



**PC1 Pocket Hoist**

**WARNING**

***BEFORE operating this hoist you must understand and follow the instruction in the M-804 operator’s manual. All hoists MUST have a copy of this manual, if one is not present with this hoist, contact your Power Climber dealer. You must be properly trained, in good health, and authorized to operate the hoist. Failure to comply with these instructions could result in serious injury or death.***

**\*\*If you do not have a copy of the M-804 Operator’s Manual for this hoist, please contact your Power Climber dealer:**

**Local Power Climber Dealer \_\_\_\_\_  
Phone: \_\_\_\_\_**

These instructions are not all inclusive. It is impossible for Power Climber to know, review, and instruct on every possible way this equipment may be used, and on all possible hazardous situations. Any deviation from the instructions in this operator’s manual may jeopardize the safety of yourself and others, and/or result in damage to the equipment.

**DAILY TEST REQUIREMENTS**

The following tests must be performed at the start of each work shift. If the hoist fails any test, DO NOT use it until it is repaired. Refer to the photos on pages 11-12 to identify components.

**WARNING**

***Perform all daily test to ensure correct operation! Do not use the hoists for lifting until you have successfully completed the daily tests.***

**TESTING THE SECONDARY OVERSPEED BRAKE**

While powering the hoist up and down approximately 3-ft, look through the notched window in the access door. Make sure the overspeed roller (with the red stripe) is turning with the wire rope

1. Dereeve the wire rope.
2. Reinsert the rope about 12 in. into the hoist.
3. Holding the wire rope firmly, pull it out quickly. If the brake is working correctly it will grab and hold the wire rope in less than 4 in.  
Repeat this test at least 3 times. If the brake does not work correctly, return the hoist to your Power Climber dealer. DO NOT USE THE HOIST.
4. Reset the overspeed brake.

**TESTING THE MANUAL EMERGENCY DOWN BRAKE**

1. Push the UP control button and raise the platform approximately 3 ft.
2. While powering down, push the manual emergency brake button. The hoist should stop quickly.
3. Release the no-power emergency descent lever (5) to make sure the overspeed secondary brake has locked onto the suspension rope.

**RESETTING THE MANUAL OVERSPEED SECONDARY BRAKE**

Power up a few inches, at the same time turn the reset knob clockwise until the reset lever engages. If there is not enough traction to raise the hoist, pull downward on the tail line to increase traction.

**TESTING THE EMERGENCY POWER CUT-OFF BUTTON**

While running the hoist in either direction, press the red emergency power cut-off button (6). The hoist should not run in either direction. To reset, pull the button out.

**TESTING THE SECOND WIRE ROPE BRAKE**

Lower the platform to ground level. Slacken the main suspension wire rope. Pull on the second wire rope to ensure that grab jaws are locked onto it. Jaws should release when the main suspension wire rope raises the hoist.

**CAUTION**

*Never attempt any maintenance or repair while the scaffold is suspended in the air.*

**TESTING THE NO-POWER EMERGENCY DESCENT**

1. Raise the hoist approximately 3 ft.
2. Disconnect the power supply. During this test, or when you are actually using the emergency descent, CAREFULLY pull the no-power emergency descent lever, making sure the hoist does not overspeed. The hoist should descend at a slow, controlled speed.

If the hoist travels faster than 35 ft/min, the emergency descent system is not working properly and should not be used.

**DAILY INSPECTION**

Inspect the wire rope, power supply, rigging, platform, and hoist to make sure they are in proper working order and are not damaged. Bolts, nuts, and clamps must be tight and well secured.

Make sure the stirrup frame is secured with SAE Grade 5 hardware and all nuts and cotter pins are properly installed.

NOTE: When using the hoist in a dirty environment that contains epoxy, paint, cement, sand blast residue, or corrosive material, inspect the secondary overspeed brake several times a day. Protective covers are recommended for use in such environments. Contact your local supplier.

**WARNING**

***BEFORE operating this hoist you must understand and follow the instruction in this manual. You must be properly trained, physically fit, and authorized to operate the hoist. Failure to comply with these instructions could result in serious injury or death.***

**SAFETY NOTES**

**DO NOT** operate hoist if you hear any unusual noises.

**DO NOT** operate hoist if adjustments or repairs seem necessary.

**DO NOT** operate hoist if any warning, operating, or capacity instructions are unclear or damaged. Report any Problems to your supervisor and notify the next operator when changing shifts.

**NEVER** operate an electric hoist or any electrical equipment in an explosive atmosphere. Explosive atmospheres exist around refineries, chemical plants, grain elevators, coal mines or coal handling equipment. This is not a comprehensive list. Consult an expert (e.g. supervisor, safety director, competent person) if you are in doubt about the safety of your immediate surroundings.

Daily Inspection was done by \_\_\_\_\_ (signature)  
\_\_\_\_\_ (Print name)

Date of Inspection \_\_\_\_\_ Time of Inspection \_\_\_\_\_

Hoist Serial Number or Unit Number \_\_\_\_\_

*\*Some terms such as "overspeed safety", "overspeed brake" or "overspeed rope grab" may indicate the same part and are similar terms. If you do not understand any terms contained in this document, make sure to contact your local Power Climber dealer for assistance.*