



THE  
PREVENTIVE  
MAINTENANCE  
MONTHLY

## SERGEANT'S TIME TRAINING SUPPORT

### M577A3/M1068A3 Command Post Carrier APU PM

#### An Easy Outline for Sergeant's Time Training

(**Note to Sergeants:** Here's an easy training outline you can follow any time your unit has a free minute. A problem & solution format is provided below, with visuals if you scroll down. Use this outline or add more info as you see fit. Make it yours & make it matter! –*PS Magazine*)

**Problem:** Low engine oil can cause parts to seize and then the engine can fail.

**Solution:** Make sure the APU has enough engine oil:

1. Check the engine oil both before and during operations.
2. Check engine oil level every 10 hours during operations.

**Problem:** Vibration during operations can put stress on the APU's mounting bolts.

**Solution:** Have your mechanic regularly check the mounting bolts to make sure they are torqued to spec. Don't use the APU to power other vehicles or equipment.

**Problem:** Not following the TM can lead to APU failure.

**Solution:** Everything you need to know to keep your APU in working order is in the TM. Follow the complete list of PMCS checks found in TM 9-6115-664-13&P.

# DON'T OVERLOOK APU PM!

WELL, ALL  
DONE WITH YOUR  
PREVENTIVE  
MAINTENANCE  
FOR TODAY!

DON'T FORGET  
ABOUT ME!

CREWMEN, YOUR COMMAND POST CARRIER'S 5-KW AUXILIARY POWER UNIT (APU) GENERATOR NEEDS **REGULAR PREVENTIVE MAINTENANCE** TO HELP KEEP IT WORKING HARD WHEN YOU NEED IT MOST.

WITHOUT DOUBT, THE **BEST** THING  
YOU CAN DO FOR YOUR APU IS...

...FOLLOW **ALL** OF THE **BEFORE, DURING AND  
AFTER** PMCS CHECKS FOUND IN THE TM.

CHECKING THE  
ENGINE OIL  
BOTH BEFORE  
AND DURING  
OPERATIONS  
IS **CRITICAL**.

WHEN THE  
ENGINE IS LOW  
ON OIL, PARTS  
CAN SEIZE AND  
THE ENGINE  
FAILS.

BE SURE TO  
CHECK THE  
OIL LEVEL  
**EVERY 10  
HOURS** DURING  
OPERATIONS.

DON'T DAMAGE  
YOUR COMMAND  
POST CARRIER'S  
APU BY **FAILING  
TO DO SUCH  
BASIC CHECKS**.

ALSO, **VIBRATION** DURING OPERATION CAN PUT A LOT OF **STRESS** ON  
THE APU'S MOUNTING BOLTS.

HAVE YOUR MECHANIC **REGULARLY CHECK** THE MOUNTING BOLTS TO  
MAKE SURE THEY'RE TORQUED TO SPEC.

**DON'T FORGET** THAT THE APU  
IS MEANT FOR POWERING YOUR  
COMMAND POST CARRIER **ONLY**.

**DON'T** USE IT TO POWER  
ANY OTHER VEHICLES  
OR EQUIPMENT.

**EVERYTHING** YOU NEED TO  
KNOW TO KEEP THE APU IN  
GOOD WORKING ORDER—  
INCLUDING THE **COMPLETE  
LIST** OF PMCS CHECKS—  
CAN BE FOUND IN  
TM 9-6115-664-13&P.

YOU CAN'T  
GO WRONG  
BY FOLLOWING  
THE BOOK!