

TOTAL SHEETS 67

DESIGN 14/6/66
REV. E SH-9LL

MODEL RFA-1B

14/6/66

TITLE LINEAR POWER AMPLIFIER

USED ON

F-
G-
H- 3.27.28

MODEL
PAL-350B

SECTION

QTY.
1

LIST SECTIONS

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

SHEET NO.
SEE BELOW

LAST SYMBOLS

COMPILED
CHECKED
APPROVED
FNL APPR
ISS DATE

R. X. Jacobs

(A2)

14 Jun 66

MISSING SYMBOLS

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.

MATERIAL LIST/NUMERICAL PARTS LIST 14/6/66

TOTAL SHEET 1 OF 67

REV E F G H

USED ON MODEL: PAL-350

USED ON SECTION:

ASSY SHEET 1 OF 2

NEXT ASSY: PAL-350

QTY PER NEXT ASSY: 1

ASSY LEVEL: 0

ASSY DESC: LINEAR PWR AMPL

ASSY PART NO: RFA-1B

PART NO.	DESCRIPTION	ITEM LOCATION			QTY. PER ASSY.	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY PER U/T/M			
A10473	FNL ASSY	RFA-1B			1		
CH10135	CHART UNIT BRKDN	RFA-1B			1		
CK1002	DIAG, SCHEM	RFA-1B			1		
S383	TEST PROCEDURE	RFA-1B			1		
FS109-3	RING, STUD, RET	RFA-1B	FS110-1	12	12		
FS110-1	STUD, SLOT, HD	RFA-1B	MS10412	6			
			MS10413	6	12		
FWO6MRN	WASH, FLAT	RFA-1B	MS10397	3	3		
LD10098/MS10412	COV, TOP	RFA-1B			1		
MS10412	COV, TOP	LD10098			1		
LWEO4MRN	WASH, LK, EXT	RFA-1B	SN10003	12	12		
LWEO6MRN	WASH, LK, EXT	RFA-1B	MS10397	3	3		
MS10411	COV, RF SECT	RFA-1B			1		
MS10413	COV, BOT	RFA-1B			1		
MS10426	COV, DRIVER CHAS	RFA-1B			1		
MS10429-1	STRAP, SCREEN, RET	RFA-1B			2		
MS10429-2	STRAP, SCREEN, RET	RFA-1B			2		
NP102-20	NAMEPLATE CMCL, NY	RFA-1B			1		
NP102-21(OR)	NAMEPLATE CMCL, NY	RFA-1B	PAL-350		1		
NP354	NAMEPLATE "MADE IN CDA"	RFA-1B			1		
NP10052	NAMEPLATE CMCL, CDA	RFA-1B			1		
NP10053	NAMEPLATE CMCL, CDA	RFA-1B	PAL-350		1		

MATERIAL LIST/NUMERICAL PARTS LIST 14/6/66

TOTAL SHEET 2 OF 67
 ASSY SHEET 2 OF 2

REV EFGH
 USED ON MODEL: PAL350
 USED ON SECTION:
 NEXT ASSY: PAL350
 QTY PER NEXT ASSY: 1
 ASSY LEVEL: 0
 ASSY DESC: LINEAR PWR AMPL
 ASSY PART NO: RFA-1B

PART NO.	DESCRIPTION	ITEM LOCATION			QTY. PER ASSY.	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY PER U/T/M			
NTH044OBN6	NUT, HEX	RFA-1B	SN10003	12	12		
SC131-044OBN4	SCR, UNDC	RFA-1B	MS10552-1 MS10552-2	4	4		
SCBPO256BN3	SCR, MACH	RFA-1B	NP10052 NP10053	4 4	8		
SCBPO44OBN4	SCR, MACH	RFA-1B	SN10003	12	12		
SCBPO632BN5	SCR, MACH	RFA-1B	MS10397	3	3		
SN10003	SCREEN, TOP COV	RFA-1B			1		
5 S404	IRIDITE, YEL				X		
					X		
					X		
					X		
					X		
					X		
					X		
5 S1094	TEST PROCEDURE	RFA-1B			1		

Ottawa, Ontario

MATERIAL LIST/NUMERICAL PARTS LIST 146/66

SHEET 3 OF 07

REV E F G H USED ON MODEL: RFA-1B USED ON SECTION: ASSY SHEET 1 OF 2

NEXT ASSY: RFA-1B QTY PER NEXT ASSY: 1 ASSY LEVEL: 1 ASSY DESC: FNL ASSY ASSY PART NO: A10473

PART NO.	DESCRIPTION	ITEM LOCATION			QTY. PER ASSY.	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY PER U/T/M			
A10309	PNL ASSY, RF	A10473			1		
A10474	MN WRG ASSY	A10473			1		
AN565D6H2	SCR, ALLEN	A10473	MC104-2	4	4		
CUI39-2B	FRL, HDL	A10473			4		
EY100-1	EYELET, FLAT	MS10415			3		
FU102-1	FUSE	A10473			2	F201, SPARE	
HA102-2BN	HDL	A10473			2		
LWEO6MRN	WASH, LK, EXT	A10473	MS10415	3	3		
LWEO8MRN	WASH, LK, EXT	A10473	MS202-5-2.00 MS202-5-4.50 MS202-5-2.37	2 2 2			
LWS10MRN	WASH, LK, EXT	A10473	A10309	4	4		
MC104-2	COUPLING	A10473			1		
MP108-2	KNOB	A10473			2		
MS202-5-2.00	LEAD, CONNTG	A10473			1		
MS202-5-4.25	LEAD, CONNTG	A10473			1		
MS10415	PL, AIR BAF	A10473			1		
NTH0832BN10	NUT, HEX	A10473	C217	1			
			A10309	2	3		
NTH1032BN12	NUT, HEX	A10473	L212	1			

MATERIAL LIST/NUMERICAL PARTS LIST 14/6/66

SHEET 4 OF 67

REV E F G H USED ON MODEL: RFA-1B USED ON SECTION: ASSY SHEET 2 OF 2

NEXT ASSY: RFA-1B QTY PER NEXT ASSY: 1 ASSY LEVEL: 1 ASSY DESC: FNL ASSY ASSY PART NO: A10473

PART NO.	DESCRIPTION	ITEM LOCATION			QTY. PER ASSY.	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY PER U/T/M			
PO151	CHIMNEY, TUBE	A10473			2		
PX370-0-7	TEF	A10473			10		
SCBP0632BN5	SCR, MACH	A10473	MS10415	3	3		
SCBP0832BN8	SCR, MACH	A10473	MS202-5-4:30	1			
			MS202-5-2:00				
			MS202-5-2:37	1	2		
SC10003	SCR, MACH	A10473	A10309		4		
SCFP0832BN8	SCR, MACH	A10473	A10309		2		
5 S404	IRIDITE, YEL	MS10415			X		
TE167	LUG, AND, THD	MS10415			3		
TS128-6	TUBE, SHLD	A10473			1		
WA109-56	WASH, FBR	A10473	NS3W0308		2		
4CX250B	TUBE, PA	A10473			2	V203, 204	
6CL6	TUBE	A10473			1	V201	
6146	TUBE, DRIVER	A10473			1	V202	

MATERIAL LIST/NUMERICAL PARTS LIST 14/6/66

SHEET 5 OF 67

REV EFGH USED ON MODEL: RFA-1B USED ON SECTION: ASSY SHEET 1 OF 2

NEXT ASSY: A10473 QTY PER NEXT ASSY: 1 ASSY LEVEL: 2 ASSY DESC: PNL ASSY, FR ASSY PART NO: A10309

PART NO.	DESCRIPTION	ITEM LOCATION			QTY. PER ASSY.	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY PER U/T/M			
LD10089/MS10396	FR PNL	A10309			1		
MS10396	FR PNL	LD10089			1		
BB101	BRG, PNL	A10309			1		
CM35C103J03	CAP, FXD	A10309			2	C267, 271	
DT101R30-4-2	DETENT ASSY	A10309			1		
FW04LBN	WASH, FLAT	A10309	PX10006	3	9		
FW37LBN	WASH, FLAT	A10309	SW201D		1		
LWEO4MRN	WASH, LK, EXT	A10309	PX10006	3	9		
LWEO6MRN	WASH, LK, EXT	A10309	P0102		12		
LWI37LRN	WASH, INT	A10309	SW201D		1		
MP108-1	KNOB, SKIRT	A10309			3		
MP108-2	KNOB, SKIRT	A10309			1		
MR10002	MULTR	A10309			1		
MR10003	MTR	A10309			1		
PM691RF1.31B	SFT	A10309			2		
PM691RF1.50P	SFT, PHEN	A10309			1		
P0102	DVR, DIAL	A10309			3		

MATERIAL LIST/NUMERICAL PARTS LIST 14/6/66

REV E F G H USED ON MODEL: RFA-1B USED ON SECTION: ASSY PART NO: A10309

NEXT ASSY: A10473 QTY PER NEXT ASSY: 1 ASSY LEVEL: 2 ASSY DESC: PNL ASSY, FR

PART NO.	DESCRIPTION	ITEM LOCATION			QTY. PER ASSY.	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY PER U/T/M			
PX10006	POINTERS	A10309			3		
SCBPO440BN8	SCR, MACH	A10309	PX10006		9		
SCBPO632BN8	SCR, MACH	A10309	PO102		12		
5 S114	ZN, CHROMATE, PRM	MS10396		X			
5 S115	ENAM, SMOOTH GY	MS10396		X			
5 S404	IRIDITE, YEL	MS10396		X	X		
TE104-1	TERM, LKG	A10309	C267 to Gnd		1		
TE104-3	TERM, LKG	A10309	C271, 267	2	4		
TE117-28	SPR	A10309	PX10006	3	9		
TE117-30	SPR	A10309	PO102	4	12		
WL100-7	WIRE, BUSS	A10309			3		

MATERIAL LIST/NUMERICAL PARTS LIST 14/6/66

REV	EFGH							USED ON MODEL:	RFA-1B	USED ON SECTION:		ASSY SHEET	1	OF	2
-----	------	--	--	--	--	--	--	----------------	--------	------------------	--	------------	---	----	---

