

3.2

4367 125 June 1959

ENGINEERING BILL OF MATERIAL LIST

EXP. NO. 3714A131

SHEET 1 OF 8 SHEETS

<p align="center"><b>COLLINS</b></p> <p align="center">COLLINS RADIO COMPANY, CEDAR RAPIDS, IOWA</p> <p>EQUIPMENT TYPE NO. 305-1</p>		<p align="center"><b>544 6875 00</b></p> <p align="center">USED ON ASSEMBLY</p>		
<p>B/M FOR: <u>CABLE-305-1</u></p>		<p>COLLINS NO. <u>544 6874 00</u></p>	<p>QTY. <u>1</u></p>	<p>TYPE <u>305-1</u></p>
<p>ENGINEER <u>Beason</u> APPROVED <u>D.B. Hallock</u></p>		<p>QUANTITIES ARE FOR ONE ASSEMBLY</p>		
QUAN-TITY	TEM NO.	COLLINS PART NO.	PART NAME	CHECKED <u>HE</u> DATE <u>7-15-58</u>
	A			
<u>1</u>	B	<u>304 0246 00</u>	<u>TERMINAL-LUG, No 8</u>	
	C			(FT)
<u>75.0</u>	D	<u>435 1019 00</u>	<u>CORD-LACING</u>	(FT)
<u>6.6</u>	E	<u>422-0937-000</u>	<u>WIRE-ELECT., WC9</u>	(FT)
<u>4.7</u>	F	<u>422-0942-000</u>	<u>WIRE-ELECT., WC95</u>	(FT)
<u>4.0</u>	G	<u>422-0608-000</u>	<u>WIRE-ELECT., WE9</u>	(FT)
<u>6.3</u>	H	<u>422-0609-000</u>	<u>WIRE-ELECT., WE90</u>	(FT)
<u>10.9</u>	J	<u>422-0610-000</u>	<u>WIRE-ELECT., WE91</u>	(FT)
<u>13.0</u>	K	<u>422-0611-000</u>	<u>WIRE-ELECT., WE92</u>	(FT)
<u>18.3</u>	L	<u>422-0612-000</u>	<u>WIRE-ELECT., WE93</u>	(FT)
<u>15.8</u>	M	<u>422-0613-000</u>	<u>WIRE-ELECT., WE95</u>	(FT)
<u>9.6</u>	N	<u>422-0614-000</u>	<u>WIRE-ELECT., WE96</u>	(FT)
<u>14.7</u>	P	<u>439-9950-000</u>	<u>WIRE-ELECT., WB9</u>	(FT)
<u>5.9</u>	R	<u>439-4009-000</u>	<u>WIRE-ELECT., TA905</u>	(FT)
<u>5.8</u>	S	<u>439-9956-000</u>	<u>WIRE-ELECT., WB95</u>	(FT)
<u>15.4</u>	T	<u>439-9960-000</u>	<u>WIRE-ELECT., WB905</u>	(FT)
<u>5.6</u>	U	<u>439-1130-140</u>	<u>WIRE-ELECT., WB9123</u>	(FT)
<u>6.6</u>	V	<u>439-4000-000</u>	<u>WIRE-ELECT., TA9</u>	(FT)
<u>9.0</u>	W	<u>439-4001-000</u>	<u>WIRE-ELECT., TA90</u>	(FT)
<u>4.2</u>	Y	<u>439-4002-000</u>	<u>WIRE-ELECT., TA91</u>	(FT)
<u>7.6</u>	Z	<u>439-4003-000</u>	<u>WIRE-ELECT., TA92</u>	(FT)
<p>Tolerances Unless Otherwise Specified: Fractional ±, Decimal ±, Angles ±, Scales, Details:</p>				
REVISION	0		<u>C R71959 2-11-59</u>	<u>F R80720 10-20-59</u>
	<u>A</u>	<u>R67808 10-31-58</u>	<u>D R73579 4-13-59</u>	<u>G R95007 27 OCT 1960</u>
	<u>B</u>	<u>R69500 12-22-58</u>	<u>E R77066 7-28-59</u>	<u>H 576099 10 JUN 1963</u>

CR 2 NB DL TR I  
 F. Date F. Date F. Date  
 REGION CODES  
 074-8083-000

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.

