

APPENDIX 2

LIST OF PRINCIPAL COMPONENTS

The following list of parts is issued for information only. When ordering spares A.P.1086 must be consulted.

CONDENSERS

Circuit Ref.	Capacity	Type	Stores Ref. No.	Remarks
$C_1 + C_{32} + C_{34}$	$2.5 \mu F + 2.5 \mu F + 1.0 \mu F$	892	10C/960	
$C_2 + C_{39}$	$(0.1 \mu F + 0.1 \mu F) + 0.1 \mu F$	1,662	10C/3399	
$C_3 + C_4 + C_5$	$2.5 \mu F + 1.0 \mu F + 2.5 \mu F$	894	10C/962	
C_6	$100 \mu\mu F$	895	10C/963	
C_7	$0.005 \mu F$	2,900	10C/5352	
C_8, C_9	$0.001 \mu F$	2,195	10C/4250	
C_{10}	$0.004 \mu F$	3,376	10C/11140	
C_{11}	$100 \mu\mu F$	895	10C/963	
C_{12}	$0.1 \mu F$	899	10C/967	
C_{13}	$5 \text{ to } 60 \mu\mu F \text{ var.}$	1,525	10C/3129	
C_{14}	$1,600 \mu\mu F$	901	10C/969	Pre-set 2 of $800 \mu\mu F$ in parallel
C_{15}	$4,550 \mu\mu F$	917	10C/2005	
C_{16}	$0.5 \mu F$	902	10C/970	
C_{17}	$100 \mu\mu F$	918	10C/2006	
C_{18}	$0.005 \mu F$	2,900	10C/5352	
C_{19}	$0.001 \mu F$	4,356	10C/13364	
$C_{20} \text{ to } C_{24}$	$0.005 \mu F$	2,900	10C/5352	
C_{25}	$0.001 \mu F$	4,356	10C/13364	
$C_{26} + C_{27} + C_{28}$	$0.1 \mu F + 0.1 \mu F + 0.1 \mu F$	1,662	10C/3399	
$C_{29} + C_{30} + C_{31}$	$0.1 \mu F + 0.1 \mu F + 0.1 \mu F$	1,662	10C/3399	
$C_{32} + C_{33} + C_{35}$	$0.1 \mu F + 0.1 \mu F + 0.1 \mu F$	1,662	10C/3399	
C_{34}	$0.1 \mu F$	899	10C/967	
C_{35}	$200 \mu\mu F$	904	10C/972	
C_{36}	—	—	—	See C_{32}
C_{37}, C_{38}	$0.1 \mu F$	899	10C/967	
C_{39}	—	—	—	See C_7
C_{40}	$0.1 \mu F$	899	10C/967	
$C_{41} + C_{49} + C_{50}$	$0.1 \mu F + 0.1 \mu F + 0.1 \mu F$	1,662	10C/3399	
C_{42}, C_{43}	$25 \mu\mu F$	919	10C/2007	
C_{44}, C_{45}	$240 \mu\mu F$	920	10C/2008	
C_{46}, C_{47}	$80 \mu\mu F$	921	10C/2009	
C_{48}	$200 \mu\mu F$	3,556	10C/11658	
C_{49}, C_{50}	—	—	—	See C_{41}
$C_{51} + C_{52} + C_{53}$	$0.1 \mu F + 0.1 \mu F + 0.1 \mu F$	1,662	10C/3399	
C_{54}	$0.05 \mu F$	3,361	10C/11125	
C_{55}	$0.5 \mu F$	902	10C/970	
C_{56}	$8-105 \mu\mu F \text{ var.}$	1,665	10C/3402	
$C_{57} \text{ to } C_{61}$	$5 \times 4 \text{ to } 40 \mu\mu F \text{ var.}$	—	10C/3173	Condenser unit, type 34
$C_{62} \text{ to } C_{66}$	$5 \times 4 \text{ to } \mu\mu 40 \text{ var.}$	—	10C/3173	Condenser unit, type 34
C_{67}	$0.002 \mu F$	923	10C/2011	
$C_{68} \text{ to } C_{70}$	$3 \times 4 \text{ to } 40 \mu\mu F \text{ var.}$	—	10C/3174	Condenser unit, type 35
C_{71}, C_{72}	$5 \text{ to } 60 \mu\mu F \text{ var.}$	908	10C/976	
C_{73}	$93 \mu\mu F$	2,205	10C/4260	
C_{74}	$255 \mu\mu F$	925	10C/2013	
C_{75}	$537 \mu\mu F$	926	10C/2014	
C_{76}	$1,670 \mu\mu F$	927	10C/2015	
C_{77}	$6,170 \mu\mu F$	928	10C/2016	
C_{78}	$20 \mu\mu F$	429	10C/10948	
C_{79}	$15 \mu\mu F$	910	10C/978	
C_{80}	$25 \mu\mu F$	1,439	10C/3027	
C_{81}	$15 \mu\mu F$	910	10C/978	
$C_{82} + C_{83} + C_{84}$	—	4,597 or 1,440	10C/13984 10C/3028	Variable 3-gang, with scale to suit R.1155L and N only Other versions

