



Section 1 - Introduction:

This Suggested Operating Guideline has been established to provide basic operating guidelines for personnel. These guidelines are not all-inclusive and may need to be deviated from as conditions dictate. This SOG does not create rights or duties that are enforceable in court.

All Apparatus have been inventoried and during weekly checks, please refer to each individual truck inventory and check accordingly

Section 2 – Definitions

Daily Checks- This is a truck check done anytime a new crew or firefighter is coming on duty and relieving another crew or firefighter. This is to be done on all trucks at the station

Weekly Checks- This is a **thorough** truck check done every Monday, to be done on all trucks at the station.

At Ready Status – Equipment is secured in the truck, clean, and ready to be easily deployed and used for calls.

Section 3 – Check Procedures

Daily Checks

- General walk around of the apparatus to check for any damage, low tires, overall cleanliness.
- Apparatus is plugged in and charging
- Turn on Apparatus battery and check that all head lights, signal lights, emergency lights and indicators come on and operate normally. Open all apparatus doors to check that cabinets lights work.
- Check that the apparatus air tanks are above 80psi, if not, turn truck on and operate on high idle outside of engine bay until air tanks are full.
- Check Apparatus fuel level is above 3/4
- Check SCBA's are in ready status, tanks all full (not below 4300psi), turn on and operate the pass device.
- SCBA masks are clean and ready status
- Check water tank and foam tank levels on light gauges and visually on the top of the truck.

- Check that all equipment is in place, at ready status, all small engines are fueled, switches are set to ON, oil levels are correct.
- Water jug is given new water and ice
- Check that all hoses are loaded correctly and nozzles set at correct GPM

Weekly Checks

- To include Daily check procedures plus ↓
- EMS bags are ready status and inventoried for correct equipment, air bottles are full.
- C-collar bags are inventoried: adult and pediatric collars with 5 back board straps.
- Ring Cutting bag is Inventoried (6114,6124 only)
- Lock out equipment is all present and functional (6116,6114,6126,6124)
- At least 2 Smoke Detectors and batteries are present
- TIC is to be turned on and checked
- Turn on all gas monitoring devices and check according to Manufactures instructions
- Take out and operate air bag controls and air bags
- All struts and accompanying equipment are at ready status
- Rope bags have all necessary equipment per the labels attached to each bag.
- All water rescue equipment is present and at ready status
- Turn battery on, work all pump levers including electric ones, take off caps to drain the water out from checking the levers. Work all discharge drains

For all following checks Apparatus must be outside, and outside temp must be above 30 degrees, no motors should ever be run for a check procedure inside the bay. If its to cold to go outside, insure the equipment is ready and fueled.

- Operate the sirens and horns
- Operate the pump shift and place the apparatus in pump
- Operate the pump primer
- Run the discharge pressure up to 150psi, operate the recirculating valve to check that the pressure governor or intake relief valve is working. Return to idle after checking
- Operate the volume switch and watch the discharge gauge to see that the pump switched into volume mode.

- Run pump in rpm mode and run truck at 1200 rpms for remainder of outside checks.
This step is important to get the truck up to operating temp and activates passive regen process in newer models.
- Run Chainsaw for a minimum 30 seconds, turn off, check chain teeth quality and direction, refuel, add bar oil, check chain tightness, check overall cleanliness
- Run K-12 for minimum 30 seconds, refuel, check blade tightness, check overall cleanliness
- Run PPV Fan on full throttle for minimum 1 minute, idle down and turn off, refuel, check oil, turn gas off and set switch to ON.
- Run the blowers for 1 minute, idle down, turn off, refuel
- Run Halmatro unit, hook up both hoses, run all Holmatro equipment checking for oil leaks while doing so.
- Run apparatus generator and check all scene lights and light towers with it.
- Check that all ground ladders are clean, operable and pull rope is secured correctly.

For 6112:

- Operate Ladder: set out riggers, fully raise and extend ladder then turn the ladder completely to the rear, lower ladder to 0 degrees, walk the full length of ladder. Inspect: the welds, grease, pullies, and wires. Return to the ladder, raise it, turn it the back to face the front of the truck, retract it and lower to no less than 30 degrees so the cab can be lifted.

Note: All stihl equipment takes 50:1 gas mix