

DATE <u>7-26-61</u>	TMC SPECIFICATION NO. S-592	A
SH. <u>1</u> OF <u>6</u>		
COMPILED BY <u>LB LG</u>	TITLE: SYNTHESIZED GPT-10K and GPT-40K ALDC	JOB
APPR VED	MODIFICATION KIT (TMC NO. KIT-112)	

I. EQUIPMENT AFFECTED

A. All TMC Model GPT-10K and GPT-40K synthesized transmitters.

NOTE: For CHG ALDC KIT, use TMC KIT-109.

II. PURPOSE

To provide ALDC from transmitter to exciter units in auxilliary frame.

III. MATERIALS SUPPLIED IN KIT

<u>ITEM NO.</u>	<u>DESCRIPTION</u>
1	One each, TMC No. CA-480-14-87, Cable Assembly, Main Frame to Auxilliary Frame. (consists of one receptacle, JJ-172, symbol No. J1008)
2	One each, TMC No. CA-480-16-36, Cable Assembly, Main Frame Side Shield to Auxilliary Frame Center Panel. (consists of two plugs, PL-169, symbol No. P3048, 3049)
3	One each, TMC No. CA-480-15-87, Cable Assembly, Auxilliary Frame Center Panel to CHG. (consists of one receptacle, JJ-172, symbol No. J3017, and one plug, PL-169, symbol No. P3050)
4	One each, TMC No. TP-113DO- $\frac{1}{2}$ Punch, Chassis, 1/2 inch "D" Type.
5	One each, 5/16 inch diameter Drill.
6	25 feet, TMC No. CD-101-1-MW, Cord, Lacing.
7	One each, TMC No. NP-362-6, Nameplate, Modification.

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<p>IV. <u>TOOLS REQUIRED</u></p> <p>To be provided by installing activity.</p> <ol style="list-style-type: none">1. Soldering iron, 35 watts or equivalent.2. Pliers, 6 inch longnose.3. Pliers, 6 inch diagonal cutting.4. Screwdriver, 7 inch.5. Wrench, 8 inch adjustable.6. Hand drill, 3/8 inch chuck. <p>V. <u>PROCEDURE</u></p> <ol style="list-style-type: none">1. Remove all AC power from transmitter.2. Disconnect cables from IPA unit in main frame and remove unit from transmitter.3. Referring to Figure 1, Drilling Plan, Left Side Shield, MS-1829, mark location of new "D" hole. Drill a 5/16 dia. hole with item 5. Punch a "D" hole with item 4.4. Mount connector of item 1 in "D" hole. (method of mounting to be the same as existing connectors on shield).5. Feed stripped end of item 1 up through grommet hole in blower mounting deck. String cable along existing main cable trunk to the ALDC switch on the control panel. Lace new cable, item 1, to existing main cable with cord, item 6.6. Rewire ALDC switch, symbol No. S1003, as per Figure 2.7. Referring to Figure 3, Drilling Plan, Auxilliary Frame Center Panel, MS-2469, mark location of new "D" hole. Drill a 5/16 dia. hole with item 5. Punch a "D" hole with item 4.8. Mount receptacle of item 3 in "D" hole. (method of mounting to be the same as existing connectors of Panel).9. Lace new cable, item 3 with existing Auxilliary Frame main cable, using cord, item 6. "Break" new cable out at CHG unit and plug connector into the "ALDC IN" jack on the CHG.		

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10. Plug connectors of item 2 into the two new receptacles in the rear of the Auxilliary Frame. Lace new cable, item 2, to existing cable with cord, item 6.
11. Clean areas of all drill shavings, etc.
12. Replace IPA unit in transmitter and connect all cables.
13. Affix modification nameplate, item 7, conveniently next to existing "System" nameplate of Relay Panel Cover.

