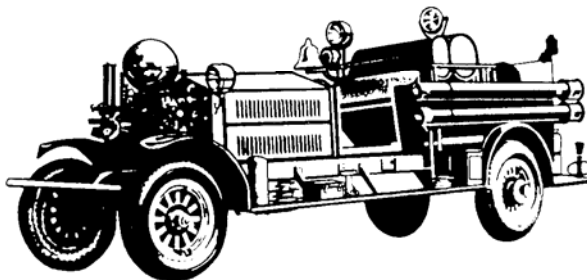


Engine 260 Inc.

4 FLAX MILL TERRACE

Milford



Connecticut

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SCAFAC / 260 CONNECTICUT CHAPTER OF SPAAMFAA

APPARATUS REQUIREMENT NOTICE

IT HAS COME TO OUR ATTENTION FROM THE APPARATUS JUDGES THAT SOME OF THE SAFETY RULES REQUIRED BY SPAAMFAA – SCAFAC/ 260 ARE NOT BEING MET, RESULTING IN APPARATUS BEING DISQUALIFIED FROM BEING JUDGED.

THE SHOW & MUSTER COMMITTEE ADVISES THAT THE FOLLOWING REQUIREMENTS PERTAINING TO APPARATUS BE ADDRESS TO AVOID BEING DISQUALIFIED FROM BEING JUDGED.

TWO WHEEL BLOCKS ARE REQUIRED - APPROPRIATE SIZE FOR YOUR APPARATUS. PLACE ONE IN FRONT AND ONE IN THE REAR OF THE APPARATUS WHEELS.

5 LB ABC FIRE EXTINGUISHER – WITH CURRENT CERTIFICATION – PLACE EXTINGUISHER SO IT IS VISIBLE, WHEN INSPECTING YOUR APPARATUS. IT SHOULD NOT BE KEPT IN A COMPARTMENT.

WINDOWS – IF APPLICABLE – NEED TO BE IN THE UP POSITION. GLASS IS A JUDGED CATEGORY AND THEY WILL NOT ROLL UP THE WINDOWS TO INSPECT THEM.

ENGINE HOOD MUST BE LEFT IN THE OPEN POSITION SO THAT THE ENGINE COMPARTMENT CAN BE INSPECTED WITHOUT THE JUDGES HAVING TO RAISE THE HOODS. ANY APPARATUS NOT COMPLYING WITH THESE REQUIREMENTS WILL BE WILL NOT BE JUDGED.

SCAFAC/260 Muster Safety Guidelines

1. General Objectives

The intent of these guidelines is to provide a framework to make musters as safe as possible for both muster participants and spectators. This is a performance based program rather than a set of regulations. The primary responsibility for safety rests with the owner and/or operator of each piece of apparatus participating in the muster. However, the sponsor of each muster event or activity must also develop a site specific safety program that addresses local conditions and activities to comply with the objectives of these Muster Safety Guidelines.

2. Safety Committee

The local chapter for each muster shall appoint a Safety Officer and Safety Committee. Each Safety Officer will be qualified to perform his duties as a result of training and/or fire service experience. The members of the safety committee shall show means of identification to make them recognizable at the muster. The number of members shall be adequate to perform the required duties based on the number of participants and spectators expected to attend the muster.

3. Authority of the Safety Committee

The Safety Committee and its Safety Officer shall have the final judgment as to whether or not to permit any activity at the muster and to order such actions as may reasonably prevent a dangerous situation. Typical emergency actions might include an order to bed all aerial devices upon the appearance of a storm to reduce the danger from lightning. It is the responsibility of the local chapter to appoint qualified persons to the safety committee and then support them and the decisions that they make.

4. Conformance with Accepted Fire Ground Practices

A positive working relationship with local fire departments is of great value to any local chapter and under no circumstance should activity be permitted at a muster that conflicts with accepted fire department safety practices. While many apparatus owners have no relationship to the fire service, in the eyes of many spectators, the ownership of a fire engine suggests some basic understanding of fire department skills and practices.

5. Responsibilities of Apparatus Owners

The owners and crews of each piece of apparatus have primary responsibility for safety since the Safety Officer and/or safety committee cannot be expected to monitor all apparatus and activities that are going on simultaneously during a muster. Apparatus owners and operators are also expected to have much more in

depth knowledge of the operation of their own apparatus and equipment than the Safety officer since there is a very wide variety of fire apparatus. Operating procedures will vary between apparatus manufacturers and will also depend on the date of manufacture of the apparatus. Some apparatus may have been modified by their Fire Departments while in service resulting in unique operating procedures. Because of these many variables, apparatus owners and operators are expected to use caution and good judgment in operating their rigs in accordance within manufacturers recommendations while following muster guidelines.

