

# MATERIAL LIST

TOTAL SHEETS

FOR

REVISION D 5/3/72

TMC MODEL - CMRA-1

TITLE- SDBND EXCITER

USED ON  
MODEL -

TSTE-10K

CONSISTS OF  
SUPPORTING LISTS

LAST SYMBOLS

MISSING SYMBOLS

A-3822	A-4220-1
A-4215	A-4220-2
A-4216	A-4220-3
A-4217	A-4220-4
A-4218	
A-4219	

COMPILED ENG. COORD  
CHECKED \_\_\_\_\_  
ENG APPR \_\_\_\_\_  
FNL APPR J. SABATINO  
ISS DATE 10/25/66

ENGINEERING JOB NUMBER

# E \_\_\_\_\_

§ FOR SPECIAL NOTES,  
REFER TO S1200.

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PART NUMBER	DESCRIPTION	USED ON	QUANTITY	QUANTITY PER UNIT	REFERENCE SYMBOLS	SPECIAL NOTES REFER TO S 1200
A-3822	TEST CARD	A-5059	1	1*		1
A-4215	PWR SUP, MODL	A-5059	1	1*	Z1001	1
A-4216	SYNTH A, MODL	A-5059	1	1*	Z1010	1
A-4217	LOGIC, MODL	A-5059	1	1*	Z1002	1
A-4218	SYNTH B, MODL	A-5059	1	1*	Z1009	1
A-4219	OUT. AMPL, MODL	A-5059	1	1*	Z1003	1
A-4220-1	IF AMPL, CH A1	A-5059	1	1*	Z1005	1
A-4220-2	IF AMPL, CH B1	A-5059	1	1*	Z1006	1
A-4220-3	IF AMPL, CH A2	A-5059	1	1*	Z1004	1
A-4220-4	IF AMPL, CH B2	A-5059	1	1*	Z1007	1
A-5059	CMRA-1 FNL ASY	CMRA-1	1	1*		
A-5060	CMRA-1 SUBASY	A-5059	1	1*		
A-5061	CHAS ASSY, MAIN	A-5060	1	1*		
A-5062	SW-SOL ASSY	A-5061	1	1*		
A-5063	PNL ASSY, FR	A-5060	1	1*		
A-5064	PL ASSY, REAR	A-5060	1	1*		
A-5065	PL ASSY, R SD	A-5060	1	1*		
A-5066	PL ASSY, L SD	A-5060	1	1*		
BI101-1819	LAMP, INCAND	A-5063	1		DS1001	

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PART NUMBER	DESCRIPTION	USED ON	QUANTITY	QUANTITY PER UNIT	REFERENCE SYMBOLS	SPECIAL NOTES REFER TO S 1200
		A-5063	1		DS1003	
		A-5063	1		DS1004	
		A-5063	1		DS1005	
		A-5063	1		DS1006	
		A-5063	1	6*	DS1007	
CA0581-2	CBL ASSY,PWR	CMRA-1	1	1*		2
CA1118	WRG HARN,BRCHD	A-5061	1	1*		
CA1124	CBL ASSY,RF	A-5061	1	1*		
CA1180	WRG HARN,BRCHD	A-5061	1	1*		
CB21QB102K	CAP.,FXD,MICA	A-5064	1		C1012	
		A-5064	1		C1013	
		A-5064	1		C1014	
		A-5064	1		C1015	
		A-5064	1		C1016	
		A-5064	1		C1017	
		A-5064	1		C1018	
		A-5064	1		C1019	
		A-5064	1		C1020	
		A-5064	1		C1021	
		A-5064	1		C1022	
		A-5064	1		C1023	
		A-5064	1		C1024	
		A-5064	1		C1025	
		A-5064	1		C1026	
		A-5064	1		C1027	
		A-5064	1		C1028	
		A-5064	1		C1029	
		A-5064	1		C1030	
		A-5064	1		C1031	
		A-5064	1		C1032	
		A-5064	1		C1033	

