



EQUIPMENT MANUAL

The HoverJack™ Air Patient Lift



June 2005



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HoverJack™ Instructions for Use

1. Place HoverJack™ on floor next to the patient, making sure the chamber with Valve #4 (with the identification label) is on the top and the chamber with Valve #1 is against the floor. If the Transport Sheet is to be used, first attach this to the bottom of the HoverJack™ by lining up and affixing Velcro strips on the Sheet to those on the bottom of the HoverJack™.
2. Make certain that all red-capped deflation valves (one in each chamber) are capped tightly so that inflation can be maintained.
3. Using log-rolling technique, place patient on top of deflated HoverJack™, positioning patient with feet at the valve end where indicated in writing on the label. The patient can be placed on top using the HoverMatt® Air Transfer System. (See HoverMatt® instructions) If the HoverMatt® is used, make certain that the HoverMatt® and patient are properly centered on the HoverJack™. Always deflate the HoverMatt® prior to inflating the HoverJack®. Using buckles, secure patient safety straps around the patient.
4. Plug in HoverTech International air supply.
5. Hold hose end against inlet Valve #1 of HoverJack™ which is in the chamber next to the floor.
6. Turn on air supply.
7. Inflate Chamber through Valve#1 of the HoverJack™.
8. When fully inflated, remove hose. Valve will automatically close, maintaining inflation in that chamber.
9. Using the same process, inflate other chambers using Valve #2, Valve #3 and Valve#4 in exact succession.
10. Turn off air supply and cap valves.
11. Transfer from HoverJack™ onto adjacent surface using the HoverMatt®. Transfer without the HoverMatt® Air Transfer System may cause injury.
12. If it is necessary to lower patient down to the floor, release air by opening the uppermost red deflate valve. When this chamber is fully deflated, move in succession downward to fully deflate. Caution: DO NOT RELEASE ALL CHAMBERS ALL AT

ONCE. Let each chamber deflate completely before moving to the next.

Note: If using the Transport Sheet, slide the HoverJack™ with patient atop it slowly and with care. Make certain that Patient Safety straps are secured before moving. Slide the HoverJack™ using the long black strap at the head-end of the device as well as the handles located at the top perimeter.

Warning: Someone should be with the patient at all times while inflating and using the HoverJack™.



Required and Optional Accessories HoverJack™ Patient Lift

Required Accessory:

HoverTech Air Supply - Model # Air200G or Air400G
Grounded, 800 or 1100 watt air supply. CSA Certified
against UL544 standards. Hospital approved, 3-prong
plug.

Optional Accessory:

HoverTech Transport Sheet – Model # HJTS32
Single sheet; one side Teflon®-coated, one-side with
Velcro strips to affix sheet to underside of HoverJack™.
Available for easier movement of HoverJack™ along floor
in certain circumstances. (See Warning found on
Instructions for Use).

HoverJack Storage and Transport Cart – Model # HJC-100
The cart is designed to hold the air supply in the top
basket and HoverJack™ Lift in the lower basket. The
cart has wheels for easy transport, this is the perfect way
to store the HoverJack™ for easy access in an
emergency.



Maintenance and Repair HoverJack™ Patient Lift

Cleaning Instructions

The HoverJack™ is constructed of nylon oxford.

The HoverJack may be covered with a sheet or other protective piece to help keep it clean.

The HoverJack can be wiped down with phenolic disinfectants, quaternaries, or other similar type solutions, as per hospital protocol for stretchers, OR pads and/or bed mattresses.

Note: If the HoverJack™ is to be moved, care must be taken so that a protective sheet does not get caught under the HoverJack™, perhaps causing an accident

Maintenance Instructions

Periodic inspection should be made of the HoverJack™ to assure the following:

- All dump valves are equipped with a red cap. The cap must be intact so that air cannot escape from the valve.
- All patient safety straps are attached properly to the HoverJack™ and the buckles are intact and operational
- Pull handles are attached properly to the HoverJack™
- Fill valves are self-sealing and there is no leakage from the inflated chamber from the valves
- There are no punctures or tears in the HoverJack™ chambers

Repair Instructions

The HoverJack™ is made of heat-sealed construction. All chambers must maintain inflation to be utilized successfully and safely. Any punctures or tears must be repaired. Leaking valves can sometimes be replaced.

