

23 February 1955
Temporary Correction T-1
to Instruction Book for
Radio Receiving Sets
AN/SRR-11, AN/SRR-12, AN/SRR-13
NAVSHIPS 91875(A)

1. On page 1-5 in TABLE 1-1 under RADIO RECEIVING SET AN/SRR-11 change the following:

(a) Change ITEM 1 DESCRIPTION to read, "Radio Receiver including tubes and crystal in place".

(b) Change ITEM 1 DESIGNATION from "AN/SRR-11 to "R-439/SRR-11".

2. On page 1-5 in TABLE 1-1 under RADIO RECEIVING SET AN/SRR-12, 13 change the following:

(a) Change ITEM 1 DESCRIPTION to read, "Radio Receiver including tubes and crystal in place".

(b) Change ITEM 1 DESIGNATION from "AN/SRR-12" to "R-440/SRR-12" and "AN/SRR-13" to "R-441/SRR-13."

3. On page 1-7 in TABLE 1-4 add "F1" to TYPE OF EMISSION RECEIVED for the AN/SRR-12.

4. On page 2-6 in paragraph 2d(3) change the following:

(a) In line 4, change "S551A" to "S551B".

(b) In line 23, change "S551B" to "S551A".

(c) In line 24, change "unusual" to "unused".

5. On page 2-8 in paragraph 2g(2) change the following:

(a) In line 5, change "on bands 2, 3, and 5" to "on bands 1, 2, and 3".

(b) In line 6, change "60 kilocycles" to "1600-kilocycles".

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- (c) In line 13, change "140-kilocycles" to "1400-kilocycles".
 - (d) In line 19, change "140-kc" to "1400-kilocycles".
 - (e) In line 20, change "60-kc" to "1600-kilocycles".
6. On page 2-9 in paragraph 2g(3) change the following:
- (a) In line 5, change "140-kilocycles" to "1400-kilocycles".
 - (b) In line 11, change "140-kilocycles" to "1400-kilocycles".
7. On page 2-10 in paragraph 2h(1) change the following:
- (a) In line 7, change "FSK, A1 BROAD, or A1 SHARP," to "FSK, A1 BROAD, A1 SHARP, or A3 SHARP".
 - (b) In line 11, change "A2 and A3 SHARP", to "A2 and A3 BROAD".
 - (c) Delete the rest of this paragraph starting with the sentence on the 13th line.
8. On page 2-7 in paragraph 2d(3) in the 30th line, change "band 5" to "band 4 and 5".
9. On page 2-12 in paragraph 2h(7) in the 19th line, change "200 or 1600kc" to "600 ohms".
10. On page 2-16 in Figure 2-6 make the following additions:
- (a) Add a resistor (R1402, 2.2k) between the REG. B+ and the junction point of C1407 and R1403.
 - (b) Add a capacitor (C1405, 0.1 MF) between ground and the junction point of R1402 and R1403.
11. On page 2-17 in Figure 2-7 insert the following:
- (a) Insert a resistor (R1507, 12) in the line between C1508 and the plate of V1501.
12. On page 2-23, 2-24 in Figure 2-9, delete the broad filter "Z1003" for serial no. receivers from 574 to 935.
13. On page 2-25, 2-26 in Figure 2-10, delete the broad filter "Z1003" for serial no. receivers from 574 to 935.

14. On page 3-10 in paragraph 3k, change the heading from "DUAL DIVERSITY OPERATION" to "DUAL DIVERSITY OPERATION (A3)"

15. On page 3-11 in paragraph 3k, delete last sentence within the top paragraph.

16. On page 3-12, change paragraph 3l to 3m and insert the following paragraph 3l.

1. DUAL DIVERSITY OPERATION (FSK). -

(1) Set link positions as described in paragraph 3k of this section.

(2) Set the RECEPTION control to FSK.

(3) Refer to NAVSHIPS 91339 (Instruction Book for Frequency Shift Converter-Comparator Group AN/URA-8 and Frequency Shift Converter CV-60/URR) for operation of AN/SRR-12 or -13 receivers in FSK dual diversity.

17. On page 7-60 make the following additions and changes:

(a) Add the following to paragraph 10a:

"Set LAMPS switch to the SPARE position

(b) Add the following to paragraph 11a:

"Set CAL ADJUST to the ZERO position."

18. On page 7-61 make the following additions and changes:

(a) In the second sentence of paragraph 13a(1) after the word counterclockwise, add "(with the rotor section of the wafer switch facing the viewer)".

(b) In the second sentence of paragraph 13a(2) after the word clockwise, add "(with the rotor section of the wafer switch facing the viewer)".

19. On page 7-64 in fourth sentence of paragraph 14b(15), insert "1-f" between 1st and output.

20. On page 7-75 in TABLE 7-10 in the second column change "(kc)" to "(mc)".

21. AN/SRR-13 Radio Receiving Sets starting with serial no. 874 and up have the following change:

(a) The local oscillator (V601) will use a type "5718" tube instead of a type "5840" tube.

(b) Anywhere the instruction book refers the local oscillator (V601) to a type "5840" tube, change the tube type to "5718".

22. In Radio Receiver AN/SRR-13 serial no. 181 and up change capacitor C564 to an "18 mmf value, Type CC20CH100C".

23. In Radio Receiver AN/SRR-13 up to serial no. 175, use resistor "R1110". For serial no. 176 and up, and in all AN/SRR-11 and AN/SRR-12 it is deleted and replaced by a direct connection.

24. On page 4-5, 5-1 in the first line of paragraph 2a(1) change "3-ampere" to "1-ampere Slo-Blo".

25. On page 5-2 in 7th line of paragraph 2b(3) change "OPERATE" to "ON".

26. On page 7-11 in step (3) of paragraph 3e change "133 kc" to "0.5 mc" and "0.5 mc" to "4 mc".

27. On page 7-12 in step (6) of paragraph 3g change "(A1302)" to "(Z1302)" and "BFO stage (Z1302)" to "BFO-MIXER (Z1010)".

28. On page 7-19 in the upper table change "7- " to "7-17".

29. On page 7-19 in the table at the bottom of the page, make the following additions and changes:

(a) Add the following input level voltages for the respective locations listed.

INPUT	
LOCATION	LEVEL μ VOLTS*
Z701-A	2870
Z701-A	950
J701-A	18,000
V151-1(mixer)	100

(b) Change the footnote "*Not available at time of printing." to read "*R-F voltage measured with electronic multimeter and r-f probe (item 2 of Table 7-1)."

30. On page 7-21 make the following additions and changes:

(a) Change "Reception: A1 SHARP" to read "Reception: A1 BROAD".

(b) In the UNIT column delete "Frame". In the subsequent columns, delete the two lines pertaining to the "Frame", namely:

"14	E255	(0db)6mw	O.M."
"14	J264-A4	(0db)6mw	O.M."

- (c) In the INPUT LOCATION column make the following changes:
 change "E152" to read "E152 (gang)"
 change "E127" to read "E127 (gang)"
 change "E102" to read "E102 or V101-1"
 change "J252-B" to read "J102-N"

- (d) Add the following input level voltages for the respective locations listed:

INPUT	
LOCATION	LEVEL u VOLTS*
E152	65
E152	135
E127 (gang)	44
E102 or V101-1	2.4
J102-N	0.95
J1707	3.2

- (e) In the OUTPUT LOCATION column make the following changes:

change "J254-K" to read "V151-4"
 delete "J153-B"
 delete "V151-4"
 change "J202-K" to read "E202"
 change "J202-L" to read "J202-K"
 change "V201-5" to read "J202-L"
 change "V201-1" to read "V201-5"
 change "E203" to read "V201-1"

- (f) Add the following output levels for the respective locations listed:

OUTPUT	
LEVEL	LOCATION
4.5**	V151-4
7.5**	E202
9.0**	J202-K
6.0**	J202-L
6.0**	V201-5
9.0**	V201-1

- (g) Below the table change "*Not' available at time of printing." to read "*R-f voltage measured with electronic multimeter and r-f probe

(item 2 of Table 7-1)."

(h) Add the following footnote:

" **R-f voltage measured with electronic multimeter and r-f probe (item 2 of Table 7-1). Values given in volts".

(i) In NOTE 2 change "390-ohm resistor" to read "Antenna Simulator SM-35/URM-25".

(j) Add the following NOTE:

"5. Antenna links in high-impedance position.

31. On page 7-22 make the following additions and changes:

(a) Change "Reception: A1 SHARP" to read "Reception: A1 BROAD".

(b) In the UNIT column delete "Frame". In the subsequent columns, delete the two lines pertaining to the "Frame", namely:

"30	E255	(0db)6mw	O.M."
"30	J264-A4	(0db)6mw	O.M."

(c) In the FREQUENCY KC column change the frequency of "30" to "29".

(d) Change "DIAL SETTING 30 KC" to read "DIAL SETTING 29 KC".

(e) In the INPUT LOCATION column make the following changes:
change "E152" to read "E152 (gang)"
change "E127" to read "E127(gang)"
change "J252-B" to read "J102-N"

(f) Add the following input level voltages for the respective locations listed:

INPUT	
LOCATION	LEVEL u VOLTS*
E152	145
E152	500
E127(gang)	130
E102	36
J102-N	9
J1707	2

(g) In the OUTPUT LOCATION column make the following changes:

change "J254-K" to read "V151-4"
 delete "J153-B"
 delete "V151-4"
 change "E203" to read "E202"

(h) Add the following output levels for the respective locations listed:

OUTPUT	
LEVEL	LOCATION
4.5**	V151-4
10.0**	E202
9.5**	J202-K
9.5**	J202-L
6.0**	V201-5
9.0**	V201-1

(i) Below the table change "* Not available at time of printing" to read "R-f voltage measured with electronic multimeter and r-f probe (item 2 of Table 7-1)".

(j) Add the following footnote:

"**R-f voltage measured with electronic multimeter and r-f probe (item 2 of Table 7-1). Values given in volts".

(k) In NOTE 2 change "390-ohm resistor" to read "Antenna Simulator SM-35/URM-25".

(l) Add the following NOTE:

"5. Antenna links in high-impedance position."

32. On page 7-23 make the following additions and changes:

(a) Change "Reception: A1 SHARP" to read "Reception: A1 BROAD".

(b) In the UNIT column delete "Frame". In the subsequent columns, delete the two lines pertaining to the "Frame", namely:

"30	E255	(0db) 6mw	O.M."
"30	J264-A4	(0db) 6mw	O.M."

(c) In the INPUT LOCATION column make the following changes:
 change "E152" to read "E152(gang)"
 change "E127" to read "E127(gang)"
 change "J252-B" to read "J102-N"

(d) Add the following input level voltages for the respective locations listed:

INPUT	
LOCATION	LEVEL u VOLTS*
E152	380
E152	1100
E127(gang)	240
E102	16
J102-N	3.4
J1707	2.6

(e) In the OUTPUT LOCATION column make the following changes:

change "J254-K" to read "V151-4"
 delete "J153-B"
 delete "V151-4"
 change "E203" to read "E202"

(f) Add the following output levels for the respective locations listed:

OUTPUT	
LEVEL	LOCATION
4.2**	V151-4
9.5**	E202
10.0**	J202-K
10.0**	J202-L
4.8**	V201-5
9.0**	V201-1

(g) Below the table change "*Not available at time of printing" to read "*R-f voltage measured with electronic multimeter and r-f probe (item 2 of Table 7-1)".

(h) Add the following footnote:

" *R-f voltage measured with electronic multimeter and r-f probe (item 2 of Table 7-1). Values given in volts".

(i) In NOTE 2 change "390-ohm resistor" to read "Antenna Simulator SM-35/URM-25".

(j) Add the following NOTE:

"5. Antenna links in high-impedance position."

33. On page 7-24 make the following additions and changes:

(a) Change "Reception: A1 SHARP" to read "Reception: A1 BROAD".

(b) In the UNIT column delete "Frame". In the subsequent columns, delete the two lines pertaining to the "Frame", namely:

"63	E255	(Odb)6mw	O.M."
"63	J264-A4	(Odb)6mw	O.M."

(c) In the INPUT LOCATION column make the following changes:
 change "E152" to read "E152(gang)"
 change "E127" to read "E127(gang)"
 change "J252-B" to read "J102-N"

(d) Add the following input level voltages for the respective locations listed:

INPUT	
LOCATION	LEVEL u VOLTS*
E152	300
E152	750
E127(gang)	90
E102	24
J102-N	5.4
J1707	2.1

(e) In the OUTPUT LOCATION column make the following changes:

change "J254-K" to read "V151-4"
 delete "J153-B"
 delete "V151-4"
 change "E203" to read "E202"

(f) Add the following output levels for the respective locations listed:

OUTPUT	
LEVEL	LOCATION
4.0**	V151-4
3.0**	E202
8.4**	J202-K
10.5**	J202-L
4.4**	V201-5
9.0**	V201-1

(g) Below the table change "*Not available at time of printing" to read "**R-f voltage measured with electronic multimeter and r-f probe (item 2 of Table 7-1)".

