

Aircraft Radio Corporation LF/MF/HF Receiver RF Coil Part Numbers							
System Receiver	RF Band (kHz)	IF (kHz)	Ant-RF-LO Z-5	IF 1 Z-1	IF 2 Z-2	IF 3 Z-3	BFO Z-4
RAT	1939 U.S. Navy Liaison Set (paired with RU-11)						
CBY-46083	13500 – 20000	4200	6248	6165	6169	6172	5857
CBY-46084	20000 – 27000	4200	6175	6165	6169	6172	5857
RAT-1	1939 U.S. Navy Liaison Set (paired with RU-12)						
CBY-46108	13500 – 20000	4200	6248	6165	6169	6172	5857
CBY-46109	20000 – 27000	4200	6175	6165	6169	6172	5857
RAV	1940 U.S. Navy Liaison Set						
CBY-46102	190 – 550	85	6184 (1)	4698	7267	4677	5852
CBY-46103	520 – 1500	239	6211	7268	7269	7270	5853
CBY-46104	1500 – 3000	705	6220	7271	7272	7273	5854
CBY-46105	3000 – 6000	1415	6227	7274	7275	7276	5855
CBY-46106	6000 – 9100	2830	6234	7277	7278	7279	5856
CBY-46107	9000 – 13500	4200	6241	6165	6169	6172	5857
CBY-46108	13500 – 20000	4200	6248	6165	6169	6172	5857
CBY-46109	20000 – 27000	4200	6175	6165	6169	6172	5857
ARA	1940 U.S. Navy Command Set						
CBY-, CCT-46129	190 – 550	85	6184 (1)	4698	7267	4677	5852
CBY-, CCT-46145	520 – 1500	239	7975	7268	7269	7270	5853
CBY-, CCT-46104	1500 – 3000	705	6220	7271	7272	7273	5854
CBY-, CCT-46105	3000 – 6000	1415	6227	7274	7275	7276	5855
CBY-, CCT-46106	6000 – 9100	2830	6234	7277	7278	7279	5856
SCR-274-N	1941 U.S. Army Command Set						
BC-453-A, -B	190 – 550	85	6184 (1)	4698	7267	4677	5852
BC-946-B	520 – 1500	239	7975	7268	7269	7270	5853
BC-454-A, -B, -BM (3)	3000 – 6000	1415	6227	7274	7275	7276	5855
BC-455-A, -B, -BM (3)	6000 – 9100	2830	6234	7277	7278	7279	5856
AN/ARC-5	1943 U.S. Navy Command Set						
R-20/ARC-5	1500 – 3000	705	6220	7271	7272	7273	5854
R-21/ARC-5	3000 – 6000	1415	6227	7274	7275	7276	5855
R-22/ARC-5	6000 – 9100	2830	6234	7277	7278	7279	5856
R-23/ARC-5	190 – 550	85	9630 (2)	4698	9641	9642	5852
R-23A/ARC-5	190 – 550	85	9630 (2)	10786	10790	10791	5852
R-24/ARC-5	520 – 1500	239	6211	7268	9635	9634	5853
R-25/ARC-5	1500 – 3000	705	6220	9681	9684	9687	5854
R-26/ARC-5	3000 – 6000	1415	6227	7274	7275	9690	5855
R-27/ARC-5	6000 – 9100	2830	6234	9693	9697	9699	5856
R-148/ARC-5X	190 – 550	85	9630 (2)	10786	10790	10791	5852
A.R.C. Type 11A, 12	1947 General Service						
R-11A (4)	190 – 550	85	12721	12011	12012	12013	No BFO
R-10A	520 – 1500	239	14274	14266	14267	14268	No BFO
R-22	520 – 1500	239	18200	18197	18198	18199	No BFO
(1) RAV part 6184 has a loop antenna winding. ARA and SCR-274-N part 6184 has <u>no</u> loop antenna winding. (2) AN/ARC-5 part 9630 has a loop antenna winding. It is identical to RAV part 6184 , but <u>not</u> to ARA or SCR-274-N part 6184 . (3) BC-454-BM and BC-455-BM are part of AN/CRW-3 for radio control of glide bomb GB-4. (4) R-11A JAN nomenclature is R-510/ARC (14-vdc) or R-511/ARC (28-vdc).							

