

Keeping Rescue Hoist Users Safe Worldwide



Products



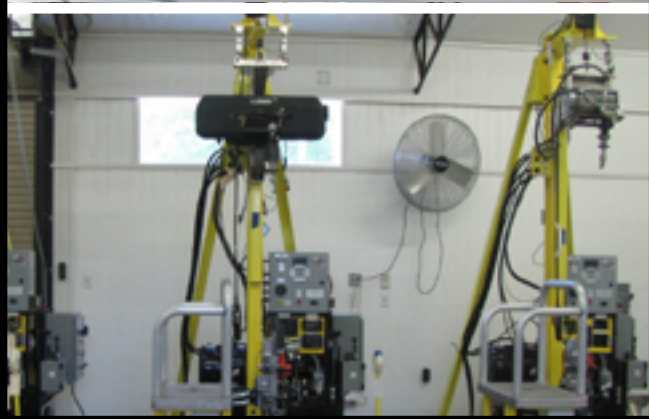
AxelCut™	3
QuickSplice™	3
E-Kit™	3
DarkLight G2™	4
E-Bag™	5
RHGSE & MagSens Technical Information	6

Rescue Hoist Ground Support Equipment

Hydraulic RHGSE	9
Electric RHGSE	11
Manual RHGSE	12
Magnetic Rescue Hoist Wire Rope Inspection System ..	13
Fixed Rescue Hoist Test Stands	14
Weight Stack	15

RHGSE Accessories

Protective Covers	16
RHGSE Maintenance Kit	17
Work Platform for Hydraulic RHGSE	18



5015 Enoch Road, Conway SC 29526

Phone: (843) 365-2675

Fax: (843) 365-2677

Email: info@zephyrintl.com

Website: www.zephyrintl.com

The AxelCut™



**The AxelCut is the ONLY
one handed rescue hoist
cable cutter available
worldwide.**

**Totally independent
of the rescue hoist
and aircraft system.**

**The right tool for the job is a necessity
not an accessory.**

PN: ZL-1000-1 AxelCut™

NSN: 5110-01-521-1998

AxelCut™ Emergency Cable Cutter

- › True one handed cutting capability for airborne hoist cables.
- › Light weight, cuts clean, fast and easy and allows for repeated cutting capability.
- › Reduces life cycle costs, less expensive than hoist squib and refire kits.
- › Permits hoist installed squib to be used as the backup cable cutter.
- › Solves the reliability problem with existing cutters, eliminating inadvertent releases, and no-fire possibility.
- › Unaffected by EMI, lightning or any other possible hoist system failures.
- › Qualified to +160°F(+71°C), -40°F(-40°C), Salt Fog, and Endurance

PN: ZL-6000-3

NSN: 4030-01-600-6137

QuickSplice™ with Slide Lock Hook



Allows a fast and safe method of attaching a rescue hook when all else fails, allowing the mission to be completed!
The QuickSplice is intended to replace the rescue hook if the cable becomes entangled and must be cut, or if the cable breaks. The QuickSplice has been tested to hold loads up to 2500 lbs. (1133.98 kg)

PN: ZL-1100-1

NSN: 1560-01-543-3257

E-Kit™



The E-Kit contains the AxelCut and QuickSplice mounted on a back plate, which allows for the equipment to be mounted on the aircraft for easy access when needed.

The DarkLight G2™



PN: ZRG-7000-1 NSN: Not Assigned

DarkLight G2G

(For use with most Goodrich Style Hooks; not for use with the EC145 or EC135 and Lakota Installations)

Weight: 1.10 lbs. (0.50 kg)
Height: 1.25 in. (3.18 cm)
Width: 6.06 in. (16.76 cm)



PN: ZRG-6000-1 NSN: Not Assigned

DarkLight G2B

(For use with Breeze Style Hooks)

Weight: 1 lb. (0.45 kg)
Height: 1.25 in. (3.18 cm)
Width: 5.20 in. (13.20 cm)



- › **Never lose sight of the end of the cable!**
- › **NO airworthiness certification required!**
- › **NO hook disassembly!**
- › **Easy to install on hook and to change battery!**

The DarkLight G2 is an LED device used to illuminate the hook assembly to enhance your rescue hoist mission during low visibility or night operations. It is equipped with green and red LEDs to be used for increased hook visibility and signaling, as well as IR compatible infrared LEDs to be used in covert operations. No airworthiness certification is required.

