

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

SIGNAL CONTROL UNIT

MODEL SCU-2

SECTION I Electrical components and mechanical parts

SECTION II Hardware (Nuts, screws, washers etc.)

SECTION III Supporting drawings.

Checked

J. C. ...

Approved

W. C. ...

Typed: December 23, 1959.

SIGNAL CONTROL UNIT SCU-2

BILL OF MATERIAL		MODEL		PROJ. NO.										LIST NO.	
		SCU-2												ML-10069	
		ISSUE												SHEET 1 OF 4 SHEETS	
		A													
		B													
		C													
		D													
PART NO.	QUAN. PER ONE EQUIP.	SECTION: I	DESCRIPTION	REMARKS											
		ELECTRICAL COMPONENTS AND MECHANICAL PARTS:													
BI-10001	1		LAMP: Drake type No. R115, Taperlite Stay pins for above TE-10012	I101											
CA-103-72	1		POWER CORD:	Supplied as loose item W101, P101											
CA-10100	1		HARNESS:												
CE52F200R	2		CAPACITOR: 20 uf, 450 V. (Pyramid)	C101, C102											
CP54BIEF104K	1		CAPACITOR: 0.1 uf, 600 V.	C103											
CU-100-6	1		RET., ELEC. TUBE	RY101, RY102 MTG											
FH-10001-1	2		FUSEHOLDER:	XF101, XF102											
FU-100-.500	1		FUSE: 1/2 amp. (Little fuse) # 312.500	F101											
FU-102-.032	1		FUSE: 1/32 slow blow (Little fuse) # 313.032	F102											
1N478	1		DIODE:	CR101											
JJ-100	1		JACK: Twist lock (Hubbell) Cat. # 7466	J101											
JJ-122-2	1		JACK: AC female socket (Amphenol) Cat. # 61-F	J102											
MS-10330	1		CHASSIS:												
MS-10331	1		COVER:												
MS-10332	1		BASE:												
MS-10333	3		POST COVER SUPPORT ROD:												
NP-10042	1		NAMEPLATE:												
RC20GF104K	1		RESISTOR: 100K, 1/2 Watt	R103											
RC20GF471K	1		RESISTOR: 470 ohm, 1/2 Watt	R102											
RC30GF101K	1		RESISTOR: 100 ohm, 1 Watt,	R105											
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OTTAWA, ONTARIO

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SIGNAL CONTROL UNIT SCU-2

BILL OF MATERIAL		MODEL	SCU-2		PROJ. NO.				LIST NO.	ML-10069	
		ISSUE	B	CD					SHEET	2 OF 4 SHEETS	
PART NO.	QUAN. PER ONE EQUIP.	DESCRIPTION						REMARKS			
RL-10008	1	RELAY: BCS 21 10MA form B (Clare) A-25955						RY-101			
RL-10009	1	RELAY: BC 307 60MA form C (Clare) B-25955						RY-102			
RV4ATXA505A	1	RESISTOR: 5 Meg ohm, variable linear taper (Ohmite CLU 5052)						R104			
RW-109-36	1	RESISTOR: 15 K, 10 Watt						R101			
ST-22-K	1	SWITCH:						S101			
TF-126	1	TRANSFORMER: Power						T101			
TM-10005	1	TERMINAL BOARD: (Lake Engineering) (CEECO # 900-MSIC-4)						TB101			
TS-101-PO1	2	TUBE BASE: intern. octal tube (brown)						XC1 01, XC102			
TS-102-PO1	2	SOCKET: miniature, 7-pin, Amphenol 147-913						XV1 01, XV102			
TS-103-PO1	1	SOCKET: miniature, 9-pin, Amphenol 59-407						XV1 03			
TS-121	2	TUBE BASE: intern. octal tube (black)						XRY101, XRY102			
6X4	1	TUBE: 6X4						V101			
OA2	1	TUBE: OA2						V102			
12AU7	1	TUBE: 12AU7						V103			
NT-101-4	2	NUT STRAP: 7 - pin									
NT-101-5	1	NUT STRAP: 9 - pin									