Aircraft Radio Corporation MF/HF Transmitter RF Coil Part Numbers					
System Transmitter	RF Band (kHz)	Cal Crystal Y-50 (kHz) (1)	Master Oscillator T-53	Power Amplifier T-54	Antenna Loading L-52
ATA	1940 U.S. Navy Command Set				
CBY-, CCT-52232	2100 – 3000	2500	7988	7991	7992
CBY-, CCT-52208	3000 – 4000	3500	6029	7247	6033
CBY-, CCT-52209	4000 – 5300	4600	6030	7248	6034
CBY-, CCT-52210	5300 – 7000	6200	6031	7249	6035
CBY-, CCT-52211	7000 – 9100	8000	6032	7250	6035
SCR-274-N	1941 U.S. Army Command Set				
BC-696-A	3000 – 4000	3500	6029	7247	6033
BC-457-A	4000 – 5300	4600	6030	7248	6034
BC-458-A	5300 – 7000	6200	6031	7249	6035
BC-459-A	7000 – 9100	8000	6032	7250	6035
AN/ARC-5	1943 U.S. Navy Command Set				
T-15/ARC-5	500 – 800	800 (2)	9214	9226	9271
T-16/ARC-5	800 – 1300	1300 (2)	9219	9231	7992
T-17/ARC-5	1300 – 2100	2100 (2)	9223	9234	7992
T-18/ARC-5	2100 – 3000	2604 (2)	7988	9291	7992
T-19/ARC-5	3000 – 4000	3265 (2)	6029	9292	6033
T-20/ARC-5	4000 – 5300	4435 (2)	6030	9293	6034
T-21/ARC-5	5300 – 7000	5505 (2)	6031	9294	6035
T-22/ARC-5	7000 – 9100	8870 (2)	6032	9295	6035
(1) Y-50 Calibration crystal holder: ATA and SCR-274-N part number is 7716 . AN/ARC-5 part number is 7785 . (2) Y-50 Calibration crystal frequency for any particular AN/ARC-5 unit is <u>not</u> standardized. Typical observed frequencies are shown.					

Aircraft Radio Corporation LF/MF/HF Receiver RF Capacitor Part Numbers ⁽¹⁾							
System Receiver	RF Band (kHz)	Ant Series C-1	Ant-RF-LO Gang Tuning C-4A, B, C (Gang), D, E, F, G (Trim)		LO Series C-10	BFO	
						C-26	C-27
RAT	1939 U.S. Navy Liaison Set (paired with RU-11)						
CBY-46083	13500 – 20000	6.5	6558	Delta C = 62	340	100	180
CBY-46084	20000 – 27000	6.5	4609	Delta C = 42	300	100	180
RAT-1	1939 U.S. Navy Liaison Set (paired with RU-12)						
CBY-46108	13500 – 20000	6.5	6558	Delta C = 62	340	100	180
CBY-46109	20000 – 27000	6.5	4609	Delta C = 42	300	100	180
RAV	1940 U.S. Navy Liaison Set						
CBY-46102	190 – 550	11	3936	Delta C = 346	690	200	345
CBY-46103	520 – 1500	11	3936	Delta C = 346	670	100	335
CBY-46104	1500 – 3000	11	4601	Delta C = 147	365	100	180
CBY-46105	3000 – 6000	11	4601	Delta C = 147	365	100	180
CBY-46106	6000 – 9100	8.5	6558	Delta C = 62	240	100	180
CBY-46107	9000 – 13500	6.5	6558	Delta C = 62	240	100	180
CBY-46108	13500 – 20000	6.5	6558	Delta C = 62	340	100	180
CBY-46109	20000 – 27000	6.5	4609	Delta C = 42	300	100	180
ARA	1940 U.S. Navy Command Set						
CBY-, CCT-46129	190 – 550	11	3936	Delta C = 346	690	200	345
CBY-, CCT-46145	520 – 1500	11	3936	Delta C = 346	670	100	335
CBY-, CCT-46104	1500 – 3000	11	4601	Delta C = 147	365	100	180
CBY-, CCT-46105	3000 – 6000	11	4601	Delta C = 147	365	100	180
CBY-, CCT-46106	6000 – 9100	8.5	6558	Delta C = 62	240	100	180