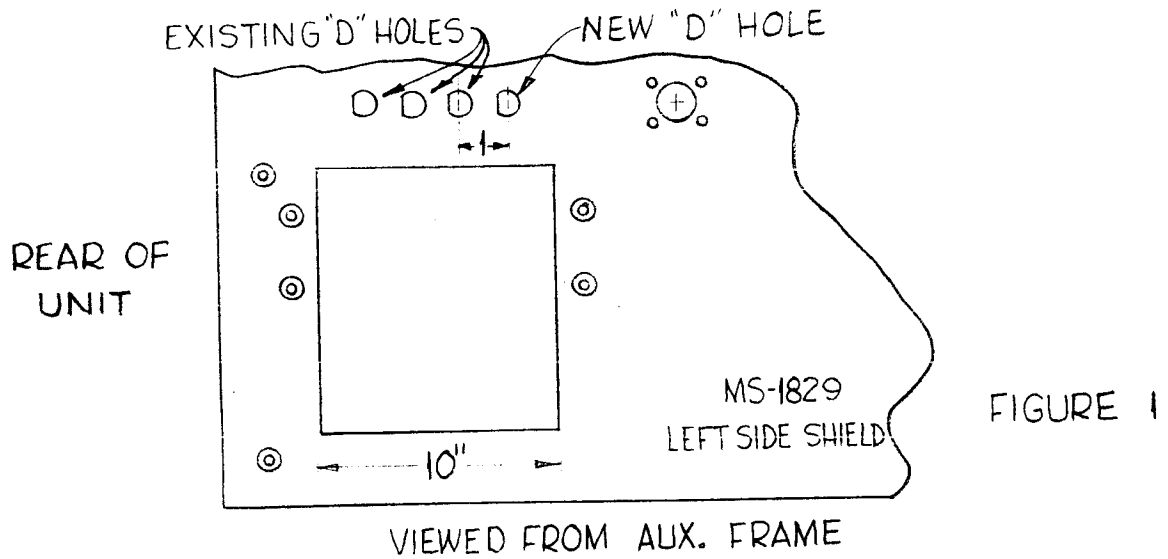
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TITLE: _____

JOB _____

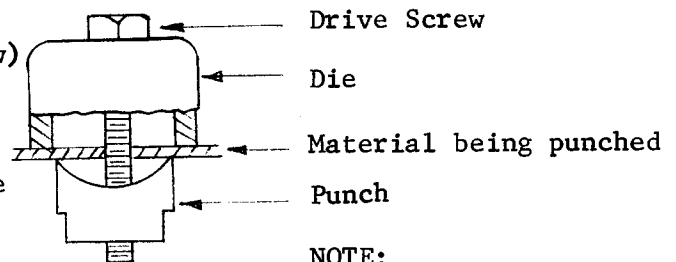
APPROVED _____



Step 1
Drill a 5/16 Dia. hole through the metal. (to clear drive screw)

Step 2
Insert drive screw in die open end of die toward threads. Place drive screw in hole and screw on punch from other side until all parts are tight.

Step 3
Turn drive screw with wrench until metal is cut.



NOTE:
Do not operate dry.
Lubricate Punch and Threads

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AX-113, MAIN POWER PANEL CHANGE WIRING OF ALDC
SWITCH S1003 PART NO. SW-255