(h) Add the following footnote:

"**R-f voltage measured with electronic multimeter and r-f probe (item 2 of Table 7-1). Values given in volts".

(i) In NOTE 2 change "390-ohm resistor" to read "Antenna Simulator SM-35/URM-25".

(j) Add the following NOTE:

"5. Antenna links in high-impedance position."

34. On page 7-25 make the following additions and changes:

(a) Change "Reception: A1 SHARP" to read "Reception: A1 BROAD".

(b) In the UNIT column delete "Frame". In the subsequent columns, delete the two lines pertaining to the "Frame", namely:

"63	E255	(0db)6mw	O.M."
"63	J264-A4	(0db)6mw	O.M."

(c) In the INPUT LOCATION column make the following changes:
change "E152" to read "E152(gang)"
change "E127" to read "E127(gang)"
change "J252-B" to read "J102-N"

(d) Add the following input level voltages for the respective locations listed:

INPUT	
LOCATION	LEVEL u VOLTS*
E152	135
E152	320
E127(gang)	160
E102	12.5
J102-N	2.5
J1707	3.2

(e) In the OUTPUT LOCATION column make the following changes:

change "J254-K" to read "V151-4"
delete "J153-B"
delete "V151-4"
change "E203" to "E202"

(f) Add the following output levels for the respective locations listed:

OUTPUT	
LEVEL	LOCATION
4.0**	V151-4
15**	E202
12**	J202-K
11.5**	J202-L
4.5**	V201-5
9.5**	V201-1

(g) Below the table change "*Not available at time of printing" to read "*R-f voltage measured with electronic multimeter and r-f probe (item 2 of Table 7-1)".

(h) Add the following footnote:

"**R-f voltage measured with electronic multimeter and r-f probe (item 2 of Table 7-1). Values given in volts."

(i) In NOTE 2 change "390-ohm resistor" to read "Antenna Simulator SM-35/URM-25".

(j) Add the following NOTE:

"5. Antenna links in high-impedance position."

35. On page 7-26 make the following additions and changes:

(a) Change "Reception: A1 SHARP" to read "Reception: A1 BROAD".

(b) In the UNIT column delete "Frame". In the subsequent columns, delete the two lines pertaining to the "Frame", namely:

"133	E255	(Odb)6mw	O.M."
"133	J264-A4	(Odb)6mw	O.M."

(c) In the INPUT LOCATION column make the following changes:

change "E152" to read "E152(gang)"
 change "E127" to read "E127(gang)"
 change "J252-B" to read "J102-N"

(d) Add the following input level voltages for the respective locations listed:

INPUT	
LOCATION	LEVEL u VOLTS*
E152	650
E152	420
E127(gang)	120
E102	24
J102-N	4.4
J1707	2.1

(e) In the OUTPUT LOCATION column make the following changes:

change "J254-K" to read "V151-4"
delete "J153-B"
delete "V151-4"
change "E203" to read "E202"

(f) Add the following output levels for the respective locations listed:

OUTPUT	
LEVEL	LOCATION
4.0**	V151-4
37**	E202
12**	J202-K
12.5**	J202-L
4.0**	V201-5
10**	V201-1

(g) Below the table change "*Not available at time of printing" to read "*R-f voltage measured with electronic multimeter and r-f probe (item 2 of Table 7-1)".

(h) Add the following footnote:

"**R-f voltage measured with electronic multimeter and r-f probe (item 2 to Table 7-1)".

(i) In NOTE 2 change "390-ohm resistor" to read "Antenna Simulator SM-35/URM-25".

(j) Add the following NOTE"

"5. Antenna links in high-impedance position."

36. On page 7-27 make the following additions and changes:

(a) Change "Reception: A1 SHARP" to read "Reception: A1 BROAD".

(b) In the UNIT column delete "Frame". In the subsequent columns delete the two lines pertaining to the "Frame", namely:

"133	E255	(0db)6mw	O.M."
"133	J264-A4	(0db)6mw	O.M."

(c) In the INPUT LOCATION column make the following changes:
change "E152" to read "E152(gang)"
change "E127" to read "E127(gang)"
change "J252-B" to read "J102-N"

(d) Add the following input level voltages for the respective locations listed:

INPUT	
LOCATION	LEVEL u VOLTS*
E152	120
E152	340
E127(gang)	80
E102	13
J102-N	3.0
J1707	2.2

(e) In the OUTPUT LOCATION column make the following changes:

change "J254-K" to read "V151-4"
delete "J153-B"
delete "V151-4"
change "E203" to read "E202"

(f) Add the following output levels for the respective locations listed:

OUTPUT	
LEVEL	LOCATION
4.5**	V151-4
10**	E202
10.5**	J202-K
9.0**	J202-L
5.0**	V201-5
8.5**	V201-1

(g) Below the table change "*Not available at time of printing" to read "*R-f voltage measured with electronic multimeter and r-f probe (item 2 of Table 7-1)".

(h) Add the following footnote:

"**R-f voltage measured with electronic multimeter and r-f probe (item 2 of Table 7-1). Values given in volts."

(i) In NOTE 2 change "390-ohm resistor" to read "Antenna Simulator SM-35/URM-25".

(j) Add the following NOTE:

"5. Antenna links in high-impedance position."

37. On page 7-28 make the following additions and changes:

(a) Change "Reception: A1 SHARP" to read "Reception: A1 BROAD".

(b) In the UNIT column delete "Frame". In the subsequent columns, delete the two lines pertaining to the "Frame", namely:

"283	E255	(Odb)6mw	O.M."
"283	J264-A4	(Odb)6mw	O.M."

(c) In the INPUT LOCATION column make the following changes:
change "E152" to read "E152(gang)"
change "E127" to read "E127(gang)"
change "J252-B" to read "J102-N"

(d) Add the following input level voltages for the respective locations listed:

INPUT	
LOCATION	LEVEL u VOLTS*
E152	70
E152	140
E127(gang)	22
E102	13
J102-N	3.0
J1707	1.6

(e) In the OUTPUT LOCATION column make the following changes:

change "J254-K" to read "V151-4"
delete "J153-B"

delete "V151-4"
change "E203" to read "E202"

(f) Add the following output levels for the respective locations listed:

OUTPUT	
LEVEL	LOCATION
4.2**	V151-4
20**	E202
11**	J202-K
10.5**	J202-L
4.5**	V201-5
9.5**	V201-1

(g) Below the table change "*Not available at time of printing" to read "*R-f voltage measured with electronic multimeter and r-f probe (item 2 of Table 7-1)".

(h) Add the following footnote:

"*R-f voltage measured with electronic multimeter and r-f probe (item 2 of Table 7-1). Values given in volts."

(i) In NOTE 2 change "390-ohm resistor" to read "Antenna Simulator SM-35/URM-25".

(j) Add the following NOTE:

"5. Antenna links in high-impedance position."

38. On page 7-29 make the following additions and changes:

(a) Change "Reception: A1 SHARP" to read "Reception: A1 BROAD".

(b) In the UNIT column delete "Frame". In the subsequent columns, delete the two lines pertaining to the "Frame", namely:

"283	E255	(Odb) 6mw	O.M."
"283	J264-A4	(Odb) 6mw	O.M."

(c) In the INPUT LOCATION column make the following changes:
change "E152" to read "E152(gang)"
change "E127" to read "E127(gang)"
change "J252-B" to read "J102-N"

(d) Add the following input level voltages for the respective locations listed:

INPUT	
LOCATION	LEVEL u VOLTS*
E152	240
E152	430
E127(gang)	110
E102	16
J102-N	3.0
J1707	2.8

(e) In the OUTPUT LOCATION column make the following changes:

change "J254-K" to read "V151-4"
delete "J153-B"
delete "V151-4"
change "E203" to read "E202"

(f) Add the following output levels for respective locations listed:

OUTPUT	
LEVEL	LOCATION
4.0**	V151-4
16**	E202
9.5**	J202-K
6.0**	J202-L
4.0**	V201-5
7.0**	V201-1

(g) Below the table change "*Not available at time of printing" to read "**R-f voltage measured with electronic multimeter and r-f probe (item 2 of Table 7-1). Values given in volts".

(h) Add the following footnote:

"**R-f voltage measured with electronic multimeter and r-f probe (item 2 of Table 7-1). Values given in volts".

(i) In NOTE 2 change "390-ohm resistor" to read "Antenna Simulator SM-35/URM-25".

(j) Add the following NOTE:

"5. Antenna links in high-impedance position."

39. On page 7-30 make the following additions and changes:

(a) Change "Reception: A1 SHARP" to read "Reception: A1 BROAD"

(b) In the UNIT column delete "Frame". In the subsequent columns, delete the two lines pertaining to the "Frame", namely:

"600	E255	(Odb)6mw	O.M."
"600	J264-A4	(Odb)6mw	O.M."

(c) In the INPUT LOCATION column make the following changes:
change "E152" to read "E152(gang)"
change "E127" to read "E127(gang)"
change "J252-B" to read "J102-N"

(d) Add the following input level voltages for the respective locations listed:

INPUT	
LOCATION	LEVEL u VOLTS*
E152	75
E152	155
E127(gang)	21
E102	9.0
J102-N	2.0
J1707	1.6

(e) In the OUTPUT LOCATION column make the following changes:

change "J254-K" to read "V151-4"
delete "J153-B"
delete "V151-4"
change "E203" to read "E202"

(f) Add the following output levels for the respective locations listed:

OUTPUT	
LEVEL	LOCATION
3.5**	V151-4
50**	E202
11**	J202-K
10.5**	J202-L
3.5**	V201-5
9.0**	V201-1

(g) Below the table change "*Not available at time of printing." to read "*R-f voltage measured with electronic multimeter and r-f probe (item 2 of Table 7-1)."

(h) Add the following footnote:

"*R-f voltage measured with electronic multimeter and r-f probe (item 2 of Table 7-1). Values given in volts."

(i) In NOTE 2 change "390-ohm resistor" to read "Antenna Simulator SM-35/URM-25".

(j) Add the following NOTE:

"5. Antenna links in high-impedance position."

40. On page 7-31 make the following additions and changes:

(a) Change "Reception: A1 SHARP" to read "Reception: A1 BROAD".

(b) In the UNIT column delete "Frame". In the subsequent columns, delete the two lines pertaining to the "Frame", namely:

"0.250	E455	6mw	O.M."
"0.250	J464-A4	6mw	O.M."

(c) In the FREQUENCY MC column delete the second "0.250" reading.

(d) In the INPUT LOCATION column make the following changes:

delete the third "E352"
change "E327" to read "E327 or J327-K"
change "E302" to read "E302 or J302-K"
change "J452-B" to read "J452-B or O301-4"

(e) Add the following input level voltages for the respective locations listed:

INPUT	
LOCATION	LEVEL u VOLTS*
E352	270
E352	520
E327 or J327-K	94
E302 or J302-K	37
E303	20
J452-B or O301-4	8.8
J1807	8.8

(f) In the OUTPUT LOCATION column make the following changes:

change "J464-A3" to read "J353-B"
delete "J454-F"
delete "J353-E"
delete "J454-K"
delete "J353-B"
delete "V351-4"

(g) Add the following output levels for the respective locations listed:

OUTPUT	
LEVEL	LOCATION
6.0**	J353-B
50**	E402
39**	J402-K
23**	J402-L
32**	V401-1

(h) Below the table change "*Not available at time of printing." to read "*R-f voltage measured with electronic multimeter and r-f probe (item 2 of Table 7-1)."

(i) Add the following footnote:

"*R-f voltage measured with electronic multimeter and r-f probe (item 2 of Table 7-1). Values given in volts."

(j) In NOTE 2 change "390-ohm resistor" to read "Antenna Simulator SM-35/URM-25".

(k) Add the following NOTE:

"5. Antenna links in high-impedance position."

41. On page 7-32 make the following additions and changes:

(a) Change "Reception: A1 SHARP" to read "Reception: A1 BROAD".

(b) In the UNIT column delete "Frame". In the subsequent columns, delete the two lines pertaining to the "Frame", namely:

"0.50	E455	6mw	O.M."
"0.50	J464-A4	6mw	O.M."

(c) In the FREQUENCY MC column delete the second "0.50" reading.

(d) In the INPUT LOCATION column make the following changes:

delete the third "E352"
change "E327" to read "E327 or J327-K"
change "E302" to read "E302 or J302-K"
change "J452-B" to read "J452-B or 0301-4"

(e) Add the following input level voltages for the respective locations listed:

INPUT	
LOCATION	LEVEL u VOLTS*
E352	370
E352	410
E327 or J327-K	240
E302 or J302-K	63
E303	57
J452-B or 0301-4	3.8
J1807	5.0

(f) In the OUTPUT LOCATION column make the following changes:

change "J464-A3" to read "J353-B"
delete "J454-F"
delete "J353-E"
delete "J454-K"
delete "J353-B"
delete "V351-4"

(g) Add the following output levels for the respective location listed:

OUTPUT	
LEVEL	LOCATION
5.5**	J353-B
88**	E402
48**	J402-K
26**	J402-L
40**	V401-1

(h) Below the table change "*Not available at time of printing." to read "*R-f voltage measured with electronic multimeter and r-f probe (item 2 of Table 7-1)."