The DarkLight G2 is designed for easy installation and maintenance. The device hinges open and utilizes a captured spring loaded latch pin. It can be installed and removed in just seconds with no hook disassembly.

The body of the DarkLight G2 is constructed of impact resistant polycarbonate and constructed to be dust and water resistant. The device is operated by a single push button design making operation simple. The button is located on the bottom of the device and is powered by a single CR123A lithium battery providing 30+ hours of battery life.

Regardless of weather conditions, the DarkLight G2 is ideal for improving visibility during rescue hoist missions. The Darklight G2 can be a simple and effective method of signaling between ground crew and hoist operators.

The E-Bag™

Enhance visibility and safety during rescue hoist operations!

Be prepared for your next rescue operation.

Before your mission, quickly and easily install the DarkLight for increased visibility of the end of the cable. During your hoist operation if your hoist cable becomes entangled with the AxelCut and QuickSplice on hand, you will be have the capability to easily and quickly cut the cable, attach the emergency hook, and complete your rescue mission!



Store your Zephyr emergency tools the AxelCut, QuickSplice, and DarkLight all in a corrosion control Emergency Bag. Hang the E-Bag in your hanger in order to have your tools ready to pick up and go when the need arises. Store the E-Bag where there is available space in the helicopter cabin. The DarkLight can be easily installed and removed in just seconds with no hook disassembly. No airworthiness certification is required since none of the tools are permanently attached to the helicopter.

ZL-1051-2 E-Bag Kit NSN: Not Assigned

Contains AxelCut, QuickSplice with Slide Lok Hook, and DarkLight G2B for use with Breeze Style Hooks.



ZL-1051-3 E-Bag Kit NSN: Not Assigned

Contains AxelCut, QuickSplice with Slide Lok Hook, and DarkLight G2G for use with most Goodrich Style Hooks; not for use with the EC145 or EC135 and Lakota Installations.



ZL-1051-1 E-Bag Kit NSN: Not Assigned

Contains AxelCut, and QuickSplice with Slide Lock Hooks.



ZL-1051-4 E-Bag Kit NSN: Not Assigned

Contains AxelCut and DarkLight G2B for use with Breeze Style Hooks.



ZL-1051-5 E-Bag Kit NSN: Not Assigned

Contains AxelCut and DarkLight G2G for use with most Goodrich Style Hooks; not for use with the EC145 or EC135 and Lakota Installations.



For further details and demo videos please visit our website www.zephyrintl.com

or email us at info@zephyrintl.com.

RHGSE & MagSens Technical Information

Cable condition is critical to the success of the mission!

Zephyr International LLC offers different types of RHGSE for maintaining rescue hoists with or without our Magnetic Rescue Hoist Wire Rope Inspection System (MagSens™). These systems are in use servicing rescue hoists worldwide. Helicopter rescue hoists use tension rollers to keep their cable tight on the drum. The tension rollers are driven to keep the cable under tension on the drum with a scrub roller or positive contact roller. The tensioning device relies on physical contact with the cable.

Historically hoist failures occur when the hoist is run under no load and the cable gets loose on the drum and fouls the rescue hoist mechanism. Because the tensioning systems that are in use today only provide approximately 7 to 20 lbs. (3.18 to 9.07 kg) of force on the cable, it can easily be overcome and the cable loosens up on the drum. This normally will not happen in flight but happens with regularity when the hoist is operated on the ground during inspections and maintenance.

If the cable mis-wraps on the lower layers when winding and the operator does not see the mis-wrap, the cable can foul in flight putting the crew and the mission in jeopardy. Consequently, the damage can cost thousands of dollars to repair and significant down time. The RHGSE has demonstrated itself to the customer to be a cost effective and safety tool when tensioning, cleaning, lubricating, drying, inspecting the hoist cable after each mission and/or at hoist and cable maintenance intervals. While performing these maintenance tasks by one trained technician. All of our RHGSE models work with any rescue hoist available in the market today. The hoist cable should be stored tight on the drum at all times. The hoist OEMs require reseating the cable at regular intervals. Before the introduction of the Zephyr RHGSE, this could only be performed by flying the helicopter while slinging a heavy load. The RHGSE addresses and/or solves issues for hoist maintainers:

- › Prevents cable fouling during hoist maintenance by applying positive tension on the cable at all times.
- › Prevents hoist drum and cable corrosion, by maintaining the cable and hoist mechanism in good working order by cleaning, drying and lubricating the cable.
- › Prevents cable damage during load tests.
- › Prevents cable corrosion from salt water residuals.
- › Eliminates cable kinking risk by keeping the cable off the ground and in a protective enclosure during hoist maintenance.
- › Eliminates unnecessary cable handling risk, human hands do not need to touch the cable as it is wound inside a tub to be cleaned. This protects the maintainer's hands and avoids any possibility of getting the hands entangled in the cable.
- › Allows users to maintain the hoist and cable out of harsh weather conditions.
- › Allows one person to perform all inspections and maintenance in a minimum amount of time.
- › Allows the inspections to be performed with the hook and bearing attached to the cable.
- › Allows easier installation of new cables and conditions them rapidly.
- › Allows reseating the cable without having to fly the helicopter.
- › Allows users to maintain the hoist and cable in confined spaces, no longer will the cable have to be unreeled onto the hangar floor which can lead to the cable collecting excess dirt and grime.
- › Allows users to maintain the hoist and cable in a safe zone out of harm's way.
- › Finds external and internal cable damage quickly and efficiently.



For further details and demo videos please visit our website www.zephyrintl.com

or email us at info@zephyrintl.com.

RHGSE & MagSens Technical Information

- › Measures and provides a record of the cables' physical condition over its installed life.
- › Provides a cost efficient Quality Control tool that documents the condition of the cable before the rescue hoist leaves the factory, leaves the hanger, or leaves the ground.
- › Identifies cable anomalies quickly and efficiently to prevent failure of the cable in flight.
- › Saves on fuel costs, blade time, and manpower by applying load over the entire length of wire rope on the rescue hoist drum as it retracts the wire rope with the aircraft on the ground. The full load tension is easily adjustable
- › Prevents costly damage during ground inspections and maintenance.
- › Pays for itself quickly in savings from maintenance time, helicopter flight time, and hoist repairs, and cable costs.

The RHGSE has demonstrated itself to the customer by enhancing mission performance, decreasing costs, and increasing safety. It is easily transported by one person, forklift or tug.

The load is adjustable via two simple adjustments. The cable is always under tension when it is extending or sitting idle and can be subjected to full rated load when the rescue hoist retracts it on to the drum. The cable is collected in a powered rotating drum. The rotating drum allows the cable to spool in a manner so that no twist is induced. This storage method does not put any external forces into the cable as it is stored in the drum.

This eliminates the need for multiple personnel to hold the cable off the ground during inspections. The Rotatub also insures the cable is not kinked or otherwise damaged during rewind onto the hoist on the aircraft. The RHGSE will accommodate any installed rescue hook, hand wheel, crushable bumper or all three if they are attached to the end of the cable, and will accommodate up to 300 feet of cable. In the event the hoist has been used over the sea or a dusty environment, the drum is filled with water to clean off the salt deposits, dirt, and dust.

The Lubridryer has a shut-off valve so you can change it to lubricate the cable or shut off the lubrication for degreased cables. To desalinate the cable the Rotatub is filled with fresh water and the compressed air dries the cable as it comes out of the Lubridryer. By keeping the cable dry, and clean, hoist corrosion problems can be controlled.



Rotatub accommodates any hook assembly.



Lubridryer cleans, dries, and lubricates the cable.



Cleans salt deposits, dirt, and dust off the cable.

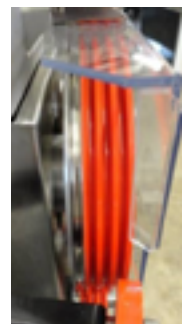
Theory of Operation:

The Zephyr RHGSE uses a dual capstan tensioning system to maintain tension in the cable when extending and applies loads adjustable to 600 lbs. (272.15 kg) on the cable as it is retracted back into the rescue hoist. The dual capstan drive is timed to match the rotation of a take up drum.

The (optional) Four Groove Capstans use a stainless steel first groove to take the heavy loads and the remaining three urethane grooves provide the grip to develop the load.