NEXT ASSY:	A10473	QTY PER NEXT ASSY:	1	ASSY LEVEL:	2	ASSY DESC:	MN WIRING ASSY	ASSY PART NO:	A10474
------------	--------	--------------------	---	-------------	---	------------	----------------	---------------	--------

PART NO.	DESCRIPTION	ITEM LOCATION			QTY. PER ASSY.	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY PER U/T/M			
A10305	FIL, XFMR WRAP	A10474			1		
A10475	MN MECH ASSY	A10474			1		
CA10110-1	CBL RF COAX	A10474			1		
CA10110-2	CBL RF COAX	A10474			1		
CA10110-3	CBL RF COAX	A10474			1		
CA10112	CBL ASSY BLO	A10474			1		
CC109-5	CAP, FXD, CER	A10474			1	C277	
CU102-5	CLAMP, CBL	A10474			1		
CU104-5	CLAMP, MTL	A10474			2		
FWO4MRN	WASH, FLAT	A10474	JJ158P	2			
			CU102-5	1	3		
FWO6MRN	WASH, FLAT	A10474	CU104-5	1			
			MS10418 to				
			MS10401	2			
			MS10417 to				
			MS10399	2	5		
LWEO4MRN	WASH, LK, EXT	A10474	SW219	6			
			MS10552-1	2			
			JJ158P	3	11		
LWEO6MRN	WASH, LK, EXT	A10474	MS10418 to				
			MS10401	2			
			MS10417 to				
			MS10399	2			
			CU104-5	1	5		

REV		EFGH		USED ON MODEL:		RFA-1B		USED ON SECTION:		ASSY SHEET		2 OF 2							
NEXT ASSY:		A10473		QTY PER NEXT ASSY:		1		ASSY LEVEL:		2		ASSY DESC:		MN WIRING ASSY		ASSY PART NO:		A10474	
PART NO.	DESCRIPTION	ITEM LOCATION			QTY. PER ASSY.	REFERENCE SYMBOLS	REMARKS												
		USED ON ASSEMBLY	USED TO MOUNT	QTY PER U/T/M															
MS783-2-32S	STRAP, CONNTG	A10474			8														
MS10552-1	BRKT, COV MTG	A10474			1														
MWC22(7)U0	WIRE, ELEC, INS	A10474		4															
				6	10														
MWC22(7)U1	WIRE, INS	A10474			8														
NT129-440-4	NUT, RD	MS10552-1			2														
NTH0632BN8	NUT, HEX	A10474	MS10418 to																
			MS10401	2															
			MS10417 to																
			MS10399	2															
			CU104-5	1	5														
PX370-8-7	SLVG, TEF	A10474			6														
MS6021	BRKT, TOP COVER MTG.	A10474			1														
RC20GF332J	RES, FXD, COMP	A10474			1	R232													
RC42GF181J	RES, FXD, COMP	A10474			1	R206													
RY121-6-3.2.000	WEATHER, STRIP	A10474			2														
SCBPO44OBN5	SCR, MACH	A10474	CU104-5	1	1														
SCBPO44OBN6	SCR, MACH	A10474	CU102-5	1	1														
SCBPO44OBN8	SCR, MACH	A10474	JJ158P		2														
ST22K	SW, TGL, DPST	A10474			1	S206													
SW219	SW, MICRO	A10474			2	S204, 205													
S404	IRIDITE, YEL	MS10552-1			X														
TE104-1	TERM, LUG	A10474	JJ158P		1														
RV4LAYS503A		A10474			1	R228													

REV EFGH USED ON MODEL: RFA-1B USED ON SECTION: ASSY SHEET 1 OF 2

NEXT ASSY: A10474 QTY PER NEXT ASSY: 1 ASSY LEVEL: 3 ASSY DESC: FIL, XFMR, WRAP ASSY PART NO: A10305

PART NO.	DESCRIPTION	ITEM LOCATION			QTY. PER ASSY.	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY PER U/T/M			
CB21QW102K	CAP, FXD, MICA	A10305		2		C218, 245,	
				2	4	C246, 248	
CB21QW151K	CAP, FXD, MICA	A10305		2		C219, 278	
CK70AW202M	CAP, FDTHRU	A10305		2		C258, 262,	
				2	4	C263, 264	
CL10006-6	INDUCTOR	A10305		2		L205, 234,	
				2	4	L235, 237	
CL10006-7	INDUCTOR	A10305		2		L206, 211,	
				1	3	L213	
GM20F102J	CAP, FXD, MICA	A10305		1		C220	
FWO6MRN	WASH, FLAT	A10305	MS10417	2			
LD10101/MS10417	SHLD, FIL XFMR	A10305		1			
MS10417	SHLD, FIL XFMR	LD10101		1			
LD10102/MS10418	SHLD, SD, FIL, XFMR	A10305		1			
MS10418	SHLD, SD, FIL, XFMR	LD10102		1			
LWEO4MRN	WASH, LK, EXT	A10305	T102-2	1			
			C246, 245,				
			C218	3			
			C248, 278,				
			C219	3	7		
LWEO6MRN	WASH, LK, EXT	A10305	MS10417	2	2		

MATERIAL LIST/NUMERICAL PARTS LIST 14/6/66

REV EFGH

USED ON MODEL: RFA-1B

USED ON SECTION:

ASSY PART NO: A10305

PART NO.	DESCRIPTION	ITEM LOCATION			QTY. PER ASSY.	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY PER U/T/M			
NTH044OBN6	NUT, HEX	A10305	TE104-1	1	1		
NTH0632BN8	NUT, HEX	A10305	MS10417	1	1		
SCBPO348BN3	SCR, MACH	A10305	C246,245, C218 C248,278, C219	3	6		
SCBPO44OBN3	SCR, MACH	A10305	TE102-2	1	1		
SCBPO44OBN4	SCR, MACH	A10305	TE104-1	1	1		
SCBPO632BN6	SCR, MACH	A10305	MS10417 to MS10418	2	2		
SM111D2-06	NUT, SLF, LKG	MS10418			1		
5 S404	IRIDITE, YEL	MS10417 MS10418		X X	X		
TE102-2	TERM, TUR	A10305	C220,L211, CR202		1		
TE104-1	TERM, LKG	A10305	L206,213		2		
IN303	DIO, SI	A10305		2 1	3	CR201, 202, CR203	

MATERIAL LIST/NUMERICAL PARTS LIST 14/6/66

LIST SECTION	REV	EFGH	USED ON MODEL:	RFA-1B	USED ON SECTION:	TOTAL SHEET	15	OF	67	
	NEXT ASSY:	A10474	QTY PER NEXT ASSY:	1	ASSY LEVEL:	3	ASSY SHEET	1	OF	3
			ASSY DESC:	MN MECH ASSY			ASSY PART NO:	A10475		

LIST SECTION	PART NO.	DESCRIPTION	ITEM LOCATION			QTY. PER ASSY.	REFERENCE SYMBOLS	REMARKS
			USED ON ASSEMBLY	USED TO MOUNT	QTY PER U/T/M			
4	A10303-2	RF SECT, FNL ASSY	A10475			1		
4	A10306	WRAPAROUND, ASSY	A10475			1		
4	A10310	FIL XFMR CHAS	A10475			1		
4	A10476	PI NET CHAS	A10475			1		
4	A10477	DRIVER ASSY, FNL	A10475			1		
4	A10311	BLOWER, CAP MTG	A10475			1		
	FWO6MRN	WASH, FLAT	A10475	MS10397 to MS10401	8			
				MS10397 to MS10400	1			
				MS10397 to MS10398	6			
				MS10408 to MS10401	2			
				MS10400 to MS10398	2			
				MS10400 to MS10399	2			
				MS10399 to MS10401	3			
				MS10418 to MS10401	2			
				MS10399 to MS10398	2			
				MS10398 to MS10401	6	34		
	LWEO6MRN	WASH, LK, EXT	A10475	MS10397 to MS10401	8			
				MS10397 to MS10400	1			
				MS10397 to MS10398	6			
				MS10408 to MS10401	2			
				MS10400 to MS10398	2			
				MS10400 to MS10399	2			
				MS10399 to MS10401	3			
				MS10399 to MS10398	2			
				MS10398 to MS10401	6	32		

MATERIAL LIST/NUMERICAL PARTS LIST 14/6/66

TOTAL SHEET 10 OF 07

REV	E F G H							USED ON MODEL:	RFA-1B	USED ON SECTION:		ASSY SHEET	2	OF	3	
NEXT ASSY:	A10474		QTY PER NEXT ASSY:	1	ASSY LEVEL:	3	ASSY DESC:	MN MECH ASSY				ASSY PART NO:	A10475			

PART NO.	DESCRIPTION	ITEM LOCATION			QTY. PER ASSY.	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY PER U/T/M			
MS10552-2	BRKT, COV MTG	A10475			1		
NTH0632BN8	NUT, HEX	A10475	MS10397 to MS10401	8			
			MS10397 to MS10400	1			
			MS10397 to MS10398	6			
			MS10408 to MS10401	2			
			MS10400 to MS10398	2			
			MS10400 to MS10399	2			
			MS10399 to MS10401	3			
			MS10399 to MS10398	2			
			MS10398 to MS10401	6	32		
NT129-440-4	NUT, RD	MS10552-2			1		
RA75AXAOR5AK25	RES, VAR, WW	A10475			1	R216	
RV4LAYS503A	RES, VAR.	A10475			2	R213, 221	
SCBPO632BN6	SCR, MACH	A10475	MS10397 to MS10401	5			
			MS10397 to MS10400	1			
			MS10397 to MS10398	6			
			MS10408 to MS10401	2			
			MS10400 to MS10398	2			
			MS10400 to MS10399	2			
			MS10399 to MS10401	3			
			MS10399 to MS10398	2			
			MS10398 to MS10401	6	29		

MATERIAL LIST/NUMERICAL PARTS LIST 14/6/66

TOTAL SHEET 18 OF 67

USED ON SECTION:

