

MILLER®

by Honeywell

The image shows a Miller SafEscape ELITE rescue and descent device. It is a white, T-shaped metal frame mounted on a vertical metal structure. A black hand crank is attached to the side of the frame. A blue and white braided rope is threaded through the device. A silver metal carabiner is attached to the bottom of the rope. To the right, a yellow rope is attached to a silver metal carabiner, which is connected to a silver metal pulley system. The pulley system has a red and black label with the Miller logo and some text. The background is a plain, light-colored wall.

Miller SafEscape ELITE™ Rescue/Descent Device

User Instruction Manual

Manuel D'utilisation / Manual de Instrucciones para El Usuario

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Thank You

Thank you for your purchase of Miller Fall Protection equipment. Miller brand products are produced to meet the highest standards of quality at our ISO 9001 certified facility. Miller Fall Protection equipment will provide you with years of use when cared for properly.

WARNING

All persons using this equipment must read, understand and follow all instructions. Failure to do so may result in serious injury or death. Do not use this equipment unless you are properly trained.

Questions? CALL 1.800.873.5242

It is crucial that the authorized person/user of this fall protection equipment read and understand these instructions. In addition, it is the employer's responsibility to ensure that all users are trained in the proper use, inspection, and maintenance of fall protection equipment. Fall protection training should be an integral part of a comprehensive safety program.

Proper use of fall arrest systems can save lives and reduce the potential of serious injuries from a fall. The user must be aware that forces experienced during the arrest of a fall or prolonged suspension may cause bodily injury. Consult a physician if there is any question about the user's ability to use this product. Pregnant women and minors must not use this product.

1.0 Purpose

The innovative Miller SafEscape ELITE™ Rescue/Descent Device offers a safe, timely solution for emergency rescue or evacuation at heights. SafEscape models are available as Descent Only or Descent with Lifting. An integral ladder bracket is available for attaching the SafEscape Device to fixed ladders. SafEscape Devices meet OSHA, ANSI/ASSE Z359.4, ISO22159:07/1/A, CE0123, prEN341:2008/1A and EN1496:2007/B.

2.0 General Requirements, Warnings and Limitations

2.1 General Fall Protection Warnings

All warnings and instructions shall be provided to authorized persons/users.

All authorized persons/users must reference the regulations governing occupational safety, as well as applicable standards (i.e., ANSI or CSA).

Proper precautions should always be taken to remove any obstructions, debris, material, or other recognized hazards from the work area that could cause injuries or interfere with the operation of the system.

All equipment must be inspected before each use according to the manufacturer's instructions.

All equipment should be inspected by a qualified person on a regular basis.

To minimize the potential for accidental disengagement, a competent person must ensure system compatibility.

Equipment must not be altered in any way.

Repairs must be performed only by the equipment manufacturer, or persons or entities authorized, in writing, by the manufacturer.

Any product exhibiting deformities, unusual wear, or deterioration must be immediately discarded.

Do not use if the unit or any part of the system appears to be damaged.

Any equipment subject to a fall must be removed from service.

The user shall have a rescue plan and the means at hand to implement it when using this equipment.

Never use fall protection equipment for purposes other than those for which it was designed.

Never remove product labels, which include important warnings and information for the authorized person/user.

2.2 System Warnings and Limitations

System Compatibility

The Miller SafEscape ELITE Rescue/Descent Device is designed for use with Miller approved components. Substitution or replacement with non-approved component combinations, sub-systems, or both, may affect or interfere with the safe function of each other and endanger the compatibility within the system. This incompatibility may affect the reliability and safety of the total system.

- The SafEscape Rescue/Descent Device must be used in conjunction with a full-body harness.
- Use only manufacturer approved 10,5mm polyamide kernmantle rope with this device.

Capacity

1 User	
Capacity*	Max. Descent Height
66-330 lbs (30-150 kg)	1640 ft (500 m)
2 Users	
Max. Capacity*	Max. Descent Height
551 lb (250 kg)	656 ft (200 m)

*Including clothing, harness, tools, etc.