Optional Four Groove Capstan



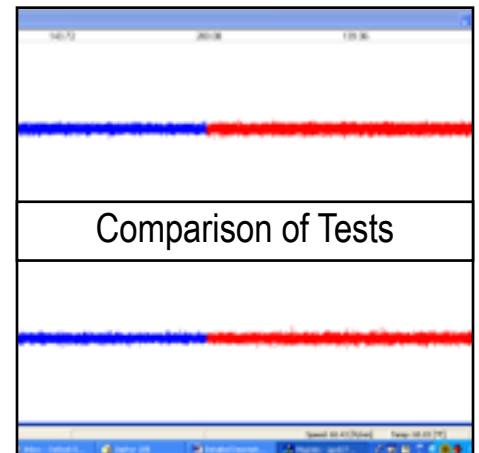
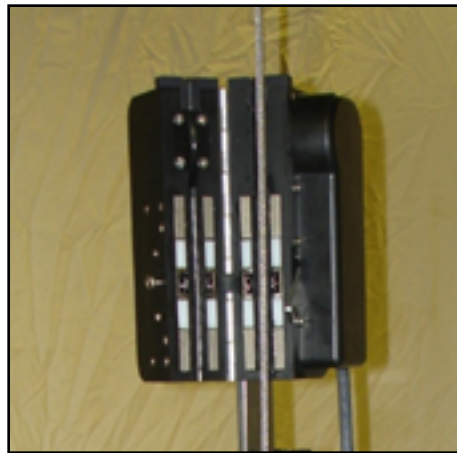
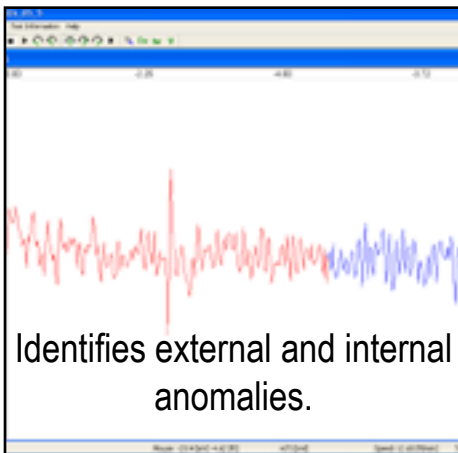
RHGSE & MagSens Technical Information

Using magnetic sensors, the Zephyr RHGSE with the MagSens can detect flaws and anomalies in the cable quickly, efficiently, and record their location. This information is stored on a dedicated laptop supplied with the system.

The software records the rescue hoist identification, the date of the test, the results of the test, the amount of cable that was run, and the magnetic signature of the cable for future reference and comparison. The MagSens provides a baseline of the cable when it is installed and then can compare the cable condition during future inspections. The data files are small so this information may be downloaded to a central location via the internet for users with remote bases. The cable can be inspected upon the first extension of the hoist. If defects are found, the cable can be replaced without lost time or effort. If a fault is detected, the operator can reverse the direction of the cable and make a closer visual inspection. A database of faults has been collected, and interpretation guide is provided with each system.

The RHGSE in conjunction with the Magnetic Inspection System (MagSens) is an effective operational ready combination. There is no other way currently today that the cable inspections can be performed effectively and efficiently by humans.

MagSens Head



- › Provides objective evidence of the cable inspection, which can reduce warranty claims and protects all stockholders.
- › Inspects all 133 wires of the cable electromagnetically internally and externally during ground maintenance.
- › Provides the capability to measure and record the condition of the cable using a proven technology adapted for the purpose of rescue hoist cable inspection.
- › Provides real time HUMS for the cable.
- › Provides comparison data to monitor the life and serviceability of the cable.
- › Identifies external and internal broken wires.
- › Identifies external and internal cut or broken strands.
- › Identifies external and internal cable corrosion.
- › Identifies external and internal manufacturing welded wires.
- › Identifies external static discharge.
- › Identifies internal damage due to drum turnaround.
- › Identifies internal dynamic overloads to the cable.
- › Identifies internal severe pitting and crushing.



Hydraulic RHGSE

Maximum load retracting: 600 lbs. / 272.15 kg
Minimum load retracting: 10 lbs. / 4.53 kg
Maximum load extending: 200 lbs. / 90.71 kg
Maximum speed extending and retracting: 350 FPM / 107 MPM
Maximum length cable: 300 ft. / 91.44 m

Standard

Cable tensioning, cleaning, lubricating, and desalination system standard.

Onboard compressor for drying the cable standard.

Fully automatic onboard battery charging system standard.