ASSY SHEET 1 OF 1

REV DEFGH

USED ON MODEL: RFA-1B

ASSY PART NO: A10303-2

NEXT ASSY: A10475 QTY PER NEXT ASSY: 1 ASSY LEVEL: 4 ASSY DESC: RF SECT, FNL ASSY

PART NO.	DESCRIPTION	ITEM LOCATION			QTY. PER ASSY.	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY PER U/T/M			
A10303-1	RF SECT, MECH ASSY	A10303-2			1		
AX162	SUPP, PARAS	A10303-2			2	PS PS203, PS204	
CA10137	WRG HARN, RF SECT	A10303-2			1		
CC21SLO30C	CAP, FXD, CER	A10303-2			1	C235	
CL10006-2	INDUCTOR, RF	A10303-2			1	L210	
CL10006-3	INDUCTOR, RF	A10303-2			1	L226	
CL10006-6	INDUCTOR, RF	A10303-2		2	2	L230, 231	
					2	L209, 229	
					1	5 L228	
CL10006-7	INDUCTOR, RF	A10303-2			1	L227	
CL10023-1	INDUCTOR, RF	A10303-2			2	L232, 233	
GM20F102J2J	CAP, FXD, MICA	A10303-2			2	C240, 243	
GM35C103J03	CAP, FXD, MICA	A10303-2			1	C251	
RC20GF222J	RES, FXD, COMP	A10303-2			1	R231	
RC32GF333J J	RES, FXD, COMP	A10303-2			1	R235	
RC32GF223J	RES, FXD, COMP	A10303-2			2	R214, 215	
RC32GF913J J	RES, FXD, COMP	A10303-2			1	R217	
TE102-2	TERM, STUD, INS	A10303-2	R235		1		
TE114-2	TERM, FDTHRU	A10303-2			1		
IN6L5	DIODE, GERM	A10303-2			2	CR204, 205	

Ottawa, Ontario

MATERIAL LIST/NUMERICAL PARTS LIST 14/6/66

LIST SECTION

REV	EFGH							USED ON MODEL:	RFA-1B	USED ON SECTION:		TOTAL SHEET	19	OF	67	
NEXT ASSY:	A10303-2		QTY PER NEXT ASSY:	1	ASSY LEVEL:	5	ASSY DESC:	MECH ASSY, RF SECT				ASSY PART NO:	A10303-1			

PART NO.	DESCRIPTION	ITEM LOCATION			QTY. PER ASSY.	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY PER U/T/M			
LD10094/MS10400	CHAS, RF SECT	A10303-1			1		
MS10400	CHAS, RF SECT	LD10094			1		
BB119	BUSH, MACH THD	A10303-1			1		
CB21QW102K	CAP, FXD, MICA	A10303-1		2		C244, 239,	
				2		C250, 238,	
CB21QW151K	CAP, FXD, MICA	A10303-1		1	5	C237	
					1	C236	
CK70AW202M	CAP, FXD, CER	A10303-1		2		C257, 259,	
CU102-5	CLAMP, CBL	A10303-1		2	4	C260, 261	
			CA10110-1,				
			CA10110-2,				
			CA10112		1		
CU118-2C	CLAMP, TUBE	A10303-1			2		
FWO8LBN	WASH, FLAT	A10303-1	CU102-5		1		
GL101-1	CEMENT	TA111			X		
LWEO4MRN	WASH, LK, EXT	A10303-1	TE102-2	5			
			CB21QW102K	5			
			CB21QW151K	1			
			PML0069	2	13		
LWEO6MRN	WASH, LK, EXT	A10303-1	CU118-2C	2	2		

MATERIAL LIST/NUMERICAL PARTS LIST 14/6/66

TOTAL SHEET 20 OF 67

ASSY SHEET 2 OF 3

USED ON MODEL: RFA-1B

USED ON SECTION:

ASSY PART NO: A10303-1

REV E F G H

NEXT ASSY: A10303-2

QTY PER NEXT ASSY: 1

ASSY LEVEL: 5

ASSY DESC: MECH ASSY, RF SECT

LIST SECTION

PART NO.	DESCRIPTION	ITEM LOCATION			QTY. PER ASSY.	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY PER U/T/M			
LWE08MRN	WASH, LK, EXT	A10303-1	NS3W0212	2			
			NS3W0216	2	4		
LWI37LRN	WASH, LK, INT	A10303-1	BB119	1	1		
LWS04MRN	WASH, LK, SPLIT	A10303-1	TS132	3	6		
MS10423	BRKT, NEUT, CAP	A10303-1			1		
MS10427	PL, TUBE, MTG	A10303-1			1		
NS3W0106	INS, PLR	A10303-1			3		
NS3W0212	INS, PLR	A10303-1			2		
NS3W0216	INS, PLR	A10303-1			2		
NS10003-1	INS, FDTHRU	A10303-1			1		
NT102	NUT, PLN, HEX	A10303-1	PM10071		1		
NTH0440BN6	NUT, PLN, HEX	A10303-1	TS132	3	6		
NTH3732BN16	NUT, PLN, HEX	A10303-1	BB119	1	1		
PM10069	NUT, BAR, CONN	A10303-1			1		
PM10071	ROT, NEUT, CAP	A10303-1			1		
SCBF0348BN3	SCR, MACH	A10303-1	CB21QW102K	5			
			CB21QW151K	1	6		

Ottawa, Ontario

MATERIAL LIST/NUMERICAL PARTS LIST 14/6/66

TOTAL SHEET 21 OF 67

REV EFGH
 USED ON MODEL: RFA-1B
 USED ON SECTION:
 NEXT ASSY: A10303-2
 QTY PER NEXT ASSY: 1
 ASSY LEVEL: 5
 ASSY DESC: MECH ASSY, RF SECT
 ASSY PART NO: A10303-1

LIST SECTION	PART NO.	DESCRIPTION	ITEM LOCATION			QTY. PER ASSY.	REFERENCE SYMBOLS	REMARKS
			USED ON ASSEMBLY	USED TO MOUNT	QTY PER U/T/M			
	SCBP044OBN3	SCR, MACH	A10303-1	TE102-2	5	5		
	SCBP044OBN5	SCR, MACH	A10303-1	TS132	3	6		
	SCBP044OBN6	SCR, MACH	A10303-1	PM10069	2	2		
	SCBP0632BN4	SCR, MACH	A10303-1	NS3W0106	2	6		
	SCBP0632BN5	SCR, MACH	A10303-1	TE104-2	1	2		
	SCBP0632BN6	SCR, MACH	A10303-1	CU118-2C	2	2		
	SCBP0832BN8	SCR, MACH	A10303-1	NS3W0212	3			
	SC131-0832BN4	SCR, MACH, UNDC	A10303-1	NS3W0216	4	7		
	TA111-2-6-9.00A	TAPE	A10303-1	NS3W0212	1	1		
	TE102-2	TERM, STUD, INS	A10303-1		6	6		
	SML11D2-06		MS10427			2		
	TE104-1	TERM, LUG, LKG	A10303-1		1	1		
	TE104-2	TERM, LUG, LKG	A10303-1		6	6		
	TE104-3	TERM, LUG, LKG	A10303-1		2	2		
	TS132	SOC	A10303-1			2	XV203, 204	
	WA101-6	WASH, FBR	A10303-1	NS3W0212	2	4		
	WA101-11	WASH, FBR	A10303-1	NS3W0216	2	4		
	WA109-36	WASH, FBR	A10303-1	NS3W0116	2	6		

REV E F G H

USED ON MODEL: RFA-1B

USED ON SECTION:

ASSY SHEET 1 OF 4

NEXT ASSY: A10475

QTY PER NEXT ASSY: 1

ASSY LEVEL: 4

ASSY DESC: PI NET CHAS

ASSY PART NO: A10476

LIST SECTION

4

4

4

4

4

AN565D6H2

CB125A95OX

CB138-3AN

CC109-2

CC109-6

CU102-3

CU102-5

CX102J202M

EY102-13

FWO6HBN

LD10092/MS10398

MS10398

LD10103/MS10424

MS10424

LWEO4MRN

PART NO.

DESCRIPTION

ITEM LOCATION

USED ON ASSEMBLY

USED TO MOUNT

QTY PER U/T/M

QTY. PER ASSY.

REFERENCE SYMBOLS

REMARKS

A10262

TERM BD ASSY

A10476

1

AX10014

PA ASSY, COIL & SW

A10476

1

CL178

COIL, RF

A10476

1

L236

CL10012

COIL, RF

A10476

1

L212

CL10013

COIL, RF

A10476

1

L207

SCR, ALLEN

A10476

MC104-2

4

8

CAP, VAR, AIR

A10476

1

C276A-B

CAP, VAR, AIR

A10476

1

C213

CAP, VAR, CER

A10476

1

C216

CAP, FXD, CER

A10476

1

C215

CLAMP, CBL

A10476

2

CLAMP, CBL

A10476

2

CAP, FXD, PLSTC

A10476

2

C217, 247

GROM, RUB

A10476

1

3

C249

WASH, FLAT

A10476

1

1

CHAS, PI NET

A10476

CA10109

4

4

CHAS, PI NET

LD10092

1

PL, CAP, MTG

A10476

1

PL, CAP, MTG

LD10103

1

WASH, EXT

A10476

C216, 215

2

2

MATERIAL LIST/NUMERICAL PARTS LIST 14/6/66

TOTAL SHEET 26 OF 67

ASSY SHEET 2 OF 4

USED ON MODEL: RFA-1B

USED ON SECTION:

ASSY PART NO: A10476

REV E F G H

NEXT ASSY: A10475

QTY PER NEXT ASSY: 1

ASSY LEVEL: 4

ASSY DESC: PI NET CHAS

PART NO.	DESCRIPTION	ITEM LOCATION			QTY. PER ASSY.	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY PER U/T/M			
LWEO6MRN	WASH, LK, EXT	A10476	C276	10			
			C213	2			
			CA10109	4			
			A10262	2	18		
LWEO8MRN	WASH, LK, EXT	A10476	SW218D,				
			C247, 249,				
			C217		7		
LWE10MRN	WASH, LK, EXT	A10476	L207	2			
			L212	1			
			AX10014	2	5		
LWI37LRN	WASH, LK, INT	A10476	SW217	1	1		
LWSO2MRN	WASH, SPLIT	A10476	C216, 215	4	4		
MC104-2	SFT, CPLG	A10476			2		
MS10403	BRKT, CAP, MTG	A10476	C276		2		
MS10419	SPR, CAP, MTG	A10476			2		
MS202-5-1.37	LEAD, CONNTG	A10476	C276		2		
MS202-5-2.56	LEAD, CONNTG	A10476	C276 to				
			L207		1		
NTHO632BN10	NUT, HEX	A10476	LD10103	2	2		
NTHO832BN10	NUT, HEX	A10476	C247	4			
			C249	4			
			C217	1	9		

