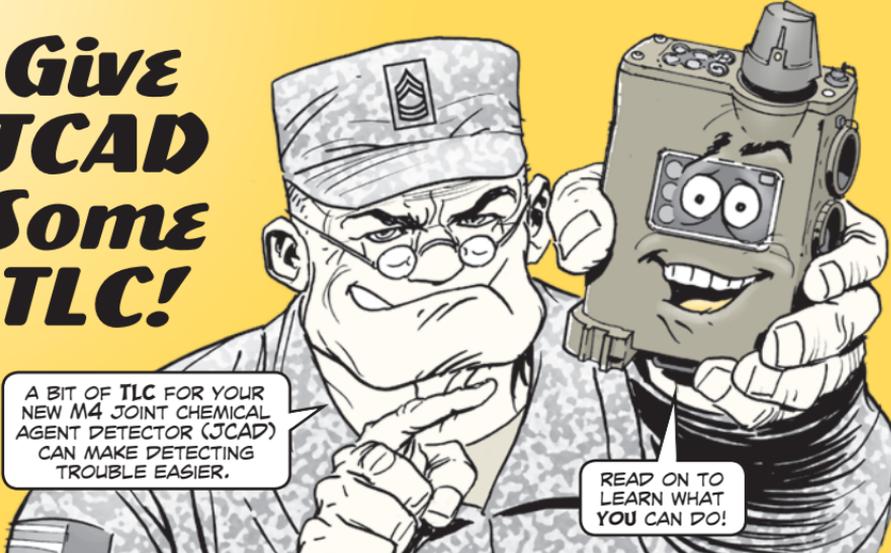


GIVE JCAD Some TLC!



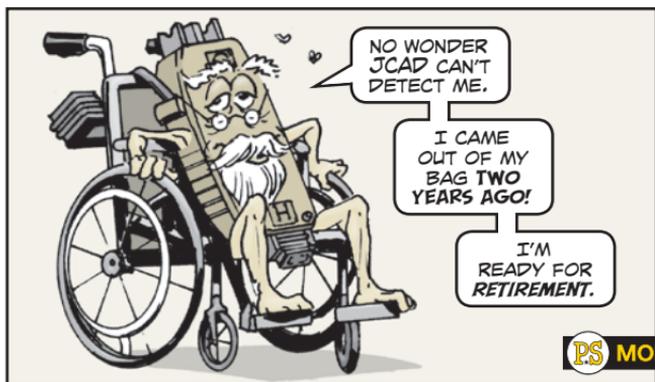
A BIT OF TLC FOR YOUR NEW M4 JOINT CHEMICAL AGENT DETECTOR (JCAD) CAN MAKE DETECTING TROUBLE EASIER.

READ ON TO LEARN WHAT YOU CAN DO!

When doing confidence checks, do them in an environment with as little air movement as possible. That means seeking protection from wind if you're outside and turning off fans inside. The stiller the air, the easier it is for the JCAD to read the sample.

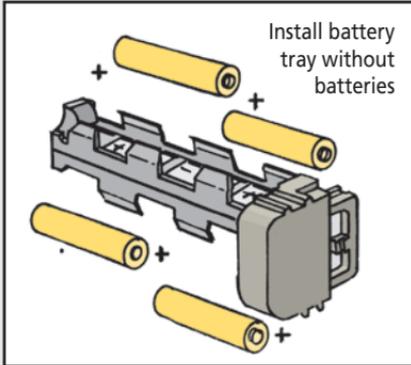


Remember that once you take a confidence sample out of its sealed bag, its service life is 1-2 years tops. If JCAD is having trouble reading a sample, it may be because the sample is old and needs to be replaced.



When JCAD is ready for storage, follow these steps:

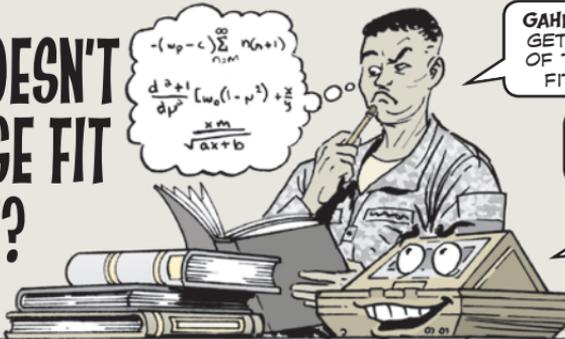
- Make sure the detector is turned OFF with the rain cap fully closed.
- Remove the batteries from the battery tray and install the tray in the fully closed position.
- Ensure the sieve pack remains installed in the detector in the fully closed position. This keeps the sieve pack in good condition and makes sure JCAD starts properly the next time you power it up.



PS END

M41 PATS...

WHY DOESN'T AVERAGE FIT FIT?



GAHR! WHY CAN'T I GET THE AVERAGE OF THE INDIVIDUAL FIT FACTORS!?

YOU DON'T NEED TO DO THAT.

I'LL CALCULATE THE MASK FIT FACTORS FOR YOU.

Dear Half-Mast,
When the M41 protection assessment test system (PATS) calculates the overall fit factor, why isn't the result the average of the individual exercise fit factors?

SFC G.Y.

Dear Sergeant First Class G.Y.,
Averaging fit factors doesn't produce a valid result. The correct way to compute the overall fit factor is to calculate the average penetration (the fit factor divided into 1) and then convert it to a fit factor. PATS does this automatically to save you the trouble.

Half-Mast