

NOTICE

This Model DDR-2(A) incorporates Hammarlund SP-600-JX Model 17, TMC Model DMK-5 Communications Receivers.

This receiver is the latest version of the Hammarlund SP-600 and provides crystal HFO operation as well as variable HFO. A newly designed circuit permits Master-Slave crystal controlled operation.

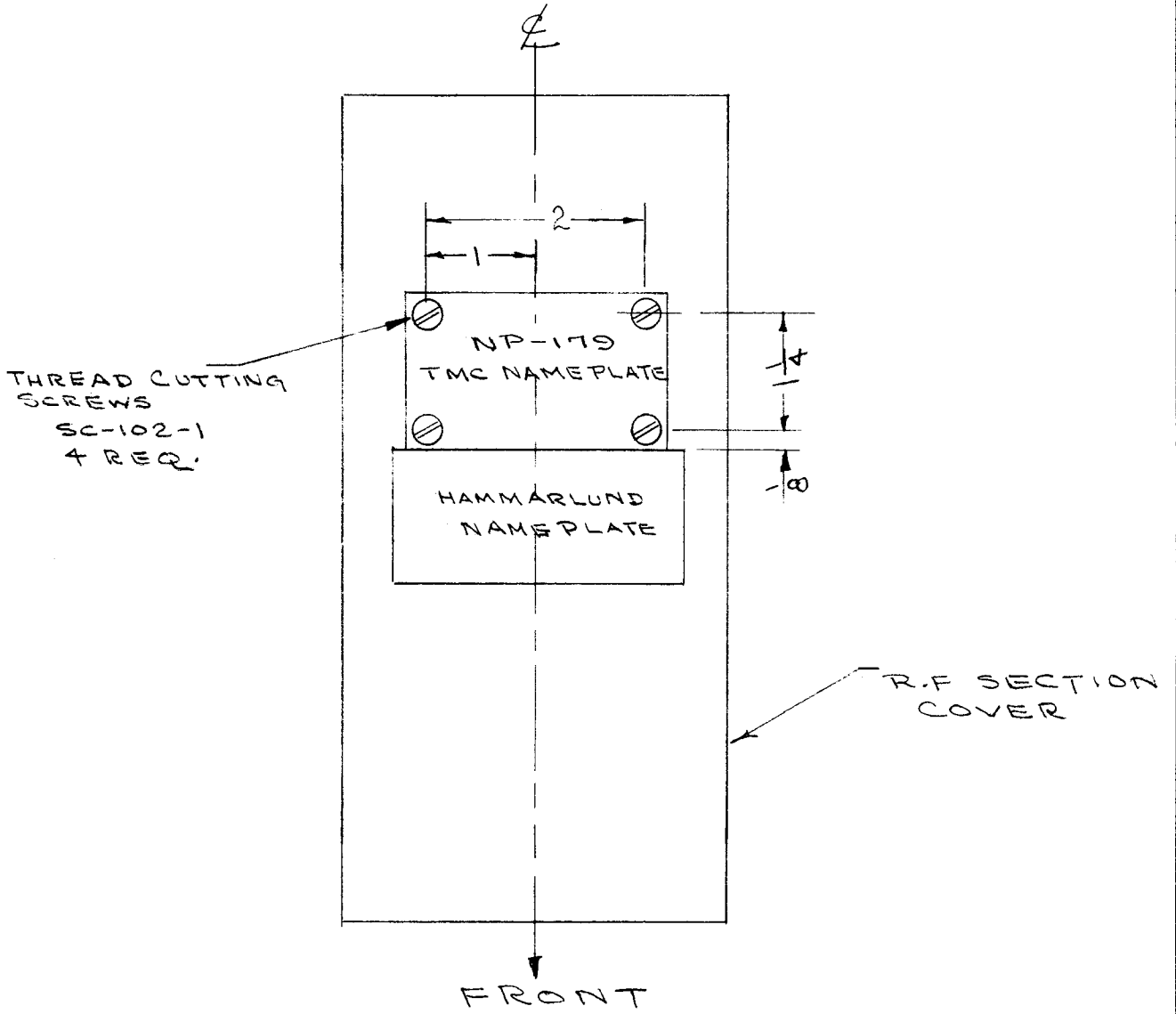
DATE 4/20/55
SH. 2 OF 2
COMPILED BY

TMC SPECIFICATION NO. S-256

TITLE: MODIFICATION SP-600-JX17 FOR DMK-5

JOB

APPROVED *AMB*



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SH. 1 OF 2
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1. Remove leads of C147 and L53 on terminal board E5 (located near J2, I.F. Output.) L53 is removed entirely. The end of C147 removed from E5 is grounded near the tube socket V16.
2. Clear pin 6 of V16. C146 .022 mfd, is removed. R80, 2200Ω resistor is bent around and connected to terminal 6 of E16. The other end of this resistor is attached to terminal 7 of E16. Terminal 6 is an empty terminal.
3. Add R501, 3.9K $\frac{1}{2}$ W ± 10% resistor from pin 6 V16 to terminal 6 E16.
4. Add .01 mfd 400V capacitor from pin 6 V16 to E5. Connect short buss wire from E5 to J2 (I.F. Output.)
5. Add C501, .02 400V capacitor from terminal 6 E16 to ground. Ground is a ground lug near J2.
6. Remove C177, .01mfd capacitor across AVC terminal board E3.
7. Remove C137, .25mfd capacitor located near BFO assembly.
8. Obtain Mounting Bracket MS-369.
9. Drill holes on rear chassis and mount bracket as shown on A-1003.
10. Install R.F. cable assembly CA-242 from crystal box on receiver to the mounting bracket just installed.
11. Color Code all R.F. receptacles as shown on A-1003.
12. Install Name Plate, NP-179, on R.F. section cover, drilling suitable holes with cover removed near existing Name Plate.

