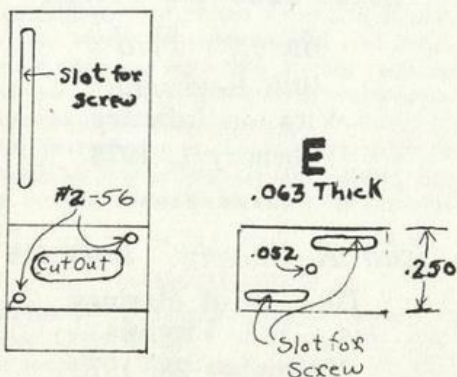
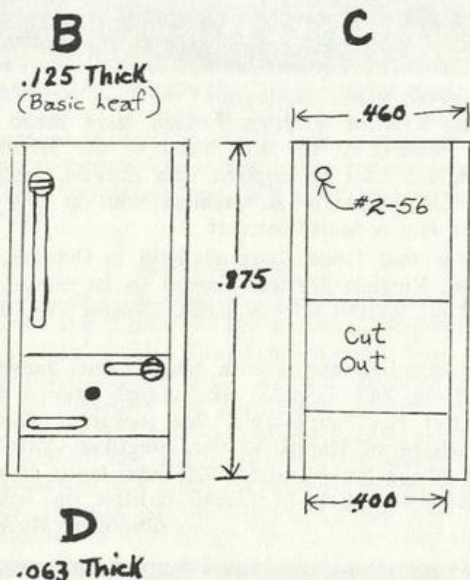
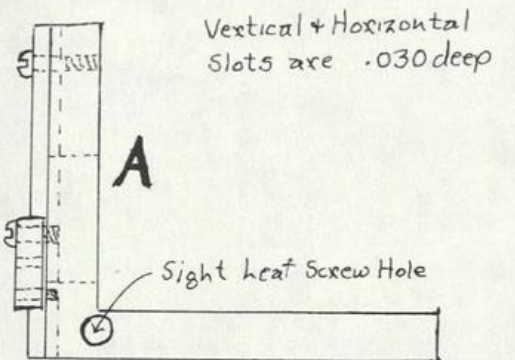


# THE BREECH PLUG

by John T. Reid, Jr., 15th Connecticut Vols.



## ED OCCHI'S PEEPHOLE LOCATOR



I have seen a great many adjustable rear sight devices for locating new peep holes, but none quite so precise as the one designed, made and used by Ed Occhi, team commander of the 15th Connecticut Volunteer Infantry. The device is available to all members of our unit for working up new weapons, barrel replacements or for simple sight adjustments occasioned by bullet and/or powder changes.

As you can see from the sketch at left, the basic unit looks like a typical "L" shaped musket replacement leaf, only thicker. The basic vertical leaf is slotted to hold a vertical sliding piece and this vertical slide is itself slotted to hold a horizontal sliding piece. The .052 (#46 drill) peep hole is located in the horizontal sliding piece and the vertical sliding piece and the "L" shaped base are cut out to permit sighting through them. The three pieces are held together by two #2-56 screws where indicated. The screw in the horizontal piece can be reversed to the opposite corner to permit adjustments both left and right of center.

In use the sliding pieces are moved until the desired point of impact has been achieved (from the off-hand, unassisted position). A .052 plug is inserted in the peep hole and a depth mike is used to establish the dimensions from bottom and side of the leaf. These dimensions (plus 1/2 of .052) are transferred to the new leaf with a fine scribe. The hole is then centerpunched on the crossed lines, center-drilled and then drilled out to the individual desired peep size. Ed Occhi makes up replacement leafs with the same vertical and horizontal dimensions as his Peephole Locator. If you do not do this, you can measure off the sight leaf screw hole for the vertical dimension.

This Peephole Locator is very accurate and a lot less frustrating than the "Take a guess and poke a hole system." Any competent machinist or toolmaker would find it a simple project. If you do not have this kind of talent available in your unit, you should consider paying someone to make you one as I am sure your unit would find it a worthwhile investment.

A—Side view, complete assembly

B—Rear view, complete assembly

C—Rear view, basic leaf

D—Rear view, verticle slide

E—Rear view, horizontal slide

(Scale approx. double actual size)