS .025" DIA, SSC EN WIRE, 0.13 OHMS DC RES. 4/21/45 41835 FILTER CAFQ:A-2619-1 MAY 45	4/20/45 MAY 45	BL-28298-4 ISS. 2
CRP-471069 SG R.F. TUNED CHOKE ASSEMBLY 30 MC TUNING COIL, 8 TURNS OF #26E WIRE ADJUSTABLE IRON CORE, INDUCTANCE 6 MICROHENRIES MAX., 1.1 MICROHENRIES MIN.	4/14/45 MAY 45	51-5042G2	CBM-471075 QCM-1 TRANSFORMER, OUTPUT: PRI RATED 420 MIN, 520 MAX, MILLIHENRIES 590 TURNS OF #23 SCE WIRE 20 OHMS DC RESISTANCE MAX, SEC: 9.5 MILLIHENRIES MAX, 82 TURNS OF #18 SCE WIRE, 0.2 OHMS DC RESISTANCE MAXIMUM, PRI & SEC, CENTER TAPPED, TURNS RATIO 590:82::PRI	4/17/45 MAY 45	336PA 769FSH19A	CRV-471083 TOTAL DC RES APPROX 0.7 OHMS.	4/20/45 MAY 45	BL-28298-4 ISS. 2

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NAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION	NAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION	NAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION
CWQ-471084 RBF-3			CWQ-471088			CRV-471093 TBS-8		
FILTER CHOKE: 0 OF COIL IN AIR=59 MINIMUM AT 10 MC. INDUCTANCE OF COMPLETED COIL IN AIR AS MEASURED BY THE TWO FREQUENCY METHOD USING 10 MC AND 20 MC IS 1.14 MICRO- HENRIES 29 TURNS OF #18E WIRE, 0.0135 OHMS MAX DC RESISTANCE WAX IMPREGATED 4/23/45 9A1685 CWQ-9A1685 MAY 45 REV. 0			2 OF 30.0 MMF. RESISTORS: NTD 63360-102, 63360-503, 63360-503.			TRANSFORMER ASSEMBLY COIL #1: 0.378 MICROHENRIES INDUCTANCE, 5 TURNS #14 BARE COPPER WIRE, 0.028 OHMS DC RES. COIL #2: 0.201 MICROHENRIES INDUCTANCE, 3 TURNS #14 BARE COPPER WIRE, 0.015 OHMS DC RES. FREQUENCY 60 MEGACYCLES TO 80 MEGACYCLES. 4/26/45 K-850579-501 MAY 45 REV 10		
			CWQ-471089 RBF-3			CAUX-471094 TCS-12		
			TRANSFORMER, I.F. PRI. RATED: 4.3 MICROHENRIES, 12 TURNS OF #36E CLOSE WOUND WIRE, 0.33 ±5% OHMS DC. RESISTANCE. SEC. RATED: 4.3 MICRO- HENRIES, 12 TURNS OF #36E CLOSEWOUND WIRE, 0.33 ±5% OHMS DC RESISTANCE. IN- CLUDES CAPACITORS: 2 NTD-481778, 2 OF 3 4/24/45 9A1612 9A1612-REV 0 MAY 45 42X160-REV C			TRANSFORMER ASSEMBLY PRI #1:45 TURNS 7 X 40 SSE WIRE, 1.0 DC RES. PRI #2: 45 TURNS 7 X 40 SSE WIRE 1.0 OHMS DC RES. VARIABLE POWDERED IRON CORE. SEC: 45 TURNS 7 X 40 SSE WIRE, 1.0 OHMS DC RES. UNTUNED. ASSEMBLY INCLUDES ONE CERAMIC OR SILVER MICA 1000 MMFD, 4/26/45 COL:2786 MAY 45 REV		
			CWQ-471085 RBF-3			CAUX-471094		
FILTER CHOKE: INDUCTANCE OF COIL IN AIR IS 380 MICRO- HENRIES AS MEASURED WITH TWO FREQUENCY REACTANCE METER USING 0.6 AND 1.0 MC AND DISTRIBUTED CAPACITY IS LESS THAN 1.5 MMFD. COIL HAS 7 SECTIONS, EACH HAVING 40 TURNS OF #34 SSE WIRE, 10 OHMS MAX. 4/23/45 9A1683 9A1683 MAY 45 REV. 0			MMF., 2 OF 30 MMF. RESISTORS: NTD-63360- 102, 63360-503, 63360-503; 63360-104.			ZERO TEMPERATING COEFFICIENT CAPACITOR, AND ONE VARIABLE AIR 25 MMFD. CAPACITOR. HERMETICALLY SEALED IN RECTANGULAR CAN.		
			CWQ-471087 RBF-3			CBM-471095 SF, SF-1		
			TRANSFORMER, I.F. PRI RATED 4.0 MICROHENRIES TO 1000 CPS. IN AIR, 13 TURNS OF #34E, CLOSE WOUND, WIRE, 0.55±5% OHMS DC RESISTANCE. SEC- ONDARY, 13.1 MICROHENRIES AT 1000 CPS IN AIR, 26 TURNS OF #34E CLOSE WOUND, WIRE 1.09±5% OHMS DC RESISTANCE. SECONDARY IS 4/24/45 9A1615 9A1615-REV 0 MAY 45 42X160 REV C			FOCUSING COIL: 42000 TURNS OF #38 SINGLE FORMVAR WIRE. AUTOMATICALLY LAYER WOUND WITH NO IN- SULATION BETWEEN LAYERS. 22000 OHMS DC RES. 4/30/45 920-212 T920-212 MAY 45 ALT 0		
			CC-471086 SC-1			CBM-471096 QCH-3		
R.F. CHOKE COIL: INDUCTANCE 0.7 MICROHENRIES, 13 TURNS OF #20 HF WIRE, SOLENOID, CLOSE WOUND ON 3/8" CERAMIC FORM, 0.018 OHMS DC RES. 4/23/45 K-34J244-G1 K-34J244-G1 MAY 45			DC RES. COIL WOUND ON SPEER 2 WATT RE- SISTOR, 0.2 MEGOHM OR LARGER USED IN LIEU OF DUMMY.			CHOKE COIL ASSEMBLY CONTAINS 8 COILS, INDUCTANCE 900 MILLI- HENRIES AT 500 VOLTS 60 CYCLES, 7200 TURNS OF 10X41 LITZ WIRE, 210 OHMS DC RES., ENCLOSED IN CAN, HERMETICALLY SEALED. 5/1/45 720-3005 CBM:55RE52J 1012 MAY 45 PART NO.720-3005		
			CWQ-471088			CBM-471097 WDA		
			TRANSFORMER, I.F. PRI. RATED: 4.3 MICROHENRIES AT 1000 CPS IN AIR, 12 TURNS OF #36E WIRE, 0.33 OHMS DC RESISTANCE. SEC #1: 4.3 MICROHENRIES AT 1000 CPS IN AIR, 12 TURNS OF #36E WIRE, 0.83 OHMS DC RESISTANCE. INCLUDES CAPACITORS: 2 NTD-481778; 2 OF 3.0 MMF; 4/24/45 9A1614 9A1614-REV 0 MAY 45 42X160-REV C			INTERSTAGE AUTO-TRANSFORMER FREQUENCY RESPONSE 18000 TO 75000 CYCLES INDUCTANCE 21.5 MILLIHENRIES AT 1500 VOLTS 60 CYCLES. PRIMARY CONSISTS P1 TO COM, SECONDARY CONSISTS P2 TO COM. EACH HAS 430 TURNS OF #60-38 LITZ WIRE, 3 OHMS DC RES. EACH TAPPED AT 220 & 335 5/2/45 769-3011 CBM:55RE52J1029 MAY 45 PART NO. 769-3019		
			CWQ-471087			CBM-471097		
			TAPPED AT 13 TURNS. THIS ASSEMBLY IN- CLUDES: CAPACITORS; 5-12 MMF, CWQ 17A217 NTD-481778; AWS-CM20C510J; 9.0 MMF, ± 0.5 MMF, AND RESISTOR; NTD-63360-104.			TURNS. OPEN CORE AND COIL.		
			CWQ-471089 RBF-3			CHC-471098 TCS		
			TRANSFORMER, I.F. PRI. RATED: 4.3 MICROHENRIES AT 1000 CPS IN AIR, 12 TURNS OF #36E WIRE, 0.33 OHMS DC RESISTANCE. SEC #1: 4.3 MICROHENRIES AT 1000 CPS IN AIR, 12 TURNS OF #36E WIRE, 0.83 OHMS DC RESISTANCE. INCLUDES CAPACITORS: 2 NTD-481778; 2 OF 3.0 MMF; 4/24/45 9A1614 9A1614-REV 0 MAY 45 42X160-REV C			TRANSFORMER, I.F. CONSISTS OF 4 CAPACITORS, TWO 48 MMFD. TWO 50 MMFD, THREE COILS RATED: TWO AT 11 OHMS DC RESISTANCE, ONE AT 3 OHMS DC RESISTANCE. FREQUENCY IS 455 KC ±10% SHIELD COVER. 5/3/45 COL:278 3600 00 278 3600 00 MAY 45 REV 2		
			CRV-471091 TBS-8					
			TRANSFORMER, I.F. ASSEMBLY CONSISTS OF 2 COILS AND CAPACITORS: 2 CERAMIC, 50 MMFD, 1 MICA, 5600 MMFD, AWS-C4352562K, AND RESISTOR 63360-334, AND 63360-333. THE COILS ARE *K-850894/P-2/REV 13, M-417525/P-1/REV K-78945/P-4/REV 4 4/25/45 P-720166/G-502 MAY 45 REV 4 *					
			CRV-471092 TBS-8					
			TRANSFORMER ASSEMBLY PRI: 0.908 MILLIHENRIES INDUCTANCE, 6 TURNS 10 STRAND #40 DCS LITZ WIRE, 0.148 OHMS DC RES. SEC: 0.336 MILLIHENRIES, 5 TURNS #14 BARE COPPER WIRE, 0.013 OHMS DC RES. FREQUENCY RESPONSE 60 MEGACYCLES TO 80 MEGACYCLES. 4/26/45 M-420271-501 MAY 45 REV 10					



