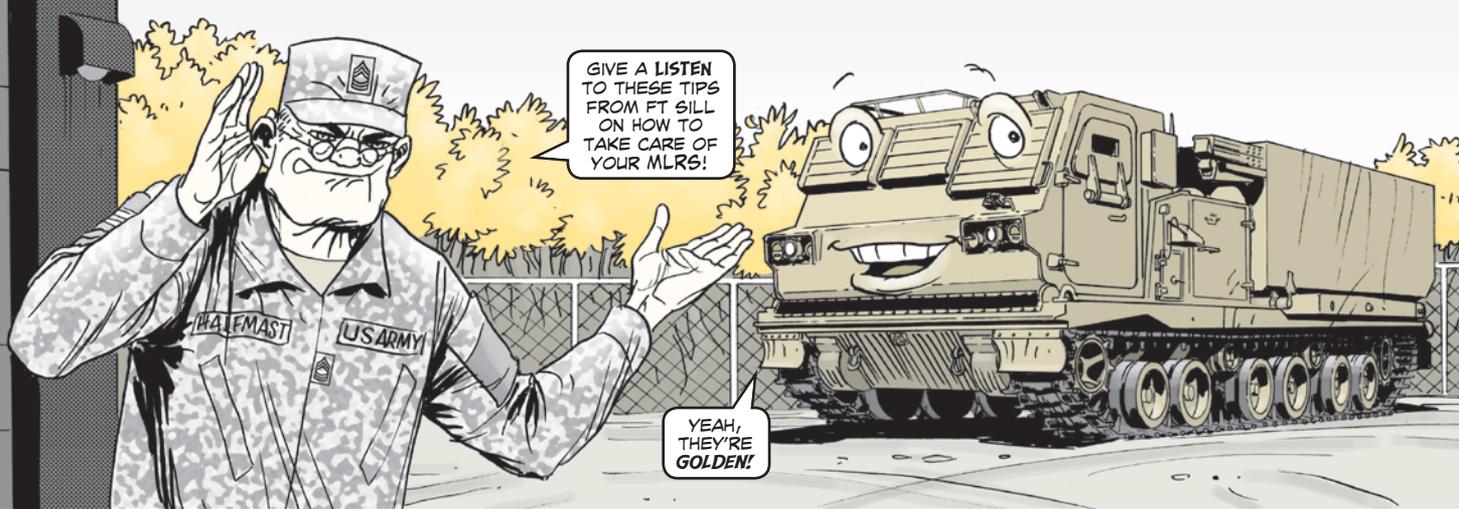


Multiple Tips for Your MLRS

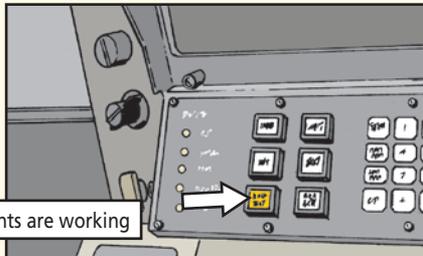


Dear Editor,

At Ft Sill, we've spotted multiple problems maintaining the MLRS launcher that these tips can prevent:

Check Dash Lights During PMCS

If you do the lamp test, you know the warning lights are actually working. If they're not all working, you could miss something like an oil warning light that would have prevented major damage. Just push the lamp test switch and take a look at the dash lights.



Push lamp test switch to make sure dash lights are working

Use the TM To Do PMCS and Do PMCS Step by Step

Unless you have a photographic memory, it's impossible to remember all the PMCS the MLRS requires. And, if you rush through the PMCS, you'll miss important checks like loose prop shaft bolts or loose cables. A thorough PMCS will take most of your day.

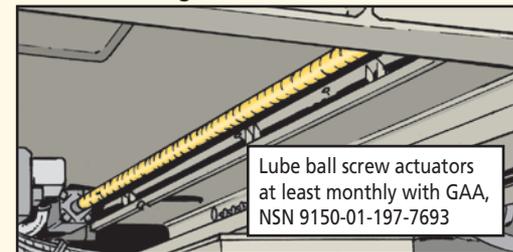
I'VE BEEN CHECKING OUT THIS MLRS FOR SO LONG, I CAN DO IT BY MEMORY!

IN YOUR DREAMS! GET THE TM SO YOU DON'T MISS ANYTHING!



