

Document Title		Addition of 600 lbs. Hook Check Capability			
Document #	Rev	Type	Reason	Recommendation	Original Release Date
ZSB-017	Original	Service Bulletin	Product Improvement	Optional	2016/09/06



Addition of 600 lbs. Hook Check Capability

ZGS-11443-1

(Manual & Electric RHGSE)



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Serving Helicopter Rescue Hoist Users Worldwide

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Purpose	Product Improvement	
Recommendation is Mandatory or Optional	Optional	

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Purpose: To advise users of the Manual & Electric Rescue Hoist Ground Support Equipment of a modification to provide the means to perform the hook check and apply tension to the last 10 feet of cable.

Reason: Zephyr was requested to provide the ability to apply a 600 lbs. load to the hoist hook in order to perform the hook test as required by one of the OEMS Operation and Maintenance Manuals. This has been added too new RHGSE units starting with S/N **M01290415** (Manual) **E00040715** (Electric)

Procedure:

Caution: Manual RHGSE Lifting Assembly **must be** removed from Upper Upright Bracket prior to wrapping the cable around the capstans or any cable conditioning being performed.

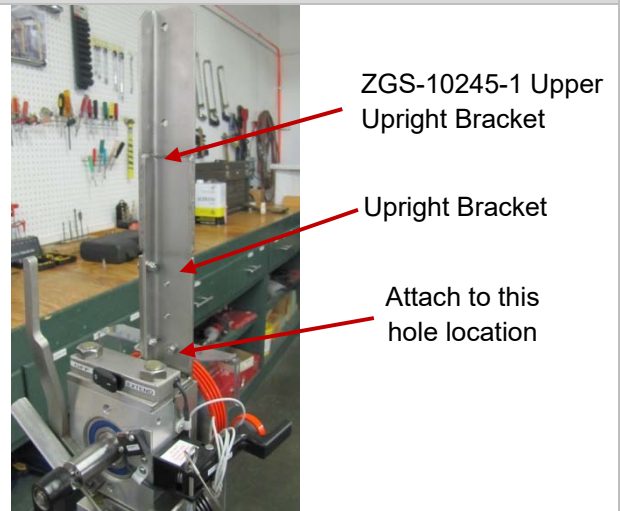
1 ZGS-11443-1 Manual RHGSE Lifting Assembly




Attach ZGS-10245-1 Upper Upright Bracket

2

Attach the Upper Upright Bracket to the inside of the Upright Bracket with the supplied (1) 1/4-20 x 3/4" long screw and locknut



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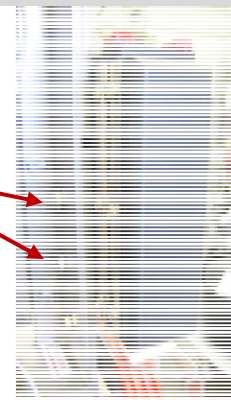
Attach Lubridryer

3



Lubridryer

Attach Lubridryer using the supplied hardware.



Attach Indicator Holder

4



Load Indicator Holder

Attach Load Indicator Holder using the supplied hardware.



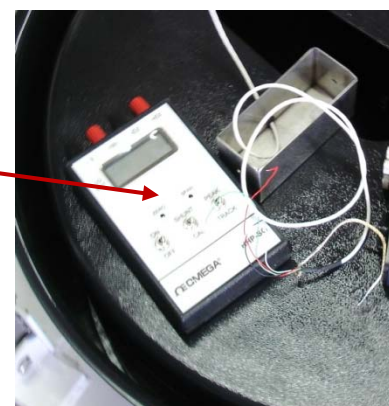
Load Cell Installation


5

Thread the load cell wire through the cap for the load indicator holder and press the small grommet into the hole in the cap. Install the supplied 9-volt battery. Attach the wires to the load cell indicator as follows:

- Red wire = + Ex on meter
- Black wire = - Ex on meter
- Green wire = + In on meter
- White wire = - In on meter

Load Cell Indicator



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6 Insert the load cell indicator into the holder. Wrap the excess wires up and stow them under the cover and install the two screws.



Load Cell Indicator Holder
Load Cell Indicator



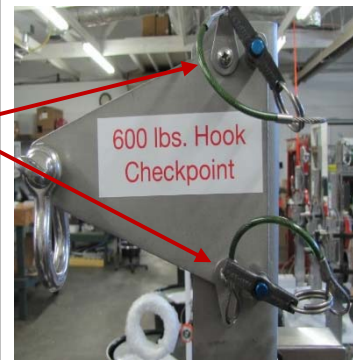
Attach ZGS-11443-1 Manual RHGSE Lifting Assembly

7




Attach into the two holes of the Upper Upright bracket using the Quick Release Pins.

Note: Upper Upright Bracket may



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Lift Manual RHGSE for Cable Hook Attachment Test

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Connect rescue hoist hook to ZGS-11443-1 Manual RHGSE Lifting Assembly.

Retract cable, lifting Manual RHGSE off the ground.

Manual RHGSE weight
600 lbs. / 272 kg.

Extend cable, lowering the Manual RHGSE to the ground.



Price / Availability: Contact Zephyr International for information