

# TMC SPECIFICATION

NO. S 1243

REV:

COMPILED: CV

CHECKED:

*J. De*

APPD:

*SJM*

SHEET

OF

TITLE:

## CABLE RUN-LIST

RAK 75-6B

(CK 1425)

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NO. S 1243

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SHEET 1 OF 9

TITLE: CABLE RUN-LIST RAK 75-6B

ITEM #	FROM		TO		FUNCTION
	UNIT	CONN	UNIT	CONN	
1	LSP-7	E101-1	51S-1	J12	RECEIVER #1 4 OHM AUDIO
2	LSP-7	E101-1	INTCONN	J8503-D	RECEIVER #1 4 OHM AUDIO
3	LSP-7	E101-4	INTCONN	J8503-E	RECEIVER #1 4 OHM AUDIO
	LSP-7	E101-2	INTCONN	J8503-F	SHIELD
	LSP-7	E101-3	INTCONN	J8503-F	SHIELD
4	51S-1	J11	PATCH J25	TIP	RECEIVER #1 600 OHM UNBALANCED
	51S-1	J11	PATCH J25	SLEEVE	SHIELD
5	51S-1	TB1-3	51S-1	J7	EXT. RF GAIN GRD
6	51S-1	TB1-1	PATCH J17	TIP	RECEIVER #1 600 OHM BALANCED
	51S-1	TB1-3	PATCH J17	SLEEVE	SHIELD
7	51S-1	TB1-5	PATCH J17	RING	RECEIVER #1 600 OHM BALANCED
8	PATCH J1L	TIP	INTCONN	J8501-A	TRANSMITTER #1 AUDIO
	J1L	SLEEVE	INTCONN	J8501-C	SHIELD
9	J1L	RING	INTCONN	J8501-B	TRANSMITTER #1 AUDIO
10	J2L	T	INTCONN	J8501-D	TRANSMITTER #1 PTT
	J2L	S	INTCONN	J8501-F	SHIELD
11	J2L	R	INTCONN	J8501-E	TRANSMITTER #1 PTT
12	J3L	T	INTCONN	J8501-G	TRANSMITTER #1 CW
	J3L	S	INTCONN	J8501-V	SHIELD

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SHEET 2 OF 9

TITLE: CABLE RUN-LIST RAK 75-6B

ITEM #	FROM		TO		FUNCTION
	UNIT	CONN	UNIT	CONN	
13	J3L	R	INTCONN	J8501-H	TRANSMITTER #1 CW
14	J4L	T	INTCONN	J8502-A	TRANSMITTER #2 AUDIO
	J4L	S	INTCONN	J8502-C	SHIELD
15	J4L	R	INTCONN	J8502-B	TRANSMITTER #2 AUDIO
16	J5L	T	INTCONN	J8502-D	TRANSMITTER #2 PTT
	J5L	S	INTCONN	J8502-F	SHIELD
17	J5L	R	INTCONN	J8502-E	TRANSMITTER #2 PTT
18	J6L	T	INTCONN	J8502-G	TRANSMITTER #2 CW
	J6L	S	INTCONN	J8502-V	SHIELD
19	J6L	R	INTCONN	J8502-H	TRANSMITTER #2 CW
20	J7L	T	MPA	TB5001-1	MPA #1 AUDIO IN
	J7L	S	MPA	TB5001-1	SHIELD
21	J7L	R	MPA	TB5001-2	MPA #1 AUDIO IN
22	J11L	T	MPA	J8503-G	MPA #2 AUDIO IN
	J11L	S	INTCONN	J8503-V	SHIELD
23	J11L	R	INTCONN	J8503-H	MPA #2 AUDIO IN
24	J20L	T	INTCONN	J8503-A	RECEIVER #2 600 OHM BALANCE
	J20L	S	INTCONN	J8503-C	SHIELD
25	J20L	R	INTCONN	J8503-B	RECEIVER #2 600 OHM BALANCE
26	J26L	T	INTCONN	J8504-J	RECEIVER #2 RING
	J26L	S	INTCONN	J8504-K	SHIELD

