
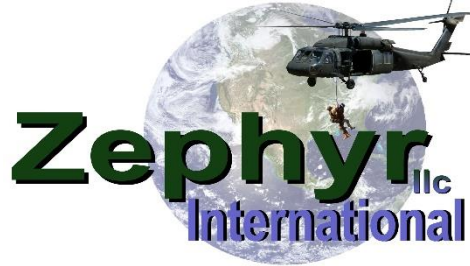


Document Title		Description				
Document #	Rev	Type	Reason	Recommendation	Original Release Date	
ZSB-032	Original	Service Bulletin	Reliability	Mandatory	7-27-2022	

Service Life Extension of Molded Components



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Keeping Helicopter Rescue Hoist Users Safe Worldwide

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Purpose: The purpose of this service bulletin is to advise users of the Zephyr Rescue Hoist Ground Support Equipment that the Service Life of the Capstans, Exit Roller and Encoder Drive Wheel has been extended from five years to seven years

Scope: The Service Life Extension applies to all Zephyr Rescue Hoist Ground Support Equipment.

Detailed Description: The manufacturer of the molded urethane has issued a letter to Zephyr International LLC granting a seven-year service life for the molded urethane. The following is taken from their letter.

Shelf Life:

A shelf life of 7 years can be expected from ML6 when stored in the following conditions:

Temperature: 59°F-77°F (15°C - 25°C)

Humidity: <65% RH

UV Exposure: UV exposure should be eliminated with opaque packaging that is not a plastic material. A paper-based product is recommended for any packaging material that will contact the surface of the ML6 for extended storage times. Storing in plastic bags is not advised.

Service Life:

Service life of ML6 varies greatly due to the wide variety of applications that it is designed for. However, two things can greatly reduce the chance for premature wear:

Eliminate Slip: ML6 is a high friction material. Any material that slips on its surface will cause friction and heat. This will greatly reduce the service life of ML6.

Surface Finish: In order to maintain the high friction, and high precision surface finish, the surface of ML6 should be kept clean and free of errant pieces of material. The surface of ML6 can be cleaned with nearly any type of cleaner, but a small amount of MEK or acetone is recommended

Conclusion: The user's maintenance records are to be updated to enter the above service life limit of seven years into the records.

Please Note: The Capstan are still a wear item. Wear beyond published limits still requires replacement of the Capstans.

Price and Availability: There is no Price and availability impact from this service life extension.