



!WARNING TO USER!

You are required to read and use the Instruction/ Specification manual supplied at the time this device was shipped. Improper use and installation can result in serious injury or death. Follow inspection requirements before each use.

Materials

Polypropylene
Width: 3/4" (19mm)
Length: 62" (1.6m)
Webbing Strength: 1,760lb (7.8kN)
Weight: 3.5oz (100g)
Storage Pouch: 4.0"x7-1/2"

Function

A self deployed rescue device designed to relieve trauma resulting from free fall suspension until a permanent rescue can be made.

Specification of Use

Use only for rescue. Max. user wt. not to exceed personal energy absorber max. user wt.

Rigging Designed for attachment to the leg strap or shoulder strap webbing of a full body harness.

Non-Specified Use

Do not use with body belts.
Do not use for lifting or hoisting.
Not a fall protection device.

Instructions for Use

SAS Recommendation*: Attach to a full body harness leg or shoulder strap webbing as shown at Figs. 3-7.

Free Fall Event Single Trauma Ladder

Deploy ladder from storage pouch as shown at Fig.2

- 1) Place one foot into a ladder loop that allows you to raise yourself up and relieve your body weight as shown at Fig.1.
- 2) If possible, jettison tools, nail bags, or other equipment to reduce your total suspended weight.
- 3) If help is not present immediately, remain calm and call out for help or use your cell phone.

WARNING!

In the event that help is not available or persons present are not able to rescue you, **phone 911**.

You must be rescued immediately to avoid serious injury or death.

- 4) Alternate legs frequently to reduce fatigue. It may be possible to support your weight using both legs and two ladder steps.
- 5) **Double Ladders:**
Safety personnel may specify to use two trauma ladders, one for each side. When suspended after a fall, deploy both trauma ladders, one for each leg.

Maintenance/Inspection

Trauma ladders used in a free fall, may be re-used after inspection for damage, and are required to be inspected annually. Inspect webbing, stitching, PID and Inspection labels. Remove from service if evidence of damage or labels are not readable. If exposed to moisture remove from the pouch and dry thoroughly. Re-bundle as shown at Fig. 8.

WARNING! Synthetic fibers are damaged by mildew, extreme temperatures, extended exposure to UV, water submergence and vermin.

*SAS recommends that a certified safety professional (CSP) provide a written plan for training and use of this equipment.

Fig.1

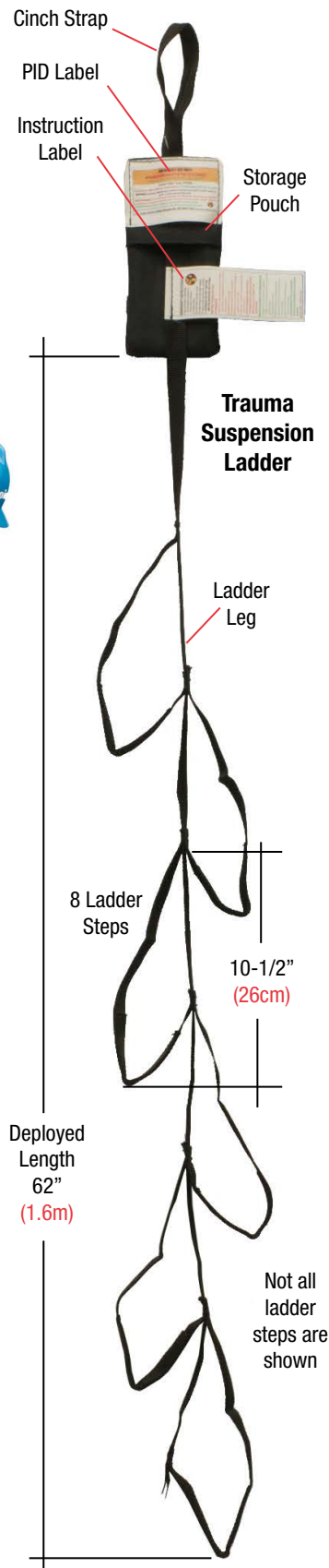
Trauma Ladder Deployment



Ladder Step
Place foot/feet in the step that allows you to lift your body weight off the harness leg straps.



