

## 703 Power Equipment - updated 8-30-12

**Purpose:** To ensure the functionality, and to maintain the proper working order of all ECFR power equipment.

1. All ECFR power equipment shall receive a detailed service/maintenance annually. Annual service/maintenance shall include, but is not limited to a detailed inspection/cleaning, fluid changes and replacement of worn or damaged parts.
2. All ECFR power equipment, whether on an apparatus or in the station, shall be checked for operability and potential defects on a weekly basis.
3. Be sure to check for proper fuel mixture (i.e. straight, 50:1 oil mix) prior to fueling up any piece of power equipment.
  - a. Use only that oil and fuel mixture recommended by the manufacturer
  - b. All stored fuel shall be treated with a fuel stabilizer.
4. Lawn mowers and lawn maintenance power equipment.
  - a. Before each use lawn mowers and power equipment shall be inspected for:
    - i. Proper engine oil level
    - ii. Loose or defective blades
    - iii. Worn or defective belts or chains
    - iv. Tire inflation
  - b. All lawn equipment shall be cleaned (sprayed off at a minimum) after each use.
  - c. All lawn equipment shall be winterized per manufacturer's recommendation at the end of the season.
5. Power equipment in service on apparatus.
  - a. All power equipment kept on apparatus (i.e. chain saws, PPV fans) shall be operated and inspected as part of, and as per, the weekly apparatus check. The inspection shall include:
    - i. Check fuel level
    - ii. Check oil level including bar oil (chain saws)
    - iii. Inspect pull cord for damage or fraying
    - iv. Check chain tension (chain saws)
    - v. Check for blade damage or cracks (PPV Van and Circular saws)
    - vi. Start engine and let it warm up to normal operational temperature (to be done outside with bay doors open).
  - b. All power equipment kept on the apparatus shall be placed back in service in the following state.
    - i. Ignition switch on
    - ii. "Choke" on

- iii. Fuel "off"
    - iv. Throttle partially open
  - c. Turn the fuel off and run power equipment until all fuel in the carburetor is consumed.
  - d. All power equipment fluids shall be "topped off", and shall be cleaned after each use.
- Note: Following procedure will insure the engines' carburetor will not be flooded prior to arrival on scene. User will only need to turn the fuel "on" prior to using each piece of equipment.
- Maintenance records can be viewed on East County Fire and Rescue's O: Drive, inside the "small engine maintenance log" folder.