Fully sealed Advanced Glass Mat lead acid battery system- air transportable standard.

24 Volts Electro-hydraulic drive

Uses Mil-H-83282 or Mil-H-5606 hydraulic fluid

Load Indicator

Length Indicator

Speed Indicator

Voltage Meter

Three Groove Capstans

External Power Supply Adapter

600 lbs Hook Check Capability

Cable Reel Adapter

Optional

MagSens

Four Groove Capstans

Customized Guards

Work Platform

Protective Cover

RHGSE Maintenance Kit

Ski Kit



Dimensional data:

Length: 48 in. / 121.92 cm

Width: 36 in. / 91.44 cm

Height – 60 in. / 152.40 cm

(Can be configured to 48 in. / 121.92 cm for transport inside the helicopter)

Weight: 800lbs / 364kg





ZGS-10000-5 NSN: 1730-01-573-2486
Mobile Hydraulic RHGSE with Three Groove
Capstans and MagSens.

ZGS-10000-5-1 NSN: 4920-01-577-1794
Mobile Hydraulic RHGSE with Three Groove
Capstans (Does not include MagSens).

ZGS-10000-5-5 NSN: Not Assigned
Mobile Hydraulic RHGSE with Four Groove
Capstans (Does not include MagSens).

ZGS-10000-7 NSN: Not Assigned
Mobile Hydraulic RHGSE with Four Groove
Capstans and MagSens.



ZGS-10000-8 NSN: Not Assigned
Powered Hydraulic RHGSE with Three Groove
Capstans and MagSens.

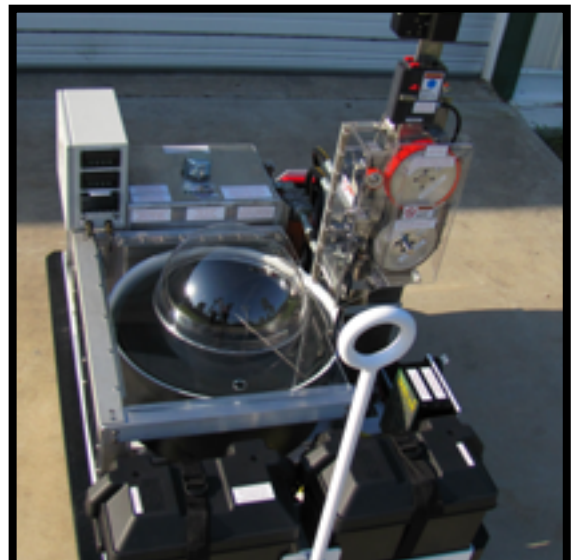
ZGS-10000-8-1 NSN: Not Assigned
Powered Hydraulic RHGSE with Three Groove
Capstans (Does not include MagSens).



ZGS-10000-10 NSN: Not Assigned
Mobile Hydraulic RHGSE with Four Groove Capstans,
Work Platform, and MagSens.

ZGS-10000-10-1 NSN: Not Assigned
Mobile Hydraulic RHGSE with Four Groove Capstans and
Work Platform (Does not include MagSens).

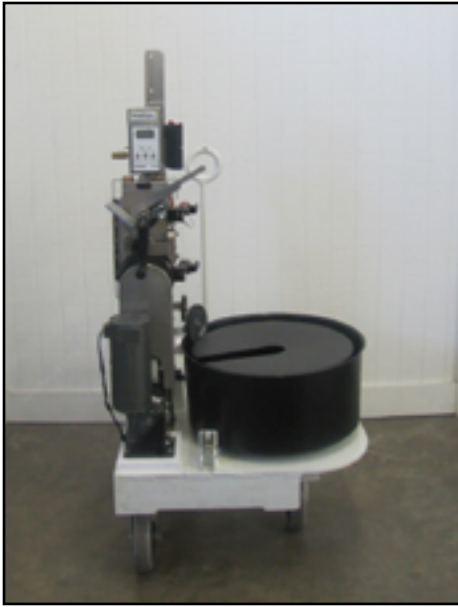
ZGS-10000-5-2 NSN: Not Assigned
Mobile Hydraulic RHGSE with the Three Groove Capstans
and Work Platform (Does not include MagSens).



ZGS-10000-9 NSN: Not Assigned
Enclosed Mobile Hydraulic RHGSE with Three
Groove Capstans and the MagSens.

