

REV.	DATE
Ø	9 DEC. 70
A	25 JAN. 71
B	29 JAN. 71
C	1 FEB. 71
D	9 FEB. 71
E	8 FEB. 71
F	21 JAN. 72
G	30 MAR. 72
H	30 Mar. 73

MODEL  
VMC-8

ANTENNA MULTICOUPLER

LIST SECTIONS

1. SUPPORTING NOTES
2. SUPPORTING LISTS
3. ELECTRICAL/MECHANICAL
4. SUPP ASSY/REF DWGS.
5. SPECIFICATIONS
6. LOOSE PARTS
7. PARTS PARTICULAR

Sheet No.  
See Below

SUPPORTING LISTS

- A10920-5 PC. ASSY. PRE-AMP
- A10921-5 PC. ASSY. OUTPUT AMP
- A10922-5 PC. ASSY. REGULATOR
- TR10011 TRANSFORMER R.F.

COMPILED *G. L. Thompson*  
 CHECKED  
 APPROVED  
 ENL APPR *111*  
 ISS DATE

**MATERIAL LIST/NUMERICAL PARTS LIST**

TOTAL SHEET 1 OF 1

REV:      USED ON MODEL: VMC-8      USED ON SECTION:      ASSY SHEET 1 OF 1

NEXT ASSY:      QTY PER NEXT ASSY:      ASSY LEVEL:      ASSY DESC: ANT. MULTICOUPLER VHF      ASSY PART NO: VMC-8

PART NO.	DESCRIPTION	ITEM LOCATION			QTY. PER ASSY.	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY PER U/T/M			
A10929	MAIN ASSY	VMC-8			1		
A10927	TOP COVER ASSY	VMC-8			1		
A10928	BOT COVER ASSY	VMC-8			1		
CK10773	SCHEMATIC	VMC-8			1		
LP10027	LOOSE ITEMS PKG	VMC-8			1		

**MATERIAL LIST/NUMERICAL PARTS LIST**

TOTAL SHEET 2 OF 15

PART NO.	DESCRIPTION	ITEM LOCATION			QTY. PER ASSY.	REFERENCE SYMBOLS	REMARKS	
		USED ON ASSEMBLY	USED TO MOUNT	QTY PER U/T/M				
		USED ON MODEL:	VMC-8					USED ON SECTION:
NEXT ASSY:		QTY PER NEXT ASSY:	ASSY LEVEL:	ASSY DESC:	MAIN ASSY			ASSY PART NO: A10929
A10923	FRT PNL ASSY	A10929			1			
A10924	PWR CHASSIS ASSY	A10929			1			
A10925	REAR PNL ASSY	A10929			1			
A10949	SIDE PNL ASSY L.H.	A10929			1			
A10950	SIDE PNL ASSY R.H.	"			1			
AX10074	PRE-AMP ASSY	A10929			1			
AX10075	OUTPUT AMP ASSY	A10929			8			
CA10635	CBL ASSY	A10929			1			
CA10636	CBL ASSY	"			1			
CA10676-1	CBL ASSY OUTPUT	"			9			
CA10697-2	" " PRE-AMP	"			1			
CA10638	CBL ASSY	"			1			
CU102-1	CLAMP 'G' TYPE	A10929			3			
CU102-3	" " "	"			1			
MS11259	MOD. SUP	A10929			1			
TR10010	PWR DIV.	A10929			1			
WL100-6	WIRE BUSS	"			X			

**MATERIAL LIST/NUMERICAL PARTS LIST**

TOTAL SHEET 3 OF

ASSY SHEET 1 OF 1

REV

USED ON MODEL: VMC-8

USED ON SECTION:

NEXT ASSY:

QTY PER NEXT ASSY:

ASSY LEVEL:

ASSY DESC:

TOP COVER ASSY

ASSY PART NO: A10927

LIST SECTION

PART NO.	DESCRIPTION	ITEM LOCATION			QTY. PER ASSY.	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY PER U/T/M			
FS10943	STUD FSTNR	A10927			6		
FS110-1	RETAINING RING	A10927			6		
MS11264	COV. TOP	A10927			1		

**MATERIAL LIST/NUMERICAL PARTS LIST**

TOTAL SHEET 4 OF

REV

USED ON MODEL: VMC-8

USED ON SECTION:

ASSY SHEET 1 OF 1

NEXT ASSY:

QTY PER NEXT ASSY:

ASSY LEVEL:

ASSY DESC:

BOTTOM COVER ASSY

ASSY PART NO: A10928

LIST SECTION

PART NO.