CONDENSERS—Contd.

Circuit Ref.	Capacity	Type	Stores Ref. No.	Remarks
C ₈₅ to C ₈₈	300 $\mu\mu\text{F}$	929	10C/2017	
C ₈₉	600 $\mu\mu\text{F}$	903	10C/971	
C ₉₀	300 $\mu\mu\text{F}$	929	10C/2017	
C ₉₁	40 $\mu\mu\text{F}$	4,688	10C/14211	
C ₉₂	—	—	—	See C ₁
C ₉₃	4 μF	911	10C/979	
C ₉₄	—	—	—	See C ₁
C ₉₅	0.5 μF	902	10C/970	
C ₉₆	0.02 μF	3,360	10C/11124	
C ₉₇ , C ₉₈	2.2 $\mu\mu\text{F}$ or 2 $\mu\mu\text{F}$	4,939	10C/14719	
C ₉₉	100 $\mu\mu\text{F}$	or 913	10C/2001	
C ₁₀₀	200 $\mu\mu\text{F}$	918	10C/2006	
C ₁₀₁	4 $\mu\mu\text{F}$ or 3.9 $\mu\mu\text{F}$	3,556	10C/11658	
C ₁₀₂	0.001 μF	914	10C/2002	
C ₁₀₃	0.005 μF	or 4,955	10C/14757	
C ₁₀₄	75 $\mu\mu\text{F}$ var.	4,356	10C/13364	
C ₁₀₅	0.1 μF	2,900	10C/5352	
C ₁₀₆	65 $\mu\mu\text{F}$	900	10C/968	In plug, type 209
C ₁₀₇	0.1 μF	3,362	10C/11126	
C ₁₀₈	200 $\mu\mu\text{F}$	1,265	10C/2649	In plug, type 209
C ₁₀₉	100 $\mu\mu\text{F}$	3,381	10C/11157	
C ₁₁₀	40 $\mu\mu\text{F}$	904	10C/972	
C ₁₁₁	8 $\mu\mu\text{F}$	2,685	10C/4995	} Preferred
C ₁₁₂	30 $\mu\mu\text{F}$	or 611	10C/96	
C ₁₁₃ , C ₁₁₄	160 $\mu\mu\text{F}$	4,688	10C/14211	
C ₁₁₅	300 $\mu\mu\text{F}$	1,729	10C/3503	
C ₁₁₆	1,320 $\mu\mu\text{F}$	2,612	10C/4922	
		1,474	10C/4923	
		925	10C/3064	
			10C/2013	R.1155L and N

