3.2

4367 [illegible] Line Assy

ENGINEERING BILL OF MATERIAL LIST

EXP. NO. 3714A131 SHEET 1 OF 8 SHEETS

COLLINS RADIO COMPANY, CEDAR RAPIDS, IOWA

544 6875 00

EQUIPMENT TYPE NO. 305-1

USED ON ASSEMBLY

COLLINS NO.	QTY.	TYPE
544 6874 00	1	305-1

B/M FOR: CABLE-305-1

ENGINEER Brason APPROVED D B Hallock

CHECKED MJE DATE 7-15-58

CUST. DWG. | TR 1 | DL 1 | NB | CR 2

REGION CODES

QUANTITY	ITEM NO.	COLLINS PART NO.	PART NAME	
	A			
1	B	304 0246 00	TERMINAL-LUG, No. 8	
	C			(FT)
75.0	D	435 1019 00	CORD-LACING	(FT)
6.6	E	422-0937-000	WIRE-ELECT., WC9	(FT)
4.7	F	422-0942-000	WIRE-ELECT., WC9.5	(FT)
4.0	G	422-0608-000	WIRE-ELECT., WE9	(FT)
6.3	H	422-0609-000	WIRE-ELECT., WE90	(FT)
10.9	J	422-0610-000	WIRE-ELECT., WE91	(FT)
13.0	K	422-0611-000	WIRE-ELECT., WE92	(FT)
18.3	L	422-0612-000	WIRE-ELECT., WE93	(FT)
15.8	M	422-0613-000	WIRE-ELECT., WE95	(FT)
9.6	N	422-0614-000	WIRE-ELECT., WE96	(FT)
14.7	P	439-9950-000	WIRE-ELECT., WB9	(FT)
5.9	R	439-4009-000	WIRE-ELECT., TA905	(FT)
5.8	S	439-9956-000	WIRE-ELECT., WB95	(FT)
15.4	T	439-9960-000	WIRE-ELECT., WB905	(FT)
5.6	U	439-1130-140	WIRE-ELECT., WB9123	(FT)
6.6	V	439-4000-000	WIRE-ELECT., TA9	(FT)
9.0	W	439-4001-000	WIRE-ELECT., TA90	(FT)
4.2	Y	439-4002-000	WIRE-ELECT., TA91	(FT)
7.6	Z	439-4003-000	WIRE-ELECT., TA92	(FT)

544 6875 00

NOTE: A NINE DIGIT NUMBER ENDING IN -00 IS IDENTICAL TO A TEN DIGIT NUMBER ENDING IN -000 WHEN BOTH NUMBERS HAVE A COMMON FIRST SEVEN DIGITS.

Tolerance Unless Otherwise Specified: Fractional ± Decimal ± Angular ± Scale: Detail:

REVISION								
	0			C	R71458	2-11-59	F	R80720 10-20-59
	A	R67808	10-31-58	D	R73579	4-13-59	G	E95007 27OCT1960
	B	R69500	12-22-58	E	R77066	7-28-59	H	576099 10JUN 1963

F-2369 (Rev. 6/58)