(i) Add the following footnote:

"** R-f voltage measured with electronic multimeter and r-f probe (item 2 of Table 7-1). Values given in volts."

(j) In NOTE 2 change "390-ohm resistor" to read "Antenna Simulator SM-35/URM-25".

(k) Add the following NOTE:

"5. Antenna links in high-impedance position."

42. On page 7-33 make the following additions and changes:

(a) Change "Reception: A1 SHARP" to read "Reception: A1 BROAD".

(b) In the UNIT column delete "Frame". In the subsequent columns, delete the two lines pertaining to the "Frame", namely:

"0.50	E455	6mw	O.M."
"0.50	J464-A4	6mw	O.M."

(c) In the FREQUENCY MC column delete the second "0.50" reading.

(d) In the INPUT LOCATION column make the following changes:

delete the third "E352"
change "E327" to read "E327 or J327-K"
change "E302" to read "E302 or J302-K"
change "J452-B" to read "J452-B or O301-4"

(e) Add the following input level voltages for the respective locations listed:

INPUT	
LOCATION	LEVEL u VOLTS*
E352	320
E352	520
E327 or J327-K	92
E302 or J302-K	23
E303	24
J452-B or O301-4	2.7
J1807	2.6

(f) In the OUTPUT LOCATION column make the following changes:

change "J464-A3" to read "J353-B"

delete "J454-F"
 delete "J353-E"
 delete "J454-K"
 delete "J353-B"
 delete "V351-4"

(g) Add the following output levels for the respective locations listed:

OUTPUT	
LEVEL	LOCATION
6.9**	J353-B
54**	E402
33**	J402-K
19**	J402-L
27**	V401-1

(h) Below the table change "*Not available at time of printing." to read "*R-f voltage measured with electronic multi-meter and r-f probe (item 2 of Table 7-1)".

(i) Add the following footnote:

"**R-f voltage measured with electronic multimeter and r-f probe (item 2 of Table 7-1). Values given in volts."

(j) In NOTE 2 change "390-ohm resistor" to read "Antenna Simulator SM-35/URM-25".

(k) Add the following NOTE:

"5. Antenna links in high-impedance position."

43. On page 7-34 make the following additions and changes:

(a) Change "Reception: A1 SHARP" to read "Reception: A1 BROAD".

(b) In the UNIT column delete "Frame". In the subsequent columns, delete the two lines pertaining to the "Frame", namely:

"1.0	E455	6mw	O.M."
"1.0	J464-A4	6mw	O.M."

(c) In the FREQUENCY MC column delete the second "1.0" reading.

(d) In the INPUT LOCATION column make the following changes:

delete the third "E352"
 change "E327" to read "E327 or J327-K"
 change "E302" to read "E302 or J302-K"
 change "J452-B" to read "J452-B or O301-4"

(e) Add the following input level voltages for the respective locations listed:

INPUT	
LOCATION	LEVEL u VOLTS*
E352	400
E352	620
E327 or J327-K	220
E302 or J302-K	32
E303	24
J452-B or O301-4	1.9
J1807	1.8

(f) In the OUTPUT LOCATION column make the following changes:

change "J464-A3" to read "J353-B"
 delete "J454-F"
 delete "J353-E"
 delete "J454-K"
 delete "J353-B"
 delete "V351-4"

(g) Add the following output levels for the respective locations listed:

OUTPUT	
LEVEL	LOCATION
5.8**	J353-B
75**	E402
36**	J402-K
18**	J402-E
30**	V401-1

(h) Below the table change "*Not available at time of printing." to read "*R-f voltage measured with electronic multimeter and r-f probe (item 2 of Table 7-1)."

(i) Add the following footnote:

"**R-f voltage measured with electronic multimeter and r-f probe (item 2 of Table 7-1). Values given in volts."

(j) In NOTE 2 change "390-ohm resistor" to read "Antenna Simulator SM-35/URM-25".

(k) Add the following NOTE:

"5. Antenna links in high-impedance position."

44. On page 7-35 make the following additions and changes:

(a) Change "Reception: A1 SHARP" to read "Reception: A1 BROAD".

(b) In the UNIT column delete "Frame". In the subsequent columns, delete the two lines pertaining to the "Frame", namely:

"1.0	E455	6mw	O.M."
"1.0	J464-A4	6mw	O.M."

(c) In the FREQUENCY MC column delete the second "1.0" reading.

(d) In the INPUT LOCATION column make the following changes:

delete the third "E352"
change "E327" to read "E327 or J327-K"
change "E302" to read "E302 or J302-K"
change "J452-B" to read "J452-B or O301-4"

(e) Add the following input level voltages for the respective locations listed:

INPUT	
LOCATION	LEVEL μ VOLTS*
E352	102
E352	140
E327 or J327-K	60
E302 or J302-K	11
E303	13
J452-B or O301-4	2.7
J1807	2.1

(f) In the OUTPUT LOCATION column make the following changes:

change "J464-A3" to read "J353-B"

delete "J454-F"
 delete "J353-E"
 delete "J454-K"
 delete "J353-B"
 delete "V351-4"

(g) Add the following output levels for the respective locations listed:

OUTPUT	
LEVEL	LOCATION
8.2**	J353-B
29**	E402
14**	J402-K
5.4**	J402-L
12**	V401-1

(h) Below the table change "*Not available at time of printing" to read "*R-f voltage measured with electronic multimeter and r-f probe (item 2 of Table 7-1)".

(i) Add the following footnote:

"**R-f voltage measured with electronic multimeter and r-f probe (item 2 of Table 7-1). Values given in volts."

(j) In NOTE 2 change "390-ohm resistor" to read "Antenna Simulator SM-35/URM-25".

(k) Add the following NOTE:

"5. Antenna links in high-impedance position."

45. On page 7-36 make the following additions and changes:

(a) Change "Reception: A1 SHARP" to read "Reception: A1 BROAD".

(b) In the UNIT column delete "Frame". In the subsequent columns, delete the two lines pertaining to the "Frame", namely:

"2.0	E455	6mw	O.M."
"2.0	J464-A4	6mw	O.M."

(c) In the FREQUENCY MC column delete the second "2.0" reading

(d) In the INPUT LOCATION column make the following changes:

delete the third "E352"

change "E327" to read "E327 or J327-K"
 change "E302" to read "E302 or J302-K"
 change "J452-B" to read "J452-B or 0301-4"

(e) Add the following input level voltages for the respective locations listed:

INPUT	
LOCATION	LEVEL u VOLTS*
E352	90
E352	113
E327 or J327-K	112
E302 or J302-K	14
E303	16
J452-B or 0301-4	2.8
J1807	1.8

(f) In the OUTPUT LOCATION column make the following changes:

change "J464-A3" to read "J353-B"
 delete "J454-F"
 delete "J353-E"
 delete "J454-K"
 delete "J353-B"
 delete "V351-4"

(g) Add the following output levels for the respective locations listed:

OUTPUT	
LEVEL	LOCATION
6.8**	J353-B
40**	E402
14**	J402-K
4.7**	J402-L
15**	V401-1

(h) Below the table change "*Not available at time of printing" to read "*R-f voltage measured with electronic multimeter and r-f probe (item 2 of Table 7-1)".

(i) Add the following footnote:

"*R-f voltage measured with electronic multimeter and

r-f probe (item 2 of Table 7-1). Values given in volts."

(j) In NOTE 2 change "390-ohm resistor" to read "Antenna Simulator SM-35/URM-25".

(k) Add the following NOTE:

"5. Antenna links in high-impedance position."

46. On page 7-37 make the following additions and changes:

(a) Change "Reception: A1 SHARP" to read "Reception: A1 BROAD".

(b) In the UNIT column delete "Frame". In the subsequent columns, delete the two lines pertaining to the "Frame", namely:

"2.0	E455	6mw	O.M."
"2.0	J464-A4	6mw	O.M."

(c) In the FREQUENCY MC column delete the second "2.0" reading.

(d) In the INPUT LOCATION column make the following changes:

delete the third "E352"
change "E327" to read "E327 or J327-K"
change "E302" to read "E302 or J302-K"
change "J452-B" to read "J452-B or 0301-4"

(e) Add the following input level voltages for the respective locations listed:

INPUT	
LOCATION	LEVEL u VOLTS*
E352	175
E352	140
E327 or J327-K	46
E302 or J302-K	8.6
E303	7.7
J452-B or 0301-4	3.3
J1807	2.4

(f) In the OUTPUT LOCATION column make the following changes:

change "J464-A3" to read "J353-B"
delete "J454-F"
delete "J353-E"

delete "J454-K"
delete "J353-B"
delete "V351-4"

(g) Add the following output levels for the respective locations listed:

OUTPUT	
LEVEL	LOCATION
5.0**	J353-B
11**	E402
7.5**	J402-K
4.3**	J402-L
5.8**	V401-1

(h) Below the table change "**Not available at time of printing" to read "**R-f voltage measured with electronic multimeter and r-f probe (item 2 of Table 7-1)".

(i) Add the following footnote:

"**R-f voltage measured with electronic multimeter and r-f probe (item 2 of Table 7-1). Values given in volts."

(j) In NOTE 2 change "390-ohm resistor" to read "Antenna Simulator SM-35/URM-25".

(k) Add the following NOTE:

"5. Antenna links in high-impedance position."

47. On page 7-38 make the following additions and changes:

(a) Change "Reception: A1 SHARP" to read "Reception: A1 BROAD".

(b) In the UNIT column delete "Frame". In the subsequent columns, delete the two lines pertaining to the "Frame", namely:

"4.0	E455	6mw	O.M."
"4.0	J464-A4	6mw	O.M."

(c) In the FREQUENCY MC column delete the second "4.0" reading.

(d) In the INPUT LOCATION column make the following changes:

delete the third "E352"
change "E327" to read "E327 or J327-K"

change "E302" to read "E302 or J302-K"
 change "J452-B" to read "J452-B or 0301-4"

(e) Add the following input level voltages for the respective locations listed:

INPUT	
LOCATION	LEVEL u VOLTS*
E352	220
E352	310
E327 or J327-K	140
E302 or J302-K	13
E303	6.6
J452-B or 0301-4	3.2
J1807	1.8

(f) In the OUTPUT LOCATION column make the following changes:

change "J464-A3" to read "J353-B"
 delete "J454-F"
 delete "J353-E"
 delete "J454-K"
 delete "J353-B"
 delete "V351-4"

(g) Add the following output levels for the respective locations listed:

OUTPUT	
LEVEL	LOCATION
3.7**	J353-B
24**	E402
12**	J402-K
6.0**	J402-L
9.5**	V401-1

(h) Below the table change "**Not available at time of printing" to read "**R-f voltage measured with electronic multimeter and r-f probe (item 2 of Table 7-1)".

(i) Add the following footnote:

***R-f voltage measured with electronic multimeter and

r-f probe (item 2 of Table 7-1). Values given in volts."

(j) In NOTE 2 change "390-ohm resistor" to read "Antenna Simulator SM-35/URM-25".

(k) Add the following NOTE:

"5. Antenna links in high-impedance position."

48. On page 7-39 make the following additions and changes:

(a) Change "Reception: A1 SHARP" to read "Reception: A1 BROAD".

(b) In the UNIT column delete "Frame". In the subsequent columns, delete the two lines pertaining to the "Frame", namely:

"4.0	E455	6mw	O.M."
"4.0	J464-A4	6mw	O.M."

(c) In the FREQUENCY MC column delete the second "4.0" reading.

(d) In the INPUT LOCATION column make the following changes:

delete the third "E352"
change "E327" to read "E327 or J327-K"
change "E302" to read "E302 or J302-K"
change "J452-B" to read "J452 or O301-4"

(e) Add the following input level voltages for the respective locations listed:

INPUT	
LOCATION	LEVEL u VOLTS*
E352	180
E352	240
E327 or J327-K	34
E302 or J302-K	6.2
E303	4.9
J452-B or O301-4	3.0
J1807	1.6

(f) In the OUTPUT LOCATION column make the following changes:

change "J464-A3" to read "J353-B"
 delete "J454-F"
 delete "J353-E"
 delete "J454-K"
 delete "J353-B"
 delete "V351-4"

(g) Add the following output levels for the respective locations listed:

OUTPUT	
LEVEL	LOCATION
3.8**	J353-B
10.2**	E402
6.2**	J402-K
2.5**	J402-L
5.0**	V401-1

(h) Below the table change "*Not available at time of printing" to read "*R-f voltage measured with electronic multimeter and r-f probe (item 2 of Table 7-1)."

(i) Add the following footnote:

"**R-f voltage measured with electronic multimeter and r-f probe (item 2 of Table 7-1). Values given in volts."

(j) In NOTE 2 change "390-ohm resistor" to read "Antenna Simulator SM-35/URM-25".

(k) Add the following NOTE:

"5. Antenna links in high-impedance position."

49. On page 7-40 make the following additions and changes:

(a) Change "Reception: A1 SHARP" to read "Reception: A1 BROAD".