Ottawa, Ontario

MATERIAL LIST/NUMERICAL PARTS LIST 14/6/66

LIST SECTION

REV	EFGH	USED ON MODEL:	RFA-1B	USED ON SECTION:	TOTAL SHEET	27 OF 67	
NEXT ASSY:	A10475	QTY PER NEXT ASSY:	1	ASSY LEVEL:	4	ASSY SHEET	3 OF 4
		ASSY DESC:	PI NET CHAS		ASSY PART NO:		A10476

PART NO.	DESCRIPTION	ITEM LOCATION			QTY. PER ASSY.	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY PER U/T/M			
NTH1032BN12	NUT, HEX	A10476	L207	2	2		
PN52-.062-10	PIN, ROLL	A10476	SW218D		1		
SCBP0256BN3	SCR, MACH	A10476	C216, 215	2	4		
SCBP0632BN4	SCR, MACH	A10476	C276	1	4		
SCBP0632BN5	SCR, MACH	A10476	A10262	2	2		
SCBP0632BN8	SCR, MACH	A10476	CA10109	4	4		
SCBP0832BN24	SCR, MACH	A10476	TE135-9	2	2		
SCBP1032BN6	SCR, MACH	A10476	AX10014	2	2		
SCBP1032BN10	SCR, MACH	A10476	L212	1	1		
SCFP0632BN7	SCR, MACH	A10476	C276	4			
			AX10014	4	8		
SC131-0632BN6	SCR, MACH, UNDC	A10476	AX10014	4	4		
SC131-0632BN10	SCR, MACH, UNDC	A10476	C213	2	2		
SML11D2-0606	NUT, SLF, LKG	MS10403		2			
		MS10398		16	18		
SW217	SW, MTR	A10476					
SW218D	SW, DETENT	A10476			1	S203A, B	
					1		
S404	IRIDITE, YEL	MS10398					
		MS10424			X		
		MS10403			X		
		MS10419			X		
					X		

TMC (Canada) Limited

Ottawa, Ontario

LIST/NUMERICAL PARTS LIST

14/6/66

TOTAL SHEET 29 OF 67

REV

EFGH

USED ON MODEL: RFA-1B

USED ON SECTION:

ASSY SHEET 1 OF 1

NEXT ASSY: A10476

QTY PER NEXT ASSY: 1

ASSY LEVEL: 5

ASSY DESC: TM BD ASSY

ASSY PART NO: A10262

PART NO.	DESCRIPTION	ITEM LOCATION			QTY. PER ASSY.	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY PER U/T/M			
CA10109	CBL ASSY, MN	A10262			1		
PP10078	TM BD	LD10139			1		
LD10139/PP10078	TM BD	A10262			1		
CL10006-2	COIL, RF	A10262			2	L239, 240,	
					1	L241	
CN108C1003J	CAP, FXD, PLSTC	A10262			2	C269, 270,	
					1	C272	
PX104-1.022	INS, SLVG, BLK	A10262			1		
					1		
					2	4	
RC20GF100J	RES, FXD, COMP	A10262			1	R226	
RC20GF104J	RES, FXD, COMP	A10262			1	R220	
RC20GF125J	RES, FXD, COMP	A10262			1	R225	
RC20GF133J	RES, FXD, COMP	A10262			1	R223	
RC20GF156J	RES, FXD, COMP	A10262			1	R222	
RC20GF222J	RES, FXD, COMP	A10262			1	R227	
RC20GF473J	RES, FXD, COMP	A10262			1	R229	
RC20GF754J	RES, FXD, COMP	A10262			1	R230	
RC20GF822J	RES, FXD, COMP	A10262			1	R224 ^c	
TE108-13	STANDOFF, RIV	A10262			2		
TE10003	TERMINAL	A10262			30		

MATERIAL LIST/NUMERICAL PARTS LIST 14/6/66

TOTAL SHEET 30 OF 67

ASSY SHEET 1 OF 3

LIST SECTION

REV EFGH

USED ON MODEL: RFA-1B

USED ON SECTION:

NEXT ASSY: A10262

QTY PER NEXT ASSY: 1

ASSY LEVEL: 6

ASSY DESC: CBL ASSY, MN

ASSY PART NO: CA10109

PART NO.

DESCRIPTION

ITEM LOCATION

USED ON ASSEMBLY

USED TO MOUNT

QTY PER U/T/M

QTY. PER ASSY.

REFERENCE SYMBOLS

REMARKS

BS100

SOLDER, SOFT

CA10109

CD101-1-MW

CD, NYLON, LACING

CA10109

CU101-9

FRL, INNER

CA10109

CU101-10

FRL, OUTER

CA10109

JJ158-P

CONN, RECP

CA10109

MWC16(19)U8

CBL, INS, GY

CA10109

MWC22(7)U0

CBL, INS, BLK

CA10109

19

17

15

19

53

MWC22(7)U1

CBL, INS, BRN

CA10109

23

18

41

MWC22(7)U2

CBL, INS, RED

CA10109

19

27

46

MWC22(7)U3

CBL, INS, ORN

CA10109

24

22

46

MWC22(7)U4

CBL, INS, YEL

CA10109

11

17

32

15

75

TMC (Canada) Limited

Ottawa, Ontario

MATERIAL LIST/NUMERICAL PARTS LIST 14/6/66

TOTAL SHEET 31 OF 67

ASSY SHEET 2 OF 3

REV E F G H

USED ON MODEL: RFA-1B

USED ON SECTION:

NEXT ASSY: A10262

QTY PER NEXT ASSY: 1

ASSY LEVEL: 6

ASSY DESC: CBL ASSY, MN

ASSY PART NO: CA10109

LIST SECTION

PART NO.	DESCRIPTION	ITEM LOCATION			QTY. PER ASSY.	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY PER U/T/M			
MWC22(7)U5	CBL, INS, GRN	CA10109			25		
MWC22(7)U6	CBL, INS, BLU	CA10109			20		
MWC22(7)U7	CBL, INS, VIO	CA10109			22		
MWC22(7)U8	CBL, INS, GY	CA10109			19		
MWC22(7)U9	CBL, INS, WHT	CA10109			10		
MWC22(7)U90	CBL, INS, WHT/BLK	CA10109			8		
MWC22(7)U91	CBL, INS, WHT/BRN	CA10109			23		
					32		
					19	74	
MWC22(7)U92	CBL, INS, WHT/RED	CA10109			11		
					24		
					32	67	
MWC22(7)U93	CBL, INS, WHT/ORN	CA10109			20		
MWC22(7)U94	CBL, INS, WHT/YEL	CA10109			19		
					9		
					11	39	
MWC22(7)U95	CBL, INS, WHT/GRN	CA10109			13		
					24	37	
MWC22(7)U96	CBL, INS, WHT/BLU	CA10109			20		

MATERIAL LIST/NUMERICAL PARTS LIST 14/6/66

LIST SECTION

REV **E FGH**

USED ON MODEL: **RFA-1B**

USED ON SECTION:

TOTAL SHEET **32** OF **67**

NEXT ASSY: **A10262**

QTY PER NEXT ASSY: **1**

ASSY LEVEL: **6**

ASSY DESC: **CBL ASSY, MN**

ASSY SHEET **3** OF **3**

ASSY PART NO: **CA10109**

PART NO.	DESCRIPTION	ITEM LOCATION			QTY. PER ASSY.	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY PER U/T/M			
MWC22(7)U97	CBL, INS, WHT/VIO	CA10109		11			
				22	33		
MWC22(7)U98	CBL, INS, WHT/GY	CA10109		18			
				31	49		
PX100-1.106	INS, SLVG	CA10109			X		
RG188/U	CBL, RF	CA10109			38		
WI126-1	WIRE, ELEC, HV	CA10109			31		
WL103-1	BRD, WIRE, FLAT	CA10109			3		

MATERIAL LIST/NUMERICAL PARTS LIST 14/6/66

REV EFGH USED ON MODEL: RFA-1B USED ON SECTION: ASSY SHEET 1 OF 1

NEXT ASSY: A10476 QTY PER NEXT ASSY: 1 ASSY LEVEL: 5 ASSY DESC: COIL, RF, FXD ASSY PART NO: CL178(A1126)

PART NO.	DESCRIPTION	ITEM LOCATION			QTY. PER ASSY.	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY PER U/T/M			
BS100	SOLDER, SOFT	CL178			X		
CL112Q1-2ROF	CORE, FXD, ROD	CL178			1		
GL104-2	INS, VARN	CL178			X		
TE153-2	TERM, LUG, RING	CL178			2		
WI107-7	WIRE, ELECL, MAG	CL178			X		
A1126	CL178 ASSY	CL178			∅		

MATERIAL LIST/NUMERICAL PARTS LIST 14/6/66

LIST SECTION

REV	EFGH	USED ON MODEL:	RFA-1B	USED ON SECTION:	TOTAL SHEET	34	OF	67			
NEXT ASSY:	A10476	QTY PER NEXT ASSY:	1	ASSY LEVEL:	5	ASSY DESC:	COIL, RF, PA PL	ASSY SHEET	1	OF	1
ASSY PART NO: CL10012											

PART NO.	DESCRIPTION	ITEM LOCATION			QTY. PER ASSY.	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY PER U/T/M			
BS100	SOLDER, SOFT	CL10012			X		
FW10HBN	WASH, FLAT	CL10012			1		
GL102	CEM, Q-MAX	CL10012			X		
GL104-2	INSULEX, U-85	CL10012			X		
NS3W0316	INS, PLR, ROUND	CL10012			2		
NTH1032BN10	NUT, HEX	CL10012			1		
SC127-3	STUD, THD	CL10012			2		
TE104-4	TERM, LKG	CL10012			2		
WA109-56	WASH, FBR	CL10012			3		
WI125-12	WIRE, MAG	CL10012			X		