ENGINEERING BILL OF MATERIAL LIST

EXP. NO. 3714A131 — SHEET 2 OF 8 SHEETS

COLLINS RADIO COMPANY, CEDAR RAPIDS, IOWA

5446875 00

EQUIPMENT TYPE NO. 305-1

B/M FOR: CABLE - 305-1

USED ON ASSEMBLY		
COLLINS NO.	QTY.	TYPE
522 1286 00	1	305-1

ENGINEER Beaman — APPROVED DB Hallock — CHECKED MM — DATE 7-15-58

QUANTITY	ITEM NO.	COLLINS PART NO.	PART NAME	
		QUANTITIES ARE FOR ONE ASSEMBLY		
4.0	AA	439-4004-000	WIRE-ELECT., TA93	(FT)
6.6	AB	439-4005-000	WIRE-ELECT., TA95	(FT)
12.8	AC	439-4006-000	WIRE-ELECT., TA96	(FT)
1.8	AD	439-4007-000	WIRE-ELECT., TA902	(FT)
3.2	AE	439-4008-000	WIRE-ELECT., TA903	(FT)
4.3	AF	439-4010-000	WIRE-ELECT., TA906	(FT)
14.9	AG	439-4011-000	WIRE-ELECT., TA912	(FT)
18.3	AH	439-4012-000	WIRE-ELECT., TA913	(FT)
0.9	AJ	439-4013-000	WIRE-ELECT., TA915	(FT)
2.3	AK	439-4014-000	WIRE-ELECT., TA916	(FT)
8.0	AL	439-4015-000	WIRE-ELECT., TA923	(FT)
1.8	AM	439-4016-000	WIRE-ELECT., TA925	(FT)
15.8	AN	439-4017-000	WIRE-ELECT., TA926	(FT)
7.0	AP	439-4018-000	WIRE-ELECT., TA935	(FT)
4.9	AR	489-4020-000	WIRE-ELECT., TA956	(FT)
2.7	AS	439-4021-000	WIRE-ELECT., TA9023	(FT)
5.2	AT	439-4022-000	WIRE-ELECT., TA9025	(FT)
1.8	AU	439-4024-000	WIRE-ELECT., TA9123	(FT)
5.4	AV	439-4027-000	WIRE-ELECT., TA9235	(FT)
3.9	AW	439-4029-000	WIRE-ELEC., TA9256	(FT)
5.1	AY	439-5211-000	WIRE-ELECT., TAS191	(FT)
2.2	AZ	439-5213-000	WIRE-ELECT., TAS193	(FT)

5446875 00

Tolerance Unless Otherwise Specified: Fractional ± — Decimal ± — Angular ± — Scale: — Date:

REVISION								
	0			L	H94332	11NOV 69	P	L20267 8-2-76
	J	H29453	5 JAN 1968	M	K18084	17SEP 70		
	K	H45696	22 MAY 1968	N	K43293	14SEP 71		

F-2369 (Rev. 6/58)

COLLINS

COLLINS RADIO COMPANY, CEDAR RAPIDS, IOWA

544 6875 00

EQUIPMENT TYPE NO. 305-1

USED ON ASSEMBLY

COLLINS NO.	QTY.	TYPE
522 1286 00	1	305-1

B/M FOR: CABLE-305-1

ENGINEER Beason APPROVED D B Hallock

CHECKED DATE

QUANTITY	ITEM NO.	QUANTITIES ARE FOR ONE ASSEMBLY COLLINS PART NO.	PART NAME
	BA		
	BB		
3	BC	304 0245 00	TERMINAL-LUG, No. 10
REF	BD	506 3900 003	CODE-WIRE, ELECTRICAL
2.8	BE	422-0942-000	WIRE-ELECT, WC 90 (FT)
17	BF	304 041401	TERMINAL-LUG, No. 6 SLOTTED
2	BG	304 041500	TERMINAL-LUG, No 8, SLOTTED
6	BH	304 041700	TERMINAL-LUG, No 8 SLOTTED
	BJ		
	BK		
1.0	BL	152-2593-00	INSULATION, SLEEVE (FT)
92	BM	435-0002-050	TIE WRAPS
10	BN	435-0002-090	TIE WRAPS
10	BP	435-0002-060	TIE WRAPS
			NOTE:
			1. ITEM D, BM, BN & BP USED AS REQUIRED.

544 6875 00

Tolerance Unless Otherwise Specified: Fractional: ± Decimal: ± Angle: ± Scale: Detail:

REVISION 0 P

544 6875 00

WIRE NO.	WIRE CODE	FROM	TO	LENGTH (IN.)
1	WE90	T201-1 - B-44	S201B-CW - B-12	
2	WE91	T201-2 - B-44	S201B-SSB - B-12	
3	WE92	T201-3 - B-44	TB201-3 - B-24	
4	WE96	T201-4 - B-44	TB201-4 - B-24	
5	WE93	T201-5 - B-44	S201A-SSB - B-12	
6	WE95	T201-6 - B-44	S201A-CW B-12	
7	TA96	T201-10 - B-44	XF205-1 - B-32	
8	TA912	T201-11 - B-44	TB207-2 - B-21	
9	WE9	J204-SILVER B-40	TB201-2 - B-24	
10	WB9	J204-SILVER B-40	T202-1 - B-43	
11	WE95	XF204-1 - B-39	TB201-5 - B-24	
95	WC9	J204-Green - B-42	Gnd.-No. 1 - B-36	
12	WB905	T202-2 - B-43	TB203-5 - B-16	
13	TA96	C205-1 - B-41	TB211-7 - B-34	
14	TA926	C205-2 - B-41	R203-1 - B-36	
15	WE96	R201-1 - B-38	K201-1 - B-25	
16	WE93	R201-2 - B-38	K201-? - B-25	
17	WE95	R215-2 - B-38	R207-2 - B-35	
62	WE93	R201-2 - B-38	S201B-ARM - B-12	
18	TA95	R210-R214 JCT. - B-37	S207B-EP - B-6	
19	TA926	R203-1 - B-36	TB202-2 - B-17	
20	TA912	R203-2 - B-36	M202+ - B-10	
21	TA912	R203-? - B-36	TB211-2 - B-34	
22	WC90	GND-NO.1 - B-36	GND.-NO. 2 - B-23	

544 6875 00

CAL CHANGE

Tolerance Unless Otherwise Specified: Fractional ±	Decimal ±	Angles ±	Scales	Details
REVISION 0				

4367 735

SHEET 5 OF 8

544 6875 00

WIRE NO.	WIRE CODE	FROM	TO	LENGTH (IN.)
23	TA90	CR207 - B-15	TB204-2 - B-20	
24	TA9235	CR205 - B-15	TB202-4 - B-17	
25	TA935	CR205+ B-15	TB202-5 - B-17	
26	TA935	CR205+ B-15	K201-3 - B-25	
27	TA926	TB202-2 - B-17	K205-3 - B-14	
28	TA925	TB202-3 - B-17	R219-3 - B-28	
29	TA906	TB204-2 - B-20	S201C-CW - B-12	
30	TA905	TB203-3 - B-16	S201C-ARM - B-12	
31	TA905	TB203-3 - B-16	R219-2 - B-28	
32	WB9	TB203-4 - B-16	TB205-4 - B-20	
33	WB9	TB203-4 - B-16	TB201-2 - B-24	
55	WB905	TB203-5 - B-16	XK202-3 - B-21	
34	TA913	R234 - B-17	K203-7 - B-19	
35	TASJ93	XV203-7 - B-17	J202 - B-14	
36	TA902	TB210-3 - B-9	S207A-Ig - B-7	
37	TA9256	TB210-4 - B-4	TB101-1 - B-9	
38		-	-	
39		-		
40	WE95	K203-1 - B-19	XF203-2 - B-30	
41	TA956	K203-3 - B-19	S203-2 - B-9	
42	WE93	K203-5 - B-19	XF202-2 - B-31	
43	WE91	K203-6 - B-19	K201.5 - B-25	
44	TA913	K203-7 - B-19	TB211-9 - B-29	
45	TA9025	K203-8 - B-19	TB211-11 - B-29	

544 6875 00

CAL CHANGE

Tolerance Unless Otherwise Specified: Fractional ± Decimal ± Angle ± Scale: Detail:

REVISION 0 P

5446875 00

WIRE NO.	WIRE CODE	FROM	TO	LENGTH (IN.)
46	TA9025	K203-8 -B-19	XDS202-1 -B-9	
47	TA923	K203-9 -B-19	S203-1 -B-9	
52	TA96	K203-2 -B-19	TB205-1 -B-20	
96	WE96	K203-2 -B-19	K201-1 -B-25	
48	TA903	TB210-2 -B-8	S207A-E_g -B-7	
49	TA903	TB203-2 -B-16	R219-1 -B-28	
50	TA935	TB204-4 -B-20	S207A-E_{FIL} -B-7	
51	TA9123	TB204-5 -B-20	R230-3 -B-28	
53	TASJ91	TB205-5 -B-20	TB101-3 -B-3	
54	WB9	TB205-4 -B-20	K201-4 -B-29	
56	WB905	XK202-3 -B-21	R230-2 -B-28	
57	TA9235	XK202-5 -B-21	S208-2 -B-12	
58	TA96	S205-2 -B-21	K204-3 -B-26	
59	WE93	TB201-1 -B-24	XF202-1 -B-31	
60	WE95	TB201-5 -B-24	XF203-1 -B-30	
61	WC9	GND.-NO.2 -B-23	TB103-1 -B-13	
63	WB9	K201-4 -B-29	S207B-E_{FIL} -B-7	
64	TA95	K204-1 -B-26	S206-2 -B-27	
65	TA92	K204-2 -B-26	M202- -B-10	
66	TA9023	K204-4 -B-26	TB104-4 -B-13	
67	TA926	TB21A-4 -B-34	XF205-2 -B-32	
68	TA926	TB211-12-B-29	C211-A -B-27	
69	TA926	TB211-12-B-29	TB103-3 -B-13	
70	TA923	TB211-10-B-29	C211-B -B-27	