RESISTORS

Circuit Ref.	Resistance in ohms	Type	Stores Ref. No.	Remarks
R ₁	2,000	1,001	10W/1001	4,700 ohms in some receivers
R ₂ , R ₃	1,200	1,002	10W/1002	
R ₄	120	1,003	10W/1003	
R ₅	1,000	500	10W/11667	
R ₆	1,500	592	10W/124	
R ₇	270	860	10W/860	
R ₈₍₁₎	50,000	1,000	10W/1000	} Dual potentiometer
R ₈₍₂₎	500,000			
R ₉	2,000,000	1,004	10W/1004	
R ₁₀ , R ₁₁	150,000	478	10W/11382	
R ₁₂	27,000	1,005	10W/1005	
R ₁₃	1,000,000	480	10W/11384	
R ₁₄	1,000	500	10W/11667	
R ₁₅	30,000	1,007	10W/1007	
R ₁₆	27,000	1,006	10W/1006	
R ₁₇	1,500	1,082	10W/1082	
R ₁₈	10,000	906	10W/777	
R ₁₉ , R ₂₀	56,000	1,008	10W/1008	
R ₂₁	470,000	989	10W/989	
R ₂₂	1,000	500	10W/11667	Variable 6,000 to 20,000 ohms or may be resistance unit 10W/12616 (14,000 ohms vari- able plus 6,000 ohms in series) in some receivers
R ₂₃	20,000	998	10W/998	
R ₂₄ , R ₂₅	22,000	1,010	10W/1010	
R ₂₆	100,000	993	10W/993	
R ₂₇	27,000	1,006	10W/1006	
R ₂₈	22,000	1,010	10W/1010	
R ₂₉	100,000	993	10W/993	
R ₃₀	2,200	875	10W/691	
R ₃₁	27,000	1,006	10W/1006	

RESISTORS—Contd.

Circuit Ref.	Resistance in ohms	Type	Stores Ref. No.	Remarks
R ₃₂	22,000	1,010	10W/1010	
R ₃₃	100,000	993	10W/993	
R ₃₄	2,200	875	10W/691	
R ₃₅	22,000	1,278	10W/1278	
R ₃₆	27,000	1,006	10W/1006	
R ₃₇	22,000	1,010	10W/1010	
R ₃₈	100,000	993	10W/993	
R ₃₉	56,000	1,008	10W/1008	
R ₄₀ , R ₄₁	1,500	1,082	10W/1082	
R ₄₂	2,200	875	10W/691	
R ₄₃	27,000	1,006	10W/1006	
R ₄₄	22,000	1,010	10W/1010	
R ₄₅	100,000	993	10W/993	
R ₄₆	1,500	1,082	10W/1082	
R ₄₇	27,000	1,006	10W/1006	
R ₄₈	3,300	1,464	10W/1464	6,800 ohms in some receivers
R ₄₉	27,000	1,006	10W/1006	
R ₅₀	3,300	1,464	10W/1464	6,800 ohms in some receivers
R ₅₁	20,000	999	10W/999	Variable
R ₅₂	6,800	991	10W/991	
R ₅₃	560,000	992	10W/992	
R ₅₄ , R ₅₅	56,000	1,008	10W/1008	
R ₅₆	240	995	10W/995	
R ₅₇	560,000	992	10W/992	
R ₅₈	2,200	875	10W/691	
R ₅₉ , R ₆₀	220,000	855	10W/648	
R ₆₁	1,200	6,492	10W/6492	
R ₆₂ , R ₆₃	2,200	996	10W/996	
R ₆₄	200 or 100	1,634 918	10W/1634 10W/2006	R ₆₄ is 100 ohms when R ₆₃ is fitted
R ₆₅ , R ₆₆	10,000	505	10W/11671	
R ₆₇	22,000	1,010	10W/1010	
R ₆₈	56,000	1,008	10W/1008	Not always fitted
R ₆₉	100	918	10W/2006	
R ₇₀	1,000	500	10W/11667	
R ₇₁	150,000	7,373	10W/7373	
R ₇₂	68	8,076	10W/8076	
R ₇₃	470	2,760	10W/9507	R.1155L and N
R ₇₄	150	1,931	10W/1931	R.1155L and N

