

DATE 6/19/58SH. 1 OF 1

COMPILED BY

P. L. K.

TMC SPECIFICATION NO. S-380

TITLE: MODIFICATION OF RSD - HFO CHANNELJOB REV. A

APPROVED

P.L.K. J.R. RSD-2 to RSD-3MODIFICATION KIT TMC NO. 147

A simple change in the HFO channel of the RSD reduces the time constant of the HFO DC control line. This simplifies operation of the HFO control on the RSC. The time lag between operation of the control and actual tuning of the receiver HF Oscillator is greatly reduced.

**MODIFICATION:**

1. Disconnect lead on capacitor C29B. Make sure the other end goes to R51 mounted on a terminal board.
2. Connect a short jumper between C29 A and B.
3. Drill a hole in the chassis adjacent to C29 to take a # 4-40 screw. Mount an insulated terminal standoff TE-102-2 on the bottom side of the chassis.
4. Connect a 0.1 ufd 400 WVDC paper tubular capacitor CN-100-4 from this terminal to ground lug adjacent to C29. This 0.1 ufd capacitor will now become C31.
5. Connect the lead removed from C29B to the terminal with C31.



