

TMC SPECIFICATION

NO. S-875

REV: A

COMPILED: RRH ~~MMK~~

CHECKED: L. Galil

APPD: *[Signature]*

SHEET 1

OF 4

TITLE:

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KIT-217

MODIFICATION OF TIS-3

TMC SPECIFICATION

NO. S-875

REV:

A

COMPILED:

RRH

CHECKED:

APPD:

SHEET

3

OF 4

TITLE: KIT-217 -- MODIFICATION OF TIS-3

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3. INSTALLATION - Cont'd

g. Connect and solder the red lead of the terminal board, Item 1, to terminal #7 of the audio transformer, T2.

h. Insulate the positive lead of 8 uf electrolytic capacitor, Item 3 (C54), with sleeving, Item 4. Connect and solder this lead to the terminal of switch, S1, to which a white/red lead is now connected. Connect and solder the negative lead of Item 3 to the nearest ground terminal.

i. Connect and solder the 1000 ohm 1/2 watt resistor, Item 2, in place of R46.

j. Replace top and bottom covers on TIS-3.

k. Affix modification identification plate, Item 9, to front panel under output level meter.

TMC SPECIFICATION

NO. S 875

REV: A

COMPILED: RRH

CHECKED:

APPD:

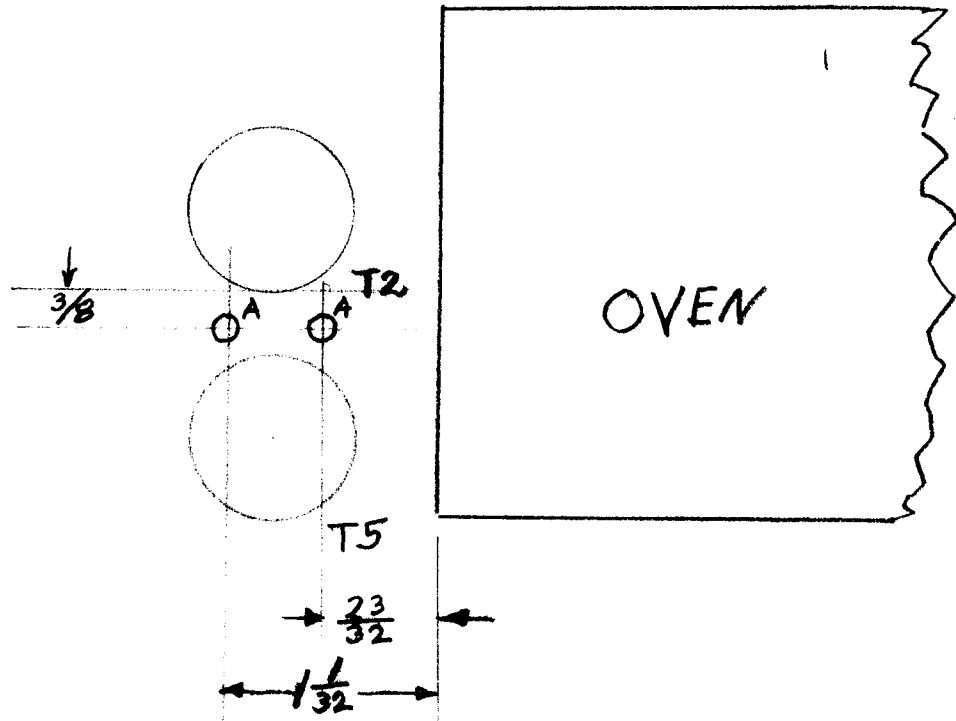
SHEET 4 OF 4

TITLE: KIT 217 -- MODIFICATION OF TIS-3

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TIS-3 MODIFICATION

LOCATION OF MOUNTING HOLES



Bottom View of Chassis

*A Holes .147
2 req.*

TMC SPECIFICATION

NO. S-875

REV: **A**

COMPILED: RRH

RRH

CHECKED:

APPD:

SHEET 2

OF 4

TITLE: KIT-217 -- MODIFICATION OF TIS-3

Typed by mtp 11/17/64

1. PURPOSE:

To provide instructions for modification of TIS-3 to suppress spurious emissions from the CW oscillator.

2. MATERIAL REQUIRED:

<u>Item</u>	<u>Qty.</u>	<u>TMC Part No.</u>	<u>Description</u>	<u>Symbol</u>
1	1	A4029-4	Terminal Board Assembly	
2	1	RC20GF102K	Resistor, Fixed Comp.	R46
3	1	CE116-1VN	Capacitor, Electrolytic, 8 mfd, 250V	C54
4	4"	PX104- 3 -034	Insulating Sleeving	RED
5	1	CK821	Schematic Diagram	
6	2	SCBPO632BN6	Screw, Machine	
7	2	NTHO632BN8	Nut, Hexagonal	
8	2	LWE06MRN	Washer, Lock, Ext	
9	1	NP362-23	Plate, Identification	
10	1	-----	Drill Bit #26	

3. INSTALLATION:

- a. Remove top and bottom covers of TIS-3.
- b. Remove .04 uf fixed capacitor, C23, and **220** ohm resistor R46 and discard.
- c. Drill 2 holes, using Item 10, between T2 and T5, as shown on sketch (see Sheet #4).
- d. Fasten terminal board, Item 1, in place under the chassis, using Items 6, 7 and 8.
- e. Connect and solder the green lead of the terminal board, Item 1, to the turret terminal from which C23 was removed.
- f. Connect and solder the black lead of the terminal board, Item 1, to the nearest ground terminal.