Descent Speed

The descent speed is automatically controlled to a rate of 3.3 ft./sec. (1 m/sec) [for 220 lb. (100 kg) user] via the SafEscape's centrifugal brake. This will increase linearly to 4.6 ft./sec. (1.4 m/sec) for two users weighing 440 lbs. (200 kg). Descent speed will vary depending on the weight of the user(s). Maximum descent speed is 5.26 ft./sec. (1.6 m/sec) [2 users weighing 551 lbs. (250 kg)].

Limitations of Use

This device is intended for single or multiple use for the rescue and evacuation of personnel.

- Never use this device as a fall arrester.
- Do not use for the lifting and lowering of material loads.

Rated Hoisting Height	Max. No. of Lifts
11 ft (3,5 m) up to 220 lbs (100 kg)*	10
IN EMERGENCY	
33 ft (10 m) up to 617 lbs (280 kg)*	1

*Including clothing, harness, tools, etc.

The maximum number of consecutive descents equals total cumulative descent distance divided by descent height. See chart below.

No. of Users	Max. Weight*	Total Cumulative Descent Distance
2	551 lbs (250 kg)	1312 ft (400 m)
1	330 lbs (150 kg)	3280 ft (1000 m)
1	220 lbs (100 kg)	26246 ft (8000 m)
1	165 lbs (75 kg)	32808 ft (10000 m)

*Including clothing, harness, tools, etc.

The descent energy rating is 1,016,800 ft./lb.

