

# FIRE SAFETY BEGINS WITH YOU!

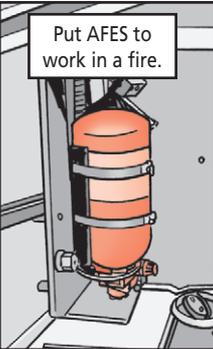


SMOKEY THE BEAR ISN'T THE **ONLY ONE** WHO SHOULD BE CONCERNED ABOUT FIRES.

**YOU SHOULD BE, TOO!**

KNOWING WHAT TO DO IN CASE OF FIRE INSIDE AN M1114, AND KNOWING HOW TO TAKE CARE OF THE EQUIPMENT YOU HAVE TO PUT OUT FIRES IS THE **KEY TO SURVIVAL!**

YOU NEED YOUR M1114'S AUTOMATIC FIRE EXTINGUISHING SYSTEM (AFES) TO PUT FIRES OUT.



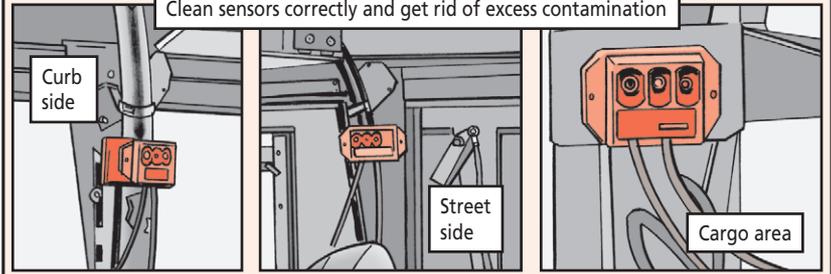
Word from the field is that soldiers have been prematurely using and improperly testing the AFES for the M1114 up-armored HMMWV. And premature use of this system can lead to unnecessary wear and tear, which can lead to it not working during an actual fire.



PUT A HALT TO PRACTICE RUNS BY KEEPING THESE POINTS IN MIND...

- Be careful when using the manual activation switch on the control module. Flipping up the guard (thus breaking the lock-wire) and activating the switch will cause the AFES to discharge both extinguishers. That can cost you money and downtime. The system will not protect you until charged extinguishers are installed. **Don't** attempt this to "test" the system.
- If you don't clean the optical fire sensors correctly, you'll decrease their ability to quickly and correctly identify a fire and activate the AFES. An unreliable AFES puts you and other soldiers in your M1114 in danger.

Clean sensors correctly and get rid of excess contamination



When you do your daily PMCS cleaning on the optical fire sensors, be sure to get rid of any contamination, such as dirt, oil, and grease, on the optic lens. Use a clean, damp, non-abrasive cloth when wiping the lens. **Never** use a wire, metal or stiff-bristled brush! That will damage the sensors.

- The functional test verifies proper installation and operation of the AFES configuration B, NSN 4210-01-542-1128, on your M1114. This test should be performed **after** the installation of the AFES and should be repeated during scheduled maintenance. Use the M1114 AFES test set, NSN 4210-01-543-5510, and the AFES test set operational instructions for the M1114 HMMWV to conduct these tests.
- **Before** testing the AFES, cables from both extinguishers must be disconnected and the valve simulators must be installed. If not, the system will discharge both extinguishers, and your AFES will be extinguished!
- Once the AFES has been discharged, it can't protect you from a fire again until it's serviced and full extinguishers are installed.
- AFES should react to fires automatically in milliseconds.

EYEBALL THE PM-LTV'S PUBLIC ACCESS AREA ON THE AKO WEBSITE AT THIS ADDRESS FOR MORE INFORMATION ON PMCS, MAINTENANCE, TROUBLESHOOTING AND TESTING OF THE AFES.

<https://www.us.army.mil/suite/folder/197841>

