

M A T E R I A L L I S T

FOR

ANTENNA MULTICOUPLER MODEL AMC 6-2/70U

- | | |
|-----------------------------------|--|
| SECTION I: (SH. 1-4) | Electrical Components and Mechanical Parts |
| SECTION II: (SH. 5-6) | Hardware |
| SECTION III: (SH. 6) | Loose Items shipped with Equipment |
| SECTION IV: (SH. 7, 8)
(SH. 8) | Supporting Drawings
Specifications |

CHECKED::

W. K.

APPROVED:

W. K.

TYPED: May 1, 1961 NK/hh

BILL OF MATERIAL	MODEL	AMC 6-2/70U	PROJ. NO.		LIST NO.	ML-10046
	ISSUE	A B C D E F G H J K			SHEET	1 OF 8 SHEETS

OTTAWA, ONTARIO

TMC(Canada)LIMITED

PART NO.	QUAN. PER ONE EQUIP.	DESCRIPTION	REMARKS
SECTION I: <u>Electrical Components and Mechanical Parts</u>			
A-10024-1	1	ASSEMBLY: line filter	<i>See</i>
A-10095	1	ASSEMBLY: coil	
BB-101	1	BEARING: bushing	
BI-101-44	1	LAMP: incandescent, bayonet base, .25 amp. 6-8 volts.	
CA-10009	1	CABLE HARNESS	
CA-10124-7	6	CABLE ASSEMBLY: coaxial output	
CA10045-2	1	CABLE: input, coax.	
CC21SL030D	2	CAPACITOR: fixed, ceramic, 3.0 uuf	
CC21SL2R6C	2	CAPACITOR: fixed, ceramic, dielectric	
CM20B102K	20	CAPACITOR: fixed, mica, 1000 uuf.	
CM35B103K	3	CAPACITOR: fixed, mica, 10,000 uuf.	
CM35B512K	6	CAPACITOR: fixed, mica, 5100 uuf.	
CN-100-17	2	CAPACITOR: fixed, duranite, .02 uf.	
CP40C2FF405K	3	CAPACITOR: fixed, paper, 4 uf, 600 V.	
CU-100-5	1	CLAMP	
CU-126-B	4	FERRULE: handle	
CU-10003	1	CLAMP: cable	
CU-10004	1	CLAMP: cable	
DL-10001	1	DELAY LINE	
DL-10003	1	DELAY LINE	
EY-100-1	2	RIVET	

↑ APPLICABLE SPECIFICATIONS. LAST PAGE ↓

CHECKED *M. W.*

APPROVED *100c*

ANTENNA MULTICOUPLER MODEL AMC 6-2, 70 U

BILL OF MATERIAL		MODEL	AMC 6-2/70U										PROJ. NO.	LIST NO.	ML-10046	
		ISSUE	A	B	C	D	E	F	G	H	J	K			SHEET 2	OF 8 SHEETS
PART NO.	QUAN. PER ONE EQUIP.	DESCRIPTION											REMARKS			
EY-102-3	3	GROMMET: rubber														
EY-10001-1	2	GROMMET: rubber														
FH-10001-1	2	HOLDER: fuse, extractor type														
FU-102-2	2	FUSE: cartridge, slo-blow, 2 amp., 125 V.											F101,102			
FX-10002	1	FILTER: (See Material List ML-10108)														
HA-102-5BN	2	HANDLE: front panel														
JJ-100	1	RECEPTACLE														
LD-10008-TMC	1	PANEL: engraved, TMC grey											Ref. MS-10087			
LD-10152	1	CHASSIS: silkscreening, Sheets 1 & 2											Ref. MS-10513			
LD-10168		LETTERING: MS-10554														
MP-100-4	1	KNOB: pointer type														
MS-10554	1	Bracket, Bias Pot											Ref. LD-10168			
MS-10090-2	1	SIDE BRACKET: left														
MS-10090-1	1	SIDE BRACKET: right														
MS-10091	1	BARRIER														
MS-10092	1	COVER: bottom														
MS-10094	1	BRACKET: switch mounting														
MS-10095-L	1	SHIELD STRIPPING: left side 10"														
MS-10095-R	1	SHIELD STRIPPING: right side 10"														
MS-10096	1	BRACKET: antenna jack														
MS-10263-16	2	SHIELD STRIPPING: 16" long														
NP-354	1	NAMEPLATE: identification														
NP-10029	1	NAMEPLATE AMC 6											u/o A-10024-1			
PP-10004	1	TERMINAL BOARD: AC line filter														
RC20GF101J	1	RESISTOR: fixed, comp. 100 ohms, $\pm 5\%$, 1/2w.														
RC20GF102J	1	RESISTOR: fixed, comp. 1000 ohms, $\pm 5\%$, 1/2w.														
RC20GF470J	12	RESISTOR: fixed, comp. 47 ohms, $\pm 5\%$, 1/2w.														
RC20GF473J	6	RESISTOR: fixed, comp. 47,000 ohms, $\pm 5\%$, 1/2w.														
RC32GF223J	6	RESISTOR: fixed, comp. 22,000 ohms, $\pm 5\%$, 1 watt														
↑ APPLICABLE SPECIFICATIONS, LAST PAGE ↓		CHECKED <i>M. W.</i>											APPROVED <i>Jue</i>			