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SIGNAL CONTROL UNIT SCU-2

BILL OF MATERIAL		MODEL	SCU-2				PROJ. NO.	LIST NO.	MI-10069			
		ISSUE	A	B	C	D		SHEET	3	OF	4	SHEETS
PART NO.	QUAN. PER ONE EQUIP.	SECTION: II		DESCRIPTION				REMARKS				
<u>HARDWARE:</u>												
LWE04MRN	14	LOCKWASHER: 4-40 internal tooth										
LWE06MRN	10	LOCKWASHER: 6-32 internal tooth										
LWE08MRN	2	LOCKWASHER: 8-32 internal tooth										
NT-108-1	8	SPEED NUT: 6-32										
NTH0440BN6	4	NUT: 4-40 x 3/16										
NTH0440BN8	6	NUT: 4-40 x 1/2										
NTH0632BN8	10	NUT: 6-32 x 3/8										
NTH0832BN8	4	NUT: 8-32										
RY-10003	4	RUBBER FEET: # 19 mushroom bumper										
SCBS0440BN6	6	SCREW: 4-40 x 3/8 binder head										
SCBS0440BN4	4	SCREW: 4-40 x 1/4, binder head										
SCBS0632BN6	8	SCREW: 6-32 x 3/8										
SCBS0632BN14	2	SCREW: 6-32 x 7/8, binder head										
SCFS0440BN6	8	SCREW: 4-40 x 3/8, flat head										
SCFS0440BN10	4	SCREW: 4-40 x 5/8, flat head										
SCFS0632BN8	8	SCREW: 6-32 x 1/2, flat head										
SFBO256SN4	4	SCREW: self tapping 2.56										
TE-104	2	SOLDER LUG: 8-32 internal tooth										
TE-117-3	4	SPACER: 6-32 x 1/2										
TE-10012	2	CABLE TERMINAL: for taper light AMP-53 Burndy TCM 18-HF 27 STAP IN Size .053										
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SIGNAL CONTROL UNIT SCU-2

BILL OF MATERIAL

MODEL SCU-2

PROJ. NO.

LIST NO. ML-10069

ISSUE A B C D

SHEET 4 OF 4 SHEETS

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PART NO.	QUAN. PER ONE EQUIP.	SECTION: III DESCRIPTION	REMARKS
<u>SUPPORTING DRAWINGS:</u>			
CA-10100		WIRING HARNESS SCU-2	Drwg. Size 4
CK-10028		SCHEMATIC SIGNAL CONTROL UNIT	Drwg. Size 4
MS-10330		CHASSIS	Drwg. Size 4
MS-10331		COVER	Drwg. Size 4
MS-10332		BASE PLATE	Drwg. Size 4
MS-10333		POST COVER	Drwg. Size 1
NP-10042		NAMEPLATE	Drwg. Size 1
A-10222		MAIN ASSEMBLY	Drwg. Size 8
LD-10061		STAMPING DETAILS	Drwg. Size 8
BM-10015		SPARE PARTS LIST	
S-10028		PRODUCTION TESTING OF MODEL SCU	

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REVISION SHEET

TMC (CANADA) LIMITED
OTTAWA ONTARIO

ML-10069

MODEL SCU-2

PROJECT NO. CE-5009

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DATE	REV.	PAGE	ITEM	DESCRIPTION	REMARKS	CHK.	APP.
23/12/1959	1A			Complete revision		R.A.	
27/9/60	B	1		"stay pins for above TE-10012" added to BI-10001			
"	B	1		CA-103 changed to CA103-72			
"	B	1		CE52E200R changed to CE52F200R			
"	B	1		FH-100-2 changed to FH-10001-1			
"	B	1		JJ-100-A changed to JJ-100			
"	B	2		TS-121-POI changed to TS-121			
"	B	3		LWE04MRC changed to LWE04MRN			
"	B	3		LWE06MRC changed to LWE06MRN			
"	B	3		LWE08MRC changed to LWE08MRN			
"	B	3		NTH0440BC8 changed to NTH0440BN6			
"	B	3		NUT: 4-40 x 3/8 changed to NUT: 4-40 x 3/16			
"	B	3		NTH0440BC8 changed to NTH0440BN8			
"	B	3		NUT: 4-40 x 3/8 changed to NUT: 4-40 x 1/2			
"	B	3		NTH0632BC8 changed to NTH632BN8			
"	B	3		NTH0832BC8 changed to NTH0832BN8			
"	B	3		SCBS0440BC4 changed to SCBS0440BN4			
"	B	3		SCBS0632BC6 changed to SCBS0632BN6			
"	B	3		SCFS0440BC6 changed to SCFS0440BN6			
"	B	3		SCFS0632BC8 changed to SCFS0632BN8			
5/13/63	C	1	9020	Revise per EMN (chs, JJ-122 to JJ-122-1)			
7/21/65	D	1	14181	Revised per EMN			

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