ZGS-10000-5-4 NSN: Not Assigned
Enclosed Mobile Hydraulic RHGSE with Three
Groove Capstans (Does not include MagSens).

Electric RHGSE



ZGS-11300-1 NSN: Not Assigned
Mobile Electric RHGSE with Three Groove Capstans (Does not include MagSens).

ZGS-11300-2 NSN: Not Assigned
Mobile Electric RHGSE with Three Groove and MagSens.

ZGS-11300-3 NSN: Not Assigned
Mobile Electric RHGSE with Four Groove Capstans (Does not include MagSens).

ZGS-11300-4 NSN: Not Assigned
Mobile Electric RHGSE with Four Groove Capstans with MagSens.

Optional MagSens

The Electric RHGSE is built upon the Manual RHGSE the new design incorporates an electric motor to extend the cable instead of requiring the operator to crank the handle to extend the cable. The design is such that the manual crank handle is retained so that the tool can be used on the flight line in the manual mode. This version provides great versatility and simplicity to the user. The Electric RHGSE will extend the rescue hoist cable at loads in excess of 25 lbs. / 11.4 kg. and allows the retracting of the cable with loads up to the rated load of the rescue hoist. The electrical power required is 110 VAC up to 10 amps or 220 VAC up to 5 amps. The operator attaches the rescue hoist cable and then just actuates the switch and the system is ready to extend the entire length of cable, then the operator engages the clutch system and the cable can be retracted while the load is displayed on the digital readout. The system includes the ability to wash, dry, and lubricate the cable and is compatible with the MagSens rescue hoist cable inspection system.

Maximum load retracting:
600 lbs. / 272.15 kg

Minimum load retracting:
10 lbs. / 4.54 kg

Maximum load extending:
50 lbs. / 22.67 kg

Maximum speed:
unlimited

Maximum length cable:
300 ft. / 91.44 m

Input Power:
110 VAC 6 amps
220 VAC 3 amps

Dimensional Data:
Length: 28 in. / 71.12cm
Width: 33 in. / 83.82 cm
Height: 52 in. / 132.08 cm
Weight: 600 lbs. / 272.16 kg.

Standard
Load Indicator
Three groove capstans
Connection for adding shop compressed air
Cable tensioning, cleaning, lubricating, and desalination system
600 lbs Hook Check Capability
Cable Reel Adapter
Optional
MagSens
Four Groove Capstans
Protective Cover
RHGSE Maintenance Kit



Manual RHGSE

ZGS-11000-4 NSN: Not Assigned

Mobile Manual RHGSE with the MagSens.

ZGS-11000-2 (v2) NSN: 3950-01-580-0783

Mobile Manual RHGSE (Does not include MagSens.)

Maximum load retracting:

600 lbs. / 272.15 kg

Minimum load retracting:

10 lbs. / 4.54 kg

Maximum load extending:

20 lbs. / 9.07 kg

Maximum speed:

unlimited

Maximum length cable:

300 ft. / 91.44 m

Dimensional Data:

Length: 28 in. / 71.12 cm

Width: 33 in. / 83.82 cm

Height: 52 in. / 132.08 cm

Weight: 580 lbs. / 263.08 kg

Standard

Load Indicator

Three Groove Capstans

Connection for adding shop compressed air.

Cable tensioning, cleaning, lubricating, and desalination system.

600 lbs Hook Check Capability.

Cable Reel Adapter

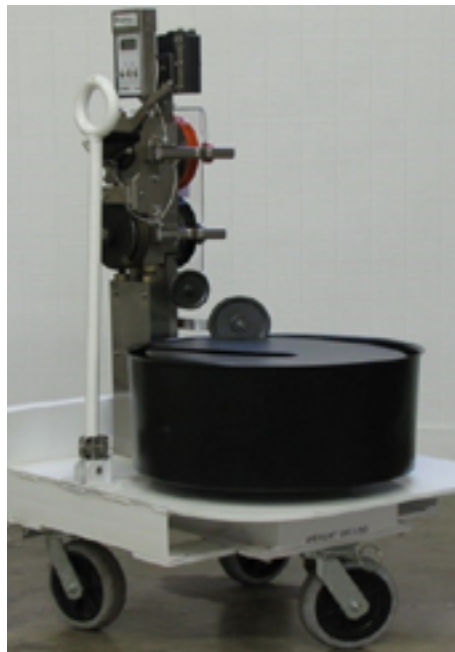
Optional

MagSens

Four Groove Capstans

Protective Cover

RHGSE Maintenance Kit



For further details and demo videos please visit our website www.zephyrintl.com

or email us at info@zephyrintl.com.

