

TMC SPECIFICATION

NO. S 1095

REV: \emptyset

COMPILED: RRH

CHECKED:

APPD: 

SHEET 1 OF 6

TITLE:

typed by vab

4/29/66

TMC MODIFICATION KIT-186

FOR RFD-1A

TMC SPECIFICATION

NO. S 1095

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SHEET 2

OF 6

TITLE: TMC MODIFICATION KIT-186 FOR RFD-1A

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- A. The following KIT-186 is issued to Modify the RFD-1A "Loading" switch assembly for S-203.
- B. The modification corrects instability in output loading.
- C. Material required and furnished as a part of KIT-186.
 1. Capacitor Bracket Mounting Assembly, A-4256-2, and nameplate NP362-64.
 2. Schematic Diagram CK1003 for RFD-1B.
- D. PROCEDURE:
 1. Remove the RFD from associated equipment and place on workbench. Remove top and bottom covers.
 2. Remove side plate on blower side of RFD. Remove all screws from side plate with the exception of the one holding the cable clamp in place.
 3. Drop the side panel to the side with the edge of the RFD protruding over the edge of the workbench. (SEE PHOTOGRAPH).
 4. Remove metal "Meter Cover Box", two nuts on bottom and two screws at top.
 5. Disconnect shaft coupling on PA band switch S-202 and remove shaft.
 6. Unsolder lead from S-203 supporting floating barrel capacitor C-272 and discard both lead and capacitor.
 7. Remove screw from barrel capacitor mounted on right side of S-202 mounting bracket MS-1438-190.
 8. Unsolder and discard the short lead connecting from the barrel capacitor (STEP #7) to S-202. Remove and discard the capacitor.
 9. Unsolder the lead connecting between S-203 and barrel capacitor C-274. Remove both the lead and the capacitor and discard.
 10. Remove the two front panel mounting screws holding S-203 with switch in place.
 11. Place new capacitor assembly A-4256-2 over and behind S-203 with switch shaft of S-203 in slotted part of new capacitor assembly, A-4256-2.
 12. Line up mounting holes of new capacitor assembly with S-203. Replace mounting screws and tighten in place.