REV E FGH USED ON MODEL: RFA-1B USED ON SECTION: ASSY SHEET 1 OF 1

NEXT ASSY: A10476 QTY PER NEXT ASSY: 1 ASSY LEVEL: 5 ASSY DESC: COIL, RF, PA OUT ASSY PART NO: CL10013

PART NO.	DESCRIPTION	ITEM LOCATION			QTY. PER ASSY.	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY PER U/T/M			
BS100	SOLDER, SOFT	CL10013			X		
FW10HBN	WASH, FLAT	CL10013			2		
GL102	CEM, Q-MAX	CL10013			X		
GL104-2	INSULEX, U-85	CL10013			X		
NS3W0316	INS, PLR, ROUND	CL10013			1		
NTH1032BN10	NUT, HEX	CL10013			2		
SC127-1	STUD, THD	CL10013			1		
SC127-3	STUD, THD	CL10013			1		
TE104-4	TERM, LKG	CL10013			2		
WA109-56	WASH, FBR	CL10013			2		
WI125-12	WIRE, MAG	CL10013			X		

MATERIAL LIST/NUMERICAL PARTS LIST

14/6/66

TOTAL SHEET 36 OF 67

REV	E F G H										USED ON MODEL:	RFA-1B	USED ON SECTION:		ASSY SHEET	1 OF 3	
NEXT ASSY:	A10476		QTY PER NEXT ASSY:	1		ASSY LEVEL:	5		ASSY DESC:	PA COIL & SW ASSY				ASSY PART NO:	AX10014 (A10298)		

PART NO.	DESCRIPTION	ITEM LOCATION			QTY. PER ASSY.	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY PER U/T/M			
AN565D6H3	SCR, ALLEN	AX10014	SW218R , MC104-1		6		
CC109-28	CAP, FXD, CER	AX10014			1	C273	
FWO6LRN	WASH, FLAT	AX10014	MS10409	4			
			PX10011-1/2/3	6			
			SW218 (Rear)	2			
			C273	1	13		
FWO8LRN	WASH, FLAT	AX10014	SW218 (FR)		2		
LWEO6MRN	WASH, LK, EXT	AX10014	MS10409	4			
			PX10011/1/2/3	6			
			SW218 (Rear)	2			
			SW218W	2			
			C273	3	17		
MC104-1	CPLG	AX10014			1		
MS203-1-0.62	LEAD, CONNTG	AX10014			10		
MS203-2-1.87	LEAD, CONNTG	AX10014			1		
MS203-2-3.5	LEAD, CONNTG	AX10014			1		
MS10409	BASE, PL	AX10014			1		
NS3W0104	INS, STANDOFF	AX10014			2		
NS3W0308	INS, STANDOFF	AX10014			2		
NTH0832BN10	NUT, HEX	AX10014	SW218 (FR)		2		

Ottawa, Ontario

MATERIAL LIST/NUMERICAL PARTS LIST 14/6/66

SHEET 37 OF 67

USED ON SECTION:

ASSY SHEET 2 OF 3

REV EFGH

USED ON MODEL: RFA-1B

ASSY PART NO: AX10014 (A10298)

QTY PER NEXT ASSY: 1
 ASSY LEVEL: 5
 ASSY DESC: PA COIL & SW ASSY

PART NO.	DESCRIPTION	ITEM LOCATION			QTY. PER ASSY.	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY PER U/T/M			
PM691RF7.25B	SHAFT, SW	AX10014			1		
PX370-4-7	SLVG, TEF	AX10014			28		
PX10005-1	PL, FR TANK, COIL	AX10014			1		
PX10005-2	PL, REAR, TANK COIL	AX10014			1		
PX10011-1	SPT, L, TANK COIL	AX10014			1		
PX10011-2	SPT, TOP, TANK COIL	AX10014			1		
PX10011-3	SPT, R, TANK COIL	AX10014			1		
SCBPO632BN4	SCR, MACH	AX10014	C273		1		
SCBPO632BN6	SCR, MACH	AX10014	C273		1		
SCBPO632BN8	SCR, MACH	AX10014	MS10409		4		
SCBPO632BN9	SCR, MACH	AX10014	NS3W0104		2		
SCBPO632BN10	SCR, MACH	AX10014	SW218 (Rear)		2		
SCBPO832BN10	SCR, MACH	AX10014	SW218 (FR)		2		
SM111D.206	NUT, SLF, LKG	MS10409			1		
SW218B	SW, MTG BAR	AX10014			2		
SW218R	SW, ROT	AX10014			1		
SW218W	SW, WAF	AX10014			1		
5 S404	IRIDITE, YEL	MS10409			X		
TF10019	XFMR, RF	AX10014			1	T209	
TF10020	XFMR, RF	AX10014			1	T208	

Ottawa, Ontario

MATERIAL LIST/NUMERICAL PARTS LIST

14/6/66

USED ON MODEL:

RFA-1B

USED ON SECTION:

ASSY SHEET

ASSY PART NO: AX10014 (A10298)

REV

E FGH

QTY PER NEXT ASSY: 1

ASSY LEVEL: 5

ASSY DESC:

PA COIL & SW ASSY

NEXT ASSY: A10476

PART NO.	DESCRIPTION	ITEM LOCATION			QTY. PER ASSY.	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY PER U/T/M			
WA109-36	WASH, FBR	AX10014	NS3W0104	3	6		
WA109-56	WASH, FBR	AX10014	NS3W0308		2		
A10298	AX10014 ASSY	AX10014			Ø		

REV EFGH

USED ON MODEL: RFA-1B

USED ON SECTION:

ASSY SHEET 1 OF 1

NEXT ASSY: A10475

QTY PER NEXT ASSY: 1

ASSY LEVEL: 4

ASSY DESC: BLO, CAP, MTG

ASSY PART NO: A10311

PART NO.	DESCRIPTION	ITEM LOCATION			QTY. PER ASSY.	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY PER U/T/M			
CM35C103J03	CAP, FXD, MICA	A10311			2	C265, 266	
CP69B1EF105K	CAP, FXD, P	A10311			1	C268	
LD10205/MS10408	BRKT, TERM	A10311			1		
MS10408	BRKT, TERM	LD10205			1		
LWE06MRN	WASH, LK, EXT	A10311	C268	2			
			TB201	4	6		
MS154-1					2		
NTH0632BN8	NUT, HEX	A10311	C268	2			
			TB201	4	6		
PX104-1-034	INS SLVG	A10311		1			
				1	2		
PX336-3	INS, FISH, PAPER	A10311			1		
SCBP0632BN5	SCR, MACH	A10311	C268		2		
SCBP0632BN9	SCR, MACH	A10311	TB201		4		
TE104-2	TERM, LKG	A10311	TB201		5		
TM102-3	TERM, STRIP	A10311	CA10112,				
			CA10444		1	TB201	
WL100-7	WIRE, ELEC, BUSS	A10311			2		

MATERIAL LIST/NUMERICAL PARTS LIST 14/6/66

TOTAL SHEET 40 OF 67

REV E F G H USED ON MODEL: RFA-1B USED ON SECTION: ASSY SHEET 1 OF 1

NEXT ASSY: A10475 QTY PER NEXT ASSY: 1 ASSY LEVEL: 4 ASSY DESC: FIL, XFMR, CHAS ASSY PART NO: A10310

PART NO.	DESCRIPTION	ITEM LOCATION			QTY. PER ASSY.	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY PER U/T/M			
LD10093/MS10399	CHAS, FIL, XFMR	A10310			1		
MS10399	CHAS, FIL, XFMR	LD10093			1		
EY102-15	GROM, RUB	A10310			1		
LWEO8MRN	WASH, LK, EXT	A10310	TF180		2		
NTH0832BN11	NUT, HEX	A10310	TF180		4		
S404	IRIDITE, YEL	MS10399			1		
TE104-3	TERM, LKG	A10310	TF180 to Gnd	1			
			CA10112	1	2		
TF180	XFMR, PWR	A10310			1	T210	
WL100-4	WIRE, BUSS	A10310			X		

MATERIAL LIST/NUMERICAL PARTS LIST 14/6/66

TOTAL SHEET 41 OF 67

REV E F G H

USED ON MODEL: RFA-1B

USED ON SECTION:

ASSY SHEET 1 OF 4

NEXT ASSY: A10475

QTY PER NEXT ASSY: 1

ASSY LEVEL: 4

ASSY DESC: WRAPAROUND ASSY

ASSY PART NO: A10306

LIST SECTION

PART NO.	DESCRIPTION	ITEM LOCATION			QTY. PER ASSY.	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY PER U/T/M			
A10261	AIR FIL ASSY	A10306			1		
CA10444	CBL, ASSY, BLO	A10306			1		
AD102-4	FIL, AIR	A10306			1		
BB117-9	BUSH, MACH THD	A10306			1		
BL100	BLO, AIR	A10306			1		
CB21QW102K	CAP, FXD, MICA	A10306			1	C274	
CC109-1	CAP, FXD, CER	A10306			1	C275	
CM20C162G033	CAP, FXD, MICA	A10306			1	C212	
FC102-1XC	CLIP, FUSE	A10306			2		
FH103	HLDR, FUSE	A10306			1		
FS102-1	SPG, S TYPE	A10306			13		
FWO4MRN	WASH, FLAT	A10306	MS10406		4		
FW25HBN	WASH, FLAT	A10306	NT110-2520BN		1		
GA143-1	GSKT, BLO	A10306			1		
LD10090/MS10401	WRAPAROUND	A10306			1		
MS10401	WRAPAROUND	LD10090			1		
LWEO4MRN	WASH, LK, EXT	A10306	MS10420	12			
			MS10421	8			
			FC102-1XC	2			
			C274	1			
			MS10406	2	25		