OTTAWA, ONTARIO

TMC(Canada)LIMITED

ANTENNA MULTICOUPLER MODEL AMC 6-2/70U

BILL OF MATERIAL		MODEL AMC 6-2/70U		PROJ. NO.				LIST NO. ML-10046							
		ISSUE		A	B	C	D	E	F	G	H	J	K	SHEET 3 OF 8 SHEETS	
PART NO.	QUAN. PER ONE EQUIP.	DESCRIPTION										REMARKS			
RE70C3500	1	RESISTOR: FIXED, WIREWOUND, 350ohms, ±1%,15W										R156			
RC32GF103K	1	RESISTOR: glass, fixed, 220 ohms										u/o A-10095			
RC32GF470J	2	RESISTOR: fixed, comp, 47 ohms, + 5%, 1 w.										R105,106			
RC32GF681J	12	RESISTOR: fixed, comp, 680 ohms, + 5%, 1w.													
RC32GF270K	1	RESISTOR: fixed, comp., 27 ohms +10%, 1w.										R102			
RN75B2200F	2	RESISTOR: glass, fixed, 220 ohms, ± 1%													
RN75B6801F	8	RESISTOR: glass, fixed, 6800 ohms, ± 1%													
RN75B4300F	2	RESISTOR: glass, fixed, 430 ohms													
RV4ATXA500A	1	RESISTOR: variable, comp., 2w.										R155			
RW-109-28	1	RESISTOR: fixed, wire wound, 2K ohm, ± 5%, 10 watt.													
SO-239	8	RECEPTACLE: coaxial													
ST-22K	1	SWITCH: toggle													
SW-10004-1	1	SWITCH: rotary													
TE-102-2	22	TERMINAL: turret													
TE-104-2	2	TERMINAL: locking													
TE-104-3	1	TERMINAL: locking													
TE-104-4	5	TERMINAL: locking													
TE-109-3	3	SPLIT TERMINAL: lug													
TE-110-3	1	LUG: solder													
TE-113-.149	4	TERMINAL: lug													
TE-113-120	16	TERMINAL: lug													
TE-117-7	2	SPACER													
TE-117-28	6	SPACER													
TE-10003-1	3	TERMINAL: solder													
TE-10011-1	25	LUG: solder													
TE-10011-2	11	LUG: solder													

OTTAWA, ONTARIO

TMC(Canada)LIMITED

↑ APPLICABLE SPECIFICATIONS. LAST PAGE ↓

CHECKED *M. R.*

APPROVED *HC*

ANTENNA MULTICOUPLER MODEL AMC 6-2/70U

BILL OF MATERIAL		MODEL	AMC 6-2/70U					PROJ. NO.	LIST NO. ML-10046						
		ISSUE	A	B	C	D	E	F	G	H	J	K	SHEET 4 OF 8 SHEETS		
PART NO.	QUAN. PER ONE EQUIP.	DESCRIPTION										REMARKS			
TF-1 0008	1	TRANSFORMER: power													
TF-1 0010	2	CHOKE: filter													
TR-057	6	TRANSFORMER: output										See ML-1 0107			
TR-058	1	TRANSFORMER: neutralizing										See ML-1 0106			
TR-059	1	TRANSFORMER: input										See ML-1 0105			
TR-062	1	TRANSFORMER: neutralizing										See ML-1 0104			
TS-1 01-PO1	1	SOCKET: octal													
TS-1 02-PO1	10	SOCKET: tube, 7 pin miniature													
TS-1 02-UO2	8	SHIELD: tube													
TS-1 02-UO3	2	SHIELD: tube													
TS-106-1	1	PILOT LAMP													
		<u>TUBES:</u>													
OB2	2	TUBE: electron													
5U4GB	1	TUBE: electron													
6AH6	6	TUBE: electron													
6J4	2	TUBE: electron													