TMC SPECIFICATION

NO. S 5-1095

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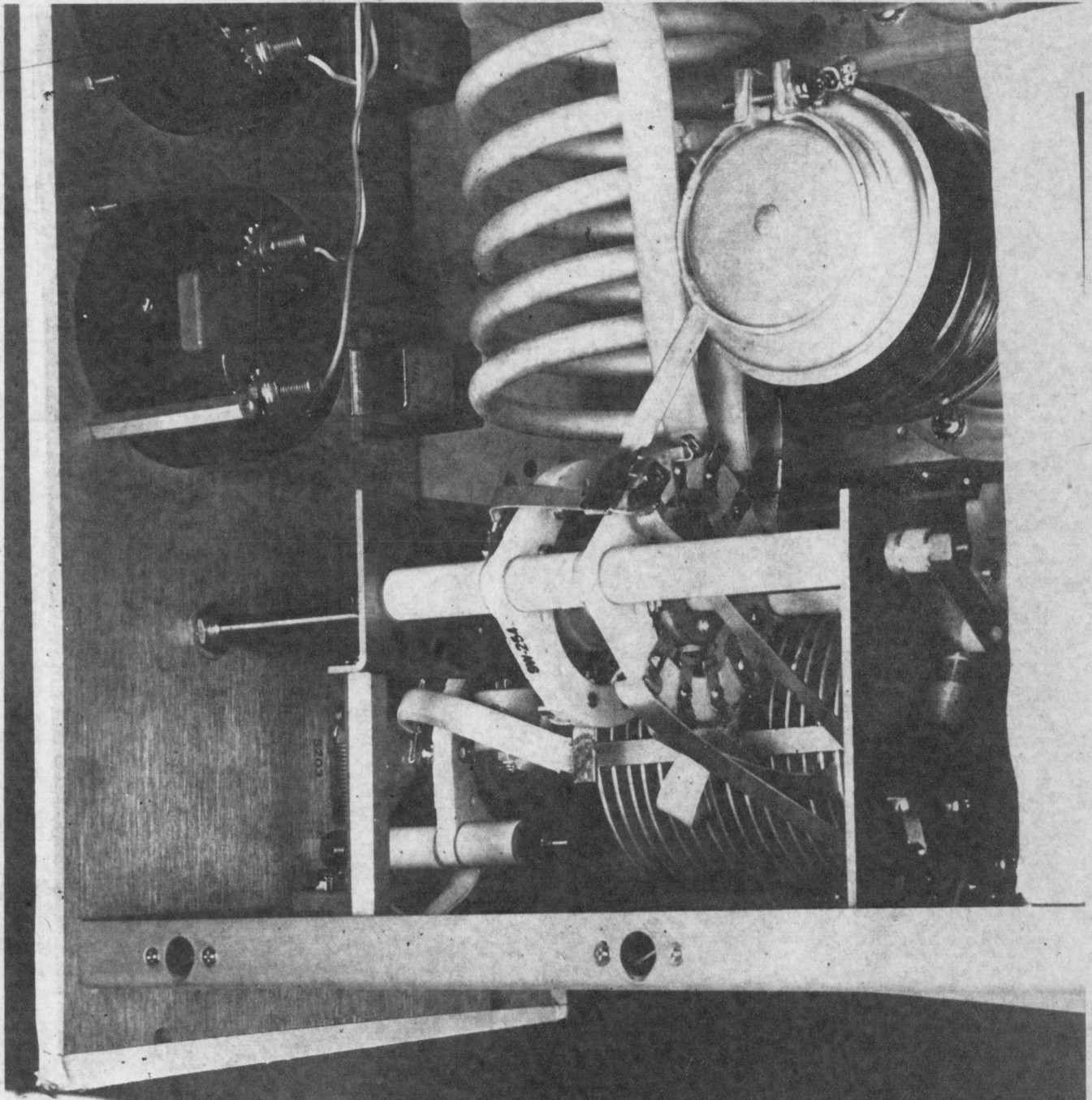
SHEET 3 OF 6