5446875 00

CAL CHANGE

Tolerance Unless Otherwise Specified:	Fractional ±	Decimal ±	Angles ±	Scale:	Detail:
REVISION 0					
P					

WIRE NO.	WIRE CODE	FROM	TO	LENGTH (IN.)
71	TA923	TB211-10 -B-29	TB104-2 -B-13	
85	TA912	TB211-9 -B-29	TB209-2 -B-11	
86	TA913	TB211-9 -B-29	XDS201-1 -B-2	
72	WC95	S206-2 -B-27	R207-2 -B-35	
73	WB905	R230-2 -B-28	S202-2 -B-8	
74	WB9123	R230-3 -B-28	TB102-1 -B-4	
97	WB95	XF203-1 -B-30	XF201-1 -B-33	
75	WB95	XF201-2 -B-33	S202-1 -B-8	
76	WC95	R207-2 -B-35	TB104-3 -B-13	
77	TA90	J203 -B-14	TB103-4 -B-13	
78	TA92	K205-2 -B-14	TB103-2 -B-13	
79	TA926	K205-3 -B-14	S207B-Eg -B-7	
80	TA93	K205-5 -B-14	TB101-2 -B-4	
81	WC9	TB103-1 -B-13	GND.-NO.3 -B-8	
82	TA91	S201D-SSB -B-12	TB102-4 -B-3	
83	TA90	S201D-ARM -B-12	TB101-4 -B-3	
84	TA90	S201D-ARM -B-12	S207A-LOADING -B-7	
92	WB905	S202-2 -B-8	TB102-3 -B-3	
98	WB9	TB102-2 -B-4	S207B-E_{FIL} -B-7	
87	TA913	TB209-3 -B-11	TB208-1 -B-5	
88	TA912	M202+ -B-10	S207B-I_{sc} -B-6	
89	TA9	TB208-2 (GROUND) B5	TB207-1 -B-21	
90	TA916	TB208-3 -B-5	S207B-ARM -B-6	
91	TA915	M201- -B-5	S207A-ARM -B-6	

544 6875 00

Tolerance Unless Otherwise Specified: Fractional: ± Decimal: ± Angle: ± Scale: Detail:

REVISION 0 P

CAL CHANGE

4367 735

SHEET 8 OF 8

EXP. NO.

COLLINS

TITLE

COLLINS RADIO COMPANY, CEDAR RAPIDS, IOWA

544 6875 00

USED ON ASSEMBLY

COLLINS NO.	Q'T'Y	TYPE

DRAWN BY	APPROVED BY	CHECKED BY	DATE
	EBHallock	RCB	

WIRE NO.	WIRE CODE	FROM	TO
94	TA9	GND.-NO.4 -B-3	XDS203-2 -B-1
93	TA913	XDS201-2 -B-2	XDS203-1 -B-1
99	WE92	R233-2 -B-38	S201A-ARM -B-12
100	WE92	R233-2 -B-38	K201-6 -B-25
101	WE91	R233-1 -B-38	K201-5 -B-25
102	TA956	S203-2 -B-9	S208-1 -B-12
103	TA916	TB207-5 -B-21	TB211-5 -B-34
104	TA913	S207B 1g -B-7	S201C-SSB -B-12
105	TA95	K204-1 -B-26	TB207-3 -B-21
106	TA 92	K204-2 -B-26	E1 -B-23

544 6875 00

Tolerance Unless Otherwise Specified: Fractional: ± Decimal: ± Angle: ± Scale: Detail:

REVISION 0 P