OTTAWA, ONTARIO
 TMC(Canada)LIMITED

↑ APPLICABLE SPECIFICATIONS, LAST PAGE ↓

CHECKED *H. W.*

APPROVED *hac*

ANTENNA MULTICOUPLER MODEL AMC 6-2/70U

BILL OF MATERIAL		MODEL	AMC 6-2/70U										PROJ. NO.	LIST NO.
		ISSUE	A	B	C	D	E	F	G	H	J	K		ML-10046
													SHEET 5 OF 8 SHEETS	
PART NO.	QUAN. PER ONE EQUIP.	DESCRIPTION											REMARKS	
<u>SECTION II: HARDWARE</u>														
LWE06MRN	3	LOCKWASHER: external tooth # 6											(2)RE70 mtg	
LWE08MRN	7	LOCKWASHER: external tooth # 8												
LWE10MRN	4	LOCKWASHER: external tooth # 10												
LWI04MRN	32	LOCKWASHER: internal tooth												
LWI06MRN	1	LOCKWASHER: internal tooth												
LWI37MRN	1	LOCKWASHER: internal tooth												
LWS04MRN	33	LOCKWASHER: spring												
LWS06MRN	13	LOCKWASHER: spring												
LWS08MRN	2	LOCKWASHER: spring												
LWS10MRN	11	LOCKWASHER: spring												
NT-101-4	10	NUT STRAP: 7 pin												
NT-108-1	21	NUT: speed												
NTH0440BN6	30	NUT: hexagon												
NTH0440BN8	1	NUT: hexagon												
NTH0632BN8	37	NUT: hexagon											(2)RE70 mtg.	
NTH0832BN8	2	NUT: hexagon												
NTH0832BN10	2	NUT: hexagon												
NTH0832BN11	8	NUT: hexagon												
NTH1032BN12	12	NUT: hexagon												
SCBP0440BN2	18	SCREW: machine												
SCBP0440BN3	38	SCREW: machine												
SCBP0440BN4	20	SCREW: machine												
SCBP0440BN5	7	SCREW: machine												
SCBP0440BN7	2	SCREW: machine												
SCBP0440BN10	10	SCREW: machine												
SCBP0440BN14	2	SCREW: machine												
SCBP0440BN16	6	SCREW: machine												
↑ APPLICABLE SPECIFICATIONS, LAST PAGE ↓		CHECKED <i>M. Ker</i>											APPROVED <i>Aue</i>	

OTTAWA, ONTARIO

TMC(Canada)LIMITED

ANTENNA MULTICOUPLER MODEL AMC 6-2/70U

BILL OF MATERIAL		MODEL	AMC 6-2/70U										PROJ. NO.	LIST NO.	ML-10046
		ISSUE	A	B	C	D	E	F	G	H	J	K			SHEET 6 OF 8 SHEETS
PART NO.	QUAN. PER ONE EQUIP.	DESCRIPTION											REMARKS		
SCBP0632BN5	11	SCREW: machine											(2)RE 70 mtg.		
SCBP0632BN6	22	SCREW: machine													
SCBP0832BN5	4	SCREW: machine													
SCBP0832BN8	2	SCREW: machine													
SCBP0832BN14	2	SCREW: machine													
SCBP1032BN12	4	SCREW: machine													
SCFP0440BN4	2	SCREW: machine													
SCFP0440BN5	24	SCREW: machine													
SCFP0632BN32	2	SCREW: machine													
SFB0256SN3	4	SCREW: self tapping													
WA-109-18	12	WASHER: fibre													
		SECTION III: <u>Loose Items shipped with equipment</u>													
CA-103-72	1	CABLE: power 72 inches long													
PL-259	7	PLUG: coaxial													