(b) In the UNIT column delete "Frame". In the subsequent columns, delete the two lines pertaining to the "Frame", namely:

"8.0	E455	6mw	O.M."
"8.0	J464-A4	6mw	O.M."

(c) In the FREQUENCY IMC column delete the second "8.0" reading.

(d) In the INPUT LOCATION column make the following changes:

delete the third "E352"
change "E327" to read "E327 or J327-K"
change "E302" to read "E302 or J302-K"
change "J452-B" to read "J452-B or O301-4"

(e) Add the following input level voltages for the respective locations listed:

INPUT	
LOCATION	LEVEL in VOLTS*
E352	300
E352	480
E327 or J327-K	180
E302 or J302-K	12
E303	7.3
J452-B or O301-4	4.4
J1807	1.5

(f) In the OUTPUT LOCATION column make the following changes:

change "J164-A3" to read "J353-B"
delete "J454-F"
delete "J353-E"
delete "J454-K"
delete "J353-B"
delete "V351-4"

(g) Add the following output levels for the respective locations listed:

OUTPUT	
LEVEL	LOCATION
2.5**	J353-B
18**	E402
10.5**	J402-K
4.5**	J402-L
8.5**	V401-1

(h) Below the table change "**Not available at time of

printing" to read "*R-f voltage measured with electronic multimeter and r-f probe (item 2 of Table 7-1)."

(i) Add the following footnote:

"**R-f voltage measured with electronic multimeter and r-f probe (item 2 of Table 7-1). Values given in volts."

(j) In NOTE 2 change "390-ohm resistor" to read "Antenna Simulator SM-35/URM-25".

(k) Add the following NOTE:

"5. Antenna links in high-impedance position."

50. On page 7-41 make the following changes:

(a) Change "Reception: A1 SHARP" to read "Reception: A1 BROAD".

(b) Add the following NOTE:

"5. Antenna links in high-impedance position."

51. On page 7-42 make the following changes;

(a) Change "Reception: A1 SHARP" to read "Reception: A1 BROAD".

(b) Add the following NOTE:

"5. Antenna links in high-impedance position."

52. On page 7-43 make the following changes:

(a) Change "Reception: A1 SHARP" to read "Reception: A1 BROAD".

(b) Add the following NOTE:

"5. Antenna links in high-impedance position."

53. On page 7-44 make the following changes:

(a) Change "Reception: A1 SHARP" to read "Reception: A1 BROAD".

(b) Add the following NOTE:

"5. Antenna links in high-impedance position".

54. On page 7-45 make the following changes:
- (a) Change "Reception: A1 SHARP" to read "Reception: A1 BROAD".
 - (b) Add the following NOTE:
"5. Antenna links in high-impedance position."
55. On page 7-46 make the following changes:
- (a) Change "Reception: A1 SHARP" to read "Reception: A1 BROAD".
 - (b) Add the following NOTE:
"5. Antenna links in high-impedance position".
56. On page 7-47 make the following changes:
- (a) Change "Reception: A1 SHARP" to read "Reception: A1 BROAD".
 - (b) Add the following NOTE:
"5. Antenna links in high-impedance position."
57. On page 7-48 make the following changes:
- (a) Change "Reception: A1 SHARP" to read "Reception: A1 BROAD".
 - (b) Add the following NOTE:
"5. Antenna links in high-impedance position."
58. On page 7-49 make the following changes:
- (a) Change "Reception" A1 SHARP to read "Reception: A1 BROAD".
 - (b) Add the following NOTE:
"5. Antenna links in high-impedance position".
59. On page 7-50 make the following changes:
- (a) Change "Reception: A1 SHARP" to read "Reception: A1 BROAD".
 - (b) Add the following NOTE:
"5. Antenna links in high-impedance position."
60. On page 7-51 make the following additions:
- (a) In the OUTPUT LOCATION column of the upper table, insert "Z1402-A"

below "J1401-C".

(b) Add the following output levels for the respective locations listed:

OUTPUT	
LOCATION	LEVEL R-F VOLTS
Z1501-A	1.2
Z1501-H	9.0
Z1501-J	1.1
V1501-8	25
Z1502-J	4.2
V1502-8	24
Z1401-A	15
Z1401-J	6.0 peak to peak
Z1401-H	0.06 peak to peak
Z1401-B	0.06 peak to peak
J1401-E	3.0
V1401-8	6.0 peak to peak
Z1401-C	3.0
J1401-C	7.0 peak to peak
Z1402-A	0.75 peak to peak

61. Anywhere the mention of Signal Generator AN/URM-25 is found in the text, tables, or drawings of this instruction book, add an asterisk (*) behind AN/URM-25 and refer it to the following footnote:

(a) *Order the appropriate Impedance Adapter, Antenna Simulator, and Test Leads with the different series of AN/URM-25 Signal Generator. Each model of AN/URM-25 Signal Generator is designed to be operated with its own Impedance Adaptor, Antenna Simulator, and Test Leads. Order these attachments as required for each individual model of AN/URM-25.

62. On page 7-177, 7-178 in Figure 7-53, for serial no. 874 and up, make the following changes:

- (a) In TOP view, NOTE 4 should apply to pins 2, 4, and 7 of V601.
- (b) NOTE 4 should read "LEADS 2, 4, and 7 of V601 CUT OFF CLOSE TO BASE".
- (c) In TOP view, change "lead no. 16" from "pin 2" to "pin 5".
- (d) Delete "lead No. 20" in TOP view.
- (e) In TOP view, change lead of R602 from "terminal no. 7" to "terminal no. 5".
- (f) In BOTTOM view, delete lead between "terminals no. 5 and 7".

TABLE 8-4

Page 8-3

- A-261 - Add in Stock No. column - Shop Manufacture Locally
- A-262 - Add in Stock No. column - Shop Manufacture Locally
- A-459 - Change SNSN to N17-C-650001-784
- A-460 - Delete * from Stock No. column and add Shop Manufacture Locally

Page 8-4

- A-661 - Add in Stock No. column - Shop Manufacture Locally
- Add A-1003 - SNSN - N16-C-650001-876
 - Desc. - COVER; CABLE: aluminum alloy, satin etch and clear water dip finish; 3-7/8" lg x 3-5/32" wd x 15/32" h o/a; mts by 3 integral mtg bkts provided w/0.250" diam hole which accommodated #6-32 x 9/16" machine screws; RCA part/dwg B-462150-501
 - Function - Shields Chassis Wiring
- Change A-1003 thru A-1300 Not Used to A-1004 thru A-1101 Not Used
- Add A-1102 - Desc. - PLATE: brass, white nickel plate finish; rectangular shape; 9/16" lg x 0.312" wd x 0.0907" thk o/a; 1 central mtg hole 0.128" diam for screw; for use on Audio Unit Assembly; RCA part/dwg A-8812294-1
 - Function - Acts as Washer for Mounting S-1101
- Add A-1103 thru A-1300 Not Used

Page 8-5

- A-1701 - Delete * from Stock No. column and add Shop Manufacture Locally

Page 8-6

- A-3708 - Change Desc. to - COVER: aluminum alloy, optical black; rectangular shape; 3-1/8" lg x 1-5/64" wd x 0.110" thk o/a; mts by two keyhole shape 0.296" wd x 0.398" lg holes spaced 2.625" c to c, 3/4" up from flanged edge; marked I-3701, I-3702, X-3701, and X-3702; lower edge bent on a 1/32" radius to form 5/64" lg flange; RCA part/dwg A-8821403-2
- A-3808 - Change Desc. to - COVER: aluminum alloy, optical black; rectangular shape; 3-1/8" lg x 1-5/64" wd x 0.110" thk o/a; mts by two keyhole shape 0.296" wd x 0.398" lg holes spaced 2.625" c to c, 3/4" up from flanged edge; marked I-3801, I-3802, X-3801, and X-3802; lower edge bent on a 1/32" radius to form 5/64" lg flange; RCA part/dwg A-8821403-3

Page 8-8

- C-142 - Change SNSN to N16-C-99999-1130
Change Desc. to - CAPACITOR, FIXED: paper dielectric; one sect; 100,000 mmf p/m 20%; 200 vdcw; HS metal case; 7/8" lg x 0.400" diam less term; two axial wire lead term one on ea end; vitamin Q impr; no int gnd connections; term mtd; marked w/-cap, tol, rated working v, and mfr's name; oper temp range -55° C to +85° C; Sprague Elect Co. Cat #91P10402S2; RCA part/dwg C-737816-233
- C-162 - Add SNSN - N16-C-45803-1984
Change Desc. to - CAPACITOR, FIXED: paper dielectric; one sect; 100,000 mmf p/m 20%; 200 vdcw; HS metal case; 13/16" lg x 0.400" diam less term; two wire lead term, one on ea end; one term glass seal insulated, one term gnd to case; vitamin Q impr; int gnd; term mtd; oper temp range -55° C to +85° C; RCA part/dwg C-737816-553

Page 8-9

- C-214 - Add SNSN - N16-C-16053-1401
- C-219 - Change Desc. to - CAPACITOR, FIXED: mica dielectric; 120 mmf p/m 1%; 500 vdcw; temp coef 0 to +40 parts/million/deg C; molded thermosetting material completely enclosing all elements; 33/64" lg x 19/64" wd x 7/32" d; two axial wire lead term, 1-1/8" lg; one on ea end; term mtd; color coded; cap. drift shall not exceed 0.05% ±0.1 mmf; marked w/ RCA part/dwg no.; moisture proof sealing; for general purpose use; RCA part/dwg B-465842-7

Page 8-10

- C-225 - Change Desc. to - Same as C-162
- C-301 - Delete entire item and mark "Not Used"
- C-304 - Delete entire item and mark "Not Used"

Page 8-11

- C-307 - Delete entire item and mark "Not Used"
- C-310 - Delete entire item and mark "Not Used"
- C-311 - Add ANSN - N16-C-26020-7691
Change Desc. to - CAPACITOR, FIXED: mica dielectric; 10 mmf p/m 5%; 500 vdcw; temp coef 1tr C; molded low loss bakelite case; 33/64" lg x 19/64" wd x 7/32" h; two axial wire lead term, one on ea end; term mtd; color coded; RCA part/dwg C-748252-310
- C-313 - Delete entire item and mark "Not Used"

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Page 8-11 (continued)

- C-314 - Add SNSN - N16-C-99999-0041
Change Desc. to - CAPACITOR, FIXED: mica dielectric;
18 mmf p/m 5%; 500 vdcw; temp coef
ltr C; molded low loss bakelite
case; 33/64" lg x 19/64" wd x
7/32" h; two axial wire lead term,
one on ea end; term mtd; color
coded; RCA part/dwg C-748252-313
- C-316 - Delete SNSN
Change Desc. to - Same as C-311
- C-317 - Change Desc. to - Same as C-311
- C-325 - Change Desc. to - Same as C-311 ...
- C-330 - Delete entire item and mark "Not Used"
- C-332 - Delete entire item and mark "Not Used"
- C-334 - Delete entire item and mark "Not Used"

Page 8-12

- C-336 - Delete entire item and mark "Not Used"
- Add C-343 - Desc. - Same as C-305
Function - Compensator RF Coils
- Change C-343 thru C-351 Not Used to C-344 thru C-351 Not Used
- C-353 - Change Desc. to - Same as C-311
- C-356 - Change Desc. to - Same as C-311
- C-359 - Change Desc. to - Same as C-311
- C-362 - Change Desc. to - Same as C-311
- C-364 - Add SNSN - N16-C-27360-8529
Change Desc. to - CAPACITOR, FIXED: mica dielectric;
39 mmf p/m 2%; 500 vdcw; temp coef
ltr E; molded low loss bakelite
case; 33/64" lg x 19/64" wd x
7/32" h; two axial wire lead term,
one on ea end; term mtd; color
coded; RCA part/dwg C-737837-421

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- C-406 - Change Desc. to - CAPACITOR, FIXED: ceramic dielectric;
27 mmf p/m 2%; 300 vdcw; temp coef
NPO tol p/m 15 mmf; uninsulated;
0.460" lg x 0.230" diam; two radial
wire lead term, 1-1/4" lg; term
mtd; polystyrene lacquer coated,
color coded, marked w/ RCA part/dwg
number; for general purpose use;
RCA part/dwg C-748269-7
- C-417 - Change Desc. to - Same as C-318
Add Function - Compensating Capacitor, L-403

Page 8-12 (continued)

C-423 - Add SNSN - N16-C-26838-5145

Change Desc. to - CAPACITOR, FIXED: mica dielectric;
22 mmf p/m 5%; 500 vdcw; temp coef
ltr E; molded low loss bakelite
case; 33/64" lg x 19/64" wd x
7/32" h; two axial wire lead term, one
on ea end; term mtd; color coded;
RCA part/dwg C-737837-315. P/o
Z-401

Page 8-14

C-452 - Change Desc. to - CAPACITOR, FIXED: mica dielectric;
JAN type CML5E271G; 270 mmf p/m
2%; 500 vdcw; temp coef ltr E;
molded low loss bakelite case;
33/64" lg x 19/64" wd x 7/32" d;
two axial wire lead term, one on
ea end; term mtd; color coded;
spec JAN-C-5; RCA part/dwg
C-737837-441