DESCRIPTION

ITEM LOCATION

USED ON ASSEMBLY

USED TO MOUNT

QTY PER U/T/M

QTY. PER ASSY.

REFERENCE SYMBOLS

REMARKS

FS10943

STUD FSTNR

A10928

6

FS11041

RETAINING RING

A10928

6

MS11264

COV. BOTTOM

A10928

1

**MATERIAL LIST/NUMERICAL PARTS LIST**

TOTAL SHEET 5 OF

REV

USED ON MODEL: VMC-8

USED ON SECTION:

ASSY SHEET 1 OF 1

NEXT ASSY:

QTY PER NEXT ASSY:

ASSY LEVEL:

ASSY DESC:

LOOSE ITEM PACKAGE

ASSY PART NO: LP10027

NUMERICAL PARTS LIST

PART NO.	DESCRIPTION	ITEM LOCATION			QTY. PER ASSY.	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY PER U/T/M			
0740541	PWR CAB	LP10027			1		
UG21 B/U	CONNECTOR	LP10027			1		
UG536B	CONNECTOR	LP10027			8		
IN 8035	MANUAL	LP10027			1		
S10203	TEST PROCEDURE	LP10027			1		

**MATERIAL LIST/NUMERICAL PARTS LIST**

TOTAL SHEET 6 OF

REV: \_\_\_\_\_ USED ON MODEL: VMC-8 USED ON SECTION: \_\_\_\_\_ ASSY SHEET 1 OF 1

NEXT ASSY: \_\_\_\_\_ QTY PER NEXT ASSY: \_\_\_\_\_ ASSY LEVEL: \_\_\_\_\_ ASSY DESC: FRONT PANEL ASSY ASSY PART NO: A10923

PART NO.	DESCRIPTION	ITEM LOCATION			QTY. PER ASSY.	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY PER U/T/M			
BI100-51	LAMP GLOW	A10923			1	DS101	
CU139-1B	FERRULE HDLE	A10923			4		
FH103	FUSE HOLDER	A10923			2		
FU102-.5	FUSE	A10923			X	F101	\$1200
FU102-.25	FUSE	A10923			X	F101	NOTE 19
							"
HA102-1BN	HANDLE	A10923			2		
LD10414/MS11256	PNL FRT	A10923			1		
MS157-2H	PNL BLANK	MS11256			1		
MS11256	PNL MACH	LD10414/MS11256			1		
NP10082-528	NAMEPLATE	A10923			1		
ST22K	SWITCH	A10923			1	S110	
TS10008	LAMP HOLDER	A10923			1		

**MATERIAL LIST/NUMERICAL PARTS LIST**

TOTAL SHEET 7 OF

ASSY SHEET 1 OF 1

REV

USED ON MODEL:

VMC-8

USED ON SECTION:

NEXT ASSY:

QTY PER NEXT ASSY:

ASSY LEVEL:

ASSY DESC:

POWER CHASSIS ASSY

ASSY PART NO:

A10924

LIST SECTION

PART NO.	DESCRIPTION	ITEM LOCATION			QTY. PER ASSY.	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY PER U/T/M			
A10922-5	PC. ASSY REG.	A10924			1	A1	
CE44C222G	CAP FXD ELECT	A10924			1	C101	
EY102-13	GROM. RUB.	A10924			1		
LD10415/MS11257	CHASSIS	A10924			1		
MS11257	CHASSIS	LD10415/MS11257			1		
NW10005	RECTIFIER	A10924			1	Z101	
TE164-6	NUT PLN CLINCH	LD10415/MS11257			4		
TE164-11	" " "	LD10415/MS11257			1		
TF10065	TRANSFORMER	A10924			1	T101	
TS166-1	SOCK. SCOND DEV.	A10924			1	XQ101	
2N350A	TSTR	A10924			1	Q101	