Magnetic Inspection System

(MagSens™)

ZGS-15000-3 NSN: 3950-01-580-1775

Magnetic flux leakage cable inspection can identify defects such as broken wires, severe abrasion, necking down, heat damage, corrosion, and internal damage in the cable quickly and efficiently by one person in a confined space.

Zephyr International LLC has developed the only inspection system for rescue hoist cable. The MagSens system provides the rescue hoist maintainer the capability to measure and record locations of defects in the rescue hoist cable and provides a permanent record of the cables structural integrity.

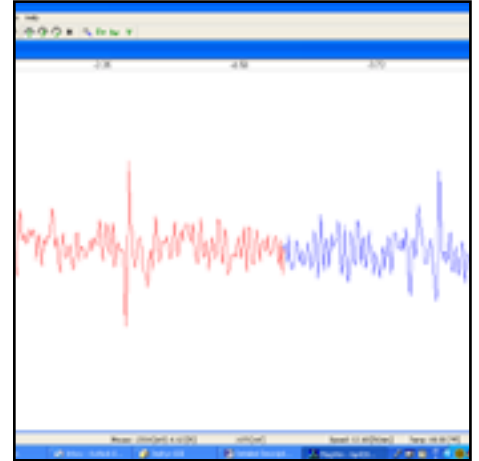
MagSens gives the capability to:

- › Detect damage that may occur as a result of the rescue hoist usage in a minimum amount of time.
- › Eliminate unnecessary replacement of the cables until required.
- › Provide objective evidence that the cable was in an acceptable condition before the mission.
- › Track the effects of the helicopter and hoist operation and maintenance techniques upon the rescue hoist cable physical condition over time.

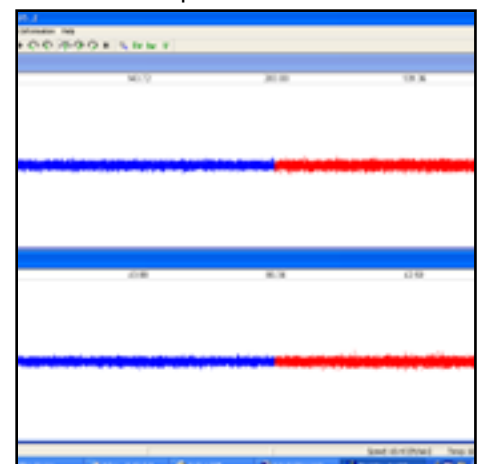
The dedicated laptop records the results of the inspections. The software records the rescue hoist identification, the date of the test, the results of the test, the amount of cable that was run, and the magnetic signature of the wire rope for future references. MagSens also provides a baseline of the cable's condition when it is installed which can then be used during future inspections for comparisons.

The data files are small so this information may be downloaded to a central location via the internet for users with remote bases.

Identifies external and internal anomalies.



Comparison of Tests



For further details and demo videos please visit our website www.zephyrintl.com

or email us at info@zephyrintl.com.

Rescue Hoist Test Stands

Take Control of your repairs, down time, costs, and operational readiness of your hoists!

Customized to meet the customer's maintenance requirements.

ZGS-12000-X

Rescue Hoist Test Stand for Intermediate Level Maintenance to work in conjunction with your existing Hydraulic RHGSE.

(Your current Hydraulic RHGSE may need to be upgraded.)

ZGS-16000-X

Complete Rescue Hoist Ground Support Test Stand.

Intermediate Level Maintenance comes with a Hydraulic RHGSE or
Depot Level Maintenance Stand comes with an attached Take Up Assembly.

Optional MagSens



Maximum Loads: 600 lbs. / 272.16 kg
extending and retracting at any speed up
to 1800 lbs. / 816.47 kg static load.



Input Power Display
Flow and Pressure Displays
Voltage and Current Output Power
Displays
Speed and Load Displays

Weight Stack



Shown is ZGS-11468-1



Shown is ZGS-11468-2

Weight Configurations



Approximately 71 lbs.



Approximately 160 lbs.



Approximately 294 lbs.