Class 47—R-F Transformers—Inductors—Chokes

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NAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION	NAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION	NAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION
CHC-471099 TCS TRANSFORMER, I.F. CONSISTS OF 4 CAPACITORS, TWO 48 MMFD, TWO 50 MMFD, THREE COILS, RATED TWO AT 11 OHMS DC RESISTANCE, ONE AT 7.3 OHMS DC RESISTANCE. FREQUENCY IS 455 KC ±10%. SHIELD COVER, WAX IMPREGNATED.	5/3/45 MAY 45	CHC:5935 COL:278 3700 00 REV 2	278 3700 00	4/24/45 MAY 45	PW16-5B	CYV:15A-B-4-3 REV 0	CGG-471114 WINDINGS 2 AND 3 TO EXTENSION OF GREEN TRACER LEAD. WOUND ON PHENOLIC TUBING FORM.	
CHC-471100 TCS TRANSFORMER, I.F. CONSISTS OF TWO COILS. COIL #1: #7-40 LITZ WIRE, 2.6 OHMS DC RESISTANCE 115 MICROHENRIES INDUCTANCE. COIL #2: #7-40 LITZ WIRE, 2.0 OHMS DC RESISTANCE 28 MICROHENRIES INDUCTANCE. FREQUENCY 455 KC. WAX IMPREGNATED.	5/3/45 MAY 45	COL:278 3800 00 D7458	278 3800 00	4/24/45 MAY 45	K27J28501	K27J28501 REV 0	CGG 471115. AN/SPR-2 DETECTOR TRANSFORMER ASSEMBLY CONSISTS OF 3 SINGLE LAYER WINDINGS IN A SERIES WOUND ON PHENOLIC TUBING FORM 1/2/3 RATED 9.54/3.16/2.56 MILLIHENRIES HAVING 45/19 1/3/16 1/2 TURNS OF #36 SSE WIRE. HAS A 500 MMF ±20% 500V DCW CERAMIC CAPACITOR FROM JUNCTION OF 4/25/45 24852837	24852837 ISSUE A
CBM-471101 MBA TRANSFORMER, I.F. PRI. 21 MILLIHENRIES. 695 TURNS OF 41/38 LITZ WIRE, 7.5 OHMS DC RESISTANCE SECONDARY RATED 21 MILLIHENRIES. 695 TURNS OF 41/38 LITZ WIRE, 7.5 OHMS DC RESISTANCE, BOTH COILS TAPPED AT 325 AND 525 TURNS.	5/3/45 MAY 45	803-3001 803-SH8A		4/24/45 MAY 45	K27J284G1	K27J284G1	CGG-471115 WINDINGS 2 AND 3 TO EXTENSION OF BLUE TRACER LEAD. SHIELDED.	
CKV-471102 AN/AURA-T2A R.F. CHOKE RATED 2.95 MILLIHENRIES. COIL CONSISTS OF 4 PIES, 225 TURNS OF #36SSE WIRE PER PIE.	5/5/45 MAY 45	A-14134-G1 A-14134 REV 2		4/24/45 MAY 45	24A48689	24A48689 ISSUE A *	CGG-471116 TEH 16T13(CRE) ANTENNA COUPLING UNIT FOR MATCHING A 300 FT. GUYED VERTICAL ANTENNA IN THE FREQUENCY RANGE OF 1700 KC. USES A LOW-PASS "T" NETWORK CAPABLE OF MATCHING A 50 OHM TRANSMISSION LINE TO ANTENNA HAVING RESISTANCE VALUE BETWEEN 25 AND 150 OHMS AND REACTANCE	CG-471116 BETWEEN -150 AND +150 OHMS. PEAK POWER 1000 KW. SIMILAR TO TYPE CG-47368 EXCEPT IS LARGER.
CML-471103 TDH SERIES R.F. CHOKE INDUCTANCE 16 MILLIHENRIES AT 10 VOLTS, 1000 CYCLES, 1000 TURNS OF #35SSE WIRE, 110 OHMS DC RES., SHIELDED, WAX IMPREGNATED.	5/7/45 MAY 45	CML:19-559D COL:24056000 REV 0	24056000	4/24/45 MAY 45	24A106355	24A106355 ISSUE A	CGG-471111 AN/SPR-2 R.F. CHOKE COIL CONSISTS OF 30 TURNS OF #26E WIRE WOUND ON A BAKELITE DUMMY RESISTOR FORM WITH TWO AXIAL WIRE LEADS. 2.0 OHMS DC RES. Q=82. *CCT-44536 CHANGE 0	
CG-471104 SC-4 R.F. CHOKE INDUCTANCE 1.5 MILLIHENRIES, 1000 CYCLES, 26 TURNS OF #290E NEVA STD. WIRE, SOLENOID CLOSE WOUND, 0.13 OHMS DC RES.	4/24/45 MAY 45	K27J341-G3 *SEE ABOVE		4/24/45 MAY 45	24A106356	24A106356 ISSUE 0	CGG-471112 AN/SPR-2 CHOKE COIL CONSISTS OF 67 TURNS OF #27E WIRE WOUND ON BAKELITE ROD FORM. FREQUENCY 4.1 MC. Q=80. INDUCTANCE NEGLIGIBLE.	CFM-471117 OBN R.F. CHOKE RATED 60 MILLIHENRIES INDUCTANCE AT 1000 CPS, 75 MA CURRENT 1.5 WATTS, ONE PI WINDING, 1995 TURNS #38 AWG SINGLE SILK ENAMELED COPPER WIRE WOUND ON CERAMIC COIL FORM, 274.2 OHMS DC RES.
CYV-471105 TEC R.F. CHOKE RATED 35 MICROHENRIES INDUCTANCE AT 1.5-2.5 MCS. CONSISTS OF 87 TURNS WOUND COUNTER CLOCKWISE OF #20 EN WIRE, WOUND ON PYNEX GLASS FORM. TWO TAPS.	4/24/45 MAY 45	PW 16-5C CYV:15-A-B-4 REV 0		4/24/45 MAY 45	24A106345	24A106354 ISSUE B *	CGG-471113 AN/SPR-2 R.F. CHOKE COIL CONSISTS OF 39 TURNS OF #36 SSE WIRE WOUND ON A 390 OHM, 1/2 WATT RESISTOR. FREQUENCY 15.3 Q=42. *CCT-44539 CHANGE 0	CFM-471118 OBN R.F. COIL ASSEMBLY RATED 1.3 WATTS, 250 MA, 4.84 MILLI-HENRIES INDUCTANCE (WITH NO CORE), FREQ. RANGE 95 TO 105 KC, 699 TURNS #15/44SSE WIRE TAPPED AT 233 TURNS, 22.7 OHMS DC RES. POWDERED IRON CORE, ASSEMBLED IN METAL CAN WITH A 390 MMF. CAPACITOR CON-
CYV-471106 TEC R.F. CHOKE RATED 590 MICROHENRIES INDUCTANCE AT 1.5-2.5 MC. CONSISTS OF 174 TURNS OF #20 SCCE WIRE WOUND COUNTER - CLOCKWISE ON A PYNEX TUBE, 3 TAPS.	4/24/45 MAY 45	PW16-6C CYV:15A-B-4-9 REV 0		4/25/45 MAY 45	24848094	24848094 ISSUE A *	CGG-471114 AN/SPR-2 I.F. TRANSFORMER ASSEMBLY CONSISTS OF 3 SINGLE LAYER WINDINGS IN A SERIES 1/2/3 RATED 9.09/3.36/1.44 MILLI-HENRIES HAVING 39/20 1/3/11 1/3 TURNS 6X #36 SSE WIRE. HAS A 500 MMF ±20% 500V DCW CERAMIC CAPACITOR FROM JUNCTION OF *24242156. ISSUE A	CFM-471118 NECTED IN PARALLEL TO COIL