Add Function - Tunes T-451 Primary

C-461 - Change Desc. to - Same as C-302

Add Function - Input Coupling for Type II Calibrator

Change C-461 thru C-500 Not Used to C462 thru C500 Not Used

Page 8-15

C-506 - Add SNSN - N16-C-25528-5428

C-512 - Add SNSN - N16-C-15978-6001

Change Desc. to - CAPACITOR, FIXED: ceramic dielectric;
JAN type CC20CH150G; 15 mmf p/m 2%;
temp coef 0 (tol /60 -112) mmf/mf/
deg C; 500 vdcw; 0.400" lg x 0.200"
diam; two radial wire lead term;
term mtd; ceramic ins; color coded;
spec JAN-C-20; RCA part/dwg
P-722401-65

C-515 - Change Desc. to - Same as C-512

C-516 - Change Desc. to - Same as C-512

C-517 - Change Desc. to - Same as C-512

Page 8-16

C-533 - Add SNSN - N16-C-15624-4628

C-538 - Change Desc. to - Same as C-311

Add Function - Fixed Trimmer, T-528 Secondary

C-542 - Change Desc. to - Same as C-311

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Page 8-17

C-563 - Add SNSN - N16-C-26732-9439

C-564 - Add SNSN - N16-C-16043-9128

Change Desc. to - CAPACITOR, FIXED: ceramic dielectric;
JAN type CC20CH180G; 18 mmf p/m 2%; 500 vdcw;
temp coef 0 mmf/mf /°C tol p/m 60 parts/
million; uninsulated; 0.400" lg x
0.200" diam; two radial wire lead term,
1/4" lg; term mtd; color coded; spec
JAN-C-20; RCA part/dwg P-722401-66

C-607 - Change Desc. to - Same as C-416

Page 8-18

C-618 - Change Desc. to - Same as C-206

C-621 - Add SNSN - N16-C-26442-8169

Change Desc. to - CAPACITOR, FIXED: mica dielectric;
15 mmf p/m 5%; 500 vdcw; temp coef 1tr
C; molded low loss bakelite case; 33/64"
lg x 19/64" wd x 7/32" h; two axial
wire lead term, one on ea end; term mtd;
color coded; RCA part/dwg C-748252-312.
P/o Z-601

C-626 - Delete entire item and mark "Not Used"

C-627 - Delete entire item and mark "Not Used"

Change C-628 thru C-630 Not Used to C-626 thru C-630 Not Used

Page 8-19

C-657 - Change Desc. to - Same as C-323

C-658 - Change Desc. to - Same as C-323

C-659 - Change Desc. to - Same as C-323

C-716 - Change Desc. to - Same as C-314

C-722 - Change Desc. to - Same as C-621

C-810 - Change Desc. to - Same as C-711

Page 8-20

C-813 - Add SNSN - N16-C-27181-4341

Change Desc. to CAPACITOR, FIXED: mica dielectric; 33 mmf
p/m 5%; 500 vdcw; temp coef 1tr E; molded
low loss bakelite case; 33/64" lg x 19/64"
wd x 7/32" h; two axial wire lead term,
one on ea end; term mtd; color coded; RCA
part/dwg C-737837-319

C-817 - Change Desc. to - Same as C-321

Add C-821 - Desc. - Same as C-814

Function - With C-816, Tunes T-801 Primary

Add C-822 - Desc. - Same as C-321

Function - Plate Supply Filtering, V-801

Change C-821 thru C-908 Not Used to C-823 thru C-908 Not Used

C-913 - Change Desc. to - Same as C-813 ...

C-916 - Desc. - Add "P/o Z-901"

Page 8-20 (continued)

C-919 - Desc. - Add "P/o Z-901"

Change C-920 thru C-1026 Not Used to C-920 thru C-1000
Not Used

Add C-1001 - Stock No. column - add "For Replacement Use
N16-C-28737-7001"

Desc. - CAPACITOR, FIXED: mica dielectric;
120 mmf p/m 5%; 500 vdcw; temp coef
ltr C; molded low loss bakelite case;
33/64" lg x 19/64" wd x 7/32" h; two
axial wire lead term, one on ea end;
term mtd; color coded; RCA part/dwg
C-748252-333

Function - BFO Mixer Output Filtering

Add C-1002 thru C-1028 Not Used

C-1027 - Delete entire item and mark "Not Used"

C-1028 - Delete entire item and mark "Not Used"

C-1029 - Function - Delete Z-1003

C-1030 - Function - Delete Z-1003

Page 8-21

C-1053 - Desc. - Change RCA part/dwg to - "C-737818-53"

C-1054 - Change Desc. to - Same as C-311 ...

Page 8-23

C-1110 - Change Desc. to - Same as C-1030 ...

C-1202 - Desc. - Change RCA part/dwg to - "C-737816-355"

C-1204 - Change SNSN to N16-C-28975-1526

Change Desc. to - CAPACITOR, FIXED: mica dielectric
150 mmf p/m 5%; 500 vdcw; temp coef ltr
E; molded low loss bakelite case; 33/64"
lg x 19/64" wd x 7/32" h; two axial
wire lead term, one on ea end;
term mtd; color coded; RCA part/
dwg C-737837-335

C-1304 - Change Desc. to - Same as C-423

C-1305 - Desc. - Delete P/o Z-1302

Page 8-24

C-1308 - Change Desc. to - Same as C-1029

C-1402 - Change Desc. to - Same as C-311 ...

C-1403 - Change SNSN to - N16-C-30367-9395

C-1408 - Change Desc. to - Same as C-314. P/o Z-1401

C-1507 - Change Desc. to - Same as C-367 ...

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Page 8-25

E-106 - Change Desc. to - SHIELD, ELECTRON TUBE: phosphor bronze, spring temper, 0.010" thk, silver plate; cylindrical shape w/ end tag extensions; 1-7/16" lg x 13/32" wd, 0.36375" OD x 3/8" h o/a; mts by 0.086" diam hole in one end, tag for rivet; to withstand 48-hr salt spray test; riveted and soldered electrical connections at tags serves as tube mount; National Machine Shop Inc. Type T3 (6873-3) to RCA part/dwg A-8832370-2 Rev. 5; for general purpose use; RCA part/dwg A-8832370-2. P/o Z-109

E-109 - Add in Stock No. column - For Reference Only
Change Desc. to - BOARD, TERMINAL: laminated glass cloth silicone resin; 10 solder post type, 1 pin type, 2 solder post feedthru type, 6 stud, and 4 solder lug type term; w/o barriers; 3" lg x 1-7/16" wd x 15/16" d o/a; mtd by two term pins at one end in corners 0.093" diam, 1.156" c to c; 0.328" lg projecting; w/ shield, shield mount, retainer stop, grounding strap, bkt, links, spacers, and springs; RCA part/dwg T-629844-502. P/o Z-101

E-110 - Delete entire item and mark "Not Used"
Change E-111 thru E-125 Not Used to E-110 thru E-125 Not Used

Page 8-26

E-129 - Change Desc. to - Same as E-106. P/o E-135
E-132 - Delete * from Stock No. column and add Shop Manufacture Locally
E-134 - Change Desc. to - Same as E-104
E-135 - Add in Stock No. column - For Reference Only
Change Desc. to - BOARD, TERMINAL: laminated glass cloth silicone resin; 16 solder post feedthru type, 2 solder post type, and 1 solder lug type term; w/o barriers; 3" lg x 1-7/16" wd x 1/16" thk less term; mtd by two term pins spaced on 1.156" mtg/c; w/ shield and shield mount; RCA part/dwg T-629844-507

Page 8-26 (continued)

- E-154 - Add in Stock No. column - Shop Manufacture Locally
- E-155 - Change Desc. to - Same as E-106. P/o E-159

Page 8-27

- E-156 - Change Desc. to - TERMINAL, LUG: rd tongue end type, bent; brass; hot solder dip finish; #14 AWG wire accommodated; 7/32" lg x 3/16" wd x 7/32" h o/a; soldered rivet or wire connection; 0.070" diam mtg and connection hole in one end; 0.015" thk stock "L" shaped right angle bend; RCA part/dwg A-8821462-1. P/o E-159
- E-159 - Add in Stock No. column - Shop Manufacture Locally
Change Desc. to - BOARD, TERMINAL: laminated glass cloth silicone resin; incl 17 feedthru type and 1 solder lug type term; w/o barriers; 3" lg x 1-7/16" wd x 1/16" thk less term; mtd by two 0.093" diam x 0.328" lg pin term on one end in corners, on 1.156" c to c; RCA part/dwg T-629844-506. P/o Z-151
- E-205 - Add in Stock No. column - Shop Manufacture Locally
- E-206 - Change Desc. to - Same as E-106. P/o E-210
- E-207 - Change Desc. to - Same as E-156. P/o E-210
- E-210 - Add in Stock No. column - Shop Manufacture Locally
Change Desc. to - BOARD, TERMINAL: laminated glass cloth silicone resin; incl 18 stud type 2 solder lug type term; w/o barriers; 3" lg x 1-7/16" wd x 15/16" h o/a; mtd by two term pins at one end in corners 0.093" diam, 1.156" c to c; 0.328" lg projecting; w/ shield, shield mount, grounding straps; RCA part/dwg T-629844-505. P/o Z-201
- E-254 - Add in Stock No. column - Shop Manufacture Locally
Change Desc. to - INSULATOR, BUSHING: teflon, white; wax finish; bushing shape; 3/16" lg x 0.088" OD x 0.031" ID; mts by association; insulator taper from 0.088" diam to 0.062" diam within a distance of 1/16"; RCA part/dwg A-8903605-1
Add Function - Heat Insulator for Coaxial Cable

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Page 8-28

E-270 - Change Desc. to - TERMINAL, LUG: ring type; brass, tin dipped; for #11 AWG wire; bent at 30 deg angle, 5/16" lg x 11/32" h x 0.020" thk o/a approx has 0.145" diam hole in one end; other end has 0.095" diam hole; solder connects to wire; Shakeproof Cat. No. 2506-6 Modified; RCA part/dwg K-880901-18

Page 8-29

Change E-284 thru E-301 to read - E-284 thru E-300 Not Used

E-304 - Change Desc. to - Same as E-101

Add Function - Type II Antenna Unit Connection to C-451E

Page 8-30

E-312 - Change Desc. to - Same as E-106. P/o E-319

E-313 - Change Desc. to - Same as E-156. P/o E-319

E-319 - Change Desc. to - BOARD, TERMINAL: 17 brass stud term silver plated, 1 brass lug eye term hot solder dipped; 1 row of 6 term at end 0.156" c to c, 2 triangle groups of 3 ea in ctr 0.187" c to c right angle, 2 at side 0.187" c to c, 2 in corners at end 1.156" c to c; laminated glass cloth silicone resin 1/16" thick; 3" lg x 1-7/16" wd x 15/16" d o/a; mtd by two term pins at one end in corners 0.093" diam, 1.156" c to c; 0.328" lg projecting; assembled w/ shield, shield mount, grounding strap, retainer stop, bkt, and springs; "C", "R", "V", and term number and letter markings; RCA part/dwg T-629844-504

E-324 - Change Desc. to - TERMINAL, LUG: eye type; w/ right angle bend; copper; hot solder dipped; #16 AWG wire accommodated; 15/64" lg x 7/32" wd x 15/64" h o/a; soldered wire connection; 0.120" diam mtg hole in 7/32" diam end; made from 0.032" thk sheet, 3/16" wd wiring section; for general purpose use; RCA part/dwg A-79534-10

Add E-325-1 - Desc. - Same as E-301-1

Add Function - Insulates E-329 from Chassis

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Page 8-30 (continued)

- E-331 - Change Desc. to - Same as E-106. P/o E-338
- E-332 - Change Desc. to - Same as E-156. P/o E-338

Page 8-31

- E-333 - Change Desc. to - Same as E-324
- E-338 - Change Desc. to - BOARD, TERMINAL: 17 brass stud term silver plated, 1 brass lug eye term hot solder dipped; 1 row of 6 term at end 0.156" c to c, 2 triangle groups of 3 ea in ctr 0.187" c to c right angle, 2 at side 0.187" c to c, 2 in corners at end 1.156" c to c; laminated glass cloth silicone resin 1/16" thick; 3" lg x 1-7/16" wd x 15/16" d o/a; mtd by 2 term pins at one end in corners 0.093" diam, 1.156" c to c; 0.328" lg projecting; assembled w/ shield, shield mount, grounding strap, retainer stop, bkt, and springs; "C", "R", "V", and term number and letter markings; RCA part/dwg T-629844-510. P/o Z-326

- E-356 - Change Desc. to - Same as E-106. P/o E-363
- E-357 - Change Desc. to - Same as E-156. P/o E-363
- E-358 - Change Desc. to - Same as E-156. P/o E-363
- E-359 - Change Desc. to - Same as E-156. P/o E-363
- E-360 - Change Desc. to - Same as E-324
- E-363 - Add in Stock No. column - Shop Manufacture Locally
Change Desc. to - BOARD, TERMINAL: laminated glass cloth silicone resin; incl 8 solder post type, 2 pin type, 12 solder post feedthru type and 1 solder lug type term; w/o barriers; 3" lg x 1-7/16" wd x 1/16" thk less term; two term pins at end in corners, 0.093" on 1.156" x 0.328" mtg/c; principal accessories, shields, shield mounts, retainer stop, grounding straps, bkt, and spring; RCA part/dwg T-629844-501. P/o Z-351