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PART NUMBER	DESCRIPTION	USED ON	QUANTITY	QUANTITY PER UNIT	REFERENCE SYMBOLS	SPECIAL NOTES REFER TO S 1200
		A-5064	1		C1034	
		A-5064	1		C1035	
		A-5064	1		C1036	
		A-5064	1		C1037	
		A-5064	1		C1038	
		A-5064	1		C1039	
		A-5064	1		C1040	
		A-5064	1		C1041	
		A-5064	1		C1042	
		A-5064	1	32*	C1043	
CD101-1MW	CD, NYLON, LACNG	CA1118				
		CA1124		*		
CE112-11	CAP., FXD, ELECT	A-5061	1	1*	C1001	
CH507	CHART, UNIT BKD	CMRA-1	1	1*		
CK1020	DIAG, SCHEM	CMRA-1	1	1*		
CL240-120	COIL, RF, FXD	A-5064	1		L1023	
		A-5064	1		L1024	
		A-5064	1		L1025	
		A-5064	1		L1026	
		A-5064	1		L1027	
		A-5064	1		L1028	
		A-5064	1		L1029	
		A-5064	1		L1030	
		A-5064	1		L1031	
		A-5064	1		L1032	
		A-5064	1		L1033	
		A-5064	1		L1034	
		A-5064	1		L1035	
		A-5064	1		L1036	
		A-5064	1		L1037	
		A-5064	1	16*	L1038	



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PART NUMBER	DESCRIPTION	USED ON	QUANTITY	QUANTITY PER UNIT	REFERENCE SYMBOLS	SPECIAL NOTES REFER TO S 1200
DD114-1	SUPPR, ARC	MS4564	2	28*		
EY101-3	EYELET, MTL	A-5062	1	1*	CR1004	
		MS4368	6			
		MS4371	46			
		MS4564	4	56*		
FH100-2	FUSEHOLDER	A-5064	1		XF1001	
		A-5064	1		XF1002	
		A-5064	1		XF1003	
		A-5064	1	4*	XF1004	
FS102-1	LOCKSPRING	A-5064	4			
		A-5065	6			
		A-5066	6	16*		
FS109-3	RING, RETAINING	MS4366	16	16*		
FS110-1	STUD, TURNLOCK	MS4366	16	16*		
FU100-1	FUSE, CTG, 1A	A-5064	1		F1002	
		A-5064	1		F1003	
		A-5064	1	3*	F1004	
FU102-1	FUSE, CTG, 1A	A-5064	1	1*	F1001	
FW04HBN	WASH., FLAT	A-5061	18			
		A-5064	2	20*		
FW06HBN	WASH., FLAT	A-5061	1			
		A-5062	4	5*		
HA102-16BN	HDL, BOW	A-5063	2	2*		
JJ293-22SFE	CONN, RECP, FML	A-5061	1		J1001	

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		A-5061	1		J1002	
		A-5061	1		J1003	
		A-5061	1		J1004	
		A-5061	1		J1005	
		A-5061	1		J1006	
		A-5061	1		J1007	
		A-5061	1		J1009	
		A-5061	1	9*	J1010	
KY104	KEY	A-5061	18	18*		
LA101	BND, MKR, CBL	CA1124	32	32*		
LD1784/MS4372	PNL, FRONT	A-5063	1	1*		
LD1880/MS4373	PL, REAR	A-5064	1	1*		
LD1895/MS4563	BRKT, MTG, SOL	A-5062	1	1*		
LD1896/MS4371	CHAS, MN	A-5061	1	1*		
LD2059/MS4366	COV, TOP/BOT	A-5059	2	2*		
LWE04MRN	WASH., LK, EXT	A-5061	8			
		A-5064	3			
		A-5064	8	19*		
LWE06MRN	WASH., LK, EXT	A-5060	20			
		A-5062	8	28*		
LWE08MRN	WASH., LK, EXT	A-5060	4	4*		
LWIO4MRN	WASH., LK, INT	A-5061	16	16*		
LWS03MRN	WASH., LK, SPLIT	A-5061	2			
		A-5064	8			

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PART NUMBER	DESCRIPTION	USED ON	QUANTITY	QUANTITY PER UNIT	REFERENCE SYMBOLS	SPECIAL NOTES REFER TO S 1200
		A-5065	12			
		A-5066	12	34*		
MP123-5FB	KNOB	A-5063	6	6*		
MR154	METER, AUDIO	A-5063	1	1*	M1001	
MS0154-1	PL, MTG, TERM. BD	A-5064	4	4*		
MS3057-8	CLP, CBL, EL CON	CA0581-2	1	1*		2
MS3102A16S5P	CONN, RECP, ML	A-5064	2	2*	J1011	
MS3106A16S5S	CONN, PL, FML	CA0581-2	1	1*		2
MS3420-6A	BUSH., RUB.	CA0581-2	1	1*		2
MS4050-4	RET, CAP.	A-5061	2	2*		
MS4366	COV, TOP/BOT	LD2059/MS4366	2	2*		
MS4367	PLATE, DIVIDER	A-5061	1	1*		
MS4368	BRKT, SLIDE SPT	A-5061	1	1*		
MS4369	PLATE, R SD	A-5065	1	1*		
MS4370	PLATE, L SD	A-5066	1	1*		
MS4371	CHAS, MN	LD1896/MS4371	1	1*		
MS4372	PNL, FRONT	LD1784/MS4372	1	1*		
MS4373	PL, REAR	LD1880/MS4373	1	1*		
MS4563	BRKT, MTG, SOL	LD1895/MS4563	1	1*		

