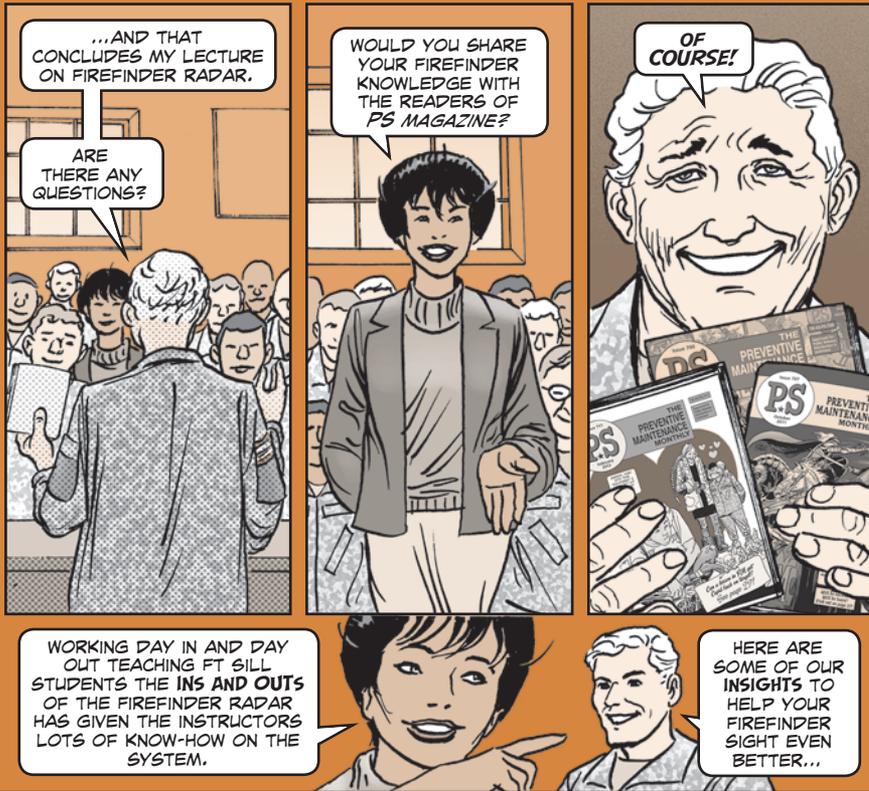


FIREFINDER HELP FROM THE EXPERTS



AN/TPQ-36(V10)

Subtest changes: The radar processor was upgraded in Version 10, resulting in a change to the subtests. Now you will need to first run the 240 and shelter subtests before you run the trailer's. Otherwise the trailer will fail its tests.

RSM/987 fault: Version 10 sometimes gets an RSM/987 fault. Don't waste time doing receiver/excitor troubleshooting to eliminate the fault. First run the 240 subtest in the shelter FIT three times with the fault bypass on. That usually gets rid of the fault. If it doesn't, then troubleshoot the receiver/excitor.



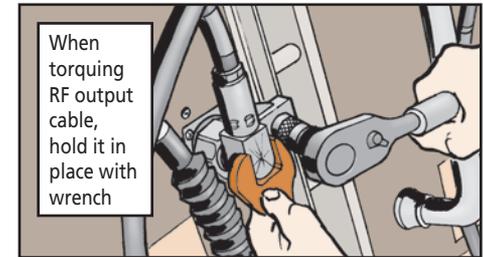
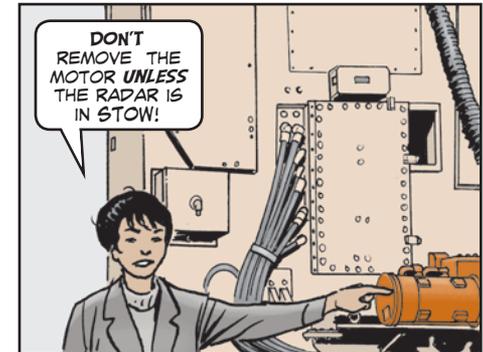
AN/TPQ-37(V9)

Power amplifier modules: Modules were being blown on a regular basis until this solution was discovered. After you turn off the high voltage, wait at least three minutes before turning off the system power.

No warning horn: The older versions of the AN/TPQ-37 had a warning horn or 5-second delay before the antenna moved. Some Version 9s don't have those. So before you move the antenna, first make very sure all people and equipment are out of the way.

Antenna stops: If the antenna suddenly stops working and it can't be completely lowered into the STOW position either by hand cranking or by its motor, then STOP. The antenna **must** be supported before the antenna motor is removed. Otherwise, the antenna can fall when the motor is removed and crush anyone beneath it. If the antenna can't be put in STOW, notify your support. They will need to handle this.

Power amplifier cable: The RF output cable must be torqued to 21 lb-ft. But as you use the torque wrench, you must hold the connector in place with a second wrench. Otherwise, the cable twists and its wiring is ruined. That can also lead to RF leakage. Do this when torquing either end of the blue cable.



Need Help?