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- E-406 - Change Desc. to - Same as E-106. P/o E-413
- E-407 - Change Desc. to - Same as E-156. P/o E-413
- E-408 - Change Desc. to - Same as E-324
- E-413 - Add in Stock No. column - Shop Manufacture Locally
Change Desc. to - BOARD, TERMINAL: laminated glass-cloth
silicone resin; incl 8 solder post
type, 2 pin type, 2 solder post feed-
thru type, and 6 stud term; w/o bar-
riers; 3" lg x 1-7/16" wd x 15/16" d
o/a; mtd by two term pins at one end
in corners 0.093" diam, 1.156" c to
c, 0.328" lg projecting; w/ shield,
shield mount, retainer stop, ground-
ing straps, bkt, and springs; RCA
part/dwg T-629844-503. P/o Z-401
- E-454 - Change Desc. to - Same as E-254
Add Function - Heat Insulator for Coaxial Cable

Page 8-33

- E-480 - Add in Stock No. column - Shop Manufacture Locally
Change Desc. to - TERMINAL LUG: rd tongue end type;
1/64" thk copper; hot solder dipped,
must be smooth and free of lumps;
#15 AWG wire accommodated; 11/32" h
x 5/32" lg x 7/32" wd o/a; soldered
wire connection; one 0.144" diam
mtg hole and one 1/16" diam hole to
accommodate wire; shakeproof;
F.R. Zierick Co. Cat. #75 modified;
RCA part/dwg A-79534-4

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- E-512 - Delete "NR" from Stock No. column
Change Desc. to - Same as E-106. P/o E-519
- E-513 - Change Desc. to - Same as E-156. P/o E-519
- E-519 - Add SNSN - N17-B-78113-2383
Change Desc. to - BOARD, TERMINAL: laminated glass
cloth silicone resin; incl 15 solder
post feedthru type, 2 pin type, and
1 solder lug type term; 3" lg x
1-7/16" wd x 15/16" thk less term;
mtd by two term pins spaced 1.156"
c to c; principal accessories incl
3 springs, 1 retainer stop, 1 shield
mount, 1 stud, 1 shield, and 1 ground-
ing strap; RCA part/dwg T-629844-509.
P/o Z-501
- E-520 - Change Desc. to - Same as E-324

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- E-529 - Add in Stock No. column - For Reference Only
- E-531 - Delete "NR" from Stock No. column
Change Desc. to - Same as E-106. P/o E-538
- E-532 - Change Desc. to - Same as E-156. P/o E-538
- E-533 - Change Desc. to - Same as E-324
- E-538 - Change Desc. to - BOARD, TERMINAL: 17 brass stud term silver plated, 1 brass lug eye term hot solder dipped; 1 row of 6 term at end 0.156" c to c, 2 triangle groups of 3 ea in ctr 0.187" c to c right angle, 2 at side 0.187" c to c; 2 in corners at end 1.156" c to c; laminated glass cloth silicone resin 1/16" thk; 3" lg x 1-7/16" wd x 15/16" d o/a: mtd by 2 term pins at one end in corners 0.093" diam, 1.156" c to c, 0.328" lg projecting; assembled w/ shields, shield mount, grounding strap, retainer stop, bkt, and springs; "C", "R", "V", and term number and letter markings; RCA part/dwg T-629844-511. P/o Z-526
- E-556 - Change Desc. to - Same as E-106. P/o E-563
- E-557 - Change Desc. to - Same as E-106. P/o E-563
- E-558 - Change Desc. to - Same as E-156. P/o E-563
- E-559 - Change Desc. to - Same as E-156. P/o E-563
- E-560 - Change Desc. to - Same as E-324

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- E-563 - Add in Stock No. column - For Reference Only
Change Desc. to - BOARD, TERMINAL; laminated glass cloth silicone resin; incl 23 stud term, 1 solder lug term; w/o barriers 3" lg x 1-7/16" wd x 15/16" d o/a; mtd by two term pins at one end in corners, 0.093" diam, 1.156" c to c, 0.328" lg projecting; w/ shield and shield mount, grounding straps; RCA part/dwg T-629844-508. P/o Z-551
- E-566 - Change Desc. to - Same as E-480. P/o E-563
Add Function - Wiring Connection to Chassis
- E-606 - Delete "NR" from Stock No. column
Change Desc. to - Same as E-106. P/o E-613
- E-607 - Change Desc. to - Same as E-156. P/o E-613
- E-608 - Change Desc. to - Same as E-324

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E-613 - Change Desc. to - BOARD, TERMINAL: laminated glass cloth silicone resin; incl 22 stud term silver plated, 1 brass solder lug type hot solder dipped term; w/o barriers; 3" lg x 1-7/16" wd x 15/16" d o/a; mtd by two term pins at one end in corners 0.093" diam, 1.156" c to c, 0.328" lg projecting; marked "C" "R" "V" and term number and letter markings; w/ shield, shield mount, grounding straps, retainer stop, bkt, and springs; RCA part/dwg T-629844-512

E-614 - Change Desc. to - Same as E-480. P/o E-613

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E-654 - Change Desc. to - Same as E-254

Add Function - Heat Insulator for Coaxial Cable

E-670 - Change Desc. to - TERMINAL, LUG: rd tongue end type; brass; solder coat finish; #11 AWG wire accommodated; 11/16" lg x 9/32" wd x 0.016" thk o/a; crimped and soldered wire connection; one 0.140" diam mtg hole at one end; Cinch Mfg. Co. Cat. No. 1430; RCA part/dwg A-8819429-1

E-680 - Change Desc. to - Same as E-480

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E-808 - Change Desc. to - Same as E-701

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E-907 - Change Desc. to - Same as E-701

E-908 - Change Desc. to - Same as E-701

E-1008 - Delete entire item and mark "Not Used"

E-1009 - Delete SNSN

Change Desc. to - TERMINAL, STUD: soldered connections; brass; hot soldered dipped; 0.490" lg x 0.125" diam o/a; mts into 0.093" diam hole in panel and swaged into place; has a 0.040" diam thru hole to accommodate wire thru chassis; Hugh H. Eby, Inc. Type 9774-LAK; RCA part/dwg B-468057-1

E-1012 - Change Desc. to - TERMINAL, STUD: soldered connections; brass; hot tin dip finish; 0.342" lg x 0.125" diam o/a; mts by 0.093" diam x 0.145" lg ctr portion; double ended; RCA part/dwg B-468057-7

Page 8-39 (continued)

E-1013 - Delete SNSN
Change Desc. to - Same as E-1009. P/o A-1002

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~~E-1015~~ - Add SNSN - N17-T-26623-4296
Change Desc. to - TERMINAL, LUG: rd tongue end type;
copper; hot solder dipped, free from
lumps; #15 AWG wire accommodated;
1/2" lg x 7/32" wd x 1/64" thk o/a;
soldered wire connection; one 0.120"
diam mtg hole one end and one 1/16"
diam hole other end to accommodate
wire; shakeproof; F.R. Zierick Co.
Cat. #75; RCA part/dwg A-79534-1

E-1016 - Change Desc. to - Same as E-1015

E-1017 - Change Desc. to - Same as E-1015

E-1018 - Change Desc. to - Same as E-1015

E-1022 - Delete entire item and mark "Not Used"

Change E-1023 thru E-1100 Not Used to E-1022 thru E-1100
Not Used

E-1105 - Add in Stock No. column - Shop Manufacture Locally

E-1201 - Delete SNSN

E-1202 - Change Desc. to - Same as E-1015

E-1203 - Change Desc. to - Same as E-1015

E-1303 - Change Desc. to - Same as E-324

Page 8-41

E-1402 - Change Desc. to - Same as E-1015

E-1403 - Change Desc. to - Same as E-1015

E-1502 - Change Desc. to - Same as E-1015

E-1503 - Change Desc. to - Same as E-1015

Page 8-42

E-1707 - Change Desc. to - Same as E-1605
Add Function - Wiring Connection to Chassis

E-1711 - Change Desc. to - Same as E-1605
Add Function - Wiring Connection to Chassis

Change E-1711 thru E-1800 Not Used to E-1712 thru E-1714
Not Used

Add E-1715 - Desc. - Same as E-1605
Function - Wiring Connection to Chassis

Add E-1716 thru E-1800 Not Used

E-1809 - Change Desc. to - Same as E-1605
Add Function - Wiring Connection to Chassis

E-1810 - Same as E-282

Page 8-42 (continued)

E-1813 - Change Desc. to - Same as E-1605
Add Function - Wiring Connection to Chassis
Add E-1814 thru E-1816 Not Used
Add E-1817 - Desc. - Same as E-1605
Function - Wiring Connection to Chassis
Change E-1813 thru E-3600 Not Used to E-1818 thru E-3600
Not Used

Page 8-43

E-3603 - Delete SNSN
Change Desc. to - KNOB: rd shape; bakelite; black color; designed to accommodate rd shape shaft 1/4" diam x 0.562" d; set screw fastening; brass insert; w/o markings; 7/8" lg x 1-1/2" diam o/a; has finger indentations, one edge has raised boss "pointers"; RCA part/dwg A-8864599-1

Page 8-44

H-251 - Delete SNSN
H-252 - Delete entire item and mark "Not Used"
H-253 - Delete entire item and mark "Not Used"
Change H-254 Not Used to H-252 thru H-254 Not Used
H-257 - Desc. - Change RCA part/dwg to - K-835783-32

Page 8-45

Add H-273 - Desc. - RING, RETAINER: Steel SAE 1085-1090, cadmium plated; cylindrical washer shape; 0.298" OD x 0.168" ID x 0.015" thk o/a; mts around 0.188" diam shaft and OD of ring snap fits into groove 0.175" diam; Waldes Kohinoor Inc. Type 5000 series; RCA part/dwg B-458549-155
Function - Secures O-266
Add H-274 - Desc. - WASHER, FLAT: phosphorous bronze nickel plated; rd, 5/16" OD x 0.191" ID x 0.0201" thk; RCA part/dwg A-59218-128
Function - Secures O-266
Add H-275 thru H-300 Not Used
Add H-303 - Desc. - Same as H-104
Function - Spacer for E-301 and E-304
Add H-304 - Desc. - Same as H-103
Function - Spacer for E-301 and E-304
Add H-305 thru H-325 Not Used
Add H-328 - Desc. - Same as H-104
Function - Spacer for E-326
Add H-329 - Desc. - Same as H-103
Function - Spacer for E-326
Add H-330 thru H-350 Not Used

Page 8-46

H-452 - Delete entire item and mark "Not Used"
H-453 - Delete entire item and mark "Not Used"
Add H-452 thru H-454 Not Used

Add H-473 - Desc. - Same as H-273
Function - Secures O-465
Add H-474 - Desc. - Same as H-274
Function - Secures O-465
Add H-475 thru H-500 Not Used

Page 8-47

H-652 - Delete entire item and mark "Not Used"
H-653 - Delete entire item and mark "Not Used"
Add H-652 thru H-654 Not Used
H-671 - Change Desc. to - Same as H-271
Add H-673 - Desc. - Same as H-273
Function - Secures O-665
Add H-674 - Desc. - Same as H-274
Function - Secures O-665
Change H-673 thru H-1300 Not Used to H-675 thru H-1300 Not Used

Page 8-48

H-3602 - Change SNSN to - N42-R-2047-505
Change Desc. to - RING, RETAINER: general purpose;
carbon steel, SAE 1065 to 1090
cadmium plated; "E" shape; 0.527"
OD x 0.207" ID x 0.025" thk; mts
by application; Waldes Kohinoor
Truarc #5133-25; RCA part/dwg
A-93605-107

H-3603 - Delete SNSN and add "Procured on demand by nearest
Naval Shore Supply Activity"
Change Desc. to - RING, RETAINER: steel, cadmium
plate finish; "E" shape; 0.335"
OD x 0.025" thk o/a; fits around
0.145" diam shaft; Waldes Kohinoor
Part #5133-18-MF; RCA part/dwg
A-93605-106

H-3608 - Delete SNSN
Change Desc. to - WASHER, SPRING TENSION: rd, slight
"U" bend; phosphor bronze; SAE; spec
B103, alloy C; minimum tensile
strength 105,000 lbs, Rockwell
hardness (30T scale) 78 minimum;
black nickel finish; 0.257" wd x
7/16" OD x 0.012" thk; washer
formed on 1/2 radius of curvature;
RCA part/dwg A-8864531-1

Page 8-48 (continued)

H-3610 - Delete SNSN

Change Desc. to - RING, RETAINER: for external use around shaft; beryllium copper, std oil dipped; curved "E" shaped; no dimen of this item is greater than one inch; mts by 0.125" diam hole on shaft; RCA part/dwg B-449699-217

