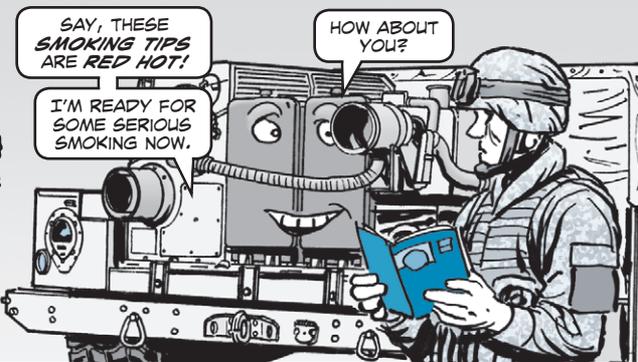


# RED HOT TIPS FOR GOOD SMOKING

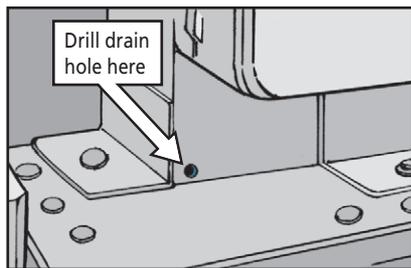
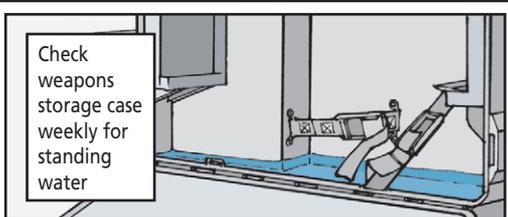


**T**hese red hot tips for taking care of your M56 smoke generator will lead to some mighty good smoking. So sit back and fire up on this PM:

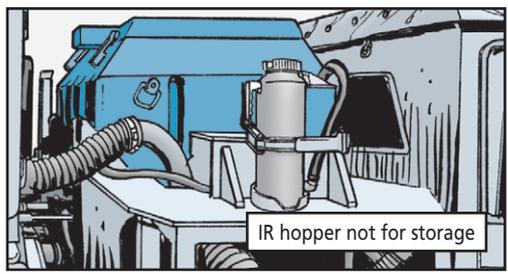
**Weapons storage case:** The cases often don't do a good job of sealing out water. So if it has rained quite a bit since you last smoked, you could open up the case and find it filled with water and everything that's stored in it ruined.

Anytime it has rained, open up the case and check for water. Mop up any you find. A time-saver is to leave a big sponge in the case and use it for mopping.

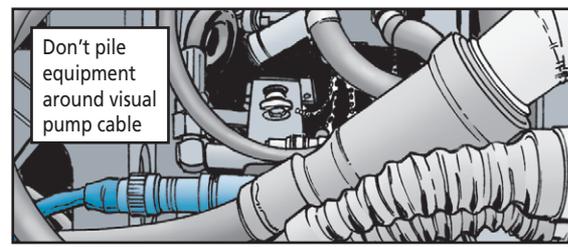
If it rains a lot in your area, you might want to have support drill two drain holes in the case no larger than 3/16 inch and about 1/4 inch from the bottom and front side edges at each end. Touch up the areas with paint to prevent corrosion.



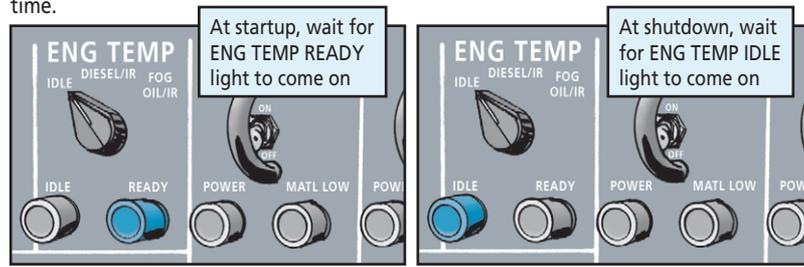
**IR hopper not for storage:** It's tough getting everything stored in the M56. But one place you don't want to use for storage is the IR hopper. If the hopper is turned on with anything in it but graphite, not only will what's in the hopper be mangled, but so will the hopper assembly.



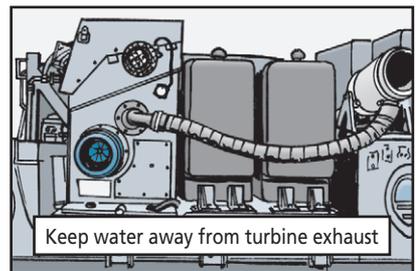
**Visual pump cable:** Don't pile stuff around this cable. The cable will be damaged and you won't be smoking. Check that the cable is tight during BEFORE PMCS. A loose cable prevents smoking, too.



**Wait for the light:** You can't rush things during startup and shutdown. If you don't wait for the ENG TEMP READY to come on (it may take 3-5 minutes) before turning the fog oil control knob, the engine won't have time to become hot enough for smoking. At shutdown, wait until the ENG TEMP IDLE light comes on before turning off the power. If you don't, unburned fog oil is left in the system, which makes for difficult starting next time.



**Washing:** It's best not to use a power washer on any part of your M56. But be especially careful to keep water away from the turbine exhaust. Water can go through the cone straight into the turbine enclosure and cause all sorts of corrosion and electrical problems. You can get a cover for the turbine exhaust with NSN 5340-01-424-3403 and for the ejector with NSN 5340-01-500-2463.



**Safety:** Always stay at least 50 feet away from the rear of the M56 while it's operating and until it cools off for at least 20 minutes after shutdown. Fire can shoot out and barbecue you in an instant.