The majority of these repairs must be made by the Manufacturer. It is recommended that the Manufacturer be contacted, however, before it is returned in the rare instance that a patch can be utilized to repair on-site.

A HoverJack™ in need of repair is to be forwarded to:

HoverTech International
513 S. Clewell St.
Bethlehem, PA 18015
Attn: Repairs



HoverJack™ Specifications

Material:	Nylon Oxford
Construction	RF-Welded
Width:	32" or 39"
Length	70"
Height:	30" Inflated (each chamber 7 ½ in)

HoverTech International Air Supply

Grounded
800 or 1100 watts
CSA Approved; CE Approved
Cord: 14' 18/3 SJT Grey cord
2 Micron Filter
Non-Corrosive 304 Stainless Steel Canister
Spring-wired helix hose covered with PVC

ALL HoverTech International Products are Latex-Free



HoverJack™ Patient Lift WARRANTY STATEMENT

The HoverJack™ patient lift and HoverTech International air supplies are warranted to be free from defects in materials and workmanship for (1) one year. Warranty begins on date of in-service by a HoverTech International representative or shipment date.

In the unlikely event that a problem arises as a result of a defect in materials or workmanship, we will promptly repair your item or replace it if we feel that it cannot be repaired – at our expense and discretion using current models or parts performing the equivalent function – upon receipt of the original item to our repair department. You must pre-notify HoverTech International by phone (see below). Item is to be insured by you against loss during transportation and must be shipped with transportation and/or broker charges prepaid. Should a HoverJack™ or motor be returned, which is not covered under warranty, there will be a minimum \$100 service charge plus shipping costs. Lead-time for repairs is approx. 2 weeks.

All products returned should be sent to:
HoverTech International
513 South Clewell St.
Bethlehem, PA 18015
Attn: Repair Dept.

Phone: 610-694-9600
Fax: 610-694-9601

This warranty is not an unconditional guarantee for the life of the product. Our warranty does not cover product damage that may result from use contrary to Manufacturer's instructions or specifications, misuse, abuse, tampering, or damage due to mishandling. Warranty specifically does not cover product damage that may result from using an air supply that produces more than 3.5 psi to inflate the HoverJack™. Equipment that has been neglected, improperly installed or maintained, repaired or altered by someone other than an authorized representative of Manufacturer, or operated in anyway contrary to the operating instructions, shall void this warranty.

This warranty does not cover normal "wear and tear". Component parts-particularly any optional equipment, valve caps, their attachments and cords will show wear with use

over time and eventually may need to be refurbished or replaced. This normal type of wear is not covered by our warranty, but we will provide prompt, high quality repair service and parts at a nominal cost.

HoverTech International's liability under this warranty and on any claim of any kind for any loss or damage arising out of, connected with, or resulting from the design, manufacture, sale, delivery, installation, repair or operation of its products, whether in contract or tort, including negligence, shall not exceed the purchase price paid for the product and upon expiration of the applicable warranty period, all such liability terminates. The remedies which this warranty provides are exclusive and HoverTech International shall not be liable for any incidental or consequential damages.

There are no warranties, express or implied, which extend beyond this warranty statement. The provisions of these warranty clauses are in lieu of all other warranties, expressed or implied, and of all other obligations or liabilities on HoverTech International's part and neither assumes nor authorizes any other person to assume for HoverTech International any other liability in connection with Manufacturer sale or lease of said products. HoverTech International makes no warranty of merchantability or fitness for a particular purpose. There is no warranty that the goods will be fit for a particular purpose. By accepting the goods, the buyer acknowledges that buyer has determined the goods are suitable for the buyer's purposes.

Manufacturer's specifications are subject to change.



FREQUENTLY ASKED QUESTIONS

1. Can you over inflate the HoverJack™ and cause it to burst?

No, not if you are using the HoverTech International Air Supply. The HoverJack™ has been tested under conditions that would “over-inflate” using this air supply.

2. If you open the red-capped valves, does the HoverJack™ deflate very quickly, causing it to be unstable and the patient to fall?