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PART NUMBER	DESCRIPTION	USED ON	QUANTITY	QUANTITY PER UNIT	REFERENCE SYMBOLS	SPECIAL NOTES REFER TO S 1200
MS4564	BRKT, MTG, PC BD	A-5061	2	2*		
MS4565	SHIELD	A-5061	4	4*		
MS4798	BRKT, CBL MTG	A-5064	2	2*		
MWC22/7/U0	WIRE, ELEC, INS	CA1118	201	201*		
MWC22/7/U1	WIRE, ELEC, INS	CA1118	138	138*		
MWC22/7/U2	WIRE, ELEC, INS	CA1118	204	204*		
MWC22/7/U3	WIRE, ELEC, INS	CA1118	55	55*		
MWC22/7/U4	WIRE, ELEC, INS	CA1118	97	97*		
MWC22/7/U5	WIRE, ELEC, INS	CA1118	153	153*		
MWC22/7/U6	WIRE, ELEC, INS	CA1118	195	195*		
MWC22/7/U7	WIRE, ELEC, INS	CA1118	385	385*		
MWC22/7/U8	WIRE, ELEC, INS	CA1118	233	233*		
MWC22/7/U9	WIRE, ELEC, INS	CA1118	31	31*		
MWC22/7/U91	WIRE, ELEC, INS	CA1118	6	6*		
MWC22/7/U92	WIRE, ELEC, INS	CA1118	68	68*		
MWC22/7/U96	WIRE, ELEC, INS	CA1118	91	91*		
MWC22/7/U97	WIRE, ELEC, INS	CA1118	132	132*		
MWC22/7/U98	WIRE, ELEC, INS	CA1118	36	36*		
NP102-99	PLATE, IDENT	A-5063	1	1*		

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PART NUMBER	DESCRIPTION	USED ON	QUANTITY	QUANTITY PER UNIT	REFERENCE SYMBOLS	SPECIAL NOTES REFER TO S 1200
NTH0348BN6	NUT, PLN, HEX	A-5061	2			
		A-5064	8			
		A-5065	12			
		A-5066	12	34*		
NTH0440BN6	NUT, PLN, HEX	A-5064	4			
		A-5064	8	12*		
NTH0440BN8	NUT, PLN, HEX	A-5061	4			
		A-5061	18	22*		
NTH0632BN8	NUT, PLN, HEX	A-5060	20			
		A-5061	8			
		A-5062	4	32*		
NT129-1032-4	NUT, PLN, SPLINE	MS4369	4			
		MS4370	4			
		MS4798	2	10*		
NT129-440-4	NUT, PLN, SPLINE	MS4361	4	4*		
NT129-832-4	NUT, PLN, SPLINE	MS4369	5			
		MS4370	5	10*		
PL218	CONN, PL, ML, AC	CA0581-2	1	1*		2
PX337-18	INS, TERM. BD	A-5064	2	2*		
RC20GF101J	RES, FXD, COMP	A-5062	1	1*	R1013	
RC20GF151J	RES, FXD, COMP	A-5062	1	1*	R1012	
RC20GF160J	RES, FXD, COMP	A-5062	1	1*	R1016	
RC20GF201J	RES, FXD, COMP	A-5062	1	1*	R1014	
RC20GF330J	RES, FXD, COMP	A-5062	1	1*	R1015	