OTHER COMPONENTS

Circuit Ref.	Nomenclature	Stores Ref. No.	Remarks
COILS, CHOKES, etc.			
L ₁	Coil, Dummy Loop	10D/1644	
L ₂	Coil, Aerial, Range 1	10D/1643	
L ₃	Coil, Aerial, Range 2	10D/955	
L ₄	Coil, D.F., Range 3	10D/161	
L ₅	Coil, D.F., Range 4	10D/162	
L ₆	Coil, D.F., Range 5	10D/163	
L ₇	Coil, Anode, Range 1	10D/1635	
L ₈	Coil, Anode, Range 2	10D/1636	
L ₉	Coil, Anode, Range 3	10D/1637	
L ₁₀	Coil, Anode, Range 4	10D/1638	
L ₁₁	Coil, Anode, Range 5	10D/953	
L ₁₂	Coil, Filter, I.F.	10D/957	
L ₁₃	Coil, Oscillator, Range 1	10D/958	
L ₁₄	Coil, Oscillator, Range 2	10D/1639	
L ₁₅	Coil, Oscillator, Range 3	10D/1640	
L ₁₆	Coil, Oscillator, Range 4	10D/1641	
L ₁₇	Coil, Oscillator, Range 5	10D/1642	

OTHER COMPONENTS—Contd.

Circuit Ref.	Nomenclature	Stores Ref. No.	Remarks
L ₁₈	Coil, Oscillator Choke, Ranges 1 and 2	10D/1645	
L ₁₉	Transformer, Type 130	10K/12136	1st I.F.
L ₂₀	Transformer, Type 366	10K/251	2nd I.F.
L ₂₁	Transformer, Type 131	10K/12137	3rd I.F.
L ₂₂	Inductance, Type 507	10C/5920	
L ₂₃	Transformer, Type 132	10K/12138	
L ₂₄	Choke, H.F., Type 71	10C/583	
L ₂₅	Choke, H.F., Type 94	10C/2186	
L ₂₆	Choke, H.F., Type 83	10C/2019	
L ₂₇	Choke, H.F., Type 83	10C/2019	
L ₂₈	Choke, H.F., Type 83	10C/2019	
L ₂₉	Choke, A.F.	—	
L ₃₀	Transformer, Type 133	10K/12139	
L ₃₁	Filter Unit, Type 46	10P/13007	Unit includes C ₁₁₁
L ₃₂	Inductance, Type 394	10C/4839	Part of Filter Unit, Type 45
L ₃₃	Inductance, Type 393	10C/4838	Part of Filter Unit, Type 71
L ₄₀	Coil, Aerial, Range 2A	10D/2031	R.1155L and N
L ₄₁	Coil, Anode, Range 2A	10D/2032	R.1155L and N
L ₄₂	Coil, Oscillator, Range 2A	10D/2033	R.1155L and N
FILTER UNITS			
HFC ₁	} Filter Unit, Type 66	10P/13046	
HFC ₂			
HFC ₃			
HFC ₄			
HFC ₅	Filter Unit, Type 65	10P/13045	
HFC ₆	Filter Unit, Type 67	10P/13047	
L ₃₂ , C ₁₁₄	Filter Unit, Type 67	10P/13047	
L ₃₁ , C ₁₁₁	Filter Unit, Type 45	10P/13006	Anode rejector
L ₃₃ , C ₁₁₃	Filter Unit, Type 46	10P/13007	Anode acceptor
	Filter Unit, Type 76	10P/13058	Grid rejector
SWITCHES			
FS wf, FS wr	Switch, Type 370	10F/156	Aerial wafer
FS xf, FS xr	Switch, Type 371	10F/157	Loop aerial
FS yf, FS yr	Switch, Type 369	10F/155	Anode wafer
FS zf, FS zr	Switch, Type 368	10F/154	Oscillator wafer
M.S.	Switch, Type 234	10F/158	Master switch
S ₁ , S ₄ , S ₅	Switch, Type 152	10F/10338	
S ₂	Switch, Type 235	10F/159	Meter deflection
S ₃	Switch, Type 239	10F/163	Aural sense