

TOTAL SHEETS 5

REV. ϕ 27 JAN 66

A ALL SHEETS
17 MAR 66

B Sheet #1
17 MAR 66

C sh 3 5/4/66

MODEL AX433

CANADA
MODIFIED

TITLE POWER SUPPLY

USED ON

MODEL	SECTION	QTY.
VLRA-1	VLRE-1	1
LFSB-1		
LFSB-1		
SHEET NO.		
SEE BELOW		

LIST SECTIONS

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

LAST SYMBOLS

R4 CR8
 C3
 T1
 Q1
 K1

COMPILED *Roughington*
 CHECKED *Leg. Jantz*
 APPROVED *RJ*
 FNL APPR
 ISS DATE 27 Jan 66

MISSING SYMBOLS

R2
 CR7

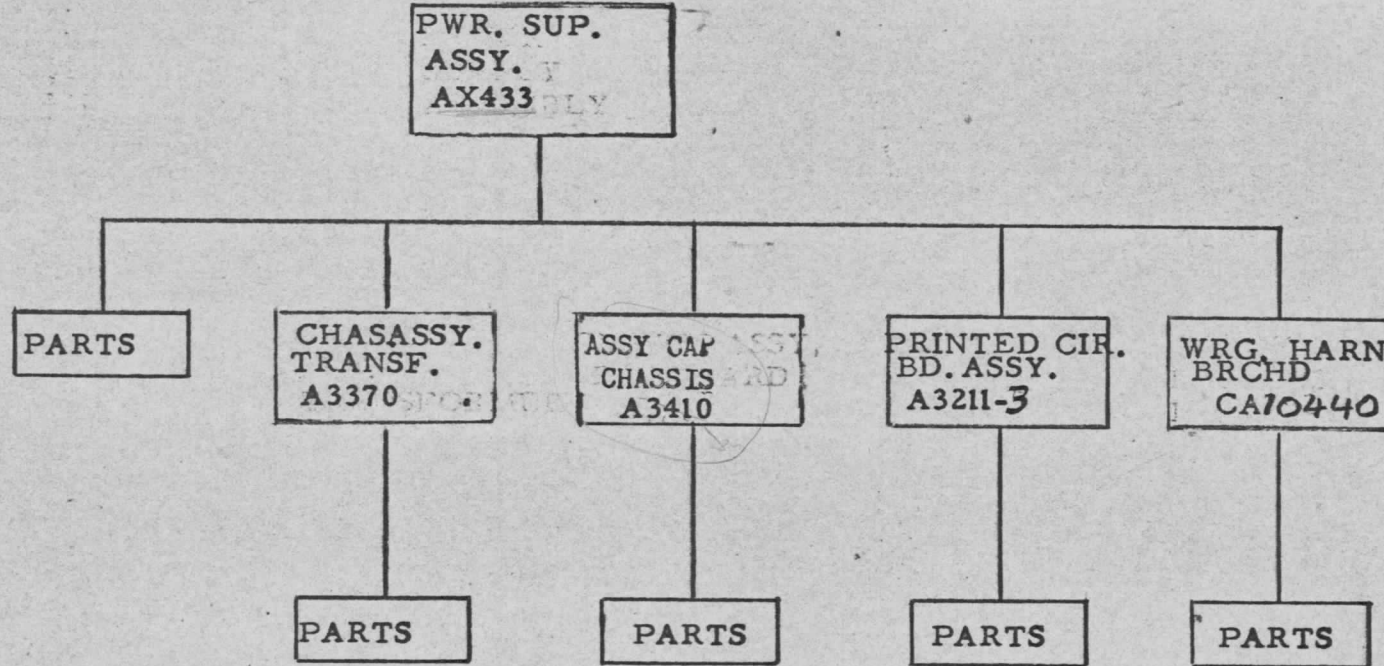
NOTE 1. THE FOLLOWING SYMBOL, #,
 IN THE REMARKS COLUMN INDICATES
 THAT THE PART NUMBER IMMEDIATELY
 FOLLOWING IT IS THE TMC PROPRIETARY
 MANUFACTURING DRAWING FOR THE
 CORRESPONDING NUMBER IN THE PART
 NUMBER COLUMN.

IF IT IS FOUND DESIRABLE TO CHANGE ANY TOLERANCE OR OTHER DETAIL SPECIFIED ON THIS DRAWING NOTIFY THE PURCHASER PROMPTLY.

MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES

USED ON

MODEL	PROJECT NO.	ASS'Y. NO.	DATE
VLRA-1		AX433	12/26/63
LFSA-1		AX433	12/26/63
LESB-1		AX433	12/26/63
VLRE-1	035/66	AX433	12/26/63



REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
			TMC (Canada) LIMITED OTTAWA ONTARIO	
STOCK SIZE			CHART, UNIT BREAKDOWN (POWER SUPPLY)	
MATERIAL		WEIGHT PER PC.		
TYPE & TEMPER			DRAWN	
HEAT TREAT. SPEC.			ELEC. DES. APP.	
FINISH & SPEC. NO.			MECH. DES. APP.	
			CHECKED	
			FINAL APPROVAL	
			CH10122	

ISSUE	ITEM	CHANGED FROM	DATE	CN. NO.	DRAFTS	CHECKER	ENG. APP.

TOLERANCES		SCALE
ALL OTHERS	DEC. DIM. ± FRAC. DIM. ± ANGULAR DIM. ±	DIMENSIONS IN INCHES UNLESS OTHERWISE SPECIFIED DRILL, PUNCH, COMMERCIAL STOCK SIZES AND MANUFACTURERS TOLERANCES ARE NOT INCLUDED.

MATERIAL LIST/NUMERICAL PARTS LIST

TOTAL SHEET 1 OF 5

REV	USED ON MODEL: VIRE-1												USED ON SECTION:		TOTAL SHEET	OF	
REV	ABC														1	1	
NEXT ASSY:		QTY PER NEXT ASSY:		ASSY LEVEL:		ASSY DESC:				ASSY PART NO:							
A4322		1				POWER SUP ASSY				AX433							
PART NO.	DESCRIPTION	ITEM LOCATION			QTY. PER ASSY.	REFERENCE SYMBOLS	REMARKS										
		USED ON ASSEMBLY	USED TO MOUNT	QTY PER U/T/M													
A3211-3	PC BD, FNL ASSY	AX433			1	A1											
A3370	CHAS ASSY XFMR	AX433			1												
A3410	CHAS ASSY CAP	AX433			1												
AX433	POWER SUPPLY	AX433			1	TO DELETE											
CA10440	WRG HARN BRCHD	AX433			1												
CH10122	CHART, UNIT BKDN	AX433			1												
CK10471	DIAG, SCHEM	AX433			1												
BS100	SOLDER, TIN, ALY	AX433			X												
FWO6HBN	WASH, FLAT	AX433			6												
LWEO6WRN	WASH, LK, EXT	AX433			7												
PX100-1-186	INS, SLVG	AX433			1		BLK										
SCB0632BN5	SCR, MACH	AX433			2												
SCB0632BN8	SCR, MACH	AX433			6												
SCF0632BN7	SCR, MACH	AX433			1												
S779	TEST PROC	AX433			1												

MATERIAL LIST/NUMERICAL PARTS LIST

2 OF 5

REV ABC

USED ON MODEL: VIRE-1

USED ON SECTION:

ASSY SHEET 1 OF 1

NEXT ASSY: AX433 QTY PER NEXT ASSY: 1 ASSY LEVEL: ASSY DESC: CHAS, ASSY, XFMR ASSY PART NO: A3370

PART NO.	DESCRIPTION	ITEM LOCATION			QTY. PER ASSY.	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY PER U/T/M			
LD1337/MS3433	CHAS, XFMR	A3370			1		
MS3433	CHAS, XFMR	LD1337			1		
EY102-4	GROM, RUB	A3370			1		
FWO6HBN	WASH, FLAT	A3370			6		
GL114	INS, VARN, ELEC	A3370			X		
LWEO6WRN	WASH, LK, EXT	A3370			7		
MS154-1	PL, MTG, TERM, BD	A3370			2		
WC22(7)UO	WIRE, ELEC, INS	A3370			8		
WC22(7)U6	WIRE, ELEC, INS	A3370			8		
NTHO632BN8	NUT, PLN, HEX	A3370			6		
NT129-632-4	NUT, PLN, SPLINE	MS3433			6		
FX104-1-034	INS, SLVG	A3370			2		BLK
FX337-10	INS, TR, BD	A3370			1		
SCBP0632BN8	SCR, MACH	A3370			2		
SCBP0632BN9	SCR, MACH	A3370			4		
S404	IRIDITE, YEL	MS3433			X		
TE104-2	TERM, LUG, LKG	A3370			1		NO. 6
TF269	XFMR, FWR, SD	A3370			1	T1	
TR100-10	TR, BD, BARR	A3370			1	E1	
WA102-6	WASH, SHLD, NM	A3370			2		
WL100-7	WIRE, ELEC, BUSS	A3370			2		
2N2143	TSTR	A3370			1	Q1	

