



## Instructions for Sky Genie Restraint Lanyards and Shock-Absorbing Lanyards (LS-0S-13, LS-2S-24, LS-2S-36, LS-2S-48, LS-2S-72, LS-Y-36, LS-Y-72)

### **⚠️ WARNING** FAILURE TO FOLLOW ALL INSTRUCTIONS COULD LEAD TO SERIOUS INJURY OR DEATH!

It is imperative that all of the manufacturer's instructions be provided to the user. The user must read and fully understand all instructions before attempting to use this equipment.

These instructions are intended to meet the Manufacturer's Instructions as required by ANSI Z359.1 **Equipment must not be installed, operated or inspected by anyone who does not understand this Owner's Manual.** Failure to observe these instructions could result in serious injury or death. **Proper storage and maintenance is required of to maintain the equipment's durability.** When not in use, store equipment out of direct sunlight in a cool, dry place where it will not be affected by heat, excessive moisture, or chemical vapors. **Avoid exposure to chemicals which may produce a harmful effect; consult a Sky Genie representative if you have any doubt.** Combinations of components or subsystems which may affect or interfere with the safe function of each other can result in injury or death. **Alterations to equipment or misuse of equipment could result in injury or death.** Avoid using the equipment around moving machinery and electrical hazards. Employers are to provide a plan entailing means of rescue and evacuation should a fall occur and provide the means at hand to implement it. **Avoid contact with sharp edges and looping around small diameter structures.** Any Sky Genie equipment subjected to the forces of arresting a fall **MUST** be removed from field service immediately.

#### **SHOCK-ABSORBING LANYARD: For Fall Arrest and Restraint Purposes ONLY**

#### **RESTRAINT LANYARD: For Restraint Purposes ONLY**



**Fall Arrest:** Sky Genie Shock-Absorbing Lanyards may be used to support a MAXIMUM 1 personal fall arrest system (PFAS) for use in Fall Arrest applications. Structure must withstand loads applied in the directions permitted by the system of at least 5,000 lbs. Maximum free fall is 6'. Capacity range for shock-absorbing lanyards: 130-310lbs. Applicable D-ring: Dorsal.



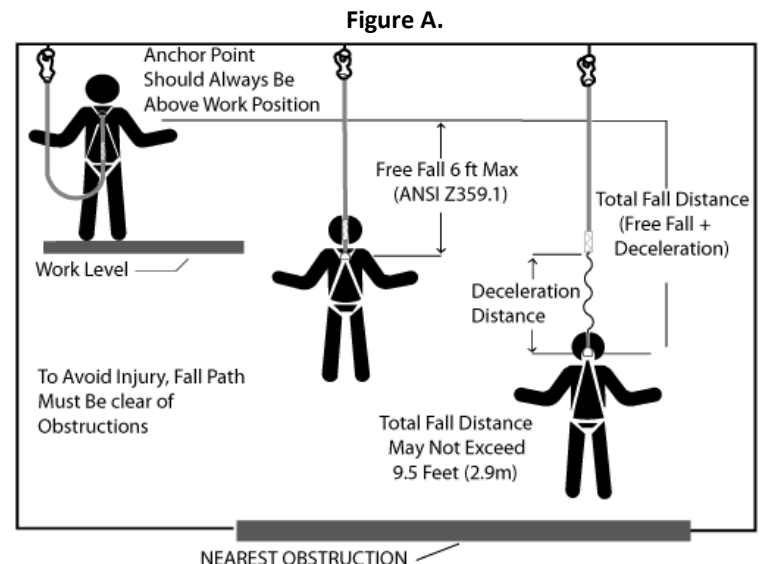
**Restraint:** Sky Genie Restraint Lanyards and Shock-Absorbing Lanyards may be used in Restraint applications. Restraint systems prevent workers from reaching the leading edge of a fall hazard. Always account for fully deployed length of lanyards. Structure must be capable of withstanding loads applied in the directions permitted by the system of at least 1,000 pounds. No free fall is permitted. Restraint systems may only be used on surfaces with slopes of 4/12 (vertical/horizontal). Applicable D-Rings: Dorsal, Chest.

#### **When Using Sky Genie Two Legged "Y" Lanyards:**

- Connect only the center snaphook to the fall arrest attachment element;
- Do not attach the leg of the lanyard which is not in use to the harness except to the attachment point located on the left of the chest strap or left shoulder strap;
- Do not rig the lanyard to create more than a six foot free fall;
- Do not allow the legs of the lanyard to pass under arms, between legs, or around the neck.

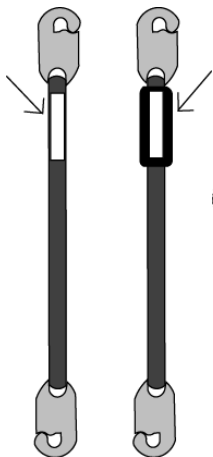
#### **Safety Calculations for Fall Clearance (See Figure A.)**

- When calculating fall clearance, account for a minimum 3' safety factor, deceleration distance, user height, length of lanyard, and all other applicable factors.
- To avoid injury, ensure fall path is clear of all obstructions.
- Make considerations prior to installation or use for eliminating all swing fall hazards. Swing falls occur when the anchor is not directly above the location where a fall occurs.
- Never allow for more than 6' Free Fall.