Change H-3613 thru H-3700 Not Used to H-3613 thru H-3615 Not Used

Add H-3616 - Desc. - WASHER, SPRING TENSION: rd, wave bend; beryllium copper; white nickel finish; 0.390" diam ID (+0.005", -0.000") x 5/8" diam OD; 0.010" thk material; 0.050" thk o/a; RCA part/dwg A-8864594-1

Function - Prevents Backlash of E-3603

Add H-3617 thru H-3700 Not Used

Page 8-49

Change H-3713 thru H-3800 Not Used to H-3713 thru H-3715 Not Used

Add H-3716 - Desc. - Same as H-3616

Function - Prevents Backlash of E-3703

Add H-3717 thru H-3800 Not Used

Add H-3813 thru H-3815 Not Used

Add H-3816 - Desc. - Same as H-3616

Function - Prevents Backlash of E-3803

Page 8-50

J-102 - Desc. - Last line - change RCA part/dwg to - "A-8835626-1"

J-103 - Desc. - Last line - change RCA part/dwg to - "A-8834708-1"

J-127 - Change SNSN to - NIT-C-73126-3829

Desc. - Last line - change RCA part/dwg to - "A-8834712-1"

Page 8-52

Change J-529 thru J-500 Not Used to J-529 thru J-550 Not Used

Page 8-53

J-664 - Change Desc. to - Same as J-264

Page 8-54

J-1704 - Desc. - 1st line - change "AN-3102A-16S-98" to "AN-3102A-16S-5P"

Page 8-55

K-1701 - Delete SNSN

Change Desc. to - RELAY, THERMAL: SPST; contacts normally closed; 1 amp 20 v AC-DC; heater, 1.12 w AC-DC; non-plug-in type term; 2 heater element term, 2 term for contacts; HS; glass envelope; ambient temp range compensated for operation is 90° C; 2-1/4" max lg x 9/16" diam less terminations; mts by means of three 0.136" diam holes located on mtg flange and spaced 120 deg apart on term board; RCA part/dwg B-474116-501

Page 8-58

Change L-653 thru L-1009 Not Used to L-653 thru L-1010 Not Used
L-1010 - Delete entire item and mark "Not Used"

Page 8-61

0-257 - Change SNSN to - N16-G-431136-114

0-259 - Change Desc. to - BUSHING: panel bearing; brass, white nickel plate; male and female; 1/2" hex head x 5/16" lg o/a; RCA part/dwg K-806568-113

Page 8-62

0-273 - Delete SNSN

Change Desc. to - SPRING: helical extension type; dog actuator; 0.035" diam music wire; cadmium plated; 0.187" OD x 1-1/16" lg (free lgth) o/a; approx 25 active turns; parallel hook term; term mtd; barrel shape; RCA part/dwg B-468089-2

0-274 - Change Desc. to - SPRING: helical extension type; dog actuator; 0.035" diam music wire, cadmium plated; 0.250" OD x 1-7/8" lg (free lgth) o/a; approx 35 active turns; parallel hook term; term mtd; barrel shape; RCA part/dwg B-468089-1

Page 8-64

0-476 - Change Desc. to - SHAFT: for knob adjustment and operation, antenna compensation drive shaft; SS, Navy spec no. 46S18E, class 7, type A, passivating dip finish; 30,000 lbs per sq in. wire yield strength, B-85 to B-95 Rockwell hardness; rd rod, central section reduced diam; 9-1/8" lg o/a 0.25" diam at ends 0.156" diam reduced section; mts in bushing at ends of shaft, one for coupling and one for knobs; RCA part/dwg A-8817156-1

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Page 8-64 (continued)

0-603 - Change Desc. to - STRAP, CONNECTOR: for term link on osc box term board; silver plated brass; flat rectangular shape w/ rounded ends except one end ctr notched; 31/32" lg x 3/16" wd x 0.032" thk o/a; mts by slot w/ rounded ends 0.625" lg x 0.093" wd, end opposite notched end; RCA part/dwg A-8834059-3. P/o E-613

Add Function - Transfer Link, Antenna Circuit

Page 8-65

0-676 - Change Desc. to - Same as 0-476

0-1005 - Change Desc. to - COLLAR, SPACING: brass, white nickel plate finish; rd cylinder shape; 0.375" lg x 9/64" diam o/a; mts by axial ctr hole 0.096" diam; ends are flat and parallel; RCA part/dwg K-817605-120

0-1006 - Change Desc. to - CLIP: retaining; to secure two shafts; spring steel wire, cadmium plate olive drab iridite finish; 21/32" lg x 19/64" wd x 0.032" thk; hair-pin shape; M.D. Hubbard Spring Co., Cat. No. HPC-121; RCA part/dwg A-8864545-1

Page 8-66

Change 0-1302 thru 0-1601 Not Used to 0-1302 thru 0-1600 Not Used
Add 0-1601 - Desc. - Same as 0-101, P/o E-1601

Function - Transfer Link, Antenna Circuit

0-1602 - Change Desc. to - Same as 0-101, P/o E-1610

Change Function to - Transfer Link, Antenna Circuit

Page 8-67

0-3610 - Delete SNSN

Page 8-68

0-3617 - Delete "NR" from SNSN column and add "N43-S-99500-409"

Page 8-69

Add 0-3628 - Desc - RECEIVER, SUB-ASSEMBLY: principal parts c/o 1 panel, 1 master dial gear train (less all electrical parts, band change gearing, lens assembly, all dials); aluminum alloy panel, gray enamel finish; frequency range 5 bands; band no. 1 - 14 to 30 kc, band no. 2 - 30 to 63 kc, band no. 3 - 63 to 133 kc, band no. 4 - 133 to 283 kc, band no. 5 - 283 to 600 kc; 7.437" lg x 6.437" wd x 3-3/8" thk o/a; six 0.218" diam mtg holes spaced 3/4" from ea side and on 6-1/2" x 5-1/2" x 4" x 2" x 1.437" x 2.937" mtg/c; main tuning panel; RCA part/dwg A-8848521-504

Add Function - Replacement Only for Dial Gear Train Assembly on AN/SRR-11

Page 8-69 (continued)

Change 0-3628 thru 0-3700 Not Used to 0-3629 thru 0-3700 Not Used

Page 8-70

0-3720 - Change Desc. to - COUPLING, FLEXIBLE: couples dial scale and capacitor shaft; principal parts c/o 1 plate, 1 bellows, 1 hub; rectangular shape; 1-1/2" lg x 3/4" wd x 0.536" thk o/a; mts by two 0.147" diam holes on 1.250" mtg/c; shall withstand up to 48 in. oz torque, couples shaft by two no. 6-32 set screws; RCA part/dwg A-8864583-501

Add 0-3728 - Desc. - RECEIVER, SUB-ASSEMBLY: principal parts c/o 1 panel, 1 master dial gear train (less all electrical parts, band change gearing, lens assembly, all knobs); aluminum alloy panel, Navy gray finish; frequency range 5 bands: band no. 1 - 0.25 mc to 0.5 mc, band no. 2 - 0.5 mc to 1.0 mc, band no. 3 - 1.0 mc to 2.0 mc, band no. 4 - 2.0 mc to 4.0 mc, band no. 5 - 4.0 mc to 8.0 mc; 7.437" lg x 6.437" wd x 3-3/8" thk o/a; six 0.218" diam mtg holes spaced 3/4" from ea side and on 6-1/2" x 5-1/2" x 4" x 1.437" x 2.937" mtg/c; RCA part/dwg A-8848521-505

Add Function - Replacement Only for Dial Gear Train Assembly on AN/SRR-12

Change 0-3728 thru 0-3800 Not Used to 0-3729 thru 0-3800 Not Used

Page 8-71

0-3820 - Change Desc. to - Same as 0-3720

Add 0-3828 - Desc. - RECEIVER, SUB-ASSEMBLY: principal parts c/o 1 panel, 1 master dial gear train (less all electrical parts, band change gearing, lens assembly, all dials); frequency range 5 bands: band no. 1 - 2.0 mc to 4.0 mc, band no. 2 - 4.0 mc to 8.0 mc, band no. 3 - 8.0 mc to 16.0 mc, band no. 4 - 16.0 mc to 24.0 mc, band no. 5 - 24.0 mc to 32.0 mc; 7.437" lg x 6.437" wd x 3-3/8" thk o/a; six 0.218" diam mtg holes spaced 3/4" from ea side and on 6-1/2" x 5-1/2" x 4" x 2" x 1.437" x 2.937" mtg/c; main tuning panel; RCA part/dwg A-8848521-506

Add Function - Replacement Only for Dial Gear Train Assembly on AN/SRR-13

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Page 8-74

R-101 - Change SNSN to - N16-R-50012-816
Change Desc. to - RESISTOR, FIXED: comp; MIL type
RC20GF222K; 2200 ohms p/m 10%; 1/2 w;
F characteristic; 0.375" lg x 0.138"
diam less term; insulated; RSW and
humidity; two axial wire lead type
term, 1.5" lg x 0.028" diam; spec MIL-
R-11A; RCA part/dwg C-722320-66

Page 8-75

R-109 - Delete SNSN
Change Desc. to - RESISTOR, FIXED: comp; MIL type
RC20GF472K; 4700 ohms p/m 10%; 1/2 w;
F characteristic; 0.375" lg x 0.138"
diam less term; insulated; RSW and
humidity; two axial wire lead type
term, 1.5" lg x 0.028" diam; color
coded; spec MIL-R-11A; RCA part/dwg
C-722320-70

Add R-131 - SNSN - N16-R-50588-811

Desc. - RESISTOR, FIXED: comp; MIL type RC20BF823K;
82,000 ohms p/m 10%; 1/2 w; BF characteristic;
0.375" lg x 0.138" diam less term; insulated;
resistant to humidity and salt water immer-
sion; two axial wire lead type term, 1.5" lg
x 0.028" diam; color coded; spec MIL-R-11A;
RCA part/dwg C-722318-85

Function - Voltage Divider Manual Gain Control

Change R-131 thru R-150 Not Used to R-132 thru R-150 Not Used

R-153 - Change SNSN to - N16-R-49688-811

Change Desc. to - RESISTOR, FIXED: comp; MIL type
RC20BF271K; 270 ohms p/m 10%; 1/2 w;
F characteristic; 0.375" lg x 0.138"
diam less term; insulated; RSW and
humidity; two axial wire lead type
term, 1.5" lg x 0.028" diam; color
coded; spec MIL-R-11A; RCA part/dwg
C-722318-55

Page 8-76

R-252 - Delete SNSN
Change Desc. to - Same as R-130

Page 8-77

- R-402 - Change SNSN to - N16-R-49955-431
Change Desc. to - RESISTOR, FIXED: comp; MIL type
RC20BF152J; 1500 ohms p/m 5%; 1/2 w;
BF characteristic; 0.375" lg x 0.138"
diam less term; insulated; RSW and
humidity; two axial wire lead type
term, 1.5" lg x 0.028" diam; color
coded; spec MIL-R-11A; RCA part/dwg
C-722318-163
- R-405 - Delete SNSN
Change Desc. to - RESISTOR, FIXED: comp; MIL type
RC20GF393K; 39,000 ohms p/m 10%;
1/2 w; F characteristic; 0.375" lg x
0.138" diam less term; insulated;
resistant to humidity and temp con-
ditions; two axial wire lead type
term; 70° C max ambient temp for full
load operation; 350 v RMS max working
voltage; color coded; spec MIL-R-11A;
RCA part/dwg C-722320-81
- R-407 - Delete SNSN
Change Desc. to - RESISTOR, FIXED: comp; MIL type
RC20GF472J; 4700 ohms p/m 5%; 1/2 w;
F characteristic; 0.375" lg x 0.138"
diam less term; insulated; resistant
to humidity and temp conditions;
two axial wire lead type term; 70° C
max ambient temp for full load oper;
350 v RMS max working voltage; color
coded; spec MIL-R-11A; RCA part/dwg
C-722320-175. P/o Z-407

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- R-463 - Change Desc. to - Same as R-131

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- R-602 - Change Desc. to - RESISTOR, FIXED: comp; MIL type
RC20GF123K; 12,000 ohms p/m 10%;
1/2 w; F characteristic; 0.375" lg
x 0.138" diam less term; insulated;
RSW and humidity; two axial wire
lead type term, 1.5" lg x 0.028"
diam; color coded; spec MIL-R-11A;
RCA part/dwg C-722320-75
- R-603 - Change Function to - Cathode, V-601
- R-663 - Change Desc. to - Same as R-131
- R-701 - Add SNSN - N16-R-50012-756
Change Desc. to - RESISTOR, FIXED: comp; 2200 ohms
p/m 10%; 1/2 w; F characteristic;
0.375" lg x 0.140" diam less term;
insulated; resistant to moisture; two
axial wire lead type term, 1-1/2" lg;
Allen Bradley Co. Type No. EB-2221;
RCA part/dwg A-82283-66