TITLE: TMC MODIFICATION KIT-186 FOR RFD-1A

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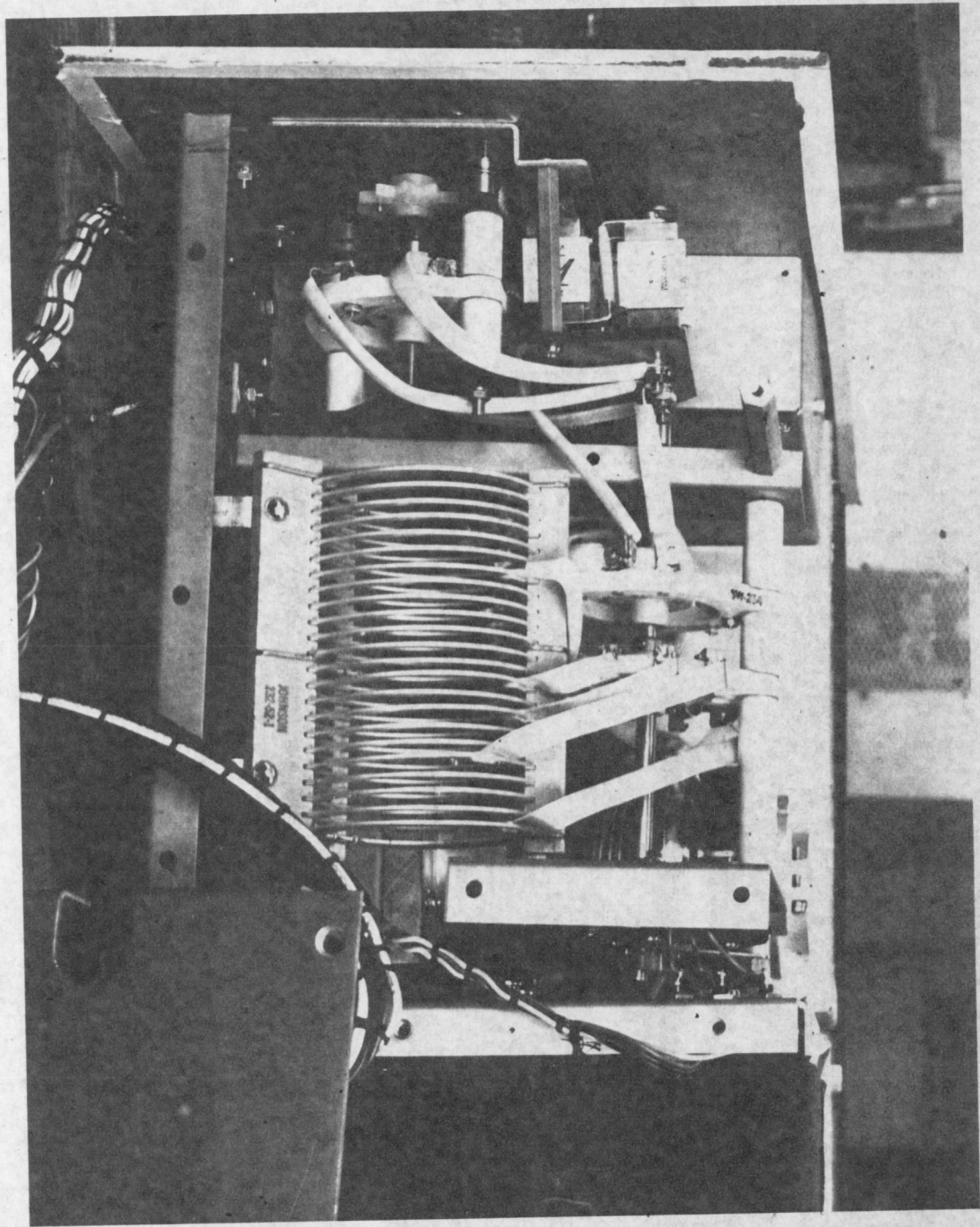
13. Solder the inside lead, labeled C-293 C-294, of the new assembly to the contact of S-203 which previously connected to C-274. (If necessary first remove the lead from the assembly prior to soldering to S-203.) Then replace the lead on the capacitor assembly connection C-293 C-294.
14. Solder the outside of the new assembly, marked C-295 C-296, to the contact of S-203 which previously connected to C-272. (If necessary first remove lead from new assembly as in Step #13.)
15. Remove the short lead from the new assembly labeled C291, C292 (MIDDLE TERMINAL) and connect the remaining lead of S-203 to the middle terminal, then replace the short lead, washers and nut. Tighten down nut.
16. Solder remaining end of the short lead to the top contact of S-202 (right hand side when facing the front panel). (SEE PHOTOGRAPH PAGE 5)
17. Replace "PA BAND SWITCH" shaft and coupling.
18. Replace side plate, meter cover box, top and bottom covers.
19. Attach new nameplate to RFD-1A directly below present one. This modification changes the RFD-1A to RFD-1B.

THIS COMPLETES KIT-186.