OTTAWA, ONTARIO

TMC(Canada)LIMITED

↑ APPLICABLE SPECIFICATIONS, LAST PAGE ↓

CHECKED *U. B.*

APPROVED *Arce*

ANTENNA MULTICOUPLER MODEL AMC 6-2/70U

BILL OF MATERIAL		MODEL	AMC 6-2/70U				PROJ. NO.					LIST NO.	ML-10046		
		ISSUE	A	B	C	D	E	F	G	H	J	K	SHEET 7 OF 8 SHEETS		
PART NO.	QUAN. PER ONE EQUIP.	DESCRIPTION										REMARKS	DWG. SIZE		
		<u>SECTION IV: SUPPORTING DRAWINGS</u>													
A-10024		By-Pass Capacitor Assembly											1		
A-10025		Front Panel Sub-Assembly											8		
A-10026		Chassis, Main Assembly											8		
A-10027		Wire and Cable Assembly											8		
A-10028		Chassis Component Sub-Assembly											8		
A-10029		Mechanical Sub-Assembly											8		
A-10072		Coil Bracket Assembly											1		
A-10095		Coil Bracket Assembly											1		
CA-10 009		Cable Harness											8		
CA-10 011		Output Coaxial Lead Assembly													
CA-10 124		Cable Assembly											4		
CK-1 0060		Schematic											8		
CU-10 003		Cable Clamp											1		
CU-1 0001		Cable Clamp											1		
DL-10 001		Delay Line (DL-1 01)											1		
DL-10 003		Delay Line (DL-1 02)											4		
EY-10001		Rubber Grommet											1		
FH-1 0001		Fuse Holder											1		
FX-10 002		Low Frequency Filter											2		
ID-10034		Sub-Assembly Bottom View											8		
LD-10 008		Front Panel Engraving											8		
LD-10008		Panel Engraving											8		
LD-10 152		Lettering, Main Chassis											8		
LD-10 168		Lettering, MS-10554													
MS-10 087		Front Panel											8		
MS-10 090		Side Brackets											4		
MS-10 091		Barrier											8		
MS-10 554		Bracket													
↑ APPLICABLE SPECIFICATIONS, LAST PAGE ↓		CHECKED				APPROVED <i>Joe</i>									

OTTAWA, ONTARIO

TMC(Canada)LIMITED

BILL OF MATERIAL		MODEL	AMC 6-2/70U		PROJ. NO.	LIST NO.	ML-10046					
		ISSUE	A	B	C	D	E	F	G	H	K	SHEET 8 OF 8 SHEETS
PART NO.	QUAN. PER ONE EQUIP.	DESCRIPTION							REMARKS	DWG. SIZE		
MS-10 092		Bottom Cover								8		
MS-10 094		Bracket (Switch Mounting)								1		
MS-10 095		Shield Stripping								2		
MS-10 096		Bracket, Antenna Jack								1		
MS -10263-16		Shield Stripping								2		
MS -10513		Chassis								8		
NP-10 029		Nameplate								1		
PP-1 0004		Terminal Board								1		
SW-10 004		Rotary Switch								1		
TF-10 008		Transformer										
TF-10 010		Choke										
TR-057		Transformer								1		
TR-058		Transformer								1		
TR-059		Transformer								2		
TR-062		Transformer								1		
S-10007		Mod. to AMC 6 for 200 ohm bal. Input								1		
S-10009		Mod. to AMC 6-2 for 50 ohm unbl. Input								1		
S-10015		AMC 6-2 Noise Measurement								1		
S-10017		Pre-Testing of AMC 6-2								1		
S-10046		Replacement of Power Trans. in AMC-6-2 or										
S-10064		AMC-6-3 Multicouplers										
		Final Test Procedure										

TMC(Canada)LIMITED OTTAWA, ONTARIO

↑ APPLICABLE SPECIFICATIONS, LAST PAGE ↓

CHECKED

APPROVED *Joe*

REVISION SHEET

TMC (CANADA) LIMITED
OTTAWA ONTARIO

ML-10046

MODEL AMC-6-2/70U -- PROJECT NO. -----

DATE	REV.	PAGE	ITEM	DESCRIPTION	REMARKS	CHK.	APP.
25/8/61	A	2,7		LD-10008 was LD-10029		NK/bvj	16
12/21/61	B	2	6106	Chg. MS-10090-L to MS-10090-2.			16
				Chg. MS-10090-R to MS-10090-1.			16
3/26/62	C	8	6564	Add S-10046.			16
3/28/63	D	2 & 7	8692	Add 1 ea. MS-10554 & 1 ea. LD-10168			16
		3		On RC32GF470J, Chg. Quan. from 3 to 2 (Delete R102)			16
				Add 1 ea. RC32GF270K, Sym. R102			16
				Add 1 ea. RV4ATXA500A, Sym. R155			16
		2		Chg. FU-102-1 to FU-102-2 (F101,102)			16
5/15/63	E	8	9041	Revised per EMN (Add S-10064)			16
8-20-63	F	3	9825	Sh. 3 chg. RC32GF270J to RC32GF270K			16
3/9/64	G	2	10982	Revised Sheet 2 per EMN.			16
5/20/64	H	3,5,6	11434	Revised Shts. 3,5,6 per EMN			16
9/22/64	J	7	12296	Revised sht. 7 per EMN			16
2/14/66	K	1	15774	Revised per EMN			16