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CFW-471119 OBN R.F. COIL ASSEMBLY RATED 0.75 WATTS, 350 MA, 13.4 MICROHENRIES INDUCTANCE (WITH NO CORE). FREQ. RANGE 1500 TO 2400 KC, 43 TURNS #30 AWG ENAMELED COPPER WIRE, SPACE WOUND, 86 TURNS/IN 0.534 OHMS DC RES. POWDERED IRON CORE. ASSEMBLED IN CAN 5/3/45 21-272 CDU:21-272 JUN. 45			CS-471125 DBE FILTER CHOKE: RATED 17 MICROHENRIES AT 1000 CPS, ONE PI WINDING, 30 TURNS #16 SSE WIRE, 0.021 OHMS DC RES. SLUG TUNED IRON CORE. 5/5/45 238502 238502 MAY 45 MAY 45 REV 0			CGG-471131 NATED WITH MOISTURE AND FUNGUS RESISTANT VARNISH.		
CFW-471119 WITH A 47 OHM RESISTOR AND 330 MMF CAPACITOR IN SERIES WITH COIL.			CS-471126 DBE FILTER CHOKE: RATED 380 MICROHENRIES AT 1000 CPS, ONE PI WINDING, 135 TURNS #16 SSC WIRE, 0.18 OHMS DC RES. SLUG TUNED IRON CORE. 5/5/45 238493 238493 JUN. 45 JUN. 45 REV 0			CGG-471132 AN/CPN-6 R.F. CHOKE: INDUCTANCE 2.5 MILLIHENRIES ±10% AT 1000 CYCLES, CUR CARRYING CAP 10 MA, 5 PIE UNIVERSAL WOUND, 185 TURNS PER PIE OF #38 AWG SCEL E WIRE; 60 OHMS DC RES UNSHIELDED, WOUND ON DUMMY RESISTOR FORM, 2 AXIAL WIRE LEADS EACH 1.5" LG 5/3/45 24A105294 24A105294 MAY 45 MAY 45 ISS C		
CFW-471120 OBN R.F. CHOKE: INDUCTANCE 115.7 MICROHENRIES AT 1000 CPS, 125 MA CURRENT, 0.12 WATTS, 78.5 TURNS #35 AWG SINGLE SILK ENAMELED COPPER WIRE, 5.5 OHMS DC RES. WOUND ON CERAMIC COIL FORM 5/3/45 21-273 CDU:21-273 MAY 45			CZC-471127 REE R.F. CHOKE: RATED 150 MICROHENRIES AT 1000 CPS, 500 MA DC, 3 LAYERS, 60 TURNS/LAYERS #28 DOUBLE CELANESE COVERED WIRE, 1.6 OHMS DC RES. WAX IMPREGNATED. WOUND ON BAKELITE FORM. 5/5/45 6375 6375-1 MAY 45			CGG-471132 VACUUM IMPREGNATED WITH MOISTURE AND FUNGUS RESISTANT VARNISH.		
CFW-471121 OBN R.F. CHOKE: INDUCTANCE 69.1 MICROHENRIES AT 1000 CPS, 125 MA CURRENT, 0.06 WATTS, 60 TURNS #35 AWG SINGLE SILK ENAMELED COPPER WIRE, 3.84 OHMS DC RES. WOUND ON CERAMIC COIL FORM. 5/3/45 21-274 CDU:21-274 MAY 45			CDB-471128 REE R.F. CHOKE: INDUCTANCE 2.5 MILLIHENRIES AT 1000 CPS 4 PI WINDINGS, 210 TURNS #36 SSE ENAMEL WIRE PER PI, 45 OHMS DC RESISTANCE. RATED 125 MA DC. 5/5/45 CH-920W CZC-5047-1 MAY 45			CGG-471133 AN/CPN-6 R.F. CHOKE: INDUCTANCE 500 MICROHENRIES ±10% AT 1000 CYCLES, CUR. CARRYING CAP. 10 MA, 3 PIE UNIVERSAL WOUND, 117 TURNS PER PIE OF #38 AWG SCEL E WIRE, 22 OHMS DC RES, UNSHIELDED, WOUND ON DUMMY RESISTOR FORM, 2 AXIAL WIRE LEADS EACH 1.5" LG 5/8/45 24A105293 24A105293 MAY 45 MAY 45 ISS C		
CFW-471122 OBN R.F. COIL ASSEMBLY: RATED 1 WATT, 350 MA, 20.2 MICROHENRIES INDUCTANCE (WITH NO CORE), 60 TURNS #30 AWG ENAMELED COPPER WIRE, SPACE WOUND 60 TURNS/IN 0.79 OHMS DC RES. POWDERED IRON CORE. ASSEMBLED IN METAL CAN, WITH A 220 MMF CAPACITOR AND A 5/3/45 21-275 CDU:21-275 MAY 45			CGG-471129 AN/CPN-6 R.F. INPUT CHOKE: INDUCTANCE 20 MICROHENRIES, 70 TURNS OF #36 EN WIRE, CAPACITY 30 MMF AT 6.5 MEGACYCLES, UNSHIELDED, WOUND ON BAKE-LITE DUMMY RESISTOR COIL FORM, TWO AXIAL WIRE LEADS 1.5" LG, FUNGUS RESISTANT VARNISH IMPREGNATED. 5/3/45 24A103238 24A103238 MAY 45 MAY 45 REV A			CGG-471133 LG. VACUUM IMPREGNATED WITH MOISTURE AND FUGUS RESISTANT VARNISH.		
CFW-471122 3000 OHM RESISTOR IN PARALLEL WITH COIL.			CGG-471130 AN/CPN-6 R.F. CHOKE: INDUCTANCE 150 MICROHENRIES, 2 PIE UNIVERSAL WOUND, 90 TURNS PER PIE OF #36 WIRE, 7 OHMS DC RES; UNSHIELDED, WOUND ON SPEER 2200 OHMS 1 WATT RESISTOR. COMPOSITION CORE, 2 AXIAL LEADS 0.406" LG. IMPREGNATED WITH FUGUS RESISTANT 5/3/45 24A106809 24A106809 JUN. 45 JUN. 45 ISSUE 0			CGG-471133 OF COIL: ASSEMBLED IN METAL SHIELD CAN.		
CFW-471123 OBN R.F. CHOKE: INDUCTANCE 2.7 MILLIHENRIES AT 1000 CPS, 125 MA CURRENT, 0.5 WATTS, 421 TURNS #36 AWG SINGLE SILK ENAMELED COPPER WIRE, 29.9 OHMS DC RES. WOUND ON CERAMIC COIL FORM. 5/3/45 21-276 CDU:21-276 MAY 45			CGG-471131 VARNISH.			CAI-471134 AN/ARQ-10 I.F. TRANSFORMER: INDUCTANCE AT 456 KC IS 1173±50 MICROHENRIES, CONSISTS OF SINGLE COIL 240 TURNS #7/41 DSC LITZ WIRE TAPPED AT 120 TURNS, 3.25 OHMS DC RES, 30 OHMS AC RES AND ADJUSTABLE IRON CORE; MICA CAPACITOR IN PARALLEL WITH END TERMINALS 5/9/45 CFT:NL-34017-20 MAY 45		
CS-471124 DBE R.F. CHOKE: RATED 3.5 MILLIHENRIES AT 1000 CPS WITH NO CORE; 7 MILLIHENRIES AT 1000 CPS WITH POWDERED IRON CORE; 2 PIES WOUND IN SERIES, 650 TURNS 15/44 SS LITZ WIRE, TOTAL, 20 OHMS DC RES. 5/5/45 811302 811302-B MAY 45			CGG-471131 AN/CPN-6 R.F. CHOKE: INDUCTANCE 275 MICROHENRIES AT 1000 CYCLES, CUR CARRYING CAP 10 MA, 2 PIE UNIVERSAL WOUND, 115 TURNS PER PIE OF #33 AWG SCEL E WIRE, 8 OHMS DC RES, UNSHIELDED WOUND ON DUMMY RESISTOR, 2 AXIAL WIRE LEADS EACH 1.5" LG. VACUUM IMPREG- 5/8/45 24A105295 24A105295 JUN. 45 JUN. 45 ISS F			CAI-471134 OF COIL: ASSEMBLED IN METAL SHIELD CAN.		
						CAI-471135 AN/ARQ-10 I.F. TRANSFORMER: CONSISTS OF 2 COILS, INDUCTANCE OF EACH COIL IS 250±10 MICROHENRIES EACH COIL; 120 TURNS #7/41 DSC LITZ WIRE, 7.0 OHMS AC RES, 3.0 OHMS DC RES. ADJUSTABLE IRON CORE MOUNTED IN METAL CAN WITH A MICA CAPACITOR IN PARALLEL WITH EACH OF 5/9/45 CFT:NL-34016-20 MAY 45		

Class 47—R-F Transformers—Inductors—Chokes

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NAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION	NAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION	NAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION
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CAI-471135  
THE 2 COILS. FREQUENCY: 456 KC.

CAI-471140  
AND ONE 47 MMF MICA CAPACITOR IN PARALLEL WITH THE OTHER COIL. ADJUSTABLE IRON CORE.

CW-471146 FSA  
RETARDATION COIL:  
RATED 5.25 MILLIHENRIES MAX. AND 4.75 MILLIHENRIES MIN AT 10 KC TEST FREQUENCY. SINGLE SECTION COIL DUOLATERALLY WOUND ON AN INSULATED CORE. CONSISTING OF 515 TURNS OF #35 GA EN WIRE WITH 40 OHMS MAX DC RESISTANCE AT 70°F.  
5/9/45 D-171609 ESA-663637  
MAY 45 ISS. 2

CG-471136 SU  
COIL, DEFLECTION:  
CONSISTS OF FOUR COILS, EACH RATED 1000 TURNS OF 0.005" WIRE, 85.5±15% OHMS DC RESISTANCE. OVER ALL INDUCTANCE IS 0.091 HENRIES.

CAI-471141 AN/ARQ-10  
I.F. TRANSFORMER:  
FREQUENCY 465 KC. CONSISTS OF 2 COILS. INDUCTANCE, TOP COIL/BOTTOM COIL IS 250±10/540±2.5 MICROHENRIES. WINDING DATA; TOP/BOTTOM COILS:120/130 TURNS CT. #7/41 LITZ WIRE; 7/17.5 OHMS AC RES; 3.15/5.15 OHMS DC RES. ADJUSTABLE IRON  
5/9/45 CFT:NL-34018-2C  
MAY 45

CNA-471147 DBM-1  
CHOKER:  
RATED 17.4 MICROHENRIES. 2 SECTIONS EACH CONSISTS OF 32 TURNS #28 OSC WIRE 0.5 OHMS DC RES. 0.6 AMP CURRENT.

5/8/45 CG-80552 CG:K-5898740BU  
MAY 45 CBN-972-473 REV. 2

5/9/45 CBN-1000A-276  
MAY 45 ALT 0

CGG-471137 AN/CPN-6  
R.F. CHOKER:  
TESTED AT 300 KC WITH 247 MMF ±5% SHUNT CAPACITY GIVES Q OF 42±5% AND INDUCTANCE OF 1.1 MILLIHENRIES ±10%. CUR CARRYING CAPACITY 10 MA. 3 PIE UNIVERSAL WOUND, 135 TURNS PER PIE OF #38 AWG SCEL E WIRE 40 OHMS DC RES. UNSHIELDED WOUND ON  
5/8/45 24A105393 24A105393  
MAY 45 ISS B

CAI-471141  
CORE. MOUNTED IN METAL CAN WITH 3 MICA CAPACITORS.

CGG-471148 AN/CPN-6  
R.F. CHOKER COIL:  
SINGLE LAYER WOUND; UNSHIELDED; 43 TURNS OF #30 EN WIRE WOUND ON RAKELITE FORM. 2 AXIAL WIRE TERMS 1.5" LG., VACUUM IMPREGNATED WITH FUGUS RES VARNISH. INDUCTANCE 3.8 MICROHENRIES AT 1000 CYCLES. 0.25 OHMS DC RES.  
5/9/45 24A103241 24A103241  
MAY 45 ISS. A

CGG-471137  
DUMMY RESISTOR FORM, 2 AXIAL WIRE LEADS EACH 1.5" LG., VACUUM IMPREGNATED WITH MOISTURE AND FUNGUS RESISTANT VARNISH.

CAI-471142 AN/ARQ-10  
I.F. TRANSFORMER:  
FREQUENCY 3 MC. CONSISTS OF 2 COILS. INDUCTANCE TOP COIL/BOTTOM COIL IS 28.2±0.5/72.5±1.5 MICROHENRIES. WINDING DATA, TOP/BOTTOM COILS: 36/56 TURNS, CT #34 ENAMELED WIRE; 6.9/17.5 OHMS AC RES; 1.4/2.2 OHMS DC RES. ADJUSTABLE IRON  
5/9/45 CFT:NL-34154-2A  
MAY 45

COL-471149 TDH SERIES  
DUAL R.F. CHOKER ASSEMBLY:  
2 CHOKES CONN. IN SERIES. 85 MICROHENRIES/100 MICROHENRIES. 71/81 TURNS OF #24 OSC WIRE, 0.53 OHMS/0.60 OHMS DC RES. SELF RESONANT ABOVE 20 MC.