SCR-274-N	1941 U.S. Army Command Set						
BC-453-A, -B	190 – 550	11	3936	Delta C = 346	690	200	345
BC-946-B	520 – 1500	11	3936	Delta C = 346	670	100	335
BC-454-A, -B, -BM ⁽⁴⁾	3000 – 6000	11	4601	Delta C = 147	365	100	180
BC-455-A, -B, -BM ⁽⁴⁾	6000 – 9100	8.5	6558	Delta C = 62	240	100	180
AN/ARC-5	1943 U.S. Navy Command Set						
R-20/ARC-5	1500 – 3000	11	4601	Delta C = 147	365	100	180
R-21/ARC-5	3000 – 6000	11	4601	Delta C = 147	365	100	180
R-22/ARC-5	6000 – 9100	8.5	6558	Delta C = 62	240	100	180
R-23/ARC-5	190 – 550	11	3936	Delta C = 346	690	200	345
R-23A/ARC-5	190 – 550	11	3936	Delta C = 346	690	200	345
R-24/ARC-5	520 – 1500	11	3936	Delta C = 346	670	100	335
R-25/ARC-5	1500 – 3000	11	4601	Delta C = 147	365	100	180
R-26/ARC-5	3000 – 6000	11	4601	Delta C = 147	365	100	180
R-27/ARC-5	6000 – 9100	8.5	6558	Delta C = 62	240	100	180
R-148/ARC-5X	190 – 550	11	3936	Delta C = 346	690	200	345
A.R.C. Type 11A, 12	1947 General Service						
R-11A ⁽⁵⁾	190 – 550	32 ⁽³⁾	12150 ⁽²⁾	Delta C = 346	690	No BFO	
R-10A	520 – 1500	32 ⁽³⁾	12150 ⁽²⁾	Delta C = 346	670	No BFO	
R-22	520 – 1500	32	187?? ⁽²⁾	Delta C = 346	670	No BFO	
⁽¹⁾ Capacitors are shown in pF (picofarad) or as part number.							
⁽²⁾ A.R.C. Type 11A, 12 gang tuning capacitor is C-#04A, B, D (Gang), C, x, E, F (Trim) (Trimmer x is not present).							
⁽³⁾ A.R.C. Type 11A, 12 antenna series capacitor is C-#01 (60 pF) in series with C-#02 (70 pF).							
⁽⁴⁾ BC-454-BM and BC-455-BM are part of AN/CRW-3 for radio control of glide bomb GB-4.							
⁽⁵⁾ R-11A JAN nomenclature is R-510/ARC (14-vdc) or R-511/ARC (28-vdc).							

Aircraft Radio Corporation MF/HF Transmitter RF Capacitor Part Numbers					
System Transmitter	RF Band (kHz)	Master Oscillator		Power Amplifier	
		Tuning C-63 ⁽¹⁾	Padding C-60	Tuning C-65 ⁽¹⁾	Padding C-67
ATA	1940 U.S. Navy Command Set				
CBY-, CCT-52232	2100 – 3000	5032	4990	7321	7324
CBY-, CCT-52208	3000 – 4000	5032	4990	7321	7324
CBY-, CCT-52209	4000 – 5300	5032	4990	7321	7324
CBY-, CCT-52210	5300 – 7000	5032	4990	7321	7324
CBY-, CCT-52211	7000 – 9100	5032	4990	7321	7324
SCR-274-N	1941 U.S. Army Command Set				
BC-696-A	3000 – 4000	5032	4990	7321	7324
BC-457-A	4000 – 5300	5032	4990	7321	7324
BC-458-A	5300 – 7000	5032	4990	7321	7324
BC-459-A	7000 – 9100	5032	4990	7321	7324
AN/ARC-5	1943 U.S. Navy Command Set				
T-15/ARC-5	500 – 800	9251	4990	9238	9263
T-16/ARC-5	800 – 1300	9251	4990	9238	9263
T-17/ARC-5	1300 – 2100	9251	4990	9238	9263
T-18/ARC-5	2100 – 3000	5032	4990	7321	7324
T-19/ARC-5	3000 – 4000	5032	4990	7321	7324
T-20/ARC-5	4000 – 5300	5032	4990	7321	7324
T-21/ARC-5	5300 – 7000	5032	4990	7321	7324
T-22/ARC-5	7000 – 9100	5032	4990	7321	7324
⁽¹⁾ C-63 is ganged with C-65 along with the transmitter frequency dial.					