Fig.2



Not all ladder steps are shown

Attachment to Harness Webbing

For harnesses with continuous loop shoulder straps, feed cinch strap between webbings.

Fig.3



Compatibility

Attach to SAS full body harnesses as shown at Figs.3-7. For harnesses mfg. by others compatibility should be ensured by a competent person.

Fig.4



Feed storage pouch through the cinch strap and tighten.

Fig.5

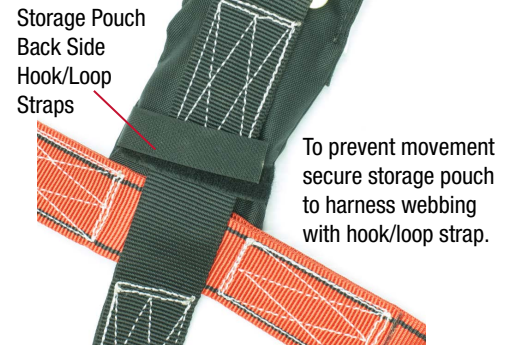


Fig.6



Example:
Front shoulder strap attachment to SAS No.6001 harness.

Fig.7



Example:
Leg strap attachment to SAS No.6101 Deluxe™ harness.

Attachment Options

Figs.3-7 are suggested attachment methods. Alternate attachment methods may be used if specified by a competent person.

Warning! The cinch loop must be secured to the harness in a way that will prevent movement during suspension.

Note: When fitted with tool bags the storage pouch will be partially covered.

Compliance/Prompt Rescue

Performance standards for webbing type Trauma Suspension Ladders (Trauma Relief Systems) are not currently published by Fall Protection regulatory agencies. SAS recommends consulting a certified professional safety consultant (CSP) to develop a plan for rescue and use of this type of equipment. Instructions regarding training and use of such devices may be found in the following documents.

OSHA 1926.502(d)(20)

"Employers shall provide for prompt rescue of employees in the event of a fall or shall assure that employees are able to rescue themselves."

ANSI Z359.1-07

Sec.7.3.2 "what to do after a fall to protect the user from injury. Emergency rescue planning."

ANSI Z359.2-07

Sec.5.5 "Inspection/maintenance for rescue devices." Sec.6 Rescue Procedures. 6.1 "The employer shall provide prompt rescue to all fallen authorized persons training for self rescue."

CSA Z259.10-06 Annex A Non-mandatory.

Sec.A.4 (g) "injury due to suspension trauma must be reduced to a minimum." (h) "It is recommended that a device be used for this purpose."

Fig.8



Ladder Bundle

To deploy, remove ladder from storage pouch and unfurl. To re-use, bundle ladder as shown here and place in pouch.

Emergency Instructions

English/French/Spanish instructions are sewn to the ladder webbing.

EMERGENCY INSTRUCTIONS!

- 1) Ensure ladder is attached to harness as shown in instruction manual.
- 2) Deploy ladder.
- 3) Insert feet into foot loop.
- 4) Extend legs to lift body weight.
- 5) Adjust foot position for comfort.
- 6) **WARNING! DO NOT USE FOR RESCUE HOISTING OR LIFTING.**

INSTRUCTIONS EN CAS D'URGENCE !

- 1) Assurez-vous que l'échelle est fixée au harnais tel qu'illustré dans le manuel d'instructions.
- 2) Déployez l'échelle.
- 3) Insérez les pieds dans la boucle.
- 4) Étendez vos jambes afin de soulever le poids de votre corps.
- 5) Ajustez la position de vos pieds pour plus de confort.
- 6) **AVERTISSEMENT ! NE PAS UTILISER POUR LEVER OU DESCENDRE QUELQU'UN LORS D'UN SAUVETAGE.**

INSTRUCCIONES DE EMERGENCIA

- 1) Asegurar que la escalera se sujete al arnés como se muestra en el manual de instrucciones.
- 2) Despliegue la escalera.
- 3) Meta los pies en el lazo para pies.
- 4) Extienda las piernas para levantar el peso corporal.
- 5) Ajuste la posición de los pies para mayor comodidad.
- 6) **¡ADVERTENCIA! NO LO USE PARA ELEVACIÓN DE RESCATE O LEVANTAMIENTO.**

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