

KIT-244

TMC SPECIFICATION

NO. S 968

REV:

0

COMPILED:

A. Gabriel
6-11-65

CHECKED:

L. Gabriel
6-11-65

APPD:

[Signature]

SHEET

1

OF

3

TITLE:

GPT-40K BANDSWITCH MODIFICATION,

AS120 TO AS125

KIT-244

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SHEET 2

OF 3

TITLE: GPT-40K BANDSWITCH MODIFICATION AS120 to AS125 KIT-244

I. EQUIPMENT AFFECTED

A. TMC Model GPT-40K, General Prupose Transmitter.

II. PURPOSE

A. To replace the existing 2-28MC bandswitch, AS120, with improved version, AS125. No change in model No. will result.

III. It can be determined if this modification has been completed by checking the bandswitch counter on the front control panel. If the counter has a 7-13, 13-18& 18-24MC position, change has been made.

IV. MATERIALS SUPPLIED IN KIT

<u>ITEM NO.</u>	<u>TMC PART NO.</u>	<u>QTY</u>	<u>DESCRIPTION</u>
1	AS125	1	BANDSWITCH
2	AC175	1	COUNTER
3	NP362-45	1	MODIFICATION PLATE
4	CH353	1	TUNING CHART, UNSYNTH
5	CH354	1	TUNING CHART,SYNTH

V. TOOLS REQUIRED

To be provided by installing activity.

1. Screwdriver Set
2. Spintight Set
3. Wrench,Open End,1/4

VI. PROCEDURE

1. Turn off all power to Transmitter.
2. Open front and rear doors. (if required)
3. Remove rear PA Deck Shield and hardware. (Retain)
4. Remove front window panel and hardware. (retain)
5. Remove center bandswitch counter from PA Deck Control panel. Retain gears and hardware. Do not disturb chain drive or gear drive at this point.

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TITLE:

GPT-40K BANDSWITCH MODIFICATION AS120 to AS125 KIT-244

6. Disconnect and remove PA Bandswitch from rear of unit, including top coil assembly consisting of L7301, 7308 and 7309. Keep notes on where the removed connections go to. Retain sprocket wheels from underneath the PA Deck.
7. Install new bandswitch, AS125 (item 1) in same position as old bandswitch.
8. Re-assemble bottom sprocket to chain drive and adjust for smooth operation.
9. Install new bandswitch counter, AC175 (item 2) in place of old counter.
10. Adjust all gears, sprockets, etc. for smooth operation. Be sure that switch is in lowest position (2MC) and counter is set to 2-3MC position before tightening all gears and sprockets.
11. Check to be certain all connections are proper and tightened.
12. Replace rear shield.
13. Replace front window panel.
14. Affix modification nameplate (item 3) in area of existing nameplate on relay panel.
15. Check out unit using new tuning chart supplied (item 4 or 5 depending upon type of transmitter)
16. The modification is now complete.