RW-471138 GEN. USE  
MATCHING TRANSFORMER:  
FREQ. RANGE 3 TO 22 MC. FOR MATCHING A 700 OHM ANTENNA OR 250 OHM LINE TO A 70 OHM COAXIAL CABLE. POWDERED IRON CORE.

CAI-471142  
CORE. MOUNTED IN METAL CAN WITH 3 MICA CAPACITORS.

COL-471150 T00  
R.F. CHOKER:  
INDUCTANCE 96 MICROHENRIES AT 10 VOLTS 1000 CYCLES. 144 TURNS OF #24 EN WIRE, 10.268 OHMS DC RES.

5/9/45  
MAY 45

5/9/45 507377950 507377950  
MAY 45 D 10984

CAI-471139 AN/ARQ-10  
I.F. TRANSFORMER:  
FREQUENCY 3 MC. CONSISTS OF 2 COILS, EACH: 23±1.5 MICROHENRIES INDUCTANCE; 36 TURNS #34 ENAMELED WIRE, 6.7 OHMS AC RES. 1.4 OHMS DC RES. ASSEMBLED IN METAL SHIELD CAN WITH A 100 MMF CAPACITOR IN PARALLEL WITH EACH OF THE 2 COILS. AD-  
5/9/45 CFT:NL-34155-2A-2  
MAY 45

CAI-471143 AN/ARQ-10  
B.F.O. TRANSFORMER:  
FREQUENCY 3 MC. SINGLE COIL, 65 TURNS #34 ENAMELED WIRE, TAPPED AT 25 TURNS. ADJUSTABLE IRON CORE.

COL-471151 TDH SERIES  
R.F. CHOKER:  
INDUCTANCE 100 MICROHENRIES AT 1000 CYCLES. 144 TURNS CLOSE WOUND OF #24 DUO-ENAM. COPPER WIRE, 1.05 OHMS DC RES SELF-RESONANT BETWEEN 21 AND 22 MC.

CAI-471139  
JUSTABLE IRON CORE.

5/9/45 CFT:NL-34882-2A  
MAY 45

5/9/45 571081640 571081640  
MAY 45 REV. 0

CAI-471140 AN/ARQ-10  
I.F. TRANSFORMER:  
FREQUENCY 3 MC. CONSISTS OF 2 COILS, EACH: 28±1.5 MICROHENRIES INDUCTANCE 36 TURNS #34 ENAMELED WIRE, 6.7 OHMS AC RES. 1.4 OHMS DC RES. ASSEMBLED IN METAL SHIELD CAN WITH ONE 100 MMF MICA CAPACITOR IN PARALLEL WITH ONE COIL.  
5/9/45 CFT:NL-34155-2A  
MAY 45

CFT-471144 AN/ARQ-10  
R.F. COIL ASSEMBLY:  
INDUCTANCE VARIABLE FROM 0-95 MICROHENRIES. 41 TURNS #16 DRAWN SILVER JACKETED HALF HARD COPPER WIRE, 13T/IN. 4.27 OHMS AC RES. 0.14 OHMS DC RES. MOUNTED BETWEEN 2 END PIECES WITH ROLLER TYPE CONTACTS.  
5/9/45 NL-34557-2 NL-34557-2F  
MAY 45

-471152 TDH SERIES  
R.F. CHOKER:  
2 PI WINDINGS CONNECTED IN SERIES. OVERALL INDUCTANCE 1 MILLIHENRY AT 10 VOLTS 1000 CYCLES WITH 0.125 AMPS DC. EACH PI HAS 222 TURNS OF #36 SSE ENAMEL WIRE DUO-LATERAL WOUND ON CERAMIC FORM, 18 OHMS DC RES. WIRE LEAD TERMINALS  
5/10/45 COL-240230000 COL-240230000  
MAY 45 CNA R-100 CML: REV. 1

CFT-471145 AN/ARQ-10  
REACTOR ASSEMBLY:  
INDUCTANCE 0.1 MILLIHENRY AT 1000 CPS. 100 TURNS (15 FEET) #24 OSC COPPER WIRE. PI WOUND. RESISTANCE 0.45 OHMS DC.

-471152  
FROM MOLDED ENDS. LOW LOSS IMPREGNATION. INDUCTANCE EACH SECTION 0.4 MILLIHENRIES

5/9/45 NL-35548-2B NL-35548-2B  
MAY 45

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CONFIDENTIAL

NAVSHIPS 900,109

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CMH- 471153 TDH SERIES  
R.F. CHOKE:  
CONSISTS OF 2 1-PI. INDUCTANCE EACH SECTION 0.25 MILLIHENRIES ±10% AT 10 VOLTS 1000 CYCLES WITH 1.0 AMPS MAX DC. EACH HAS 120 TURNS OF #24 DS WIRE, 0.75 OHMS DC RES.

5/10/45 COL-240520000 COL-240520000  
MAY 45 CMH-4535 REV. 0

CAQB- 471154 RCF  
I.F. TRANSFORMER ASSEMBLY:  
PRIMARY AND SECONDARY EACH RATED: FREQ. 455 KC, Q=100, CAP. 90 MMF, 342 TURNS OF 3/41 SSE OR SCEL E UNIVERSAL WOUND 21.7 OHMS DC RES. ENCLOSED IN ALUMINUM SHIELD CAN, VACUUM IMPREGNATED WITH  
CAQB-3327 CHL-508097 ARMY:229641.55  
5/10/45 SEE ABOVE CHL-508097  
MAY 45 REV F

CAQB- 471154  
HALLOWAX. ASSEMBLY INCLUDES 2 DUAL TRIMMED 80 MMFD CAPACITORS.

CAQB- 471155 RCF  
I.F. TRANSFORMER ASSEMBLY:  
PRI/SEC. RATED 546 KC/355 KC FREQ: Q IS 35/45, CAP. 115 MMFD/115 MMFD, 230/353 TURNS OF #36 SSE OR S CEL E WIRE UNIVERSAL WOUND, 13.6 OHMS/22.3 OHMS DC RES ENCLOSED IN ALUMINUM SHIELD CAN, VARI-  
CAQB-717 CHL-508080 ARMY:229641.47  
5/10/45 SEE ABOVE CHL-508080  
MAY 45 REV. F

CAQB- 471155  
ABLE POWDERED IRON CORE ON PIR. ASSEMBLY INCLUDES 1-100 MMF, AND 1-25 MMF CAPACITOR. GIVEN MEASUREMENTS MADE WITHOUT SHIELD AND IRON CORE.

CAQB- 471156 RCF  
I.F. TRANSFORMER ASSEMBLY:  
PRI/SEC RATED 455/455 KC FREQ. Q IS 177/175, CAP 107 MMF/102 MMF., 6.3 OHMS/6.1 OHMS DC RES. EACH HAVE 202 TURNS OF 7/41 SSE OR S CEL E WIRE UNIVERSAL WOUND POWDERED IRON CORES VACUUM IMPREG-  
CAQB-3365 CHL-508083 ARMY:220641.102  
5/10/45 SEE ABOVE CHL-508083-G  
MAY 45

CAQB- 471156  
NATED WITH HALLOWAX. ENCLOSED IN ALUMINUM SHIELD CAN. ASSEMBLY INCLUDES ONE TRIMMER CAPACITOR AND ONE SILVER NICA CAPACITOR.

CFW- 471157 RCF  
I.F. TRANSFORMER ASSEMBLY:  
PRI/SEC RATED: Q IS 50/77 FREQ. 469 KC/476 KC CAP 400 MMF/400 MMF, 183/180 TURNS OF 5 STRANDED 41 SSE OR S CEL E WIRE, 7.68/7.15 OHMS DC RES. SLUG TUNED COUPLING ON PRIMARY SERIES CON-  
ECL-50C082 CFW: ARMY:229641.70  
5/10/45 SEE ABOVE CH:50C082  
MAY 45 REV E

CCFW- 471157  
NECTED WITH SECONDARY HAS 6 TURNS OF #36 SSE OR S CEL E WIRE 0.324 OHMS DC RES. ENCLOSED IN ALUMINUM SHIELDED CAN. ASSEMBLY INCLUDES 2-270 MMF CAPACITOR, 1-250 MMF CAPACITOR, 1-0.5 MEGOHM 1/2 WATT RESISTOR.

CFW- 471158 RCF  
CRYSTAL TRANSFORMER ASSEMBLY:  
PRI/SEC RATED FREQ. 330 KC/272 KC CAP 400 MMFD/400 MMFD, Q IS 87/89, 230/275 TAPPED AT 200 AND 210 OF 6 STRANDED 41 SSE OR S CEL E WIRE UNIVERSAL WOUND, 8.64 OHMS/11.9 OHMS DC RES. COUPLING ON SECONDARY SERIES-CONN. WITH PRIMARY HAS  
5/10/45 CHL:50C081 CFW: CHL-50C081  
MAY 45 REV. E

CFW- 471159  
6 TURNS OF #36 SSE OR S CEL E WIRE. SLUG TUNED. ASSEMBLY INCLUDES 1-85 MMFD AND 1-125 MMFD. CAPACITOR. ENCLOSED IN CAN VACUUM IMPREGNATED WITH ZOPHAR AND FLASH DIPPED IN HALLOWAX. MOISTURE SEALED Q MEASUREMENTS TAKEN WITHOUT IRON CORE.

CH- 471159 MK 12-MOD 0  
TRANSFORMER, I.F.:  
30 MEGACYCLE, TWO IDENTICAL COILS. EACH RATED 26 TURNS OF #34 WIRE, 0.5396 OHMS DC RESISTANCE. OPEN CORE AND COIL.

5/11/45 ES0-694247-7  
MAY 45 ISS 13

CHC- 471160 DAB:DAB-1.2.3  
TRANSFORMER, I.F.:  
445 TO 465 KC TUNING RANGE. ASSEMBLY CONSISTS OF ONE FIXED CAPACITOR 0.00015 MFD, ONE TRIMMER, AIR CAPACITOR. HERMETIC ALLY SEALED IN A RECTANGULAR CAN.

5/15/45 CGL-273320000 CGL:273320000  
MAY 45 REV 2

CHC- 471161 DAB-1.2.3  
TRANSFORMER, I.F.:  
TUNING RANGE 445-465 KC ASSEMBLY INCLUDES TWO FIXED CAPACITORS, 0.00017 MFD TWO TRIMMER AIR CAPACITORS. HERMETICALLY SEALED IN A RECTANGULAR CAN.