6. Requirements to Participate

Each participant should be required to sign a registration form in which among other things, establishes vehicle liability insurance, and agreement to follow the requests made by the Safety Committee.

Each piece of apparatus should be provided with a registration placard identifying the owner/operator. The placard should be conspicuously posted or attached to the apparatus at all times so the owner/operator can be readily be contacted if needed (for example, the vehicle is leaking gas). Placards are available from the Recording Secretary of SPAAMFAA at no charge.

7. Apparatus on Static Display

Any parked apparatus shall have the wheels chocked to prevent accidental movement in any direction. The vehicle shall be closely supervised to protect the vehicle from its admirers and its admirers from the vehicle. Remember children stick their fingers in the most unusual places including mechanical siren ports. Consideration should be given to disconnection of the battery to prevent the accidental operation of sirens or the starting of the engine.

8. Operating Apparatus - (Handout) SEE SCAFAC/260 Minimum Safety Rules for Apparatus Operation.

9. Backing and Moving Apparatus on Muster Site

An adequate number of guides shall be used to clear the right of way and alert the driver of obstacles. No vehicle will be backed without the assistance of a “lookout” person watching the area behind the vehicle.

10. Parades

In parades containing a mix of marching units, horse drawn units and motorized units, attention shall be paid to the arrangement of the parade to protect the non-motorized units from the motorized units. For the safety of those riding the vehicles in the parade, everyone shall be inside the body of the vehicle (cab, hose body). For the safety of those watching the parade, vehicle speeds shall not

exceed 20 MPH and no stunt driving of fire apparatus shall be permitted. The throwing of candy or trinkets that encourage children to run into the street should not be permitted.

11. Warning Devices

The operation of warning lights, sirens, bells, and air horns shall be permitted in parades and at the muster so long as the operation does not violate local ordinances. Special attention must be paid to the possibility of disturbing church services, hospital patients, or even late sleeping local residents. Particular consideration shall be given to the effect of warning devices on any horses in the parade.

12. Games and Competitions

All games and competitions shall be conducted under written rules that are understood and agreed to by the participants. These rules shall include specific provisions to protect the safety for both the participants and the spectators.

13. Emergency Vehicles

At many musters there will be a mix of privately and publicly owned out of service rigs and in service emergency vehicles. The muster site should be arranged to permit emergency vehicles to respond from the site if necessary and for emergency vehicles to move about the site should there be a fire or medical emergency at the muster.

14. Fire Protection

Every fire apparatus shall have an operable fire extinguisher having a minimum rating of 6B:C. This should be verified as part of the registration process. Consideration should be given to ways to prevent the leakage of gasoline from the carburetors of apparatus with gravity feed fuel systems. No refueling of apparatus on muster site should be permitted without Safety Officer's approval.

15. Emergency Medical Service

A means of providing EMS, should it be needed, shall be prearranged.

16. Communication Link

A cellular telephone, two way radio or other link shall be available to the Safety Committee to call for outside assistance. The Safety Committee should take full advantage of radio communications to function as a Safety team.

17. Unusual Apparatus, Events and Demonstrations

Operating aerial devices, pumpers, steam pumpers and the like add greatly to the appeal of musters, but may require special attention by the Safety Committee. Such issues as aerial limits, operator certification, backup water supply, and

compliance with boiler codes must be addressed. The Safety Committee shall be alert to situations having unusual risk factors and shall take actions that may be reasonably required to protect spectators and participants. Examples of such actions might include requiring evidence of recent hydrostatic testing of high-pressure tanks or boilers.

(SPAAMFAA) - SCAFAC/260 - Updated - JULY 2009

SCAFAC/260

Minimum Safety Rules for Apparatus Operation (Participant's handout)

1. Always be conscious of other apparatus and most importantly, people around your apparatus and **ALWAYS THINK SAFETY**. Each owner and/or operator has primary responsibility for his vehicles safety!
2. The operator is responsible to have proper knowledge and experience in the operation of the unit including all of the manufacturer's safety requirements.
3. Attention to safety should make musters more fun for everyone. Please volunteer to help other participants if it appears they need a hand. Also everyone must observe the instructions given by the muster safety officer and safety committee members. Safety officials should be wearing identification and do not hesitate to report any unsafe conditions you observe to them.
4. Any apparatus that is pumping, being supplied by a pumper, or has its aerial raised, shall have its brakes set, wheels chocked with suitable wheel chocks and shall be continuously attended by an adult capable of operating the apparatus while the aerial is raised and/or the pump is in operation.
5. No pump shall operate at pressure greater than 70 psi unless authorized by a Safety Officer. All gates shall be opened and closed slowly to minimize water hammer. In rare instances where higher pressures are required such as raising water towers, the owner shall certify that the hose have been subjected to a pressure test of 125% of the required operating pressure within the previous 12 months.
6. Hand held lines shall not be permitted except for contests (such as waterball) or demonstrations which have been approved by the safety officers. When approved for use they shall be manned by an adequate number of personnel to safety control the line. Booster lines are not covered by this rule and may be hand held.
7. Master stream devices shall be properly secured to prevent accidental movement and no person shall be allowed to run their hands through the stream.
8. Aerial Devices are defined to include all Aerial Ladders, Aerialscopes, Ladder Trucks, Tower Ladders, Snorkels, Squirts and Water Towers.
9. Aerial devices shall not be raised anywhere where they may come into contact with any overhead electrical lines.