REV E F G H USED ON MODEL: RFA-1B USED ON SECTION: ASSY SHEET 2 OF 4

PART NO.	DESCRIPTION	ITEM LOCATION			QTY. PER ASSY.	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY PER U/T/M			
LWEO6MRN	WASH, LK, EXT	A10306	A10261	2	2		
LWEO8MRN	WASH, LK, EXT	A10306	BL100	4			
			NS3W0216	4	8		
LWE10MRN	WASH, LK, EXT	A10306	MS10425		1		
LWSO3MRN	WASH, LK, SPG	A10306	FS102-1	13	26		
LWS25MRN	WASH, LK, SPLIT	A10306	NT110-2520BN		2		
MS202-5-2-2.37	LEAD, CONNTG	A10306			1		
MS10406	BRKT, CONN, MTG	A10306			1		
MS10420	VENT, LT SD	A10306			2		
MS10421	VENT, R SD	A10306			1		
MS10425	PL, CONN, LKG	A10306			1		
MS10428	PL, NEUT, CAP	A10306			1		
MWC22(7)U92	CBL, INS	A10306			6		
MWC22(7)U94	CBL, INS	A10306			6		
MWC22(7)U95	CBL, INS	A10306			6		
MWC22(7)U98	CBL, INS	A10306			6		
NS3W0216	INS, STANDOFF	A10306			2		
NTHO348BN6	NUT, HEX	A10306	FS102-1	13	26		
NTHO44OBN6	NUT, HEX	A10306	MS10460	12			
			MS10421	8			
			MS10406	2			
			TE104-1	2	24		

REV EFGH

USED ON MODEL: RFA-1B

USED ON SECTION:

ASSY SHEET 3 OF 4

NEXT ASSY: A10475

QTY PER NEXT ASSY: 1

ASSY LEVEL: 4

ASSY DESC: WRAPAROUND ASSY

ASSY PART NO: A10306

PART NO.	DESCRIPTION	ITEM LOCATION			QTY. PER ASSY.	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY PER U/T/M			
NTH0632BN8	NUT, HEX	A10306	A10261	2	2		
NTH1032BN10	NUT, HEX	A10306	MS10425		1		
NTH1032BN12	NUT, HEX	A10306	MS10425		1		
NTH2520BN14	NUT, HEX	A10306	NT110-2520BN	1	1		
NT110-2520BN	NUT, WING	A10306	SCHH2520BN16	1	1		
PX100-1-.085	INS, SLVG, BLK	A10306		4	4		
PX100-1-.166	INS, SLVG, BLK	A10306			4		
RC42GF101J	RES, FXD, COMP	A10306			1	R219	
RC42GF221J	RES, FXD, COMP	A10306			1	R218	
RC42GV180J	RES, FXD, COMP	A10306			1	R236	
RV4LAYS4503A	RES, VAR, AIR	A10306			1	R228	
SCBPO348BN3	SCR, MACH	A10306	C274		1		
SCBPO440BN4	SCR, MACH	A10306	TE102-2	1			
			TE104-1	2			
			MS10420	12			
			MS10421	8			
			FC102-1XC	2	25		
SCBPO440BN5	SCR, MACH	A10306	MS10406	2	2		
SCBPO632BN5	SCR, MACH	A10306	A10261		2		

PART NO.	DESCRIPTION	ITEM LOCATION			QTY. PER ASSY.	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY PER U/T/M			
SCBP0832BN8	SCR, MACH	A10306	BL100	4			
			NS3W0216	4	8		
SCBP1032BN16	SCR, MACH	A10306	MS10425		1		
SCFP0348BN4	SCR, MACH	A10306	FS102-1	13	26		
SCHH2520BN16	SCR, MACH	A10306	NT110-2520BN	1	1		
SML13	NUT, KNRLD	A10306	MS10425		1		
S404	IRIDITE, YEL	MS10401			X		
		MS10406			X		
		MS10420			X		
		MS10421			X		
		MS10425			X		
		MS10428			X	X	
TE102-2	TERM, TUB	A10306	R200		1		
TE104-1	SOLDER, EUP	A10306	R200		1		
			R200		1		
			RC40/U to				
			3rd		1		
TE102-2	TERM. STANDOFF	A10306			1		
UG625/U	CONN, RF	A10306			3		
WA109-46	WASH, FBR	A10306	NS3W0216	4	4		

LIST SECTION

PART NO.	DESCRIPTION	ITEM LOCATION			QTY. PER ASSY.	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY PER U/T/M			
MS10410	COV, AIR, FIL	A10261			1		
EY100-2	EYELET, MIL	A10261			3		
FS109-3	RING, STUD, RET	A10261			1		
FS110-1	STUD, TURNLOCK	A10261			1		
HI10001	HINGE	A10261			1		

REV EFGH

USED ON MODEL: RFA-1B

USED ON SECTION:

ASSY SHEET 1 OF 1

NEXT ASSY: A10306

QTY PER NEXT ASSY: 1

ASSY LEVEL: 5

ASSY DESC: CBL, ASSY, BLO

ASSY PART NO: CA10444

PART NO.	DESCRIPTION	ITEM LOCATION			QTY. PER ASSY.	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY PER U/T/M			
MWC20(7)U92	WIRE, ELEC, INS	CA10444			5		
MWC20(7)U94	WIRE, ELEC, INS	CA10444			5		
MWC20(7)U95	WIRE, ELEC, INS	CA10444			5		
MWC20(7)U96	WIRE, ELEC, INS	CA10444			5		
PX830-12-1	SLVG, SHRINK	CA10444			3		
TE120-2	LUG, SPADE	CA10444			2		
TE120-4	LUG, SPADE	CA10444			1		

MATERIAL LIST/NUMERICAL PARTS LIST 14/6/66

TOTAL SHEET 47 OF 67

REV	EFGH								USED ON MODEL:	RFA-1B	USED ON SECTION:		ASSY SHEET	1 OF 5
NEXT ASSY:	A10475	QTY PER NEXT ASSY:	1	ASSY LEVEL:	4	ASSY DESC:	DRIVER, CHAS, FNL ASSY					ASSY PART NO:	A10477	

PART NO.	DESCRIPTION	ITEM LOCATION			QTY. PER ASSY.	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY PER U/T/M			
AX161	SUPP, PARAS	A10477			1	PS201	
AX164	SUPP, PARAS	A10477			1	PS202	
A10302	DRIVER, CHAS MECH	A10477			1		
A10416	WAF, ASSY	A10477			1		
A10417	WAF, ASSY	A10477			1		
CA10111	CBL, ASSY RF	A10477			1		
CL10006-2	INDUCTOR, RF	A10477			2	L214, 218,	
					2	L221, 225	
CL10006-6	INDUCTOR, RF	A10477			2	L215, 216,	
					2	L217, 201,	
					2	L202, 203,	
					1	L204	
CL10006-7	INDUCTOR, RF	A10477			1	L222	
CL10011-1	COIL	A10477			1	L208	
CL10011-2	COIL	A10477			1	T207	
CL10020	COIL	A10477			2	T204, 201	
CL10021	COIL	A10477			2	T202, 205	
CL10022	COIL	A10477			2	T203, 206	
CL10023-2	INDUCTOR, RF	A10477			2	L219, 220	
					2	L223, 224	
CM20F102J	CAP, FXD, MICA	A10477			2	C221, 232,	
					1	C282	
CMI5D100G03	CAP, FXD, MICA	A10477			1	C284	

MATERIAL LIST/NUMERICAL PARTS LIST 14/6/66

LIST SECTION

REV	E F G H	USED ON MODEL:	RFA-1B	USED ON SECTION:	TOTAL SHEET	48 OF 67	
NEXT ASSY:	A10475	QTY PER NEXT ASSY:	1	ASSY LEVEL:	4	ASSY SHEET	2 OF 5
PART NO.		DESCRIPTION		ITEM LOCATION		ASSY PART NO:	A10477

PART NO.	DESCRIPTION	ITEM LOCATION			QTY. PER ASSY.	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY PER U/T/M			
GM15F751G03	CAP, FXD, MICA	A10477			1	C281	
CM35C103J	CAP, FXD, MICA	A10477			1	C228	
CN108C1003J	CAP, MYLAR	A10477			1	C227	
CU 102-1		A10477			1		
FW04MRN	WASH, FLAT	A10477	SW101	6	6		
FW06MRN	WASH, FLAT	A10477			1		
HB102-2	CAP, TUBE	A10477			1		
LWE06MRN	WASH, LK, EXT.	A10477	NS3W0104	1	1		
LWS04MRN	WASH, LK SPG	A10477	SW101	4	4		
MC102	SFT, COUPLER	A10477			1		
MC104-2	SFT, COUPLER	A10477			1		
MC111	SFT, COUPLER	A10477			1		
MWC22(7)U	WIRE, INS, PINK	A10477			7		
MWC22(7)U4	WIRE, INS	A10477			6		
MWC22(7)U5	WIRE, INS	A10477			5		
MS6022-1-3.000	STRAP, CONNECTING	A10477			1		
NTH044OBN6	NUT, HEX	A10477	SW101	4	4		
PM691FF8.00P	SFT, FLATTED	A10477			1		
PM691RF2.00B	SFT	A10477			1		
NS3W0104	INS-STANDOFF	A10477	PS202		1		
PX100-1-.118	INS SLVG	A10477			2		
PX104-1-.034	INS SLVG	A10477		9x1			
				3			
				4			
				4	20		

MATERIAL LIST/NUMERICAL PARTS LIST 14/6/66

LIST SECTION

REV E F G H

USED ON MODEL: RFA-1B

USED ON SECTION:

TOTAL SHEET 49 OF 67

NEXT ASSY: A10475

QTY PER NEXT ASSY: 1

ASSY LEVEL: 4

ASSY DESC:

DRIVER, CHAS, FNL ASSY

ASSY SHEET 3 OF 5

ASSY PART NO: A10477

PART NO.

DESCRIPTION

ITEM LOCATION

USED ON ASSEMBLY

USED TO MOUNT

QTY PER U/T/M

QTY. PER ASSY.

REFERENCE SYMBOLS

REMARKS

PX104-2-.034

INS SLVG

A10477

1

PX104-2-.034

INS SLVG

A10477

1

1

1

1

2

2

2

2

2

3

18

PX104-3-.034

INS SLVG

A10477

1

1

2

PX104-4-.034

INS SLVG

A10477

1

1

1

2

2

2

2

2

2

2

2

17

**MATERIAL LIST /
NUMERICAL PARTS LIST**

REV.