MATERIAL LIST/NUMERICAL PARTS LIST

SHEET 3 OF 5

REV	USED ON MODEL:	USED ON SECTION:	ASSY SHEET	OF			
ABC	VIRE-1		1	OF	1		
NEXT ASSY:	QTY PER NEXT ASSY:	ASSY LEVEL:	ASSY DESC:	ASSY PART NO:			
AX433			ASSY, CAP, CHAS	A3410			
PART NO.	DESCRIPTION	ITEM LOCATION			QTY. PER ASSY.	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY PER U/T/M			
LD1336/MS3432	CHAS, CAP	A3410			1		
MS3432	CHAS, CAP	LD1336			1		
BS100	SOLDER, TIN, ALY	A3410			X		
CE117-1	CAP, FXD, ELECT	A3410			1	C1	
CUL45B1	RET, CAP	A3410			1		
GL114	INS, VARN, ELEC	A3410			X		
LWEO6MRN	WASH, LK, EXT	A3410			5		
LWSO2MRN	WASH, LK, SPLIT	A3410			1		
NT129-632-4	NUT, FLN, SPLINE	MS3432			2		
NTH0256BN6	NUT, FLN, HEX	A3410			1		
NTH0632BN8	NUT, FLN, HEX	A3410			4		
PX104-3-042	INS, SLVG	A3410			2		RED
PX104-8-042	INS, SLVG	A3410			2		ORN
RL156-1	REL, ARM	A3410			1	K1	
RW107-18	RES, FXD, WW, 5W	A3410			1	R3	100 OHM
SCBF0632BN4	SCR, MACH	A3410			2		
SCBF0632BN20	SCR, MACH	A3410			1		
SCBF0632BN22	SCR, MACH	A3410			2		
S404	IRIDITE, YEL	MS3432			X		
TE108-27	NUT, FLN, CLINCH	MS3432			4		
VR101-24S51	SCOND, DEV, DIO-Z	A3410			1	CR6	
WA102-4	WASH, SHLD, NUT	A3410			4		
WL100-5	WIRE, ELEC, BUSS	A3410			4		
1N2976B	SCOND, DEV, DIO	A3410			1	CR8	

MATERIAL LIST/NUMERICAL PARTS LIST

TOTAL SHEET **4** OF **5**

REV **A B C**

USED ON MODEL: **VIRE-1**

USED ON SECTION:

ASSY SHEET **1** OF **1**

NEXT ASSY: **AX433**

QTY PER NEXT ASSY: **1**

ASSY LEVEL:

ASSY DESC: **PC BD ASSY**

ASSY PART NO: **A3211-3**

PART NO.	DESCRIPTION	ITEM LOCATION			QTY. PER ASSY.	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY PER U/T/M			
A3211-1	PC BD, ETCHING	A3211-2			1		
A3211-2	PC BD, MACH	A3211-3			1		
BS100	SOLDER, TIN, ALY	A3211-3			X		
CE116-6VN	CAP, FXD, ELECT	A3211-3			2	C2,3	
RC32GF471J	RES, FXD, COMP	A3211-3			1	R1	
RC42GF151J	RES, FXD, COMP	A3211-3			1	R4	
1N2484	SCOND, DEV, DIO	A3211-3			5	CR1 THRU CR5	

MATERIAL LIST/NUMERICAL PARTS LIST

TOTAL SHEET 5 OF 5

REV ABC
 USED ON MODEL: VIRE-1
 USED ON SECTION:
 ASSY SHEET 1 OF

NEXT ASSY: AX433
 QTY PER NEXT ASSY: 1
 ASSY LEVEL:
 ASSY DESC: WRG, HARN, BRCHD
 ASSY PART NO: CA10440

PART NO.	DESCRIPTION	ITEM LOCATION			QTY. PER ASSY.	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY PER U/T/M			
BS100	SOLDER, TIN, ALY	CA10440			X		
CD101-LW	CD, N, LACG	CA10440			X		
CUI02-3	CLAMP, LOOP-1/4	CA10440			1		
MWC22(7)U0	WIRE, ELEC, INS	CA10440			11		
MWC22(7)U2	WIRE, ELEC, INS	CA10440			14		
MWC22(7)U4	WIRE, ELEC, INS	CA10440			15		
MWC22(7)U5	WIRE, ELEC, INS	CA10440			18		
MWC22(7)U6	WIRE, ELEC, INS	CA10440			19		
MWC22(7)U9	WIRE, ELEC, INS	CA10440			14		
MWC22(7)U90	WIRE, ELEC, INS	CA10440			10		
MWC22(7)U91	WIRE, ELEC, INS	CA10440			20		

REVISION SHEET

T.M.C. (Canada) LIMITED
OTTAWA ONTARIO

MODEL VLRE-1

PROJECT NO 035/66

DATE	REV.	PAGE	ITEM	DESCRIPTION	MOD. NO.	CHK.	APP.
07/1/66	A	All	All	Released for Production		Jay	RD
14/3/66	A	All	All	FORMAT UPDATED			RD
17/3/66	B	1	X	Deleted			RD
5/4/66	C	3	LW502 MRN	WAS LWSO3 MRN			RD
		3	NTH0256 BNG	WAS NTH0348BNG			RD