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R-702 - Delete SNSN

Change Desc. to - RESISTOR, FIXED: comp; MIL type RC20GF103K; 10,000 ohms p/m 10%; 1/2 w; F characteristic; 0.375" lg x 0.138" diam less term; insulated; RSW and humidity; two axial wire lead type term, 1.5" lg x 0.028" diam; color coded; spec MIL-R-11A; RCA part/dwg C-722320-74

Page 8-80

R-804 - Change Desc. to - Same as R-701

R-805 - Change Desc. to - Same as R-701

R-904 - Change Desc. to - Same as R-701

R-905 - Change Desc. to - Same as R-701

R-1003 - Delete entire item and mark "Not Used"

R-1004 - Delete entire item and mark "Not Used"

Add - R-1002 thru R-1004 Nct Used

R-1006 - Delete SNSN

Change Desc. to - Same as R-153

R-1007 - Change Desc. to - Same as R-701. P/o Z-1004

R-1010 - Change Desc. to - Same as R-153. P/o Z-1006

R-1011 - Change Desc. to - Same as R-701. P/o Z-1006

R-1017 - Change Desc. to - Same as R-701. P/o Z-1008

Page 8-81

R-1026 - Add SNSN - N16-R-50129-816

Change Desc. to - RESISTOR, FIXED: comp; 4700 ohms p/m 10%; 1/2 w; F characteristic; 0.375" lg x 0.140" diam less term; insulated; resistant to moisture; two axial wire lead type term, 1-1/2" lg; color coded; Allen Bradley Co. Type EB-4721; RCA part/dwg A-82283-70

R-1033 - Change Desc. to - Same as R-701

R-1106 - Add SNSN - N16-R-49877-811

Change Desc. to - RESISTOR, FIXED: comp; MIL type RC20GF821K; 820 ohms p/m 10%; 1/2w; BF characteristic; 0.375" lg x 0.138" diam less term; insulated; resistant to humidity and salt water immersion; two axial wire lead type term, 1.5" lg x 0.028" diam; color coded; spec MIL-R-11A; RCA part/dwg C-722318-61. P/o Z-1102

R-1110 - Delete entire item and mark "Not Used"

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R-1114 - Add SNSN - N16-R-50416-431

Change Desc. to - RESISTOR, FIXED: comp; MIL type
RC20BF333J; 33,000 ohms p/m 5%;
1/2 w; F characteristic; 0.375"
lg x 0.138" diam less term; in-
sulated; RSW and humidity; two
axial wire lead type term, 1.5"
lg x 0.028" diam; color coded;
spec MIL-R-11A; RCA part/dwg
C-722318-195. P/o Z-1104

R-1123 - Change Desc. to - Same as R-1106. P/o Z-1105

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R-1204 - Add SNSN - N16-R-50164-431

Change Desc. to - RESISTOR, FIXED: comp; Jan type
RC20BF562J; 5600 ohms p/m 5%; 1/2 w;
BF characteristic, 0.375" lg x 0.138"
diam; insulated; RSW and humidity;
two axial wire lead term; spec JAN-
R-11; RCA part/dwg P-722318-177

R-1301 - Add SNSN - N16-R-50012-811

Change Desc. to - RESISTOR, FIXED: comp; MIL type
RC20BF222K; 2200 ohms p/m 10%; 1/2 w;
BF characteristic; 0.375" lg x 0.138"
diam less term; insulated; resistant
to humidity and salt water immersion;
two axial wire lead type term, 1.5"
lg x 0.028" diam; color coded; spec
MIL-R-11A; RCA part/dwg C-722318-66

R-1402 - Change Desc. to - Same as R-701

R-1408 - Change Desc. to - Same as R-701

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R-1504 - Add SNSN - N16-R-50281-431

Change Desc. to - RESISTOR, FIXED: comp; MIL type
RC20BF103J; 10,000 ohms p/m 5%;
1/2 w; F characteristic; 0.375"
lg x 0.138" diam less term; in-
sulated; RSW and humidity; two
axial wire lead type term, 1.5"
lg x 0.028" diam; color coded; spec
MIL-R-11A; RCA part/dwg C-722318-183

R-3601 - Change SNSN to - N16-R-87014-4509

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Add S-351A - Desc. - P/o S-351

Add S-351B - Desc. - P/o S-351

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Page 8-86 (continued)

S-452 - Add SNSN - N17-S-72018-7719

Change Desc. to - SWITCH, TOGGLE: JAN type ST12D; SPDT; resistive load: 5 amps 125 v AC or DC; 2 amps 250 v AC or DC; inductive load; 3 amps 125 v AC or DC; 1.5 amps 250 v AC or DC; phenolic body; 1-9/32" lg x 23/32" wd x 23/32" d less terms, barriers, bushings, and handle; actuating bat type handle, 11/16" lg less lgth of bushing; momentary action; locking action w/15/32" diam hole in cover guard for positioning handle; three solder lug type term located on back; single hole mtg; 15/32-32 thd diam bushing, 15/32" lg from mtg surface; luminous handle; spec JAN-S-23; RCA part/dwg B-426780-104

Page 8-87

S-652 - Change Desc. to - Same as S-452

S-1001 - Function - Delete Z-1003

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S-1002 - Function - Delete Z-1003

Page 8-91

Change T-356 thru T-500 Not Used to T-356 thru T-450 Not Used

Add T-451 - Desc. - TRANSFORMER, RF: two single layer wnd windings; inductance of windings w/ freq measurement: 2.18 mh at 200 kc, 14.3 mh at 200 kc; pri, 300.5 turns #38 AWG copper wire; secd, 22.5 turns #38 AWG copper wire; DC resistance: pri, 12.7 ohms, secd, 1.35 ohms; not tuned; 184 kc to 216 kc freq range; shielded; cylindrical aluminum can, corrosion resistant coating; 0.601" lg x 0.572" diam; powdered iron core and form; dimen of coil form 0.281" lg x 0.369" OD x 0.128" ID o/a; adj iron core, screwdriver adj thru top of can; mts by 1/4-32 thd x 0.516" lg bushing thru top of can; four post type term located on base of can; marked in three lines w/ RCA part/dwg No., Govt Stock No., and line three w/ 200 kc; oper temp range -54° C to 85° C; RCA part/dwg C-746104-33

Function - Filters Harmonics of 200 Kc

Add T-452 thru T-500 Not Used

Page 8-96

W-202 - Change Desc. to - BUS BAR: copper; rectangular cross section; solid; cross sectional dimen, 1/8" wd w/ 1/4" wd section at end; 0.0201" thk; 2-3/32" lg o/a, 53/64" d; 0.120" diam hole at 1/4" wd end for mtg; bent as shown in RCA dwg w/ hook at one end and mount at other; silver plate and gold plate finish; RCA part/dwg A-8825741-3

W-327 - Change Desc. to - Same as W-202

W-402 - Change Desc. to - Same as W-202

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W-602 - Change Desc. to - Same as W-202

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Z-201 - Desc. - Change "STAGE, RF" to "RECEIVER SUB-ASSEMBLY"

Z-301 - Add SNSN - N16-A-38801-1157

Z-326 - Add SNSN - N16-A-38801-1155

Z-351 - Add SNSN - N16-A-99999-0043

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Z-526 - Delete SNSN

Z-702 - Change Desc. to - FILTER, BAND PASS: mid freq 60 kc; bandwidth 59 kc to 61 kc; 3-55/64" lg x 2-1/16" h x 29/32" wd; 150,000 ohms input and output impedance; rectangular metal case; mts by two 0.156" diam mtg holes spaced 2.718" c to c; four solder lug term; HS; RCA part/dwg A-8833252-501

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Z-802 - Add SNSN - N16-F-32681-1001

Z-1001 - Add SNSN - N16-F-2633-1157

Change Desc. to - FILTER, BAND PASS: 200 kc ctr freq, 198.4 to 201.6 kc bandwidth; 2-15/32" lg x 1-9/32" wd x 2.350" h o/a; rectangular metal case; four #4-40 integral mtg nuts located term end, two rows spaced 0.610" c to c, two in one row spaced 0.718" c to c, two in other row spaced 1.718" c to c; four stud type term; designed for long periods of arctic and tropical service; continuous oper; 100 v DC oper level; 2 v RMS max signal oper level; unbalanced w/respect to ground; 250 v DC min hipot; moisture resistant; vibration and shock resistant; ambient temp range -54° C to +85° C; 48-hr salt spray; RCA part/dwg A-8832387-501

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Z-1003 - Delete entire item and mark "Not Used"

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Z-1202 - Change SNSN to - N16-C-14435-1030

Z-1401 - Add N16-C-14435-1001

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Z-1702 - Add SNSN - N16-F-99999-0091

TABLE 8-6

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Add CC20CH180G, Key Symbol C-564
 Add CM15E271G, Key Symbol C-452
 Add RC20BF152J, Key Symbol R-402
 RC20BF271K, change Key Symbol to R-153
 RC20BF333J, change Key Symbol to R-1114
 Delete RC20BF475K, Key Symbol R-1110
 RC20BF562J, change Key Symbol to R-1204
 RC20BF821K, change Key Symbol to R-1106
 RC20BF823K, change Key Symbol to R-131
 Add the following items in sequence -

<u>JAN Desig</u>	<u>Key Symbol</u>
RC20GF103K	R-702
RC20GF123K	R-602
RC20GF222K	R-101
RC20GF393K	R-405
RC20GF472J	R-407
RC20GF472K	R-109

Change AN-3102A-16S-98 to AN-3102A-16S-5P, Key Symbol J-1704

Add the following items in sequence -

N16-A-38801-1155, Key Symbol Z-326
 N16-A-38801-1157, Key Symbol Z-301
 N16-A-99999-0043, Key Symbol Z-351
 N16-C-14435-1030, Key Symbol Z-1202
 N16-C-15624-4628, Key Symbol C-533
 N16-C-16043-9128, Key Symbol C-564
 N16-C-16053-1401, Key Symbol C-214

N16-C-26020-7691, change Key Symbol to C-311

Add N16-C-26442-8169, Key Symbol C-621

Add N16-C-26732-9439, Key Symbol C-563

N16-C-26838-5145, change Key Symbol to C-423

Add the following items in sequence -

N16-C-27181-4341, Key Symbol C-813
 N16-C-27360-8529, Key Symbol C-364
 N16-C-28737-7001, Key Symbol C-1001
 N16-C-28975-1526, Key Symbol C-1204
 N16-C-30367-9365, Key Symbol C-1403

N16-C-45803-1984, change Key Symbol to C-162

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Delete the following items -

N16-C-650001-784, Key Symbol A-459
 N16-C-76743-1909, Key Symbol L-1010
 N16-C-99999-0008, Key Symbol Z-1202
 N16-C-99999-0039, Key Symbol C-316
 N16-C-99999-0040, Key Symbol C-304

N16-C-99999-0041, change Key Symbol to C-314

Delete N16-C-99999-0044, Key Symbol C-1204

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Add the following items in sequence -

N16-D-99999-0002, Key Symbol O-3828
N16-F-32633-1157, Key Symbol Z-1001
N16-F-32681-1001, Key Symbol Z-802
N16-F-99999-0056, Key Symbol Z-1002
N16-F-99999-0091, Key Symbol Z-1702
N16-G-431136-114, Key Symbol O-257
Delete N16-G-500001-489, Key Symbol O-257
Delete N16-R-33591-1371, Key Symbol E-106
N16-R-49688-811, change Key Symbol to R-153
Add N16-R-33591-1298, Key Symbol O-3728
N16-R-49877-811, change Key Symbol to R-1106
Add N16-R-49955-431, Key Symbol R-402
N16-R-50012-756, change Key Symbol to R-701
Add N16-R-50012-816, Key Symbol R-101
Delete N16-R-50128-436, Key Symbol R-407
N16-R-50129-816, change Key Symbol to R-1026
N16-R-50164-431, change Key Symbol to R-1204
Delete N16-R-50282-811, Key Symbol R-702
N16-R-50416-431, change Key Symbol to R-1114
Delete N16-R-50444-826, Key Symbol R-405
N16-R-50588-811, change Key Symbol to R-131
Delete N16-R-51173-811, Key Symbol E-1110
Add N16-R-87014-459, Key Symbol R-3601
Delete N16-R-89232-2988, Key Symbol R-3601

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Delete N17-B-77835-7375, Key Symbol E-1201
N17-B-78113-2383, change Key Symbol to E-519
Add N17-B-78113-2388, Key Symbol E-538
Delete N17-B-78206-7821, Key Symbol E-356
Add N17-C-650001-784, Key Symbol A-459
Add N17-C-73126-3829, Key Symbol J-127
Add N17-C-99999-1130, Key Symbol C-142
Delete the following items -
N17-I-64067-2367, Key Symbol E-110
N17-R-99999-0038, Key Symbol K-1701
N17-S-46733-2361, Key Symbol O-273
N42-R-2047-465, Key Symbol H-251
N42-R-2052-465, Key Symbol H-3610
N42-R-57943-3483, Key Symbol H-3603
N42-R-57943-9583, Key Symbol H-3602
N42-W-5740-62, Key Symbol H-3608
N43-S-99500-409, Key Symbol O-3610
N43-W-7508-5423, Key Symbol H-252