E F G H

MODEL: RFA-1B

SH. 50 OF 67

SHEET 4 OF 5

PART NO.	DESCRIPTION	ITEM LOCATION			QTY. PER UNIT	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY. PER USED TO MOUNT			
PX104-5-.034	INS SLVG	A10477		1 1 1 1 2 4	10 4		
PX104-6-.034	INS SLVG	A10477		1			
PX104-7-.034	INS SLVG	A10477		1 1 1 1 1 2 1	7		
RC20GF103J	RES, FXD, COMP	A10477		1	1	R203	
RC20GF120J	RES, FXD, COMP	A10477		1	1	R211	
RC20GF220J	RES, FXD, COMP	A10477		1	1	R207	
RC20GF222J	RES, FXD, COMP	A10477		2	2	R202, 205	
RC20GF224J	RES, FXD, COMP	A10477		1	1	R210	
RC20GF272J	RES, FXD, COMP	A10477		1	1	R204	
RC20GF333J	RES, FXD, COMP	A10477		1	1	R209	
RC20GF470J	RES, FXD, COMP	A10477		1	1	R208	
RC20GF562J	RES, FXD, COMP	A10477		1	1	R201	
RC20GF822J	RES, FXD, COMP	A10477		1	1	R234	
RC32GF153J	RES, FXD, COMP	A10477		1	1	R233	
RC32GF393J	RES, FXD, COMP	A10477		1	1	R238	
RC42GF561J	RES, FXD, COMP	A10477		1	1	R212	
SCRPO440BN28	SCR, MACH	A10477	SW101	4			
RC20GF223J	RES, FXD, COMP	A10477		1	1	R237	
SCBP0632BN4	SCR, MACH	A10477	NS3W0104	1			

**MATERIAL LIST /
NUMERICAL PARTS LIST**

REV.

E F G H

MODEL: RFA-1B

SH 51 OF 67

SHEET 5 OF 5

PART NO.	DESCRIPTION	ITEM LOCATION			QTY. PER UNIT	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY. PER USED TO MOUNT			
TE102-2	STANDOFF	A10477	C281, L222		1		
TE117-27	SPR	A10477	WS101		4		
TE169-1	FDTHRU	A10477			1		
TE104-2	TERM, LKG	A10477	PS202		1		
WA109-17	WASH, FBR	A10477	WS101		16		
TE114-1	TERM, FDTHRU	A10477			1		
WA109-36	WASH, FBR	A10477	NS3W0104		1		
SM142		CL414			1		
WI 100-2	CBL,SP,12/C	CL414			6		
WI 100-7	CBL,SP,22/C	CL414			2		
LWE25MRN	WASH, LK, EXT.	CL414			1		
NT102	NUT, HEX	CL414			1		
NTH0632BN4	NUT, HEX	CL414			1		

*CBL, SP, 12/C
22/C*

MATERIAL LIST/NUMERICAL PARTS LIST 14/6/66

LIST SECTION

REV EFGH

USED ON MODEL: RFA-1B

USED ON SECTION:

TOTAL SHEET 52 OF 67

NEXT ASSY: A10477

QTY PER NEXT ASSY: 1

ASSY LEVEL: 5

ASSY DESC: SUPP, PARAS

ASSY SHEET 1 OF 1

ASSY PART NO: AX164(A1453)

PART NO.

DESCRIPTION

ITEM LOCATION

USED ON ASSEMBLY

USED TO MOUNT

QTY PER U/T/M

QTY. PER ASSY.

REFERENCE SYMBOLS

REMARKS

BS100

SOLDER, SOFT

AX164

X

RC42GF120J

RES, FXD, COMP

AX164

1

WL100-5

WIRE, BUSS

AX164

4

A1453

AX164 ASSY

A1453

∅

REV EFGH USED ON MODEL: RFA-1B USED ON SECTION: ASSY SHEET 1 OF 1

NEXT ASSY: A10477 QTY PER NEXT ASSY: 1 ASSY LEVEL: 5 ASSY DESC: SUPP, PARAS ASSY PART NO: AX161(A1543-2)

PART NO.	DESCRIPTION	ITEM LOCATION			QTY. PER ASSY.	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY PER U/T/M			
BS100	SOLDER, SOFT	AX161			X		
RC20GF390J	RES, FXD, COMP	AX161			1		
WL100-5	WIRE, BUSS	AX161			3		
A1543-2	AX161 ASSY	AX161			∅		

REV EF GH USED ON MODEL: RFA-1B USED ON SECTION: ASSY SHEET 1 OF 1

NEXT ASSY: A10477 QTY PER NEXT ASSY: 1 ASSY LEVEL: 5 ASSY DESC: RF, CBL, ASSY ASSY PART NO: CA10111

PART NO.	DESCRIPTION	ITEM LOCATION			QTY. PER ASSY.	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY PER U/T/M			
CU101-9	FRL, INNER	CA10111			1		
CU101-10	FRL, OUTER	CA10111			1		
RG188/U	CBL, RF, MIN	CA10111			9		
WL103-1	SHLD, FLEX	CA10111			1		
PX830-18-1	INS SLVG SHRINK	CA10111			1		

REV	EFGH							USED ON MODEL:	RFA-1B	USED ON SECTION:		ASSY SHEET	1	OF	1	
NEXT ASSY:	A10477			QTY PER NEXT ASSY:	1	ASSY LEVEL:	5	ASSY DESC:	WAF, ASSY				ASSY PART NO:	A10417		

PART NO.	DESCRIPTION	ITEM LOCATION			QTY. PER ASSY.	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY PER U/T/M			
WS101	SW, WAF	A10417			1	S201B	
MS783-2-32S	STRAP, CONNTG	A10417	S201B		3		
WL100-7	WIRE, BUSS	A10417		2			
				5x3			
				3x3			
				4	30		

REV EFGH
 USED ON MODEL: RFA-1B
 USED ON SECTION:
 ASSY SHEET 1 OF 1

NEXT ASSY: A10477
 QTY PER NEXT ASSY: 1
 ASSY LEVEL: 5
 ASSY DESC: WAF, ASSY
 ASSY PART NO: A10416

PART NO.	DESCRIPTION	ITEM LOCATION			QTY. PER ASSY.	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY PER U/T/M			
WS101	SW, WAF	A10416			1	S201A	
MS783-2-32S	STRAP, CONNTG	A10416	S201A		3		
WL100-7	WIRE, BUSS	A10416		2x2 2x3 2x3 3x2	4	26	

MATERIAL LIST/NUMERICAL PARTS LIST 14/6/66

TOTAL SHEET 57 OF 67

LIST SECTION

REV	E F G H	USED ON MODEL:	RFA-1B	USED ON SECTION:		
NEXT ASSY:	A10477	QTY PER NEXT ASSY:	1	ASSY LEVEL:	5	
		ASSY DESC:	DRIVER, CHAS, MECH ASSY		ASSY PART NO:	A10302

LIST SECTION	PART NO.	DESCRIPTION	ITEM LOCATION			QTY. PER ASSY.	REFERENCE SYMBOLS	REMARKS
			USED ON ASSEMBLY	USED TO MOUNT	QTY PER U/T/M			
4	A10418	CAP, MTG ASSY	A10302			1		
4	A10419	CAP, MTG ASSY	A10302			1		
4	A10420	SHLD, RF DRIVER	A10302			1		
4	A10421	BRKT, SD DRIVER	A10302			1		
4	A10307	DRIVER, PL	A10302			1		
4	A10308	TRIMMER, BRKT	A10302			2		
	CB21QW102K	CAP, FXD, MICA	A10302		2		C224, 230	
	CB21QW471K	CAP, FXD, MICA	A10302		1	3	C209	
	CE63C500G	CAP, FXD, ELECT	A10302			1	C222	
	CK70AW202M	CAP, FXD, CER	A10302		2		C231	
					2		C225, 226	
					2		C279, 280	
	CV11A070	CAP, VAR	A10302		1	5	C206	
	CV11C300	CAP, VAR	A10302			1	C223	
	EY102-2	GROM, RUB	A10302			2	C201, 207	
					1			
	FWO6MRN	WASH, FLAT	A10302	MS10416 to				
				MS10402	2			
				MS10402 to				
				MS10397	5	7		
	LD10091/MS10397	CHAS, DRIVER	A10302			1		
	MS10397	CHAS, DRIVER	LD10091			1		

MATERIAL LIST/NUMERICAL PARTS LIST 14/6/66

TOTAL SHEET 58 OF 67

REV EFGH USED ON MODEL: RFA-1B USED ON SECTION: ASSY SHEET 2 OF 4

NEXT ASSY: A10477 QTY PER NEXT ASSY: 1 ASSY LEVEL: 5 ASSY DESC: DRIVER, CHAS, MECH ASSY ASSY PART NO: A10302

PART NO.	DESCRIPTION	ITEM LOCATION			QTY. PER ASSY.	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY PER U/T/M			
LD10100/MS10416	SHLD, CAP	A10302			1		
MS10416	SHLD, CAP	LD10100			1		
LWEO4MRN	WASH, LK EXT	A10302	MS10404	2x2			
			TE102-2	6x1			
			C224, 230, C209, 222.	4x1			
			NT101-5	2	16		
LWEO6MRN	WASH, LK EXT	A10302	MS10416 to MS10402	2			
			MS10407 to MS10397	2			
			MS10402 to MS10397	2			
			MS10414 to MS10397	3			
			PX10004 to MS10397	2x3			
			C231	1	16		
LWSO3MRN	WASH, SPLIT	A10302	C223, 207, 201	3x2	6		
NS10003-1	INS FDTHRU	A10302			3		
NTHO440EN6	NUT, HEX	A10302	MS10404	2x2	4		
NTHO632EN8	NUT, HEX	A10302	MS10416 to MS10412	2			
			MS10407 to MS10397	1			
			MS10402 to MS10397	5			
			PX10004 to MS10397	2x4			
			C231	1	17		
NT101-5	NUT, STRAP	A10302	XV201		1		

