Chariot I Extract

Watch the instructional video in conjunction with these instructions:
http://www.youtube.com/watch?v=8Vq_e5Mv1Ac

Student employees are NOT to operate riding equipment unless approved by a Building Services Manager. Only full time staff should operate said equipment.

Preparation of the Materials
1) Do a pre-run inspection to find possible problems that could cause poor performance or lost time from breakdown. Follow the same procedure each time to avoid missing steps.
2) Before starting machine, make sure that all safety devices are in place and operating properly.
3) Stand on the operator platform. Throttle pedal must be in neutral position.
4) Turn the machine power on by turning key switch clockwise to the “ON” position.
5) Check the position of the Directional Control Switch to make sure the machine will travel in the direction intended.
6) Press the Drive Reset Switch.
7) Press lightly on the throttle pedal with right foot.
8) In case of an emergency, stop the machine. First, release the throttle pedal by lifting right foot. Turn machine power off with key switch by turning key switch counterclockwise. If an electrical problem is suspected, push in emergency stop button. This will also engage the parking brake and cause the machine to stop immediately.
9) When the tank is empty, refill it. First, stop on level surface, turn off machine and remove key. Remove solution cover. Fill the solution tank with clean water. The solution tank capacity filled to fill inlet is 25 gallons (95 liters). The water must not be hotter than 140° F (60°C) to prevent damage to the tank. Replace solution tank cover.
10) Plan the scrubbing pattern in advance. For efficient operation, the runs should be the longest possible without turning, stopping, or raising or lowering scrub deck. The longest track is around the perimeter of the area to be cleaned and a collapsing rectangle pattern is most efficient. In order to achieve the best possible results, the area which is to be cleaned should be swept before scrubbing. Large debris, strings and wire must be removed to prevent being caught in brushes. If the machine is allowed to stand in neutral with the scrub deck down for more than 2 seconds, the solutions flow stops and brush motors stop. When forward travel is resumed, the solution flow and the scrub brush motors will continue. Overlap the brush path and avoid transporting over previously cleaned areas.

NOTE: When operating the machine around people, pay close attention for unexpected movement. Use extra caution around children. Do not extract flammable liquids!
Procedure

1) Stand on the operator platform. Throttle pedal must be in neutral position.
2) Turn machine power on.
3) Check position of Directional Control Switch to ensure that machine is set to travel in direction intended.
4) Press the Drive Reset Switch.
5) Lower the vacuum shoes.
6) Lower the scrub deck to floor.
7) Drive machine forward to begin scrubbing.
   NOTE: Shut machine off immediately if water or foam is expelled from the machine.
8) Adjust the speed of the machine.
   NOTE: Once solution flow rate is set it is not necessary to shut off solution when stopping scrubbing. Solution flow is automatically shut off when brush motors stop. When brush motors are activated, flow automatically resumes.
9) Prime the pump.
   NOTE: No chemicals should be added to the solution tank! If the solution system has gone dry or has been unused for a period of time, it may be necessary to follow the pump priming procedure.
10) To prime the pump, fill solution tank.
11) Then, loosen (but do not completely remove) the strainer bowl. Solution should flow out of the strainer. If it does not, check the strainer screen inside the solution tank. Insure it is clear of debris. Tighten the strainer bowl.
12) Disconnect the vacuum hose from the recovery dome.
13) Begin normal scrubbing and set the solution flow to maximum setting. Solution flow should begin within 2 minutes.
14) Connect vacuum hose to recovery dome.
15) Finally, adjust the speed of the machine as necessary. Priming is then complete.

Cleanup

1) To stop scrubbing, raise the scrub deck, turn off scrub brushes.
2) Raise the vacuum shoes, turn off vacuum.
3) Allow the throttle pedal to return to neutral.
4) Turn machine power off.
5) Note: For safety purposes, before leaving or servicing machine: stop on level surface, turn off machine and remove key. When using machine, go slow on inclines and slippery services.
6) Park the machine next to a floor drain. Drain hoses are at the front of the machine.
7) Turn the machine power off.
8) Pull the large drain hose from under the front of the tank. Unscrew cap, then lower hose in direction of the drain. Do not stand in front of end of hose. Recovered solution will come out with force.

9) Remove the recovery tank dome. Flush the recovery bag out with clean water. Do not use water hotter than 140°F (60°C) to clean tank. Damage may occur.

10) Clean debris from dome basket.

11) Clean off the float shut-off system and inspect for free movement of float. The float shut-off system is located in the rear of the recovery tank.

12) Replace the drain cap and secure drain hose under tank.

13) If machine is to be stored, leave the recovery tank dome off.

14) Pull recovery drain hose out to expose the solution drain hose.

15) Pull the solution drain hose from under front of the tank. Unscrew cap, then lower hose in direction of drain.