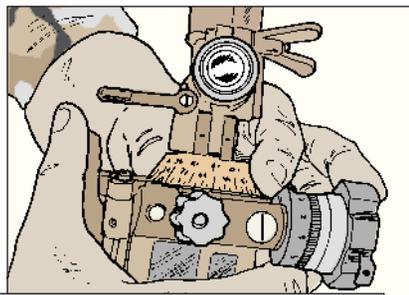


# Sight Setting, Scale and Stuff

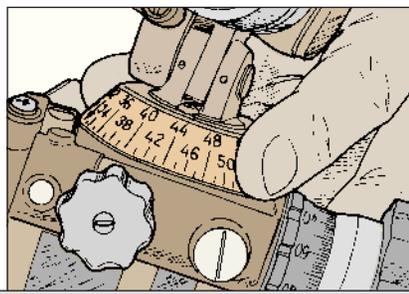
How loose is too loose when it comes to the coarse deflection (azimuth) scale of the M64A1 and M67 sights for the M224, M252, and M120/M121 mortars?

The before-operation checks for all these mortars say to check that the coarse deflection scale pops up into the secured position when you release it and stays at that locked setting and doesn't move freely. If the scale doesn't pop up or if it moves in the secured setting, the sight's not mission capable.



Does scale pop up when you release it?

Some mortarmen have been concerned that they can move the scale when it's in the secured position. But



If scale moves without resistance, turn it in

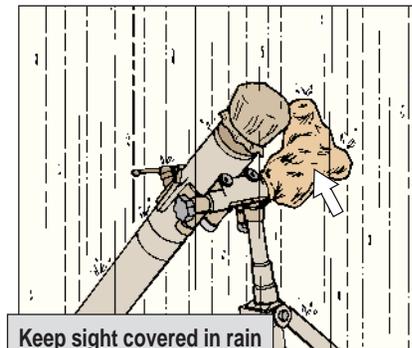
they shouldn't be. As long as there's slight resistance (3 lb-in) when you try to move the secured scale, it's good to go. Only if there's no resistance or if the scale moves during firing does the sight need to be turned in for repair. But if you have doubts about the scale, have support check it out.

One thing you can do to keep the scale popping up is to keep the sight dry. The scale plungers have a cloth base. The cloth is water-resistant, but not waterproof. If the sight gets soaked in a heavy rain, the cloth swells and

the plungers stick in their holes. Then the scale won't pop into or stay in the secured position.

Often, just letting the sight dry out completely will fix that, but drying can take a couple of days. Support sometimes has to replace the plungers.

Use the sight's cover as much as possible in the rain. Better yet, keep the sight in its carrying case when you're not shooting.



Keep sight covered in rain

