

TIPS TO KEEP YOU SAFE!

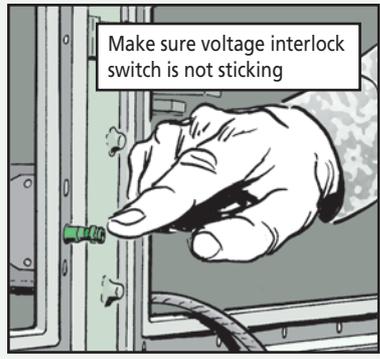
HERE ARE SOME HIGH VOLTAGE TIPS FROM FT SILL!



Dear Editor,

Both the Firefinder and Sentinel radar systems generate a tremendous amount of juice that could easily electrocute someone if a safety device fails. Here are two tips to ensure those devices work:

- On both the Firefinder and Sentinel, the high voltage interlock switch is supposed to pop out whenever you open the compartment door. That shuts down the voltage and makes it safe to work inside the compartment. But sometimes the switch can stick, especially if you're operating around lots of blowing sand or dirt. So, as part of your BEFORE PMCS, it's a very good idea to make sure the switch is actually popping out when you open the compartment door. If it's sticking, tell your repairman so he can clean the switch.



- The Firefinder and Sentinel high voltage resistor swings down and discharges any electricity in the high voltage compartment. The Firefinder Q-37V (9) does away with the resistor. But if its contacts are dirty, all that electricity might not discharge and you could be in for a nasty shock. Avoid that shock by cleaning the contacts for the high voltage resistor monthly with technical isopropyl alcohol, NSN 6810-00-753-4993. While you're at it, clean the area where the resistor contacts the high voltage compartment.

The Firefinder's radar processor has vents that pull in much-needed cool air. Of course it's important you keep those vents clear so they don't plug up and cause the processor to overheat.

But no matter how hard you try in the desert, sand will get through the vents and filters and clog the fan. The fan has to work harder and harder and eventually it fails. We prevented that by removing the fan every other week and using compressed air to clean it. Because there are only 11 screws holding the fan assembly, you can do it in minutes.

SSG Jeremy Hicks
Ordnance Training Detachment
Ft Sill, OK

Editor's note: Sentinel and Firefinder crews need to keep these tips on their radar. Thanks for sharing them.