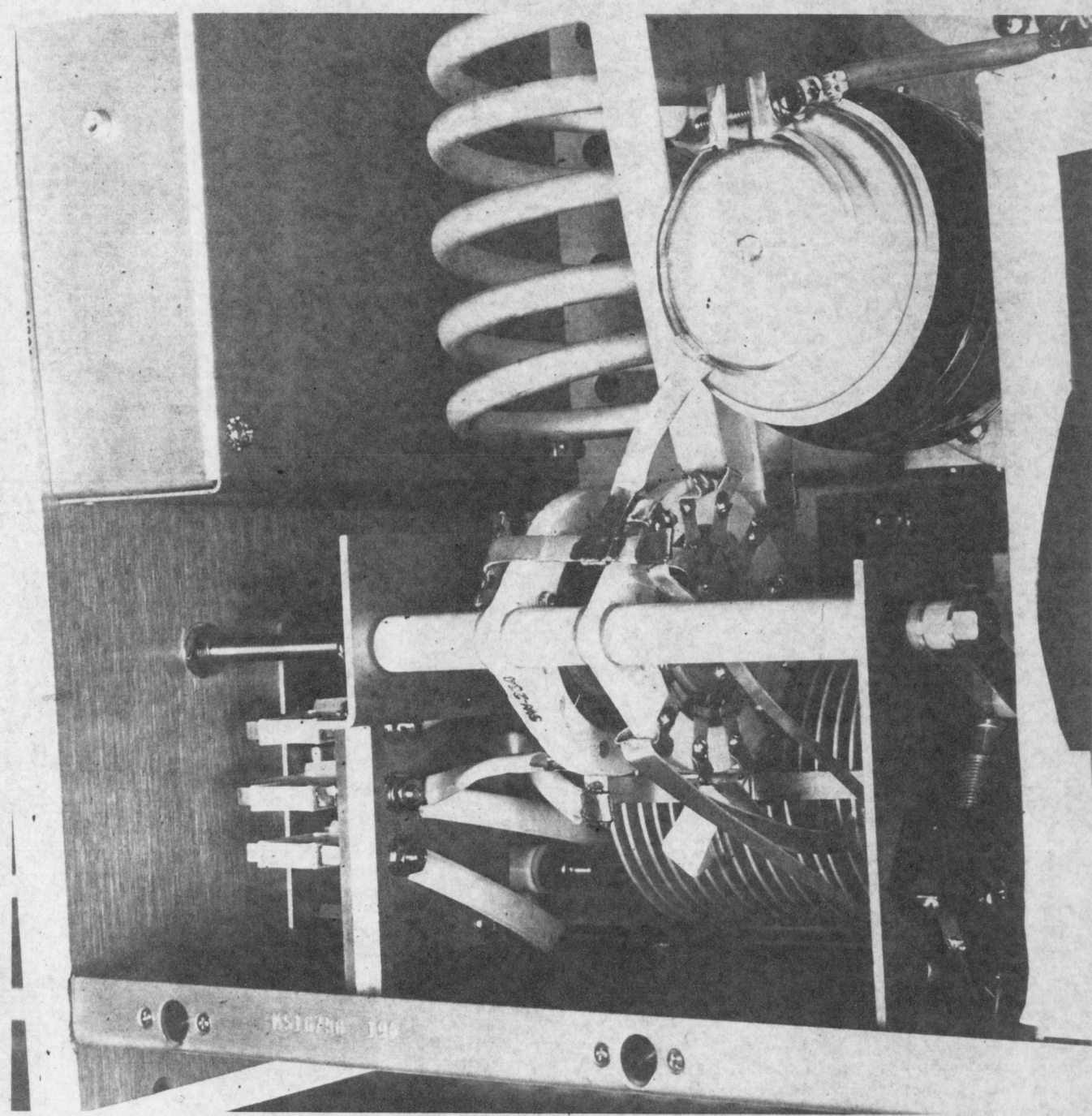
UNMODIFIED UNIT
SHOWING METER COVER
REMOVED

S-



UNIT SHOWING SIDE PANEL REMOVED AND EXTENDING OVER EDGE OF WORK BENCH TO FACILITATE MOUNTING OF NEW ASSEMBLY A-4256-2

S



COMPLETED UNIT WITH ASSEMBLY A-4256 SIDE PLATE, AND METER COVER REPLACED.