Approximately 608 lbs.

ZGS-11468-1 NSN: Not Assigned

Fixed Weight Stack Assembly
(Fixed 600 lbs)

ZGS-11468-2 NSN: Not Assigned

Adjustable Weight Stack Assembly
includes four weight adjustments
between 80 lbs. (36.29kg) and
600 lbs. (272.16kg).

ZGS-11468-3 Only Spacers

Three Adjustable Weight Spacers,
between 80 lbs. (36.29kg) and
600 lbs. (272.16kg), for use with
ZGS-11468-1 Fixed Weight Stack
Assembly to obtain four different
weight stack configurations as shown.



The adjustable weight stack is used to apply loads between 80lbs. (36.29kg) and 600lbs. (272.16kg), to the hoist via the cable to meet the Hoist OEM's requirement for checking the hoist and allowing all the twist to work its way out of the cable. The fixed weight stack is used to only apply a 600lbs. load (272.16kg).

Both have a shock absorbing cable attachment point to protect the cable from shock loads inherent in the process required by the Hoist OEM's. It also has a trolley that can be used on the tarmac or other rough surfaces for easier maneuvering. It can be disassembled and moved by hand one weight at a time for transportation, deployments, or shipboard use.

For further details and demo videos please visit our website www.zephyrintl.com

or email us at info@zephyrintl.com.

Protective Covers

ZGS-10487-2 NSN: Not Assigned

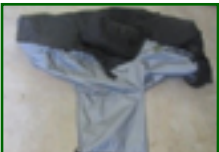
Used on the Zephyr Hydraulic RHGSE without the Work Platform.
(Top only, color black)

ZGS-10487-3 NSN: Not Assigned

Used on the Zephyr Hydraulic RHGSE with or without the Work Platform.
(Top only, color black)

ZGS-11380-2 NSN: Not Assigned

Protective Cover for use on the Zephyr Manual and Electric RHGSE.
(Top only, color black)



The one-piece top protective cover is designed to protect assets from moisture based corrosion, sand, dust, microbe contaminates, salt, sulfur-based pollutants, ultraviolet light degradation, and creation of microclimates under a cover that amplifies corrosion. The cover is soldier friendly to assure use and protection. This is defined as lightweight, packable, easily installed and removed in all weather extremes, field repairable and cleanable with soap and water.

RHGSE Maintenance Kits

ZMT-100-1 NSN: Not Assigned

ZT-029-00 Zephyr Capstan Measurement Fixture

7/16 Combination Wrench

5/32 T-handle Key Wrench



Torque Gauge

Push/Pull Linear Scale.



3 Groove Capstans



4 Groove Capstans



5 Groove Capstans

The ZMT-100-1 RHGSE Maintenance Kit contains:

- › ZT-029-00 Zephyr Capstan Measurement Fixture with pins used for measuring: 3 Groove, 4 Groove, and 5 Groove Capstans.
- › Torque Gauge
- › 7/16 Combination Wrench
- › 5/32 T-handle Key Wrench
- › Push/Pull Linear Scale.



The ZMT-100-0 RHGSE Maintenance Kit contains:

- › Push / Pull Gauge
- › Micrometer
- › Pins

Micrometer
Push / Pull Gauge
Pins



The purpose of the **RHGSE Maintenance Kit** is to readily have on hand the special tools needed to perform the tasks of measuring the capstans and adjusting the clutch drum to the Zephyr RHGSE. Following the recommendations of preventative maintenance to the Zephyr RHGSE will keep the RHGSE in the best operating condition possible and will extend the life of the Zephyr RHGSE. The Zephyr RHGSE is the perfect equipment for you to use when maintaining your hoist cable and giving you the capability to perform preventative maintenance of your hoist easily and cost effectively.

Hydraulic RHGSE Work Platform



ZGS-10457-1 NSN: Not Assigned

The work platform is for use only with the Hydraulic RHGSE and was designed after it was observed that many hoist maintainers were standing on the hydraulic oil tank of the RHGSE, in order to reach the rescue hoist. The work platform was developed to allow the RHGSE to double as a working platform to work on the rescue hoist. It is a retrofitable kit that only requires match drilling four holes and the assembling of the platform to the RHGSE. The height of the platform allows easy access to external hoists on medium-lift helicopters such as the UH60, NH90, S92, Bell-412 and similar size helicopters.