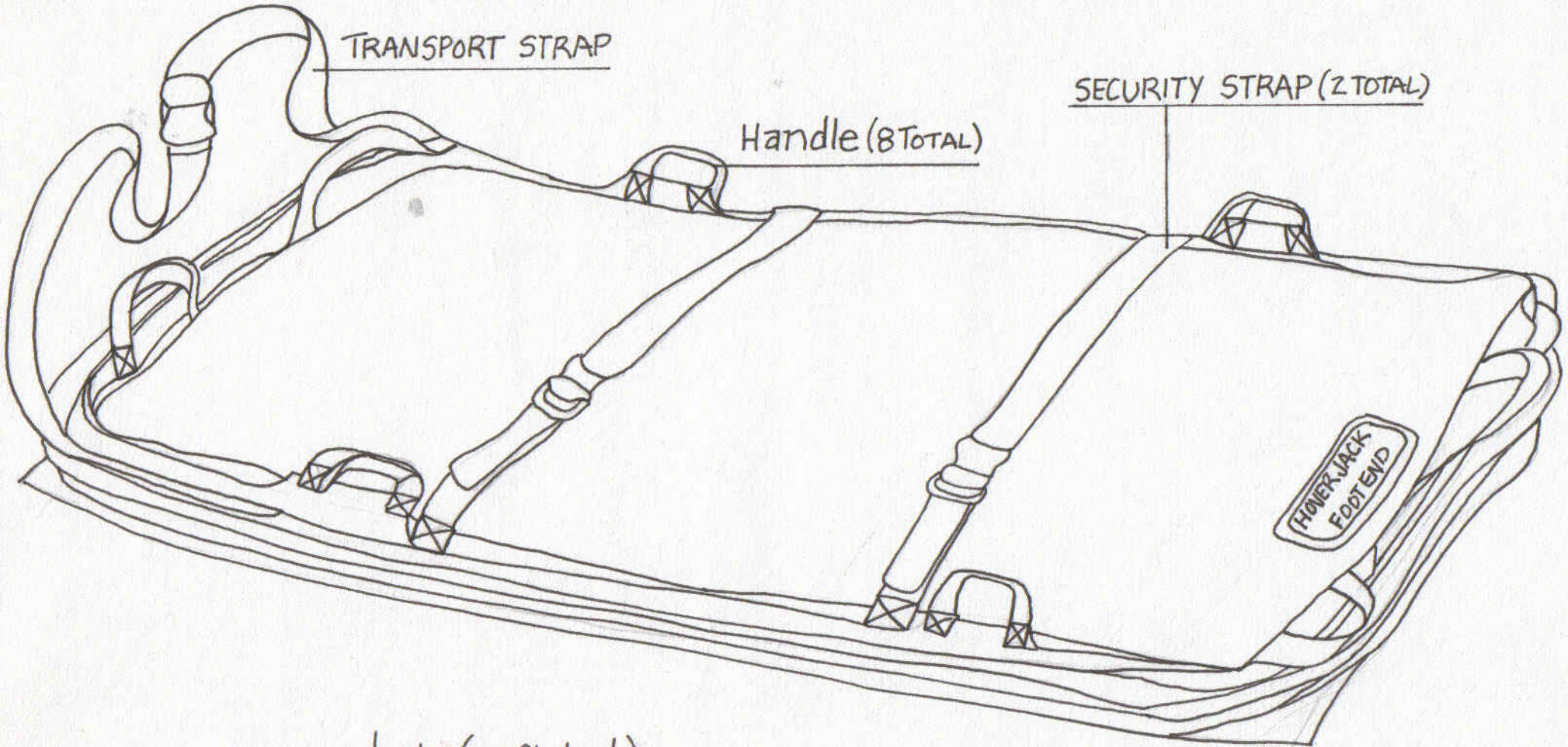
Yes, if you open the red-capped valves all at one time. However, opening the red-capped valves one at a time, beginning at the top, permits the HoverJack™ to deflate rather slowly, but steadily. The HoverJack™ remains stable when deflated properly.

3. If we want the HoverJack™ to lift the patient a moderate amount, do all of the chambers have to be inflated for it to be stable?

No. The HoverJack™ is made to be stable regardless of how many chambers are inflated. However, the chambers **MUST** be inflated from the floor up. In other words, do not inflate just chambers one and three.

4. Will the HoverJack™ lift a very heavy patient?

Yes. The HoverJack™ has been successfully tested under the weight of 1100 pounds. When lifting heavier patients, extra caution must be taken to center them properly on the HoverJack.