5/15/45 CGL-273300000 CGL:273300000  
MAY 45 REV 0

CHC- 471162 DAB-1.2.3  
TRANSFORMER, I.F.:  
TUNING RANGE 445 TO 465 KC. THE ASSEMBLY INCLUDES THREE CAPACITORS AND ONE RESISTOR. ONE CAPACITOR RATED 0.00015 MFD ONE CAPACITOR RATED 0.000095 MFD. ONE AIR TRIMMER, ONE RESISTOR RATED 50,000 OHMS, 0.5 WATTS HERMETICALLY  
5/15/45 COL-273350000 COL-273350000  
MAY 45 REV 2

CHC- 471162  
SEALED.

CHC- 471163 DAB-1.2.3  
TRANSFORMER, I.F.:  
TUNING RANGE 445 TO 465 KC. ASSEMBLY CONSISTS OF FOUR CAPACITORS: TWO FIXED CAPACITORS RATED 0.00017 MFD. TWO AIR TRIMMERS. HERMETICALLY SEALED IN A CAN.

5/15/45 COL-278310000 COL-278310000  
MAY 45 REV 0

COL- 471164 DAB-1.2.3  
TRANSFORMER, LOOP COUPLING:  
PRI #1. 5 TURNS, 2 PARALLELED LEFTHAND WOUND OF #18 ENAM. WIRE, SEC. #1. 4 TURNS OF #28 DSC WIRE, SEC #2 1 TURN OF #14 BUS WIRE, VARIABLE POWDERED IRON SLUG CORE. SAME AS -471165 EXCEPT THAT PRIMARIES ARE WOUND IN OPPOSITE DIREC-  
5/15/45 COL-572047440 COL:K-4740-1  
MAY 45 08534

COL- 471164  
TIONS.

COL- 471165 DAB-1.2.3  
TRANSFORMER, LOOP COUPLING:  
PRI 5 TURNS, 2 PARALLELED, RIGHT HAND WOUND OF #18 ENAMEL WIRE, SEC #1. 4 TURNS OF #28 DSC WIRE, SEC #2 1 TURN OF #14 BUS WIRE, VARIABLE POWDERED IRON SLUG CORE. SAME AS -471164 EXCEPT THAT PRIMARIES ARE WOUND IN OPPOSITE DIREC-  
5/15/45 COL-571447440 COL:K-4740-1  
MAY 45 08534

COL- 471165  
TIONS.

CBM- 471166 0FB  
TRANSFORMER, OSCILLATOR:  
CONSISTS OF TWO COILS. COIL #1 RATED 27.7 MILLIHENRIES, 850 TURNS OF 7-41 LITZ WIRE, 55 OHMS DC RESISTANCE. COIL #2 RATED 11.5 MILLIHENRIES, 1250 TURNS OF 7-41 LITZ WIRE, 31.0 OHMS DC RESISTANCE. WHEN THE TWO COILS ARE CONNECTED IN  
5/15/45 CBM-903-3002 903-3002  
MAY 45 ALT 0

CBM- 471166  
SERIES, 37.5 MILLIHENRIES.

COL- 471167 TDH  
R.F. CHOKE:  
6 TURNS #18 BUS WIRE ON RC30BE 100 K RESISTOR.

5/17/45 GA-571106410 COL-1064A-3  
MAY 45 REV. 01151

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CW-471168 FSA		SOLENOID TYPE CONSISTING OF TWO SINGLE LAYER WINDINGS 1/2 RATED 93.74/5.15 MICROHENRIES MAX. 85.26/4.75 MICROHENRIES MIN AT 100 KC 76 TAPPED AT 38 1/4/10 TURNS #29E/30 E WIRE WITH 1.8/0.325 OHMS MAX DC RESISTANCE AT 70°F. 5/10/45 D-170593 BA-108361 MAY 45 ISS. 1	CW-471173		CORE TUBE.	CFW-471181 MK 36		CHOKER RF: INDUCTANCE 100 MICROHENRIES AT 250V DC WORKING. 5/11/45 MAY 45 CG:K-71022080-5 REV 2
CW-471168		WOUND ON PHEHOL PLASTIC CORE TUBE.	CW-471174 FSA		RETARDATION COIL: RATED 10.20 MILLIHENRIES MAX. 9.80 MILLIHENRIES MIN AT 10 KC TEST 800 TURNS #35 EN WIRE WITH 65 OHMS MAX DC RESISTANCE AT 70°F. DUOLATERALLY WOUND ON CORE OF INSULATING MATERIAL. 5/10/45 D-170-600 BA-101650 MAY 45 ISS 3	CFW-471182 MK 36		CHOKER RF: INDUCTANCE 0.5 MH. 5/11/45 13473 CG:K-7110007-1 MAY 45 REV 2
CW-471169 FSA		SOLENOID TYPE CONSISTING OF TWO SINGLE LAYER WINDINGS 1/2 RATED 13.26/1.9 MICROHENRIES MAX 12.74/1.5 MICROHENRIES MIN AT 100 KC 29 TAPPED AT 14 1/4/5 TURNS #21E/#26E WIRE WITH 0.112/0.072 OHMS MAX DC RESISTANCE AT 70°F. WOUND 5/10/45 D-170594 BA-108361 MAY 45 ISS. 1	CW-471175 FSA		RETARDATION COIL: MAX INDUCTANCE 2.75 MILLIHENRIES AND MIN INDUCTANCE 2.25 MILLIHENRIES AT 25 KILOCYCLES. TOTAL TURNS 1150 OF #38E WIRE. 90 OHMS DC RES MAX AT 70°F. 5/10/45 D-170647 BA-108244 MAY 45 ISS 1	CW-471183 TS-35A/AP		COIL, RETARDATION: RATED MIN INDUCTANCE OF 6.3 MILLIHENRIES MAX INDUCTANCE OF 6.7 MILLIHENRIES AT 30 KILOCYCLES. MAX DC RES AT 70°F IS 25 OHMS. CONSISTS SINGLE WINDING 610 TURNS OF #31 GA EN WIRE WOUND DUOLATERALLY ON PHEHOL PLASTIC SPOOL. 5/11/45 D-170115 BA-106374-1 MAY 45 ISS 1
CW-471169		ON PHEHOL PLASTIC CORE TUBE.	CFW-471176 MK-36		CHOKER RF: SLUG TUNED. CONSISTS OF A SINGLE WINDING OF 20 TURNS OF AWG #26 FORMEX WIRE. 5/11/45 MAY 45 CG:M-745449-1 REV 1	CW-471184 TS-35A/AP		COIL, RETARDATION CONSISTS OF 2 DUOLATERAL WINDINGS WOUND ON PHEHOL PLASTIC SPOOL. WINDING 1-2/3-4 CONSISTS OF 610/610 TURNS OF #31GA/#31GA EN. WIRE. INDUCTANCE 6.7/6.7 MILLIHENRIES MAX AND 6.3/5.3 MILLIHENRIES MIN AT 30 KILOCYCLES. DIFFERENCE IN DC RES. AT 5/11/45 D-170106 BA-106374-2 MAY 45 ISS 2
CW-471170 FSA		SOLENOID TYPE SINGLE LAYER WINDING RATED 88.74 MICROHENRIES MAX 85.26 MICROHENRIES MIN AT 110 KC 72 TURNS TAPPED AT 18 3/4 TURNS #28E WIRE WITH 1.30 OHMS MAX DC RESISTANCE AT 70°F. WOUND ON PHEHOL PLASTIC CORE TUBE. 5/10/45 D-170595 BA-108286 MAY 45 ISS. 1	CFW-471177 MK 36		TRANSFORMER: CONSISTS OF 2 WINDINGS. SLUG TUNED. PRI CONSISTS OF 5 1/2 TURNS OF AWS #26F WIRE. SEC #1/#2 CONSISTS OF 5/10 TURNS OF #26F/#26F WIRE. 5/11/45 MAY 45 CG:M-7475838-1 REV 0	CW-471184		70°F BETWEEN 1-2 & 3-4 SHALL NOT EXCEED 0.3 OHM. DC RES BETWEEN TERM. 1 & 4 IS 38 ± 2 OHMS AT 70°F.
CW-471171 FSA		SOLENOID TYPE, SINGLE LAYER WINDING RATED 13.26 MILLIHENRIES MAX 12.74 MICROHENRIES MIN AT 100 KC 28 TURNS TAPPED AT 8 3/4 TURNS #20E WIRE WITH 0.080 MAX DC RESISTANCE AT 70°F. WOUND ON PHEHOL PLASTIC CORE TUBE. 5/10/45 D-170596 BA-108286 MAY 45 ISS. 1	CFW-471178 MK 36		CHOKER: INDUCTANCE 1 MH. 10 OHMS DC RES. DISTRIBUTED CAPACITY 1.5 MMFD ±.50. CURRENT CAPACITY 125 MA WOUND ON CERAMIC COIL FORM. 5/11/45 MAY 45 CG:K-7109455-1 REV. 0	CDE-471185 YR		ANTENNA TUNING UNIT CONSISTS OF A LOADING COIL, A THERMO-AMMETER WITH AN EXTERNAL THERMO-COUPLE AND A MICA BYPASS CAPACITOR FOR THE METER. UNIT HAS A PLASTIC BOX APPROX. 14" SQ. AND 26" HIGH. 5/12/45 MAY 45
CW-471172 FSA		SOLENOID TYPE, SINGLE LAYER WINDING RATED 88.74 MICROHENRIES MAX 85.26 MICROHENRIES MIN AT 100 KC. 72 TURNS TAPPED AT 3 1/12, 6 1/6, 9 1/4, 12 1/3 #28E WIRE WITH 1.30 OHMS MAX DC RESISTANCE AT 70°F WOUND ON PHEHOL PLASTIC CORE TUBE. 5/10/45 D-170597 BA-108285 MAY 45 ISS 1	CG-471179 MK 36		CHOKER DECOUPLER: CONSISTS OF 2 LAYER WINDINGS. 1ST LAYER CONSISTS OF 32 TURNS OF AWG #26F COPPER WIRE. 2ND LAYER CONSISTS AT 17 TURNS AWG #26F COPPER WIRE. WOUND OVER BT 1/2. 4700.OHM RESISTOR. 5/11/45 ML-7109743G2 K-7109743P7 MAY 45 REV 3	CG-471186 SC-4		SWEEP DEFLECTION COIL CONSISTS OF 2 COILS. 600 TURNS EA. OF #29 FORMEX WIRE. CONNECTED IN SERIES. OVERALL INDUCTANCE 300 MICROHENRIES AND 612 OHMS DC RES. RANDOM WOUND. 5/15/45 K34J643-2 K-34J643-2 MAY 45 REV. 4
CW-471173 FSA		SOLENOID TYPE, SINGLE LAYER WINDING RATED 13.26 MICROHENRIES MAX 12.74 MICROHENRIES MIN AT 100 KC. 27 TURNS TAPPED AT 1 1/7, 2 2/7, 3 3/7, 4 4/7. #22E WIRE WITH 0.130 OHMS MAX DC RESISTANCE AT 70°F. WOUND ON PHEHOL PLASTIC 5/10/45 D-170598 BA-108285 MAY 45 ISS. 1	CG-471180 MK 36		CHOKER RF: CONSISTS OF 45 TURNS OF AWG #33 SINGLE ENAMEL COPPER WIRE WOUND ON SPEER TYPE CF-1 COIL FORM. 5/11/45 ML-7103281-G2 ML-7103281-4 MAY 45 REV 4	CFW-471187 SO-7M,SO-7N		R.F. CHOKER INDUCTANCE 3 MICROHENRIES APPROX. 21-25 TURNS OF #24 EN WIRE WOUND RIGHT HAND, 12-14 TURNS WOUND LEFT HAND. WOUND ON PHEHOLIC DUMMY RESISTOR FORM 3/16" X 5/8". AXIAL LEADS. SELF RESONANT AT 30 MC ± 15% AFTER VARNISHING. DC RES. 5/15/45 12734 CRP:92-5078 P1 MAY 45 REV. 0

