

1. SPIDER SAFECAR 800 QUICK REFERENCE GUIDE

WARNING:

BEFORE operating the SafeCar you must understand and follow the instruction in the 720887 Installation Manual. All hoists MUST have a copy of this manual; if one is not present with this hoist, contact your local Spider Representative. 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 720887 Installation Manual for SafeCar, please contact your Spider Branch.**

Local Spider Branch: _____

Phone: _____

These instructions are not all inclusive. It is impossible for Spider 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 from a safe landing or ground level. If the SafeCar or hoist fails any test, DO NOT use it until it is repaired.

WARNING

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

DAILY INSPECTION

Before operating the hoist: Inspect the wire rope, power supply, rigging, SafeCar, 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.
- Make sure that all Barricades are in place and meet OSHA requirements.
- Make sure overhead protection is in place.
- Use plumb line measurement tool to ensure SafeCar is aligned on the T-rails.

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.

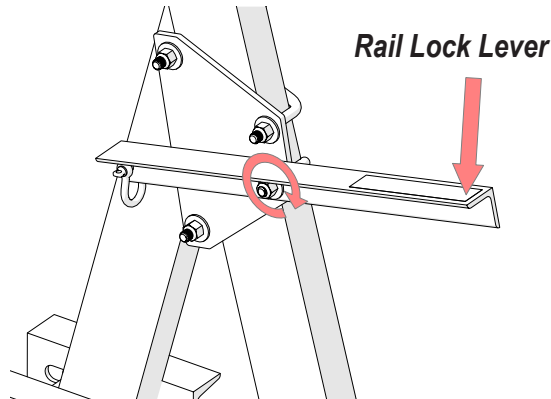
TESTING THE HOIST

Perform the Hoist test as outlined in the Hoists' Operators Manual and/or Daily Checklist.

Notice: The SafeCar Rail lock must be released anytime the SafeCar is moved up or down!

TESTING RAIL LOCKS ON SAFECAR - STATIC

1: Press foot down on rail lock lever to disengage the rail locks.



- 2: Travel upwards 1 ft.
- 3: Disconnect the power to the hoist by pressing the Emergency Stop Button.
- 4: Lift foot off rail lock lever to engage the SafeCar rail locks.
- 5: Lift the Control descent lever.
- 6: The SafeCar should not descend.
- 7: Repeat 3 times.

CAUTION:

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

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.

Welding Protection must be installed on hoist and suspension wires per OSHA requirements.

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.

Hoist Serial Number or Unit Number _____