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RC20GF331J	RES, FXD, COMP	A-5063	1		R1007	
		A-5063	1		R1008	
		A-5063	1		R1009	
		A-5063	1	4*	R1010	
RC20GF362J	RES, FXD, COMP	A-5061	1	1*	R1018	
RC20GF392J	RES, FXD, COMP	A-5061	1	1*	R1017	
RC42GF561J	RES, FXD, COMP	A-5061	1	1*	R1001	
RG174/U	CBL, RF	CA1124	498	498*		
RL156-1	REL ARM.-DPDT	A-5061	1	1*	K1002	
RL156-5	REL, ARM.-6PDT	A-5062	1	1*	K1001	
RV4NAYSC102AYY	RES, VAR-COM	A-5063	1		R1002	
		A-5063	1		R1003	
		A-5063	1		R1004	
		A-5063	1	4*	R1005	
SCBP0348BN3	SCR, MACH	A-5064	31	31*		
SCBP0348BN7	SCR, MACH	A-5061	2	2*		
SCBP0440BN10	SCR, MACH	A-5061	18			
		A-5064	6	24*		
SCBP0440BN12	SCR, MACH	A-5064	2	2*		
SCBP0440BN5	SCR, MACH	A-5061	8	8*		
SCBP0440BN6	SCR, MACH	A-5064	4	4*		
SCBP0632BN4	SCR, MACH	A-5060	20	20*		

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SCBP0632BN5	SCR, MACH	A-5061	5	5*		
SCBP0632BN8	SCR, MACH	A-5062	4	4*		
SCBP0832BN5	SCR, MACH	A-5060	4	4*		
SCBP0832BN8	SCR, MACH	A-5060	6	6*		
SCFP0348BN4	SCR, MACH	A-5065	12			
		A-5066	12	24*		
SCFP0348BN5	SCR, MACH	A-5064	8	8*		
SCFP1032BN8	SCR, MACH	A-5063	4	4*		
SFB0256SN3	SCR, TAP., THD	A-5063	4	4*		
ST12A	SW, TOGGLE-SPST	A-5063	1	1*	S1001	
ST22N	SW, TOGGLE-DPDT	A-5062	1	1*	S1005	
SW120	SW, ROTARY	A-5063	1	1*	S1004	
SW403	SW-SOL, ROT.	A-5062	1	1*	S1003ABC	
S987	TEST PROC	CMRA-1	1	1*		
TE0102-2	TERM., STUD-INS	A-5061	2	2*		
TE0104-1	TERM., LUG-LKG	A-5061	3			
		A-5064	1	4*		
TE0111-2	TERM., LUG	A-5064	2	2*		
TE0632AE19H	POST, ELEC-MECH	A-5061	1	1*		
TF0269	XFMR, PWR	A-5061	1	1*	T1001	

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PART NUMBER	DESCRIPTION	USED ON	QUANTITY	QUANTITY PER UNIT	REFERENCE SYMBOLS	SPECIAL NOTES REFER TO S 1200
TM100-18	TERM.BD,BARR	A-5064 A-5064	1 1	 2*	TB1001 TB1002	
TM105-18AL	TERM.,BD-FNG	CMRA-1	2	2*		
TS106-1	LIGHT,IND-RED	A-5063	1	1*	XDS1001	
TS106-2	LIGHT,IND-CLR	A-5063	1	1*	XDS1003	
TS106-3	LIGHT,IND-GRN	A-5063 A-5063 A-5063 A-5063	1 1 1 1	   4*	XDS1004 XDS1005 XDS1006 XDS1007	
TS166-1	SOC,TSTR MTG	A-5061	1	1*	XQ1001	
TS171-1	SOC,REL-W/RET	A-5061	1	1*	XK1002	
TS171-2	SOC,REL-W/RET	A-5062	1	1*	XK1001	
UG625/U	CONN,RECP,BNC	A-5064 A-5064	1 1	 2*	J1013 J1014	
WI134-6-12	CBL,PWR,3/C,CL	CA0581-2	1	1*		2
1N2978	SCOND DEV,DIO	A-5061	1	1*	CR1001	
1N2978RB	SCOND DEV,DIO	A-5061	1	1*	CR1003	
1N2988B	SCOND DEV,DIO	A-5061	1	1*	CR1002	
1N627	SCOND DEV,DIO	A-5061 A-5061 A-5061 A-5061	1 1 1 1	   4*	CR1005 CR1006 CR1007 CR1008	
2N2143	TRANSISTOR	A-5061	1	1*	Q1001	

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2/27/67 REV A	EMN 17812			*		
4/4/67 REV B	EMN 18018			*		
4/22/69 REV.C	EMN19390			*		
5/3/72 REV D	EMN 20666			*		