


Document Title		Zephyr RHGSE Limitations				
Document #	Rev	Type	Reason	Recommendation	Original Release Date	
ZSB-025	Original	Service Bulletin	Clarification	Informational - IMPORTANT	April 3, 2019	

Zephyr RHGSE Limitations



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Serving Helicopter Rescue Hoist Users Worldwide

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Purpose: The purpose of this service bulletin is to caution users of cable twisting with repeated use at 600lbs.

 CAUTION

Limitation Caution During Regular Operations

During regular cable maintenance using the RHGSE with a cable load up to a 600 lbs. (272.15kg) load is possible. However, the RHGSE should not be used repeatedly at 600 lbs. (272.15kg) without relieving the twist from the cable by extended the cable in flight, because it can add a twist the cable. The maximum sustained load should not be above 300 lbs. (136.08kg) for repetitive evolutions.

 CAUTION

Limitation Caution During Cable Pre-conditioning

During cable pre-conditioning the RHGSE should be used with loads up to no more than 300 lbs. (136.08kg) . Then the cable should be extended in flight and retracted with 200 lbs. (90.71kg) maximum, to allow the cable to relieve the twist imparted during the process of acclimating the cable to the Hoist Brake Drum.

 CAUTION

Do not operate the RHGSE with a new cable more than three evolutions before relieving the twist from the cable by extended the cable in flight; otherwise, the cable will acquire additional twisting and damage to the equipment and cable can occur.