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NEGLIGIBLE.		CFW-471187	CFW-471194		CRP-471200			
		WHEN TUNED AT 455 KC IS 9.75 MH ± 5% WITH TERTIARY WINDING IN SERIES WITH SEC. MUTUAL IS 26.25 MH ± 5%. VARIABLE POWDERED IRON CORE. ASSEMBLY INCLUDES 2-160 MMFD. CAPACITORS. FLASH DIPPED IN WAX. ENCLOSED IN METAL CAN.			OHMS DC RESISTANCE. FREQUENCY RESPONSE: 14-30 KCS.			
CAOS-471188	HK 6 MOO O		CFW-471195	RCT,RCU,RCU-1		CRP-471201	QGA	
CHOKO, R.F.		INDUCTANCE 1.08 MH. CONSISTS OF 400 TURNS OF 15-44 LITZ 1/2" PI WOUND ON 3/8 IN. BAKELITE FORM, TAPPED AT 100 AND 120 TURNS. 10 OHMS DC RES.		I.F. TRANSFORMER ASSEMBLY PRI. AND SEC. TO TUNE OVER FREQ. RANGE OF 430-480 KC WITH 5 MMFD. ADD'L. CAP. ACROSS EACH WINDING. INDUCTANCE OF EACH WINDING AT 1000 CYCLES APPROX. 675 MILLIHENRIES WITH OTHER COIL SHORTED. MINIMUM Q IS 120 AT 455 KC. MUTUAL INDUCTANCE 5/16/45 CMX:9360179		TRANSFORMER, INPUT OPERATION FROM 500 OHMS TO 12,500 OHMS IMPEDANCE. PRI. #1. RATED: 750 TURNS OF #35 WIRE. 45 OHMS DC RESISTANCE. PRI. #2 RATED: 750 TURNS OF #35 WIRE. 65 OHMS DC RESISTANCE. SEC #1 RATED: 285 TURNS OF #29E WIRE. 4.5 OHMS DC RESISTANCE FREQ 5/17/45 CRP:U-7429		CBM:U-1000A-173
5/15/45		A-38060C	5/16/45	CHX:9360179	5/17/45	CRP:U-7429		CBM:U-1000A-173
MAY 45		REV. 2	MAY 45	REV. 8	MAY 45	CBM:336 CJ		ALT 1
CFN-471189	BN SERIES		CFW-471196	RBP		CRV-471202	RBP	
R.F. COIL		TUNED TO 28 MEGACYCLES. 13 1/2 TURNS OF #24 WIRE. POWDERED IRON CORE, GLYPHAL DIPPED WINDING. TROPICALIZED, VARNISH IMPREGNATED. ENCLOSED IN METAL CAN.		R.F. CHOKO COIL		1ST. I.F. TRANSFORMER		
5/15/45	300308-1	300308-1 REV. 8	5/17/45	M-417043-501	M-417043-501	ASSEMBLY (2ND STAGE): FREQ. 450 KC. ASSEMBLY INCLUDES ALUMINUM CAN WITH COVER CONTAINING 4-100 MMFD. VARIABLE AIR CAPACITORS. 4 COILS EACH 1.48 MILLIHENRIES INDUCTANCE. AND 1-200,000 AND 2-50,000 COMPOSITION RESISTORS (RT63355).		
MAY 45	300472-1	300472-1 REV. 7	MAY 45	REV. 8	5/18/45	T-607806-502		T-607806-502
CFN-471190	BN SERIES		5/17/45	XB360147-1	XB-360147-1	5/18/45	P-712708-508	P-712708-508
R.F. COIL		TUNED AT 30 MEGACYCLES. 14 1/2 TURNS OF #24EN WIRE. POWDERED IRON CORE, TROPICALIZED. VARNISH WINDING. ENCLOSED IN METAL CAN.		MAY 45	REV. A	MAY 45	REV. 11	REV. 11
5/16/45	300308-4	300308-4 REV. 8	5/17/45	K-876118-501	K-876118-501 *	5/18/45	P-712708-501	P-712708-501
MAY 45	300472-2	300472-2 REV. 7	MAY 45	REV. 0	MAY 45	REV. 11	REV. 11	REV. 11
CFN-471191	BN SERIES		CRV-471198	OAA		CRV-471204	RBP	
R.F. COIL		TUNED TO 32 MEGACYCLES. 12 1/2 TURNS OF #24EN WIRE. POWDERED IRON CORE, GLYPHAL DIPPED WINDING. TROPICALIZED. VARNISH IMPREGNATED. ENCLOSED IN METAL CAN.		R.F. CHOKO		R.F. CHOKO		
5/16/45	300308-2	300308-2	5/17/45	P-712708-507	P-712708-507	INDUCTANCE 1.18 MICROHENRIES AT 500 KC. FREQ. 3-24 MC. 1750 TURNS OF #34 SSE COPPER WIRE UNIVERSALLY WOUND. 85 OHMS DC RES.		
MAY 45	REV. 8	REV. 8	MAY 45	REV. 1	MAY 45	REV. 11		
CFN-471192	BN SERIES		5/17/45	K-876118-501	K-876118-501 *	5/18/45	P-712708-501	P-712708-501
R.F. COIL		TUNED TO 30 MEGACYCLES. 6 1/2 TURNS OF #24EN WIRE. POWDERED IRON CORE, TROPICALIZED. VARNISH IMPREGNATED. ENCLOSED IN METAL CAN.		MAY 45	REV. 0	MAY 45	REV. 11	REV. 11
5/16/45	300308-3	300308-3	5/17/45	P-712708-507	P-712708-507	5/18/45	P-712708-502	P-712708-502
MAY 45	REV. 8	REV. 8	MAY 45	REV. 1	MAY 45	REV. 11	REV. 11	REV. 11
CG-471193	SC-1		CRV-471199	RBP		CRV-471205	RBP	
OSCILLATOR CHOKO COIL		INDUCTANCE 25 MILLIHENRIES. 3 PI WINDINGS 437 TURNS EA. APPROX. 1311 TOTAL OF #29 ES WIRE. UNIVERSAL WINDING. 33.8 OHMS DC RES.		R.F. GRID SUPPLY CHOKO		R.F. FILTER CHOKO		
5/16/45	K34J-599-1	K34J-599-1	5/18/45	P-712708-507	P-712708-507	INDUCTANCE 11 MICROHENRIES AT 500 KC. FREQ. 3-24 MC. 38 TURNS OF #18 OCC COPPER 0.0403 DIA. WIRE. UNIVERSALLY WOUND. 0.05 OHMS DC RES.		
MAY 45	REV. 1	REV. 1	MAY 45	REV. 1	MAY 45	REV. 11		
CFW-471194	RCT,RCU,RCU-1		CRP-471200	QGA		CRV-471206	RBP	
I.F. TRANSFORMER ASSEMBLY		PRI. AND SEC. TO TUNE OVER FREQ. RANGE OF 430-480 KC WITH 5 MMFD. ADD'L. CAP. ACROSS EACH WINDING. INDUCTANCE OF EA. WINDING AT 1000 CY. APPROX. 710 MILLIHENRIES WITH OTHER COIL SHORTED. MINIMUM Q IS 145 AT 455 KC. MUTUAL INDUCTANCE 5/16/45 CMX:9360178		TRANSFORMER, INPUT OPERATION FROM 100 TO 345 OHMS IMPEDANCE WHEN TWO SECTIONS ARE HOOKED IN PARALLEL. PRI. 1 & 2 RATED 306/306, 32E/32E WIRE, 9/12 OHMS DC RESISTANCE. WHEN PRI. ARE IN SERIES. 21 OHMS DC RESISTANCE. SEC RATED 87 TURNS OF 25E WIRE. 0.65		TRANSFORMER ASSEMBLY FREQ. 50 KC. ASSEMBLY INCLUDES ALUMINUM CAN WITH COVER CONTAINING 1-100 MMF VARIABLE AIR CAPACITOR 1-12 MMF MICA CAP. 1-140 MMF. VARIABLE AIR CAP. 1-1500 MMF. MICA CAP. 1-560 MMF. MICA CAP. 1 COIL WITH M.H. INDUCTANCE. 1 COIL WITH 8.23		
5/16/45		CHX:9360178	5/17/45	CRP:U-7428	CBM:U-1000A-172	5/18/45	T-607806-506	T-607806-506
MAY 45		REV. A	MAY 45	CBM:366 CH	ALT. 3	MAY 45	REV. 2	REV. 2

Class 47—R-F Transformers—Inductors—Chokes

3.47-65

NAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION	NAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION	NAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION
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CRV- 471206  
M.H. INDUCTANCE, 1-50,000, 1-10,000,  
1-1000, 2-5,000, 1-100,000 OHMS COMPOSI-  
TION RESISTORS (N.T.63355).

CRV- 471210  
RESISTORS (N.T.63355).

CDE- 471216 YR  
RF CHOKE  
RATED 9.7 MILLIHENRIES, 1 AMP. CONSISTS  
OF 15 PIES - 50 TURNS PER PIE OF #24 SCE  
CU WIRE.