**MATERIAL LIST/NUMERICAL PARTS LIST**

TOTAL SHEET 8 OF

REV

USED ON MODEL: VMC-8

USED ON SECTION:

ASSY SHEET 1 OF 1

NEXT ASSY:

QTY PER NEXT ASSY:

ASSY LEVEL:

ASSY DESC:

REAR PANEL ASSY

ASSY PART NO: A10925

LIST SECTION

PART NO.	DESCRIPTION	ITEM LOCATION			QTY. PER ASSY.	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY PER U/T/M			
CA10660-1	CABLE ASSY A.C. PWR.	A10925			1		
FS102-2	SPRING TYPE. S	A10925			4		
JJ175	CONN.	A10925			1	J110	
LD10416/MS11260	REAR PNL	A10925			1		
MS11260	REAR PNL	LD10416/MS11260			1		
RI100-94-32	RIVET BLIND EXP.	A10925			8		

**MATERIAL LIST/NUMERICAL PARTS LIST**

TOTAL SHEET 9 OF ASSY SHEET 1 OF 1

REV [ ] USED ON MODEL: **VMC-8** USED ON SECTION: [ ]

NEXT ASSY: [ ] QTY PER NEXT ASSY: [ ] ASSY LEVEL: [ ] ASSY DESC: **SIDE PANEL L.H. ASSY.** ASSY PART NO: **A10949**

PART NO.	DESCRIPTION	ITEM LOCATION			QTY. PER ASSY.	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY PER U/T/M			
FS102-2	SPRING TYPE 'S'	A10949			4		
MS11261-1	PNL SIDE L.H.	A10949			1		
NT10002-4	NUT CLINCH	MS11261-1			3		
RI100-94-32	RIVET BLIND EXP.	A10949			8		

# MATERIAL LIST/NUMERICAL PARTS LIST

TOTAL SHEET 10 OF

REV											USED ON MODEL: VMC-8	USED ON SECTION:	ASSY SHEET 1 OF 1
NEXT ASSY:		QTY PER NEXT ASSY:		ASSY LEVEL:		ASSY DESC: SIDE PANEL ASSY R.H.		ASSY PART NO: A10950					

NUMERICAL PARTS LIST

PART NO.	DESCRIPTION	ITEM LOCATION			QTY. PER ASSY.	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY PER U/T/M			
FS102-2	SPRING TYPE TISS	A10950			4		
MS11261-2	PNL. SIDE	A10950			1		
NT10002-4	NUT CLINCH R.H.	MS11261-2			3		
RI100-94-32	RIVET BLIND EXP.	A10950			8		

MATERIAL LIST/NUMERICAL PARTS LIST

REV																		USED ON MODEL: VMC-8	USED ON SECTION:	ASSY SHEET 1 OF 1				
NEXT ASSY:										QTY PER NEXT ASSY:					ASSY LEVEL:			ASSY DESC: PRE-AMP ASSY					ASSY PART NO: AX10074	

LIST SECTION

PART NO.	DESCRIPTION	ITEM LOCATION			QTY. PER ASSY.	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY PER U/T/M			
A10920-5	PC BD PRE-AMP	AX10074			1		
JJ10024	CONNECTOR	AX10074			1		
MS11262	CASING	MS11262/LD10432			1		
MS11262/LD10432	CASING, LTRG.	AX10074			1		
NT10002-1	MINI FSTNR CLINCH	MS11262			3		
TE164-6	NUT PLN CLINCH	MS11262			6		
TE169-12-3-2	TERM FEED THRU	AX10074			1		
UG625B/U	CONN.	AX10074			1		

MATERIAL LIST/NUMERICAL PARTS LIST

TOTAL SHEET 12 OF

REV \_\_\_\_\_ USED ON MODEL: VMC-8 USED ON SECTION: \_\_\_\_\_ ASSY SHEET 1 OF 1

NEXT ASSY: \_\_\_\_\_ QTY PER NEXT ASSY: \_\_\_\_\_ ASSY LEVEL: \_\_\_\_\_ ASSY DESC: OUTPUT AMP ASSY ASSY PART NO: AX10075

