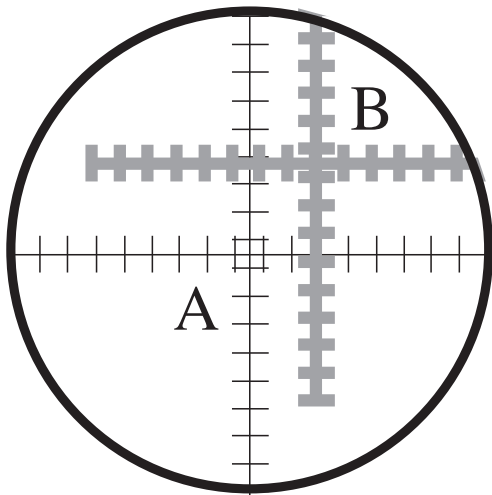


# TAIL-OF-THE-ARC COLLIMATION

## with a Mk5 Collimator and it's Auxiliary Telescope

1



Looking through the auxiliary scope for the first time, the position of the collimator reticle as seen through the aux scope will appear as reticle A. It will be magnified only as much as the power of the aux scope being used.

The image THROUGH the binocular (reticle B) will appear larger and fainter, both owing mainly to the magnification of the binocular. Still, the MIDDLE is the MIDDLE!

On the left is the binocular test stand. Made of brass, it COULD be made of hardwood, three 1/4-inch 20 screws and a STURDY (no lost motion) hinge.

The Green Circle shows the Altitude Adjustment Knob.  
The Red Circle shows the left / right Adjustment Knob.  
The Blue Circle shows the Adjustment Knob for a rough set-up.

With those knobs, bring the reticles into coincidence with the "swinging barrel" in the UP position, as illustrated in the drawing below. Now, we ready to start.



US Navy Mk 5 Collimator  
Binocular Test Fixture

2