CRV- 471207 RBP  
1ST. I.F. TRANSFORMER  
ASSEMBLY (1ST STAGE): FREQ. 450 KC. AS-  
SEMBLY INCLUDES ALUMINUM CAN WITH COVER  
CONTAINING 4-100 MHF. VARIABLE AIR CAPA-  
CITORS, 4 COILS EACH HAVING 1.48 MILLI-  
HENRIES INDUCTANCE, AND 1-200,000 OHMS,  
1-50,000 OHMS AND 1-5,000 OHMS COMPOSI-  
5/18/45 T-607806-503 T-607806-503  
MAY 45 REV. 2

CRV- 471211 RBP  
DIODE DRIVER ASSEMBLY  
ASSEMBLY INCLUDES ALUMINUM CAN WITH COV-  
ER CONTAINING 1-100 MHF. VARIABLE AIR  
CAPACITOR, 1-12 MHF, 1-1500 MHF, 1-22  
MHF. MICA CAPACITORS, 1-140 MHF. VARI-  
ABLE AIR CAPACITOR 2 COILS, 1 RATED 10.6  
MILLIHENRIES INDUCTANCE, 1 RATED 2.23  
5/18/45 T-607806-508 T-607806-508  
MAY 45 REV. 2

5/21/45 AC 1793 AC 1793  
MAY 45 REV. B

CAZD- 471217 RDC-1  
I.F. TRANSFORMER ASSEMBLY  
CONSISTS OF 3 COILS, PRI/SEC #1/SEC #2:  
5.9/5.9/0.3 MICROHENRIES INDUCTANCE PRI.  
23 1/2 TURNS #30 S. CEL. E WIRE, SEC #1:  
23 TURNS #30 S. CEL. E WIRE, TAPPED AT  
3/4 TURNS FROM START, TAP CONNECTED TO  
SEC #2: 3 TURNS #30 S. CEL. E WIRE. AS-  
5/23/45 50C177 CHL:50C177-A  
MAY 45

CRV- 471207  
TION RESISTORS (N.T.#63355).

MIL- CRV- 471211  
LIHENRIES INDUCTANCE, 1-65,000 OHMS,  
1-100,000 OHMS, 1-20,000 OHMS COMPOSI-  
TION RESISTORS (N.T.#63355).

CAZD- 471217  
SEMBLY INCLUDES ONE 330 OHM RESISTOR AND  
ONE 0.001 MFD. CAPACITOR, IN SHIELDED  
CAN.

CRV- 471208 RBP  
2ND. I.F. TRANSFORMER  
ASSEMBLY (1ST STAGE): FREQ. 50 KC. AS-  
SEMBLY INCLUDES ALUMINUM CAN WITH COVER  
CONTAINING 2-50 MHF VARIABLE AIR CAPACI-  
TORS, 2-200 MHF. MICA CAPACITORS, 2  
COILS EACH HAVING 18.4 MILLIHENRIES IN-  
DUCTANCE AND 2-50,000 OHMS COMPOSITION  
5/18/45 T-607806-504 T-607806-504  
MAY 45 REV. 2

CRV- 471212 YG  
CHOKE COIL, PLATE  
INDUCTANCE 0.780 MILLIHENRIES, 640-830  
KC, 208 TURNS OF #26 SSC EN. CU, 589" IN  
LENGTH 2.12 OHMS DC RESISTANCE, UNIVER-  
SALLY WOUND, RIGHT HAND.  
\*K874951/G-501 REV. 2, K-874940/P-1 REV.  
2  
5/21/45 K-30042/P-6,  
MAY 45 FIG 3 REV. 11 \*

CAZD- 471218 RCD-1  
I.F. TRANSFORMER ASSEMBLY  
INDUCTANCE PRI./SEC: 6.2/6.2 MICROHEN-  
RIES, PRI. & SEC. EACH 24 1/2 TURNS #30  
S. CEL. E WIRE, ASSEMBLED IN SHIELDED  
CAN WITH TWO 100 MHF. CAPACITORS.  
5/23/45 50C178 CHL:50C178-A  
MAY 45

CRV- 471208  
RESISTORS (N.T.63355).

CRV- 471213 YG  
CHOKE COIL  
INDUCTANCE 5.0 MILLIHENRIES, 640-830 KC,  
475 #26 SSC EN. CU. WIRE, 1600" IN  
LENGTH, 6.17 OHMS DC RESISTANCE, UNIVER-  
SALLY WOUND, RIGHT HAND.  
\*K-874951/G-502 REV. 2, K-874940/P-1  
REV. 2  
5/21/45 K-30042/P-6  
MAY 45 FIG 3 REV. 11 \*

CMX- 471219 RAL-8  
R.F. CHOKE  
INDUCTANCE 5 MICROHENRIES AT 1 VOLT 1000  
CYCLES, 23 TURNS OF #21 EN WIRE, 0.05  
OHMS DC RES., WAX IMPREGNATED.  
5/23/45 CRV:K315300 CMX:XA360150  
MAY 45 REV. 0

CRV- 471209 RBP  
2ND I.F. TRANSFORMER  
ASSEMBLY (2ND STAGE): FREQ. 50 KC. AS-  
SEMBLY INCLUDES ALUMINUM CAN WITH COVER  
CONTAINING 2-50 MHF. VARIABLE AIR CAPA-  
CITORS, 2-200 MHF. MICA CAPACITORS, 2  
COILS HAVING 18.4 MILLIHENRIES INDUC-  
TANCE AND 2-50,000 OHMS COMPOSITION  
5/18/45 T-607806-511 T-607806-511  
MAY 45 REV. 2

CAUX- 471214 RDC-1  
R.F. CHOKE  
INDUCTANCE: 2.5 MILLIHENRIES ± 5%; DIS-  
TRIBUTED CAPACITY 20 MHF. COIL TO BE 4  
EI, UNIVERSALLY WOUND, EQUALLY SPACED,  
#36 SSE WIRE, WOUND ON 1/4" OIA. CERAMIC  
CORE.  
5/22/45 4979 CHL:53A033-B  
MAY 45

CNA- 471220 RDC  
R.F. CHOKE  
RATED 2.5 MILLIHENRIES AT 1000 CPS AND  
ZERO AMPS DC. FOUR PI WINDINGS: EACH,  
230 TURNS #36 E.S. WIRE, 44 OHMS DC RES.  
MAX CURRENT 0.125 AMP.  
5/25/45 SA:2032 J160, REV. 0  
MAY 45

CRV- 471209  
RESISTORS (N.T.63355).

CAZD- 471215 RDC-1  
I.F. TRANSFORMER ASSEMBLY  
CONSISTS OF 3 COILS: PRI/SEC #1/SEC #2:  
5.9/5.9/0.3 MICROHENRIES INDUCTANCE,  
PRI: 23 1/2 TURNS #30 S. CEL. E WIRE.  
SEC. #1: 23 1/2 TURNS #30 S. CEL. E  
WIRE, TAPPED AT 3/4 TURNS, TAP CONNECTED  
IN SERIES WITH SEC. #2: 3 TURNS #30 S.  
5/22/45 50C175 50C175-A  
MAY 45 50C176 50C176-A

CNA- 471221 RDC  
I.F. TRANSFORMER ASSEMBLY  
IMPEDANCE COUPLED TYPE, ONE COIL, RATED  
1.35 MILLIHENRIES; 260 TURNS 10-41 WIRE,  
7.8 OHMS DC RES. TUNED BY 455 KC WITH  
VARIABLE AIR CAPACITOR 6-85 MHF. ASSEM-  
BLED IN METAL CASE WITH A 1000 MHF MICA  
CAPACITOR & A 250 CERAMIC CAPACITOR CON-  
5/25/45 SA:1724 J163, REV. 0  
MAY 45

CRV- 471210 RBP  
2ND I.F. TRANSFORMER  
ASSEMBLY (3RD STAGE): FREQ. 50 KC. AS-  
SEMBLY INCLUDING ALUMINUM CAN WITH COVER  
CONTAINING 2-50 MHF VARIABLE AIR CAPACI-  
TORS, 2-200 MHF. MICA CAPACITORS, 2  
COILS HAVING 18.4 MILLIHENRIES INDUC-  
TANCE AND 2-50,000 OHMS COMPOSITION  
5/18/45 T-607806-505 T-607806-505  
MAY 45 REV. 2

CAZD- 471215  
CEL. E WIRE, ASSEMBLY INCLUDES TWO 100  
MHF. CAPACITORS AND TWO 5.6 OHM RESIS-  
TORS IN SHIELDED CASE.

CNA- 471221  
NECTEO FROM COIL TO 0.5 MEG. RESISTOR.

DATE	MANUFACTURER'S DESIGNATION	MANUFACTURER'S DRAWING NUMBER	ASSIGNED ISSUED	DATE	MANUFACTURER'S DESIGNATION	MANUFACTURER'S DRAWING NUMBER	ASSIGNED ISSUED	DATE	MANUFACTURER'S DESIGNATION	MANUFACTURER'S DRAWING NUMBER
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NAVSHIPS 900,109