Ottawa, Ontario

MATERIAL LIST/NUMERICAL PARTS LIST 14/6/66

TOTAL SHEET 59 OF 07

REV EFGH USED ON MODEL: RFA-1B USED ON SECTION: ASSY SHEET 3 OF 4

NEXT ASSY: A10477 QTY PER NEXT ASSY: 1 ASSY LEVEL: 5 ASSY DESC: DRIVER CHAS, MECH ASSY ASSY PART NO: A10302

PART NO.	DESCRIPTION	ITEM LOCATION			QTY. PER ASSY.	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY PER U/T/M			
SCBPO348BN3	SCR, MACH	A10302	C222, 224, C230, 209	1	4		
SCBPO440BN3	SCR, MACH	A10302	TE102-2	1	7		
SCBPO440BN4	SCR, MACH	A10302	NT101-5	2	2		
SCBPO440BN5	SCR, MACH	A10302	MS10404	2x2	4		
SCBPO632BN4	SCR, MACH	A10302	MS10414 to MS10397	3			
			MS10402 to MS10397	1			
			C231	1	5		
SCBPO632BN5	SCR, MACH	A10302	MS10416 to MS10402	2			
			MS10407 to MS10397	1			
			MS10402 to MS10397	4	7		
SCBPO632BN6	SCR, MACH	A10302	PX10004 (A10419)	4			
			PX10004 (A10418)	3	7		
SCBPO632BN7	SCR, MACH	A10302	PX10004 (A10418)		1		
SCRPO440BN7	SCR, MACH	A10302	C223, 207, 201	3x2	6		
S404	IRIDITE, YEL	MS10397			X		
		MS10416			X	X	
TE102-2	TERM, TUR	A10302	L219		1		
			L220, C228		1		
			R207		1		
			L214		1		
			L225		1		
			PS201		1		
			C232, PS202, L204		1	7	

MATERIAL LIST/NUMERICAL PARTS LIST 14/6/66

SHEET 60 OF 67

REV E F G H

USED ON MODEL: RFA-1B

USED ON SECTION:

ASSY SHEET 4 OF 4

NEXT ASSY: A10477

QTY PER NEXT ASSY: 1

ASSY LEVEL: 5

ASSY DESC: DRIVER CHAS, MECH ASSY

ASSY PART NO: A10302

PART NO.	DESCRIPTION	ITEM LOCATION			QTY. PER ASSY.	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY PER U/T/M			
TE104-2	TERM, LKG	A10302	R210, C228	1			
			CA10110 to				
			Gnd	1			
			R205	1	3		
TE104-5	TERM, LKG	A10302	R202		1		
TS103P01	TUBE, SOC	A10302			1	XV201	
WA109-17	WASH, FBR	A10302	C223, 207				
			C201	3x4	12		

REV E F G H USED ON MODEL: RFA-1B USED ON SECTION: ASSY SHEET 1 OF 1

NEXT ASSY: A10302 QTY PER NEXT ASSY: 1 ASSY LEVEL: 6 ASSY DESC: CAP, MTG, ASSY ASSY PART NO: A10418

PART NO.	DESCRIPTION	ITEM LOCATION			QTY. PER ASSY.	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY PER U/T/M			
CBL39-1	CAP, VAR, AIR	A10418			1	C205A	
FWO6MRN	WASH, FLAT	A10418	C205A		4		
LWEO6MRN	WASH, LK, EXT	A10418	C205A		4		
MS783-2-32S	STRAP, CONNTG	A10418	C205A		4		
NTH0632BN8	NUT, HEX	A10418	C205A		4		
PX10004	BASE, CAP, MTG	A10418	C205A		1		
TE154-.169	TERM, DUAL	A10418	C202,204,				
			C203	1			
			L208,T203	1			
			T201,202,				
			S201A,				
			R201,202,				
			R203	1	3		

MATERIAL LIST/NUMERICAL PARTS LIST 14/6/66

REV EFGH USED ON MODEL: RFA-1B USED ON SECTION: ASSY SHEET 1 OF 1

NEXT ASSY: A10302 QTY PER NEXT ASSY: 1 ASSY LEVEL: 6 ASSY DESC: CAP, MTG, ASSY ASSY PART NO: A10419

PART NO.	DESCRIPTION	ITEM LOCATION			QTY. PER ASSY.	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY PER U/T/M			
CB139-2	CAP, VAR, AIR	A10419			1	C205B	
FWO6MRN	WASH, FLAT	A10419	C205B		4		
LWEO6MRN	WASH, LK, EXT	A10419	C205B		3		
MS783-2-32S	STRAP, CONNTG	A10419	C205B		4		
NTH0632BN8	NUT, HEX	A10419	C205B		4		
PX10004	BASE, CAP, MTG	A10419	C205B		1		
TE104-2	TERM, LKG	A10419	C232		1		
TE154-.169	TERM, DUAL	A10419	C208,211,210	1	3		
			T206,207	1			
			T204,205, S201B,R234, R204	1			

REV E F G H USED ON MODEL: RFA-1B USED ON SECTION: ASSY SHEET 1 OF 1

NEXT ASSY: A10302 QTY PER NEXT ASSY: 1 ASSY LEVEL: 6 ASSY DESC: BRKT, SD DRIVER, CHAS ASSY PART NO: A10421

PART NO.	DESCRIPTION	ITEM LOCATION			QTY. PER ASSY.	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY PER U/T/M			
CK70AW202M	CAP, FXD, FDTHRU	A10421		2		C252, 253,	
				2		C254, 255,	
				1	5	C256	
EY102-2	GROM, RUB	A10421			2		
EY102-3	GROM, RUB	A10421			1		
LD10095/MS10402	BRKT, SD, DRIVER	A10421			1		
MS10402	BRKT, SD, DRIVER	LD10095			1		
LWEO4MRN	WASH, LK, EXT	A10421	TE102-2		2		
NTH0632BN8	NUT, HEX	A10421	TE104-2		1		
SCBPO44OBN3	SCR, MACH	A10421	TE102-2		2		
SCBPO632BN4	SCR, MACH	A10421	TE104-2		4		
S404	IRIDITE, YEL	MS10402			X		
TE102-2	TERM, TUR	A10421	C227, L218	1			
			HB102-2				
			PS202	1	2		
TE104-2	TERM, LKG	A10421	CA10110-2				
			CA10111				
			to Gnd	1	1		

REV E F G H

USED ON
MODEL: RFA-1BUSED ON
SECTION:ASSY
SHEET 1 OF 1NEXT
ASSY: A10302QTY PER
NEXT ASSY: 1ASSY
LEVEL: 6ASSY
DESC: DRIVER, PL SUB ASSYASSY
PART NO: A10307

PART NO.	DESCRIPTION	ITEM LOCATION			QTY. PER ASSY.	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY PER U/T/M			
LD10099/MS10414	PL, DRIVER MTG	A10307			1		
MS10414	PL, DRIVER MTG	LD10099			1		
CB21QW102K	CAP, MICA	A10307			2	C233, 283	
CM35C102J	CAP, MICA	A10307			1	C234	
LWE04MRN	WASH, LK, EXT	A10307	C233, 283	2			
			TE102-2	1	3		
LWE06MRN	WASH, LK, EXT	A10307	TS101P01		1		
NTH0632BN8	NUT, HEX	A10307	TS101P01		2		
PX104-6-.034	INS, SLVG, BLU	A10307			2		
SCBPO348BN3	SCR, MACH	A10307	C233, 283		2		
SCBPO44OBN3	SCR, MACH	A10307	TE102-2		1		
SCBPO632BN5	SCR, MACH	A10307	TS101P01		2		
S404	IRIDITE, YEL	MS10414			X		
TE108-18	NUT, PLN, CLINCH	MS10414			3		
TE102-2	TERM, TUR	A10307	L224		1		
TE104-2	TERM, LKG	A10307	CA10111 to				
			Gnd		1		
TS101P01	TUBE, SOC	A10307			1	XV202	

REV E F G H USED ON MODEL: RFA-1B USED ON SECTION: ASSY SHEET 1 OF 1

NEXT ASSY: A10302 QTY PER NEXT ASSY: 1 ASSY LEVEL: 6 ASSY DESC: TRIMMER BRKT, SUB ASSY ASSY PART NO: A10308

PART NO.	DESCRIPTION	ITEM LOCATION			QTY. PER ASSY.	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY PER U/T/M			
CV11C300	CAP, TRIMMER	A10308		2		C202, 204,	
				1	3	C203	
LWEO4MRN	WASH, LK, EXT	A10308	CV11C300	2	6		
MS10404	BRKT	A10308			1		
NTHO44OBN6	NUT, HEX	A10308	CV11C300	2	6		
PX100-1-.125	INS, SLVG, BLK	A10308			3		
PX104-1.034	INS, SLVG, BLK	A10308			4		
SCBPO44OBN7	SCR, MACH	A10308	CV11C300	2	6		
S404	IRIDITE, YEL	MS10404			X		
WA109-17	WASH, FBR	A10308	CV11C300	4	12		
WL100-7	WIRE, BUSS	A10308			8		

MATERIAL LIST/NUMERICAL PARTS LIST 17/6/64

TOTAL SHEET 67 OF 67

LIST SECTION

REV EFGH USED ON MODEL: RFA-1B USED ON SECTION: ASSY SHEET 1 OF 1

NEXT ASSY: A10302 QTY PER NEXT ASSY: 1 ASSY LEVEL: 6 ASSY DESC: TRIMMER, BRKT SUB ASSY ASSY PART NO: A10308

PART NO.	DESCRIPTION	ITEM LOCATION			QTY. PER ASSY.	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY PER U/T/M			
CV11C300	CAP, TRIMMER	A10308		2		C208, 211	
				1	3	C210	
LWEO4MRN	WASH, LK, EXT	A10308		2	6		
MS10404	BRKT	A10308			1		
NTHO44OBN6	NUT, HEX	A10308	CV11C300	2	6		
PX100-1-.125	INS SLVG, BLK	A10308			3		
PX104-1-.034	INS SLVG, BLK	A10308			4		
SCBPO44OBN7	SCR, MACH	A10308	CV11C300	2	6		
5 S404	IRIDITE, YEL	MS10404			X		
WA109-17	WASH, FBR	A10308	CV11C300	4	12		
WL100-7	WIRE, BUSS	A10308			8		