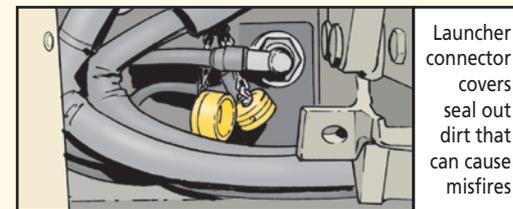
Lube the Hoist Carriage Assembly

This is often entirely missed. Then when the pods are moved in or out you start getting screeching or jerking (signs the carriage assembly needs immediate lubing). The hoist carriage assembly ball screw actuators have lube points. Give them at least a monthly shot of GAA.



Use the Launcher Connector Covers

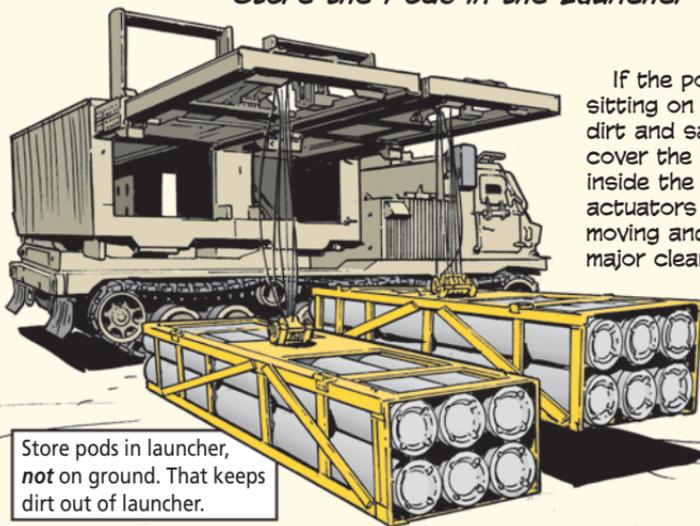
Connectors that are full of moisture and dirt will prevent a good connection with the rockets and cause misfires. Each launcher has four covers. Use them. If a cover disappears, replace it with NSN 5935-00-387-2147.



Safety Wire the Prop Shaft Bolts or Paint White Lines on Them

If the bolts work loose, the prop shaft can take out the transmission, final drive, WBO and WB1 cables, and encoders. Tighten the prop shaft bolts to the correct torque requirement and then put a white line (or torque stripe) on them. Safety wire the bolts after they've been torqued so they stay tight. The torque stripe lets you tell at a glance if the bolts need tightening. And make sure to check the bolts daily when you're operating.

Store the Pods in the Launcher



If the pods are left sitting on the ground, dirt and sand are free to cover the ball actuators inside the launcher. The ball actuators then have trouble moving and you have a major cleaning job.

Store pods in launcher, **not** on ground. That keeps dirt out of launcher.

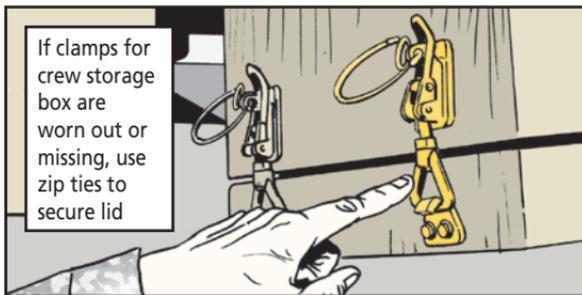
Operate the PT Pump Weekly

If the pump sits for weeks without being used, it plugs up and eventually quits working.

Use Zip Ties for Missing or Worn Out Crew Storage Box Clamps

If the clamps won't hold or are missing, the box's lid falls down. Then when the launcher is traversed, the lid takes out the cables by the launcher interface unit (LIU). Zip ties keep the lid shut. Order a new flush catch for the storage box with NSN 5340-01-145-1296.

If clamps for crew storage box are worn out or missing, use zip ties to secure lid



Disconnect the Two Cables for the Power Takeoff (PTO) Before Pulling the Pack

This is a common mistake, especially for new repairmen. If you forget, say goodbye to the cables and PTO.

CW3 Shawn Barnes
2/18 FAR
Ft Sill, OK

Editor's note: *These are multiple good tips, Chief. Thanks for all the help you're giving MLRS units.*

PS END