10. **Aerial apparatus must have all stabilizers on stable ground, have suitable metal plates under them, be properly set and locked in accordance with the manufacturer specifications. If it is a tractor-trailer unit it should be jackknifed in accordance with the manufacturer's specifications.**
11. **No Aerial device may be raised without a Safety Officer overseeing the raising of said device and should not be raised if the wind is over 15MPH. If wind speeds increase to more than 15 MPH aerial devices should be lowered. Aerials may not be raised and/or should be lowered immediately if there is potential for lightning storms.**
12. **If a water pipe is used it may not be above the bed section, only one hose line may run up the ladder, it may not flow more than 50% of its rated capacity and a shut off must be available at the base of the ladder.**
13. **No Aerial device may be operated off the side at more than 45 degrees to the bed and may not be operated or turned at any elevation lower than 75 degrees to the turntable. Except for approved aerial arches. Recommend the perimeter area of extension be kept clear of people and no one shall stand under the aerial device.**
14. **No Aerial device will be extended above the bed section without permission of the Safety Officer and it may not be extended more than 60% of the total height of the aerial device.**
15. **No Wooden Aerial will be raised other than above the aerial bed and will not operate a water pipe.**
16. **No Person shall climb any aerial device on the event site.**
17. **No person under the legal age for the State (Province) in which an apparatus is being operated, shall operate said apparatus and no person without a valid drivers license shall drive or tiller any apparatus.**
18. **These rules apply to all antique apparatus participating in a muster. Modern in-service fire apparatus owned and operated by a governmental agency such as a Municipal, Volunteer or Regional Fire Department does not fall under these rules.**

(SPAAMFAA) SCAFAC/260 - Updated - JULY - 2009

SPAAMFAA Minimum Rules for Steamer Operation (Participant's Handout)

- 1. Rules governing the operation of steam boilers and their engines follow common sense and the laws of the states. Note: Most state level governments have a boiler certification program to cover stationary and portable boilers that are not inspected by insurance companies.**
- 2. Some states and municipalities require a license for the operator as well.**
- 3. All boilers operated at SPAAMFAA or Chapter meets where SPAAMFAA insurance is in effect, must comply with code of the higher jurisdiction and must show a current certificate of boiler inspection to the muster authorities.**
- 4. There is to be one person in charge at all times. This must be a trained (licensed if required) steam engine operator.**
- 5. The owner of the steamer must provide a certificate of liability insurance on the steamer for at least one million dollars.**
- 6. The unit must have an operational sealed safety valve.**
- 7. The steamer must be positioned on stable ground or hard surface, and if deemed necessary, supports will be placed under the wheels to prevent sinking should the ground become saturated.**

- 8. Participation in any contest or event wherein speed is required in getting up steam from a cold boiler or first water trial is strictly forbidden due to the stress placed upon the equipment.**
- 9. Motor muster rules as stipulated by the muster authorities shall include, but are not limited to: Pump pressure not to exceed 70PSI at the pump; all nozzle devices to be tied down; wheels chocked.**
- 10. Ropes or suitable barricades are to be situated so as to keep spectators away from the engine by at least 30 feet prior to lighting the fire and must be maintained until the fire is out.**
- 11. The Operator of the steamer shall be prepared to drop the fire a moment's notice: Tools including appropriate hoe, pricker and long and short handled shovels are required.**
- 12. It is required that an independent source of water at a pressure greater than the lifting pressure of the safety valve be connected and charged before the fire is lit and maintained until the fire is dropped. There must be a check valve at the entry point on the steamer to prevent boiler water from backing up into this water supply. Note: This supply may be a garden hose on house pressure, or a line from a motor pumping car.**
- 13. It is recommended that where brackish water is being pumped, only fresh water be supplied to the steamer. Note: Brackish and salt water should not be introduced into the boiler lest foaming occur.**

14.Common sense demands that care be taken in operating those devices that could shower spectators with water, soot, embers, steam or hot water.

15.Reports of accidents of even the most minor degree should be reported on the SPAAMFAA Post Event Report and sent to the Insurance Advisor and the Corresponding Secretary.

(SPAAMFAA) SCAFAC /260 - Updated - JULY 2009