Class 47—R-F Transformers—Inductors—Chokes

NAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION	NAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION	NAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION
CNA-471222		ROG I.F. TRANSFORMER ASSEMBLY TWO COILS, EACH RATED 1.35 MILLIHENRIES; 260 TURNS 10-41 WIRE, 7.8 OHMS DC RES. EACH COIL LOADED WITH A 0.1 MEG. SHUNT RESISTOR, & TUNED TO 455 KC WITH VARIABLE AIR CAPACITOR 6-85 MMF. ASSEMBLED IN METAL CAN WITH A 1000 MMF MICA 5/25/45 SA:1726 J161, REV. 0 MAY 45	CFW-471227		SF,SF-1 R.F. CHOKE: INDUCTANCE 10 MILLIHENRIES, 10 PI UNIVERSAL WINDING, TOTAL OF 1950 TURNS OF #34SSE WIRE, 90 OHMS DC RES. 5/25/45 CFW-12434 12434 JUN. 45 CBM-921-4	CRV-471234		MK 26 MOD 314 IF OUTPUT TRANSFORMER: FREQ. RESPONSE 30 MC. PRI RATED 0.01 AMPS, 11 TURNS OF #30E WIRE, 0.05 OHMS DC RES; SEC HAS 1 TURN OF #30E WIRE. INDUCTANCE 0.005 MILLIHENRIES APPROX. MAX IMPREGNATED. 5/29/45 T-621013-504 T-621013-504 JUN. 45 REV. 13
CNA-471222		CAPACITOR.	CADY-471228		OCV MATCHING IMPEDANCE: DEVICE WHICH ENABLES THE CALIBRATION OF THE OCV EQUIPMENT FROM A STANDARD 50 OHM UNBALANCED TYPE OF SIGNAL GENERATOR. 5/26/45 JUN. 45	CRV-471235		MK 26 MOD 314 TRANSFORMER DISCRIMINATOR ASSEMBLY: FREQUENCY 30 MC. ASSEMBLY CONSISTS OF PRI/SEC RATED 0.010/0 AMPS, HAVING 8/11 TURNS OF #30 WIRE, 0.05/0.05 OHMS DC RES. WOUND OVER A PHENOLIC TUBE FORM WITH ALUMINUM CORE. INDUCTANCE APPROX 0.013 MILLIHENRIES. 1-2200 OHMS 5/29/45 T-621013-507 T-621013-507 JUN. 45 REV. 13
CNA-471222-A		ROG I.F. TRANSFORMER ASSEMBLY TWO COILS, EACH RATED 1.35 MILLIHENRIES; 260 TURNS 10-41 WIRE, 7.8 OHMS DC RES. EACH COIL LOADED WITH A 0.1 MEG. SHUNT RESISTOR, & TUNED TO 455 KC WITH VARIABLE AIR CAPACITOR 6-85 MMF. ASSEMBLED IN METAL CAN WITH A 1000 MMF. MICA CAPA- 5/25/45 SA:1725 J164, REV 0 MAY 45	COL-471229		TCH,TCH-1 TRANSFORMER I.F.: CONSISTS OF TWO COILS, ONE CONSISTS OF 76 TURNS OF 7/40 LITZ WIRE, 1.37 OHMS DC RESISTANCE; THE OTHER, 31 TURNS OF #7/40 LITZ WIRE, 0.567 OHMS DC RESISTANCE. 455 KC WITH VARIABLE POWDERED IRON CORE. INCLUDES A CAPACITOR RATED 5/28/45 508195810 503195810 JUN. 45 REV. 0	CRV-471235		MK 26 MOD 314 FIXED COMP. RESISTOR, 2-22000 OHMS 1/2 WATT INSULATED FIXED COMPOSITION RESISTORS (N.T.-65360) 2-10 MMFD. FIXED CERAMIC CAPACITORS (NT-481836). DOUBLE TUNING. IRON CORE. SECONDARY TUNING CAPACITOR IN CAN.
CNA-471222-A		CITOR. SAME AS -471222 EXCEPT HAS A LEAD TO GRID GRIP, & SLIGHTLY LONGER TERMINALS.	COL-471229		1000 MHFD.	CRV-471236		YG PLATE CHOKE COIL: ASSEMBLY CONSISTS OF A COIL WITH RESISTOR (1/4 WATT, 56 OHMS) MOUNTED INSIDE OF THE COIL, CONNECTED IN PARALLEL. COIL RATED 246 MC, 10 TURNS OF #19 COPPER WIRE DC RESISTANCE IS LESS THAN 0.1 OHM. INDUCTANCE, 0.3 MICROHENRIES. 5/29/45 K-875486/C501 JUN. 45 REV 2
CFW-471223		SF, SF-1 R.F. CHOKE INDUCTANCE 1 MILLIHENRY AT 1000 KC WITH 1 MILLIAMPER DC. 260 TURNS OF #36 SSE WIRE, UNIVERSAL WOUND CHOKE MOUNTED ON ISOLANTITE FORM, 10 OHMS DC RES. THOROUGHLY IMPREGNATED. 5/25/45 CFW:SC97A CBM:920-207 MAY 45	CFW-471230		TCH,TCH-1 TRANSFORMER, I.F.: INDUCTANCE 1.05 MILLIHENRIES AT 1000 CPS. PRI: 208 TURNS OF 7/41 SSE LITZ WIRE. SEC: 203 TURNS OF 7/41 LITZ SSE WIRE. FREQUENCY RANGE 435 KD TO 465 KC. VARIABLE IRON CORE. 5/28/45 CFW-6504 COL-278270000 JUN. 45 COL-278270000 REV 0	CG-471237		YG OSCILLATOR COIL: 155 MILLIHENRIES AT 1000 CPS. IN AIR, 4721 TURNS OF #38S WIRE, 530 OHMS DC RESISTANCE. FREQUENCY: 4 KC. 5/29/45 K-433974-3 JUN. 45 REV. 1
CFW-471224		SF, SF-1 R.F. CHOKE: INDUCTANCE 1 MILLIHENRY 4 PI UNIVERSAL WINDING, TOTAL OF 643 TURNS OF #36SSE WIRE TAPPED AT 162,324,486 TURNS, 26.15 OHMS DC RES. 5/25/45 CFW-12432 12432 JUN. 45 CBM-921-1	CG-471231		VC-1,SG-3,SK-2 COIL: ONE COIL OF 788 TURNS OF #32ES WIRE, 25.5 OHMS DC RESISTANCE. 5.7 MILLIHENRIES IN AIR AT 1000 CPS. FREQ: 80 KC. IRON CORE. 5/28/45 K43J560-2 K43J560-2 JUN. 45 REV. 5	CFW-471238		VF R.F. CHOKE: INDUCTANCE 52 MICROHENRIES ±5% MAXIMUM CURRENT 0.025 AMPS, 85 TURNS OF #34E SINGLE NYLON WIRE, WOUND ON PHENOLITE DUMMY RESISTOR FORM, DC RES NEGLIGIBLE. 5/31/45 CRP-92-5303 CRP-92-5303 JUN. 45
CFW-471225		SF,SF-1 R.F. CHOKE: INDUCTANCE 2.5 MILLIHENRIES, 4 PI UNIVERSAL WINDING, TOTAL OF 924 TURNS OF #36SSE WIRE, 33.1 OHMS DC RES. 5/25/45 CFW-12432 12432 JUN. 45 CBM-921-1	CHC-471232		R8G & R8G-2 R.F. CHOKE: INDUCTANCE 10 MILLIHENRIES, 6 PIE WOUND, EACH PIE HAS 350 TURNS OF #36SSE WIRE, 90 OHMS DC RES; MAX IMPREGNATED, WOUND ON CERAMIC FORM. 5/29/45 6244 SKETCH OF 6244 JUN. 45	CHC-471239		R8G,R8G-2 I.F. TRANSFORMER: INDUCTANCE 1.21 MILLIHENRIES WITH CORE IN CENTER OF ADJUSTMENT RANGE. COIL A HAS 207 TURNS OF #10/41 LITZ WIRE. COIL B HAS 3 TURNS OF #30DCC WIRE. IRON DUST CORE MATERIAL. COIL AND COIL FORM MAX IMPREGNATED AND MAX FLASHED DC RES 5/31/45 6248 6002 JUN. 45
CFW-471226		SF,SF-1 R.F. CHOKE: INDUCTANCE 5 MILLIHENRIES, 10 PI UNIVERSAL WINDING, TOTAL OF 1430 TURNS OF #34DSE WIRE, 56 OHMS DC RES. 5/25/45 CFW-12435 12435 JUN. 45 CBM-921-3	CFW-471233		R8G,R8G-2 IF TRANSFORMER ASSEMBLY: FREQUENCY RESPONSE 440 KC -460 KC. CONSISTS OF 2 FIXED SILVER MICA CAPACITORS AND TWO VARIABLE IRON DUST CORE UNIVERSAL WOUND COILS, COILS AND COIL FORMS MAX IMPREGNATED, SHIELD, DOUBLE TUNED, ONE COIL GROUNDED TO CASE. 5/29/45 CHC-6299 CHC-6118 SPEC. 6299 JUN. 45	CHC-471239		NEGLIGIBLE.



Class 47—R-F Transformers—Inductors—Chokes

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NAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION	NAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION	NAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION
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CHC- 471240 R80,R80-2  
 I.F. TRANSFORMER:  
 INDUCTANCE IN AIR 1.38 MILLIHENRYS (WITH  
 CORE IN CENTER OF ADJUSTMENT RANGE). PRI  
 HAS 230 TURNS OF #10/41 LITZ WIRE. SEC  
 HAS 3 TURNS OF #300CC DC RES. NEGLIGIBLE  
 IRON DUST CORE. COIL AND COIL FORM WAX  
 IMPREGNATED AND WAX FLASHED.  
 5/31/45 6247 6001  
 JUN. 45 REV. 0

CFW- 471241 TCK  
 CHOKE:  
 INDUCTANCE: 2 MILLIHENRIES, ONE WINDING  
 OF 352 TURNS OF #28A40 OSE WIRE. DC  
 RESISTANCE IS NEGLIGIBLE.

5/31/45 K-7377090  
 JUN. 45 REV 8

CG- 471242 VC-1  
 OSCILLATOR COIL:  
 53 MILLIHENRIES INDUCTANCE AT 1000 CPS.  
 ONE WINDING OF 2822 TURNS OF #36ES  
 WIRE. 226 OHMS DC RESISTANCE. FREQUENCY  
 16 KC.

5/31/45 K-43J974-2  
 JUN. 45 REV. 1

CG- 471243 VC-1  
 OSCILLATOR COIL:  
 208 MILLIHENRIES INDUCTANCE AT 1000 CPS.  
 ONE WINDING OF 5524 TURNS OF #36ES WIRE  
 615 OHMS DC RESISTANCE. FREQUENCY 1640  
 CPS.

5/31/45 K52J7  
 JUN. 45 REV 1

CHL- 471244 SK1M  
 CHOKE, R.F.:  
 INDUCTANCE 5.3 MILLIHENRIES. 6 WINDINGS,  
 200, 170, 140, 110, 70, 35 TURNS OF #28  
 DSC WIRE.

5/31/45 B-3 CG:K-7897537-P2  
 JUN. 45

900109(A) 472565 dated 4/22/49 LAST ITEM

DATE	MANUFACTURER'S DESIGNATION	MANUFACTURER'S DRAWING NUMBER	ASSIGNED ISSUED	DATE	MANUFACTURER'S DESIGNATION	MANUFACTURER'S DRAWING NUMBER	ASSIGNED ISSUED	DATE	MANUFACTURER'S DESIGNATION	MANUFACTURER'S DRAWING NUMBER
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CONFIDENTIAL

NAVSHIPS 900,109