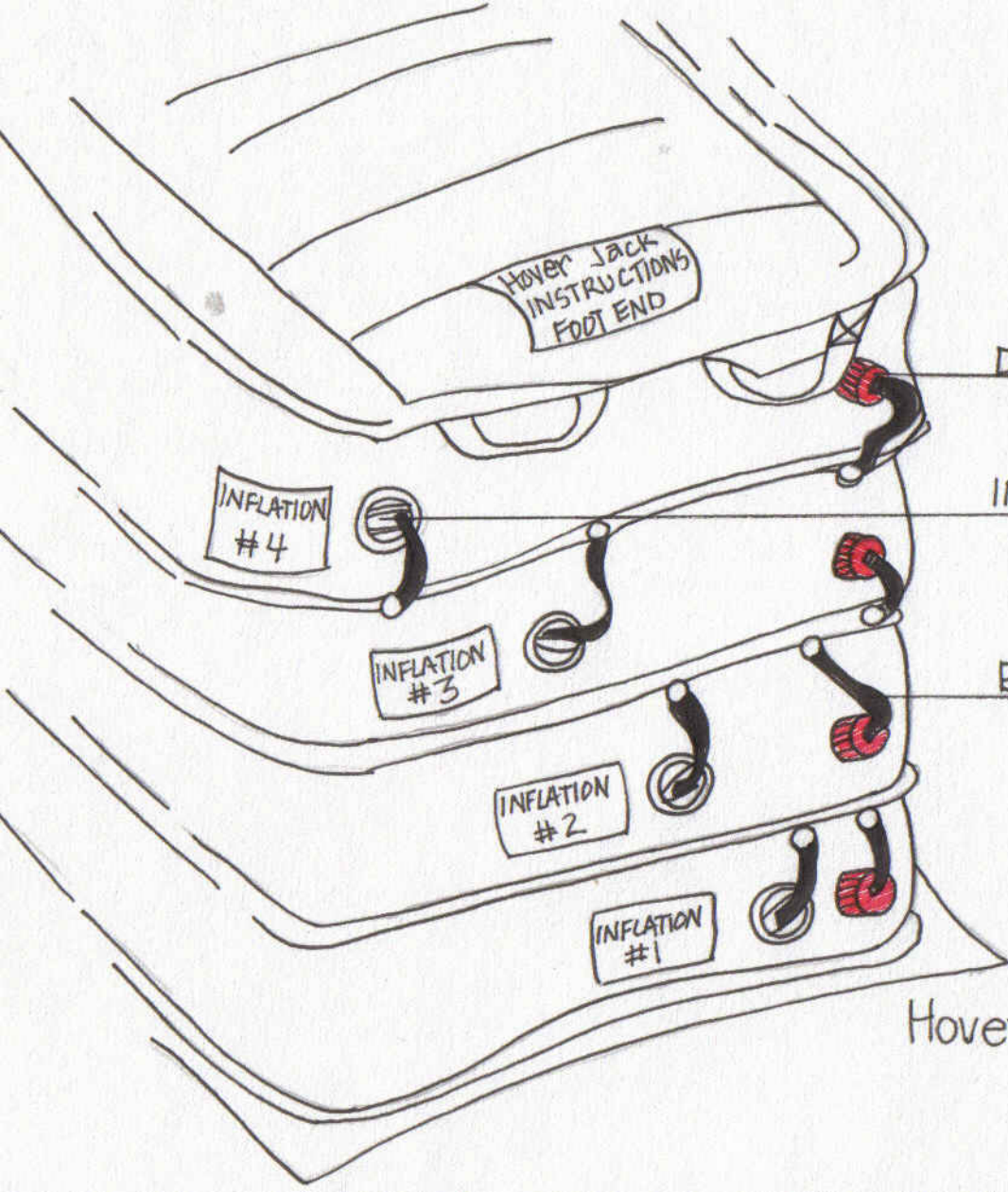
TRANSPORT STRAP

Handle (8 TOTAL)

SECURITY STRAP (2 TOTAL)

HOVER JACK
FOOT END

Hover Jack (deflated)



Hover Jack
INSTRUCTIONS
FOOT END

INFLATION
#4

INFLATION
#3

INFLATION
#2

INFLATION
#1

DEFLATE CAP (4 TOTAL)

INFLATE CAP (4 TOTAL)

ELASTIC STRAP (8 TOTAL)

Hover Jack (Inflated)