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ITEM #	FROM		TO		FUNCTION
	UNIT	CONN	UNIT	CONN	
27	J1E	T	MPA	TB5001-10	MPA #1 AUDIO Out
	J1E	S	MPA	TB5001-1	SHIELD
28	J1E	R	MPA	TB5001-11	MPA #1 AUDIO Out
29	J2E	T	INTCONN	J8505-E	HS #1 PTT
	J2E	S	INTCONN	J8505-U	SHIELD
30	J2E	R	INTCONN	J8505-F	HS #1 PTT
31	J3E	T	CW CONTROL	J8301-T	KEY #1
	J3E	S	CW CONTROL	J8301-S	SHIELD
32	J3E	R	CW CONTROL	J8301-R	KEY #1
33	J4E	T	INTCONN	J8504-G	MPA #2 AUDIO Out
	J4E	S	INTCONN	J8504-V	SHIELD
34	J4E	R	INTCONN	J8504-H	MPA #2 AUDIO Out
35	J5E	T	INTCONN	J8506-E	HS #2 PTT
	J5E	S	INTCONN	J8506-U	SHIELD
36	J5E	R	INTCONN	J8506-F	HS #2 PTT
37	J6E	T	INTCONN	J8504-A	KEY #2
	J6E	S	INTCONN	J8504-C	SHIELD
38	J6E	R	INTCONN	J8504-B	KEY #2
39	J7E	T	CW CONTROL	S8301	TRANSMITTER #1 ON/OFF
	J7E	S	CW CONTROL		SHIELD
40	J7E	R	CW CONTROL	S8301	TRANSMITTER #1 ON/OFF







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ITEM #	FROM		TO		FUNCTION
	UNIT	CONN	UNIT	CONN	
95	INTCONN	J8510-J	SEL. RING	TB501-2	SP. REMOTE BELL
96	INTCONN	J8510-K	SEL. RING	TB501-4	SP. REMOTE BELL
97	INTCONN	J8515-J	SEL. RING	TB501-2	#1 REMOTE BELL
98	INTCONN	J8510-K	SEL. RING	TB501-4	#1 REMOTE BELL
99	INTCONN	J8516-J	SEL. RING	TB501-2	#2 REMOTE BELL
100	INTCONN	J8510-K	SEL. RING	TB501-4	#2 REMOTE BELL
101	INTCONN	J8509-G	INTCONN	J8509-V	RESTORE SERIES
102	J2L	J8509-T	J9L	J8509-T	TRANSMITTER #1 PTT/TR
103	J2L	J8509-R	J9L	J8509-R	TRANSMITTER #1 PTT/TR
104	J9L	J8509-T	J10L	J8509-T	TRANSMITTER #1 PTT/TR
105	J9L	J8509-R	J10L	J8509-R	TRANSMITTER #1 PTT/TR
106	J5L	J8509-T	J13L	J8509-T	TRANSMITTER #2 PTT/TR
107	J5L	J8509-R	J13L	J8509-R	TRANSMITTER #2 PTT/TR
108	J13L	J8509-T	J14L	J8509-T	TRANSMITTER #2 PTT/TR
109	J13L	J8509-R	J14L	J8509-R	TRANSMITTER #2 PTT/TR
110	J7L	J8509-T	J8L	J8509-T	MPA #1 AUD. IN
111	J7L	J8509-R	J8L	J8509-R	NPA #1 AUD. IN
112	J11L	J8509-T	J12L	J8509-T	MPA #2 AUD. IN
113	J11L	J8509-R	J12L	J8509-R	MPA #2 AUD. IN
114	J17L	J8509-T	J18L	J8509-T	RCVR #1 600 ohm Bal.
115	J17L	J8509-R	J18L	J8509-R	RCVR #1 600 ohm Bal.



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	UNIT	CONN	UNIT	CONN	
116	J18L	J8509-T	J19L	J8509-T	RCVR #1 600 ohm Bal.
117	J18L	J8509-R	J19L	J8509-R	RCVR #1 600 ohm Bal.
118	J20L	J8509-T	J21L	J8509-T	RCVR #2 600 ohm Bal.
119	J20L	J8509-R	J21L	J8509-R	RCVR #2 600 ohm Bal.
120	J21L	J8509-T	J22L	J8509-T	RCVR #2 600 ohm Bal.
121	J21L	J8509-R	J22L	J8509-R	RCVR #2 600 ohm Bal.
122	INTCONN	J8510-G	SEL. RING	TB501-10	RESTORE GRD
123	INTCONN	J8510-V	INTCONN	J8510-G	RESTORE SERIES
124	J15L	J8510-T	INTCONN	N/C	SPARE
	J15L	J8510-S	INTCONN	N/C	SPARE
125	J15L	J8510-R	INTCONN	N/C	SPARE
126	J16L	J8510-T	INTCONN	N/C	SPARE
	J16L	J8510-S	INTCONN	N/C	SPARE
127	J16L	J8510-R	INTCONN	N/C	SPARE
128	J23L	J8510-T	INTCONN	N/C	SPARE
	J23L	J8510-S	INTCONN	N/C	SPARE
129	J23L	J8510-R	INTCONN	N/C	SPARE
130	J24L	J8510-T	INTCONN	N/C	SPARE
	J24L	J8510-S	INTCONN	N/C	SPARE
131	J24L	J8510-R	INTCONN	N/C	SPARE
132	J26L	J8510-T	INTCONN	N/C	SPARE
	J26L	J8510-S	INTCONN	N/C	SPARE



