

ATS-2 TO ATS-2A MODIFICATION KIT

MODEL KIT-275

TITLE

MODEL	USED ON SECTION	QTY
ATS-2A		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

NONE

1-4

4-5

5

NONE

NONE

LAST SYMBOLS

G213

CR201

E208

P101

R212

S102

COMPILED H. SCHUCKER 11-12-65

CHECKED L. GABEL 11-23-65

APPROVED O. POSE

FNL APPR *Z. Gobel*

ISS DATE 12-3-65

MISSING SYMBOLS

NONE

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.

NOTE 2. CUSTOMER MUST SPECIFY EITHER CABLE CA541 OR CA729, AND DESIRED LENGTH.

**MATERIAL LIST /
NUMERICAL PARTS LIST**

REV.

A

MODEL: KIT-275

SHEET 1 OF 5

PART NO.	DESCRIPTION ELECTRICAL/MECHANICAL	ITEM LOCATION			QTY. PER UNIT	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY. PER USED TO MOUNT			
BB118-3	BRG,SLV,1 FLG				2		
BS100	SOLDER,TIN ALY						
							NOTE 2
							NOTE 2
CD101-1MW	CD,NYLON,LACING						NOTE 2
							NOTE 2
CE103-7	CAP.,FXD,ELECT.				1	C213	
CU102-2	CLAMP,LOOP-3/16				1		
FW08HBN	WASH.,FLAT				1		
LA101-1	BAND,MARKER,CBL				1		NOTE 2
					1		NOTE 2
LA101-2	BAND,MARKER,CBL				1		NOTE 2
					1		NOTE 2
LA101-3	BAND,MARKER,CBL				1		NOTE 2
					1		NOTE 2
LA101-4	BAND,MARKER,CBL				1		NOTE 2
					1		NOTE 2
LA101-5	BAND,MARKER,CBL				1		NOTE 2
					1		NOTE 2
LA101-6	BAND,MARKER,CBL				1		NOTE 2
					1		NOTE 2
LA101-7	BAND,MARKER,CBL				1		NOTE 2
					1		NOTE 2

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MODEL:

KIT-275

SHEET

2

OF

5

PART NO.	DESCRIPTION ELECTRICAL/MECHANICAL	ITEM LOCATION			QTY. PER UNIT	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY. PER USED TO MOUNT			
LA101-8	BAND, MARKER, CBL	CA541-XXX		1	1		NOTE 2
		CA729-XXX		1	1		NOTE 2
LA101-9	BAND, MARKER, CBL	CA541-XXX		1	1		NOTE 2
		CA729-XXX		1	1		NOTE 2
LA101-10	BAND, MARKER, CBL	CA541-XXX		1	1		NOTE 2
		CA729-XXX		1	1		NOTE 2
LA101-11	BAND, MARKER, CBL	CA541-XXX		1	1		NOTE 2
		CA729-XXX		1	1		NOTE 2
LD2016/MS4800	BRKT, MTG, COMP	A5321			1		
LWE04MRN	WASH., LK, EXT	A5321			6		
LWE06MRN	WASH., LK, EXT	KIT-275			4		
LWE08MRN	WASH., LK, EXT	KIT-275			1		
LWI04MRN	WASH., LK, INT	A5321			2		
MS154-1	PL, MTG, TERM. BD	A5321			2		
MS3057-12	CLP, CBL, EL CONN	CA541-XXX		1	1		NOTE 2
		CA729-XXX		1	1		NOTE 2
MS3106A20-27P	CONN, PL, ML	CA541-XXX		1	1	P101	NOTE 2
		CA729-XXX		1	1	P101	NOTE 2
MS3420-12A	BUSH., RUB.	CA541-XXX		1	1		NOTE 2
		CA729-XXX		1	1		NOTE 2
MS4800	BRKT, MTG, COMP	LD2016			1		

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MODEL:

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SHEET 3 OF 5

PART NO.	DESCRIPTION ELECTRICAL/MECHANICAL	ITEM LOCATION			QTY. PER UNIT	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY. PER USED TO MOUNT			
MWC22/7/U0	WIRE ,ELEC ,INS	CA409-32 A5321		9 5	14		
MWC22/7/U92	WIRE ,ELEC ,INS	CA409-194			24		
MWC22/7/U95	WIRE ,ELEC ,INS	CA409-195 KIT-275		24 19	43		
NP362-52	PLATE ,IDENT-COML	KIT-275			1		
NTH0440BN6	NUT ,PLN ,HEX	A5321			4		
NTH0440BN8	NUT ,PLN ,HEX	A5321			1		
PM1062-5	COLLAR ,SHAFT	KIT-275			1		
PM1288	BRKT ,MTG ,GEAR	KIT-275			1		
PX337-3	INS ,TERM.BD	A5321			1		
RC20GF101J	RES ,FXD ,COMP	A5321			1	R211	
RC20GF201J	RES ,FXD ,COMP	A5321			1	R212	
SCBP0440BN4	SCR ,MACH	A5321			2		
SCBP0440BN10	SCR ,MACH	A5321			4		
SCBP0632BN32	SCR ,MACH	KIT-275			4		
SCBP0832BN12	SCR ,MACH	KIT-275			1		
SW347	SW ,PUSH-DPDT	KIT-275			1	S102	

THE TECHNICAL MATERIEL CORPORATION

MAMARONECK, NEW YORK

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SHEET 4 OF 5

PART NO.	DESCRIPTION ELECTRICAL/MECHANICAL	ITEM LOCATION			QTY. PER UNIT	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY. PER USED TO MOUNT			
TE102-2	TERM. ,STUD-INS	A5321			3		
TE113-120	TERM. ,LUG-SPADE	CA409-194		1			
		CA409-195		1	2		
TE117-1	SPACER,SLV	KIT-275			4		
TE120-2	ERM. ,LUG-SPADE	CA409-32		2			
		CA409-194		1			
		CA409-195		1			
		CA541-XXX		11			NOTE 2
		CA729-XXX		11	15		NOTE 2
TM100-3	TERM.BD-BARR	A5321			1	E208	
WI112-8	CBL,SP,12/C	CA541-XXX					NOTE 2
WI143-14	CBL,PWR,ARM.	CA729-XXX					NOTE 2
1N2071A	SCOND DEV,DIO	A5321			1	CR201	
SUPP ASSY/REF DWGS							
A5321	COMP MTG ASSY	KIT-275			1		
CA409-32-9.00	LEAD,ELEC	KIT-275			1		
CA409-194-24.00	LEAD,ELEC	KIT-275			1		
CA409-195-24.00	LEAD,ELEC	KIT-275			1		
CA541-XXX	CBL ASSY,SP,12/C	KIT-275			1		NOTE 2

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SHEET 5 OF 5

PART NO.	DESCRIPTION SUPP ASSY/REF DWGS	ITEM LOCATION			QTY. PER UNIT	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY. PER USED TO MOUNT			
CA729-XXX	CBL ASSY,PWR,14/C	KIT-275			1		NOTE 2
CK1062	DIAG,SCHEM-TU	KIT-275			1		
CK1063	DIAG,SCHEM-MCU	KIT-275			1		
ID352	INSTL DWG	KIT-275			1		
	SPECIFICATIONS						
S104	PASSIVATION	PM1062-5					
S404	IRIDITE ,YEL	MS4800 PM1288					
S1041	INSTL INSTR	KIT-275			1		

