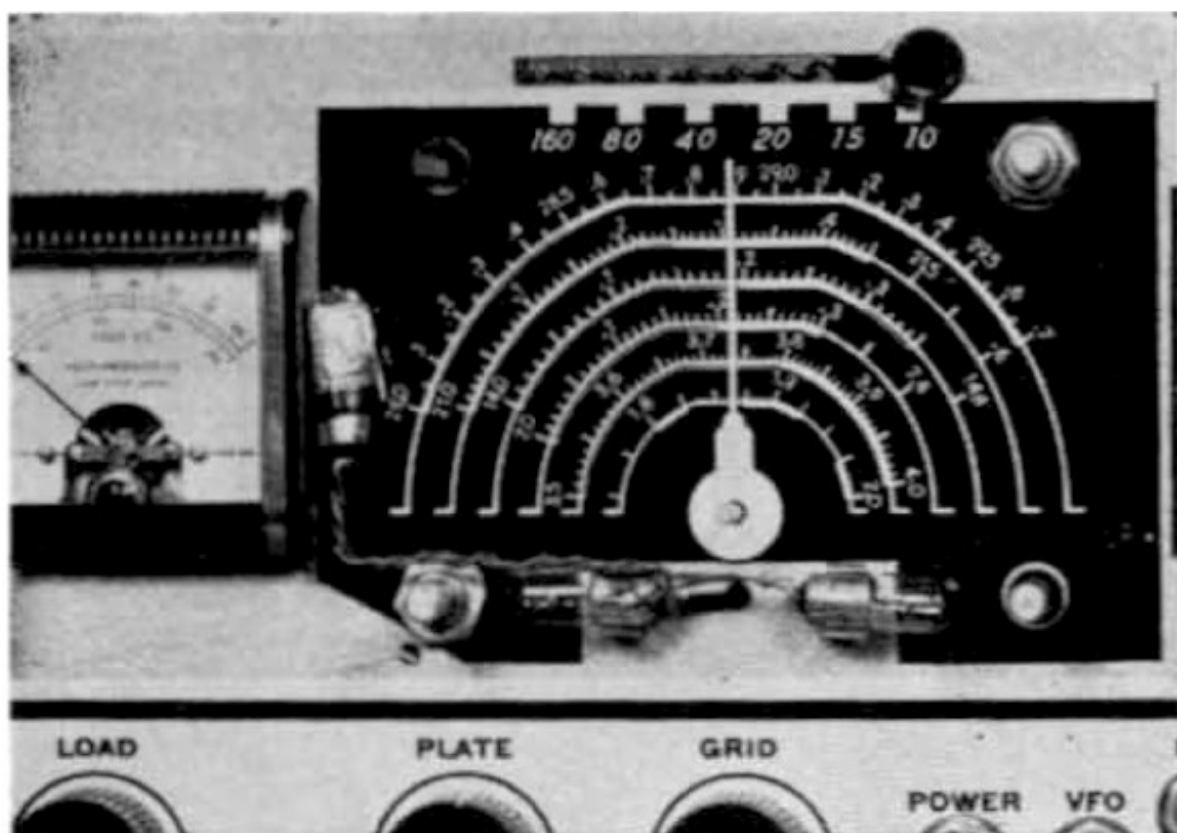


Lights for the AF-67



Gentlemen:

Many of us Elmac AF-67 owners have been a bit irritated by the lack of light on the meter for night operation. The modification to correct this is simple.

Remove the four knobs and bolt and nut at the top left that hold the plastic VFO cover in place. Solder two solid wire leads to a 6V bulb, twist, and run down the side and over to the pilot bulb connections and solder. The stiffness of the wire will hold the bulb in position. Shield the right side of the bulb with a piece of tinfoil so the light will be directed through the meter case. Replace the plastic cover and knobs . . . you will have to notch out a small piece of the plastic from the lip inside the cover to allow the wire to pass next to the meter switch shaft. A small piece of tape on the cover will conceal the bulb.

Marty Feins, K2RXH
Newark, N. J.

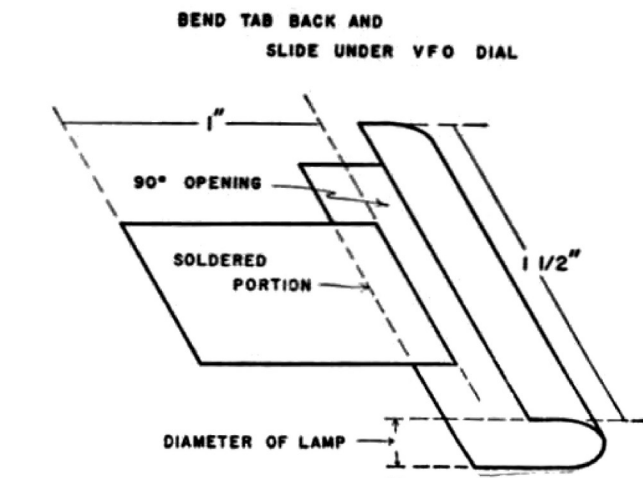
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ILLUMINATING THE AF-67 METER

by JOHN BAUER, W4AWM
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Trying to tune the AF-67 Trans-Citer at night while in motion is difficult. The main cause of this being that not enough light passes through the plastic side of the meter from the VFO dial.

A simple solution for this problem may be had by making and installing an almost invisible lamp shield beside the meter. The shield is made from a thin sheet of copper purchased from a local hobby shop. An excellent form for the shield is a GE number 44 pilot lamp which will be installed in the finished product. Cut a strip of copper approximately 1½ inches long by 1 inch wide, and form the width of it around the lamp in a 270 degree arc. Remove the lamp and cut off the excess material. Next, mark and cut out two ends for the shield and solder them into place. Cut another strip of copper approximately 1 inch wide by 1½



inches long and solder it to the shield leaving 1 inch free and pointing in the direction of the open slot in the shield. Paint the inside of the shield white and the outside gloss black.

Solder an insulated lead about 3½ inches long to the tip of the bulb, and a 3 inch bare lead to the base of the bulb, and force the bulb into the shield.

Remove the plastic VFO dial cover from the Trans-Citer. Bend the copper strip previously soldered to the shield back, and slip it under the dial plate. Run the hot lead from the lamp to the hot lead on one of the other lamps below the dial. The ground lead may be soldered to a lug and slipped under the nut on the meter switch.

Replace the VFO cover and await nightfall. You will no longer have to squint to see the meter. ■