**SHOCK ABSORBING LANYARD LABELS**

**Label Locations**



**Sky Genie**  
 3920 Ayers Rd  
 Fort Smith, AR  
 800-643-2539  
 Made in the USA

ANSI/ASSE Z359.1

MODEL: \_\_\_\_\_  
 MANF. DATE: \_\_\_\_\_  
 MATERIAL: \_\_\_\_\_  
 CAPACITY: \_\_\_\_\_  
 LENGTH: \_\_\_\_\_  
 SERIAL #: \_\_\_\_\_

**WARNING**

You could be killed or seriously injured if you do not read thoroughly and understand this label and all instructions included with the equipment at time of shipment from the manufacturer before using this piece of equipment. Use and inspect the equipment only in accordance with the manufacturer's instructions.

Do Not Remove This Label Inspected By \_\_\_\_\_

If equipment fails inspection IMMEDIATELY REMOVE FROM SERVICE

YR	J	F	M	A	M	J	J	A	S	O	N	D
20												
20												
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**INSTRUCTIONS: READ DANGER LABEL BEFORE USE**  
 MEETS ANSI/ASSE Z359.13-2009  
 LENGTH: 4FT MAXIMUM ELONGATION 48"  
 -CONSTRUCTED OF NYLON AND POLYESTER WEBBING WITH STEEL CONNECTORS  
 -AVOID CONTACT WITH SHARP EDGE OR ABRASIVE SURFACE  
 -MAKE ONLY COMPATIBLE CONNECTIONS  
**INSTRUCTIONS: READ DANGER LABEL BEFORE USE**

Warning: Maximum User Weight 130-310 lbs.

**4ft. 900lbs.**

Maximum Free Fall Average Arresting Force

Forces may increase when cold and/or wet  
**Read Instructions Before Use**

**WARNING: For Lanyards with 2, integrally connected legs, attach only the snap hook at the center of the lanyard to the fall arrest attachment element of the harness.**

**Inspection:** Prior to each use, Sky Genie equipment should be carefully inspected for indication of wear or deterioration. If evidence of excessive wear or deterioration is observed, it is recommended the equipment be replaced. In addition, inspection charts should be completed monthly and observed before each use.

Before each use, the user should perform a visual inspection for evidence of defects in or damage to hardware elements including cracks, sharp edges, deformation, corrosion, chemical attack, excessive heating, alteration, illegible or missing labels and excessive wear. 2) An inspection for evidence of defects in damage to straps or ropes including fraying, unsplicing, unlaying, kinking, knotting, roping, broken or pulled stitches, excessive elongation, chemical attack, excessive soiling, abrasion, alteration, needed or excessive lubrication, excessive aging and excessive wear **MUST** be performed before each use.

**It is the position of Sky Genie to use a 5-year life expectancy from date of first use** as a guideline on all harnesses, belts, bosun's chairs, and lanyards. Sky Genie provides this recommendation as a general guideline, and is not to be used in lieu of the **Inspection** section of the instructions. Following these instructions may still necessitate removing the product from service prior to the expiration of the 5-year life expectancy guideline. Likewise, proper adherence to the inspection and maintenance criteria may extend the useful life beyond five years. Ultimately, it is the responsibility of the end-user to determine when the harness, belts, bosun's chair, or lanyard is unfit for use and should be removed from service. Products removed from service should be disposed of in a manner that prevents inadvertent further use.

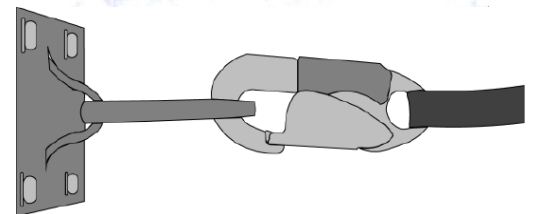
**Cleaning Instructions:** Proper cleaning and storage of Sky Genie equipment will pay dividends in the form of added safety and longer product life. Take care that your storage area is clean and dry, and not exposed to damaging chemicals, fumes, or sunlight.

**ROPE & WEBBING:** 1)Dampen sponge in plain water and wipe off all surface dirt. 2)Squeeze sponge dry. 3)Dip sponge in solution of water and mild detergent. 4)Rub down rope/webbing vigorously, working up a thick lather. 5)Wipe dry with clean cloth. 6)Hang away from heat to dry.

Sky Genie Shock-Absorbing Lanyards are constructed from nylon and polyester webbing with steel or aluminum connectors. Only compatible connections should be made as illustrated in **Figure B**. The maximum arrest force of the shock-absorbing lanyard is 1800lbs; maximum elongation is 48".

*Only the manufacturer or entities authorized in writing by the manufacturer shall make repairs to any Sky Genie Lanyards. If a Sky Genie Lanyard has been subjected to the forces of a fall arrest, it should be removed from field service immediately.*

Figure B.



For further instructions on the use of Sky Genie Safety Products please visit our website at [www.skygenie.us](http://www.skygenie.us)



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