LIST SECTION

PART NO.	DESCRIPTION	ITEM LOCATION			QTY. PER ASSY.	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY PER U/T/M			
A10921-5	PC BD. OUTPUT AMP	AX10075			1		
JJ10024	CONNECTOR	AX10075			1		
MS11263	CASING	MS11263/LD10433			1		
MS11263/LD10433	CASING, LTRG.	AX10075			1		
NT10002-1	FSTNR CLINCH	MS11263			3		
TE164-6	NUT PLN CLINCH	MS11263			4		
TE169-12-8-9	TERM FEED THRU	AX10075			1		
UG625B/U	CONNECTOR	AX10075			1		

**MATERIAL LIST/NUMERICAL PARTS LIST**

TOTAL SHEET 13 OF

ASSY SHEET 1 OF 1

REV

USED ON MODEL:

VMC-8

USED ON SECTION:

NEXT ASSY:

QTY PER NEXT ASSY:

ASSY LEVEL:

ASSY DESC:

CABLE ASSY (A.C.)

ASSY PART NO:

CA10635

LIST SECTION

PART NO.	DESCRIPTION	ITEM LOCATION			QTY. PER ASSY.	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY PER U/T/M			
CU142	CBL STRAP	CA10635			X		
MWC22(7)8U	WIRE ELECT INSUL	CA10635			X		
MWC22(7)98U	" " "	"			X		
PX100-9-133	SLVG.	CA10635			X		

**MATERIAL LIST/NUMERICAL PARTS LIST**

TOTAL SHEET 14 OF

REV

USED ON MODEL: VMC-8

USED ON SECTION:

ASSY SHEET 1 OF 1

NEXT ASSY:

QTY PER NEXT ASSY:

ASSY LEVEL:

ASSY DESC:

CABLE ASSY. (PWR CHASSIS)

ASSY PART NO: CA10636

LIST SECTION

PART NO.	DESCRIPTION	ITEM LOCATION			QTY. PER ASSY.	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY PER U/T/M			
CU142-8	CBL STRAP	CA10636			X		
MWC22(7)U8	WIRE ELECT. INSUL	CA10636			X		
MWC22(7)U98	" " "	"			X		
PX100-9-133	SLVG.	CA10636			X		

MATERIAL LIST/NUMERICAL PARTS LIST

TOTAL SHEET 15 OF 15

REV		USED ON MODEL: VMC-8			USED ON SECTION:			ASSY SHEET 1 OF 1	
NEXT ASSY:		QTY PER NEXT ASSY:		ASSY LEVEL:		ASSY DESC: CABLE ASSY (R.F.)		ASSY PART NO: CA10638	
PART NO.	DESCRIPTION	ITEM LOCATION			QTY. PER ASSY.	REFERENCE SYMBOLS	REMARKS		
		USED ON ASSEMBLY	USED TO MOUNT	QTY PER U/T/M					
MWC22(7)U2	WIRE ELECT. INSUL	CA10638			X				
TE156-32944	TERM SOLDERLESS	CA10638			1				
<del>TE156-32941</del>	" "	" "			8				
WL103-6	WIRE BUSS								



## Revision Sheet

TMC (Canada) Limited  
Ottawa Ontario

Model VMC-8

Project No. 084/70

Date	Rev.	Page	Item	Description	Mod. Chk. No.	App.
9/12/70	Ø	ALL	ALL	RELEASED TO PRODUCTION		NT
25/1/71	A	ALL	ALL	REVISED BY CEMN 899	je	APP
29/1/71	B	11, 12		REVISED BY CEMN 904	je	APP
1/2/71	C	2, 11, 12, 15		REVISED BY CEMN 905	je	APP
9/2/71	D	5, 17		REVISED BY CEMN 909	je	APP
8/2/71	E	2		REVISED BY CEMN 908	je	APP
21/1/72	F	6, 8,		REVISED BY CEMN 1121	je	APP
30/3/72	G	16		REVISED CEMN 1161	LD	APP
30/3/73	H	2		REVISED BY CEMN 1228	je	EW