FROM

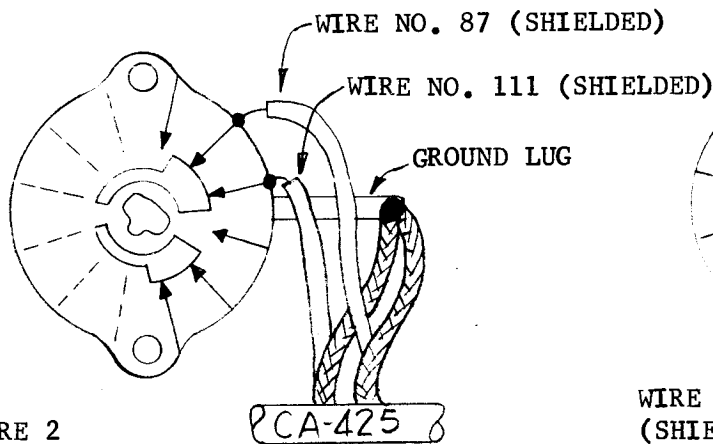
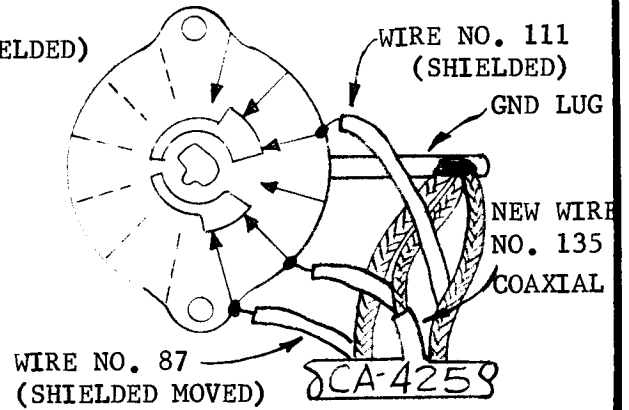


FIGURE 2

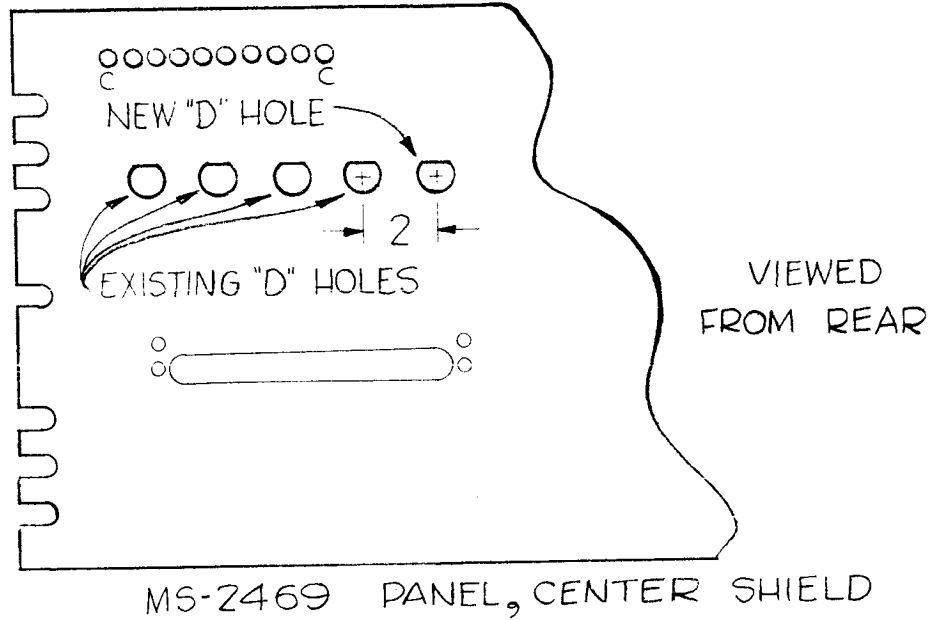
TO



VIEWS FROM REAR OF PANEL (SHOWN IN "ON" POSITION)

APPROVED _____

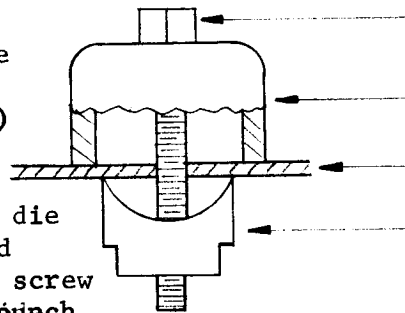
FIGURE 3



Step 1
 Drill a 5/16 Dia. hole
 through the metal.
 (to clear drive screw)

Step 2
 Insert drive screw in die
 open end of die toward
 threads. Place drive screw
 in hole and screw on punch
 from other side until all parts
 are tight.

Step 3
 Turn drive screw with wrench until
 metal is cut.



Drive Screw
 Die
 Material being punched
 Punch

NOTE:
 Do not operate dry.
 Lubricate Punch and Threads