544 6875 00

ENGINEERING BILL OF MATERIAL LIST

4367 735

EXP. NO. 3714A131

SHEET 2 OF 8 SHEETS

COLLINS RADIO COMPANY, CEDAR RAPIDS, IOWA EQUIPMENT TYPE NO. 305-1		544 6875 00		
		USED ON ASSEMBLY		
B/M FOR: <u>CABLE - 305-1</u>		COLLINS NO. 522 1286 00	QTY. 1	TYPE 305-1
ENGINEER <u>Beaman</u> APPROVED <u>DB Hallock</u>		CHECKED <u>lye</u> DATE 7-15-58		
QUAN- TITY	TEM NO.	QUANTITIES ARE FOR ONE ASSEMBLY		
		COLLINS PART NO.	PART NAME	
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	439-4020-000	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., TASJ91	(FT)
2.2	AZ	439-5213-000	WIRE-ELECT., TASJ93	(FT)
Tolerances Unless Otherwise Specified: Fractions: ± Decimals: ± Angles: ± Scales: Details:				
REVISION	0	LH94332 11 NOV 69 PL20267 8-2-76		
	JH29453	5 JAN 1968 MK18084 17 SEP 70		
	KH45696	22 MAY 1968 NK43293 14 SEP 71		

544 6875 00

EXP. NO. 3714 A131

SHEET 3 OF 8 SHEETS

		COLLINS RADIO COMPANY, CEDAR RAPIDS, IOWA EQUIPMENT TYPE NO. 305-1		<b>544 6875 00</b>	
		B/M FOR: <u>CABLE-305-1</u>		USED ON ASSEMBLY	
ENGINEER <u>Beason</u> APPROVED <u>DB Hallock</u>		COLLINS NO. 522 1286 00	QTY. 1	TYPE 305-1	
QUAN- TITY	ITEM NO.	COLLINS PART NO.	PART NAME	CHECKED	DATE
	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 091401	TERMINAL-LUG, No. 6 SLOTTED		
2	BG	304 0915 00	TERMINAL-LUG, No. 8 SLOTTED		
6	BH	304 0917 00	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				
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SHEET 4 OF 8  
544 687500

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	K201-2 - 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	R203-2 - B-36	TB211-2 - B-34	
22	WC90	GND-NO.1 - B-36	GND.-NO. 2 - B-23	

544 687500

CAL CHANGE

REVISION	0						
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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	TAS193	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	WB95	K203-1 - B-19	XF203-2 - B-30	
41	TA956	K203-3 - B-19	S203-2 - B-9	
42	WB93	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 687500

CAL CHANGE

Tolerances Unless Otherwise Specified		Fractions ±	Decimals ±	Angles ±	Notes
REVISION	0				
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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 <sub>g</sub> -B-7	
49	TA903	TB203-2 -B-16	R219-1 -B-28	
50	TA935	TB204-4 -B-20	S207A-E <sub>FIL</sub> -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 <sub>FIL</sub> -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	TB211-4 -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	

CAL CHANGE

544687500

REVISION	0	1	2	3	4	5	6	7	8	9
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SHEET 7 OF 8  
544 6875 00



WIRE NO.	WIRE CODE	FROM	TO	LENGTH (IN.)
71	TA923	TB211-10-B-29	TB104-2 -B-13	
85	TA912	TB211-9-B-29	TE209-2 -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 <sub>FIL</sub> -B-7	
87	TA913	TE209-3 -B-11	TE208-1 -B-5	
88	TA912	M202+ -B-10	S207B-I <sub>sc</sub> -B-6	
89	TA9	TE208-2 (GROUND) B9	TE207-1 -B-21	
90	TA916	TE208-3 -B-5	S207B-ARM -B-6	
91	TA915	M201- -B-5	S207A-ARM -B-6	

544 6875 00

CAL CHANGE

Tolerance Unless Otherwise Specified	Position ±	Depth ±	Angle ±	Size	Detail
REVISION	0				
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