Environmental Hazards

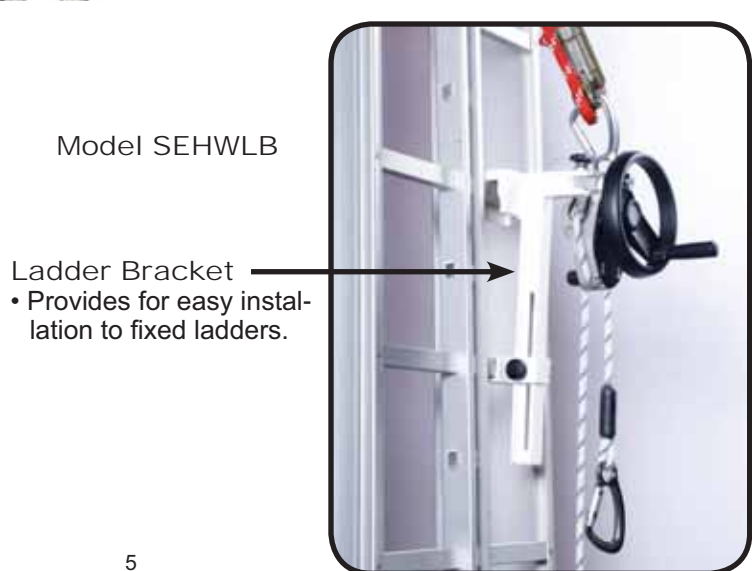
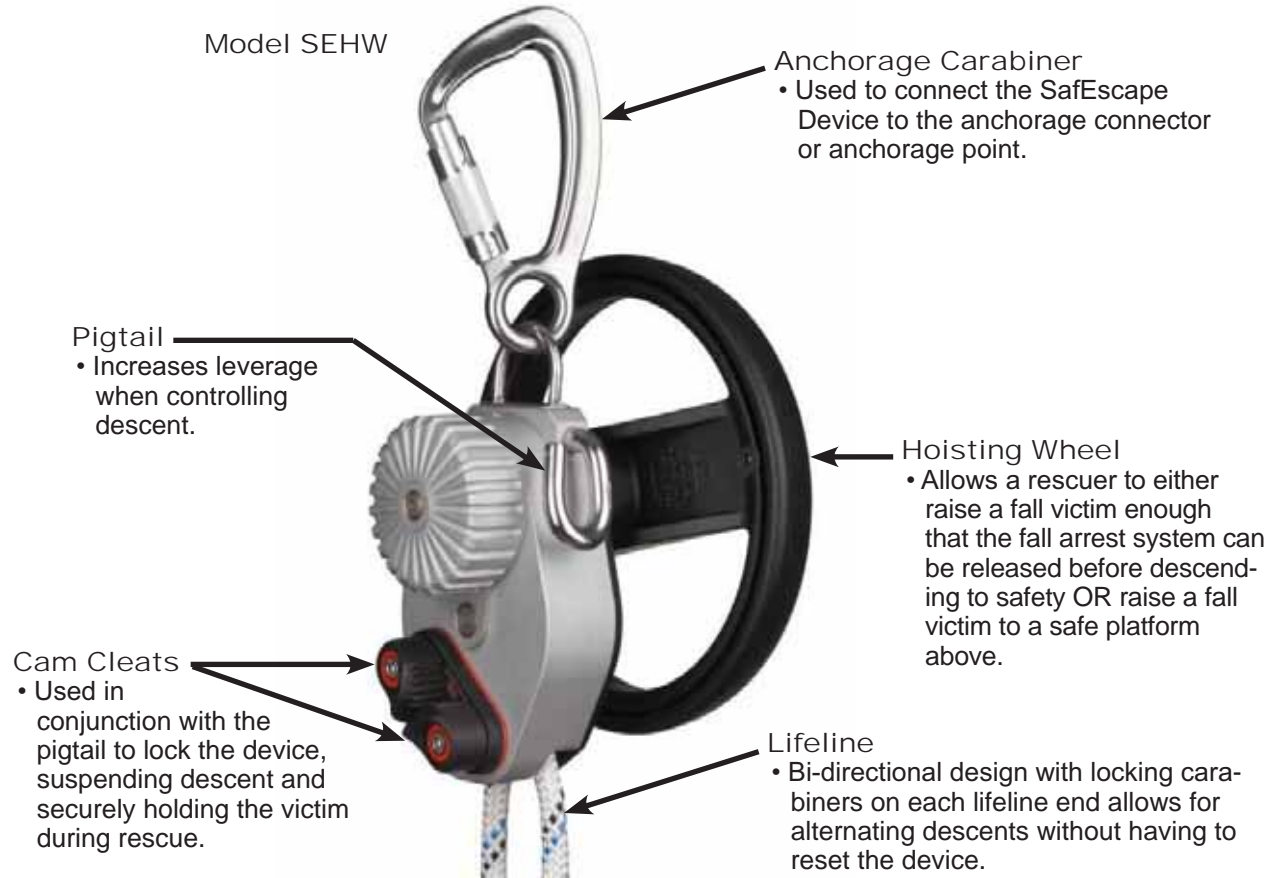
Use of this equipment in areas where environmental hazards exist may require additional precautions to limit the possibility of injury to the user or damage to the equipment. Hazards may include, but are not limited to, extreme temperatures, caustic chemicals, corrosive environments, high voltage power lines, explosive or toxic gases, moving machinery, and sharp edges. Do not expose the equipment to any hazard which it is not designed to withstand. Consult the manufacturer in cases of doubt.

- Avoid descending into electrical, thermal, chemical sources or other hazards.
- This device is designed to be used in ambient temperatures between -22°F (-30°C) and 140°F (+60°C). **WARNING: In below freezing temperatures, moisture may cause the device brake to freeze.**
- This device may be used in dry or wet conditions. Be sure to follow proper drying and storage guidelines when the unit becomes wet.

3.0 SafEscape Model and Parts Identification

Model No.	Description
SE/XXXFT	Miller SafEscape ELITE Rescue/Descent Device
SEHW/XXXFT	Miller SafEscape ELITE Rescue/Descent Device with hoisting wheel
SEHWLB/XXXFT	Miller SafEscape ELITE Rescue/Descent Device with hoisting wheel and ladder bracket

Note: SafEscape Models are available in lengths in 25 ft (7.6 m) increments from 50 ft (15.2 m) to 300 ft (91.4 m). ("XXX" in the model number = rope length in feet.) Additional lengths available upon request.



4.0 Installation and Use

- Before each use, carefully inspect all components of the SafEscape ELITE Rescue/Descent Device according to the manufacturer's instructions (see 6.0 Inspection and Maintenance). Do not use if there are any damaged or missing parts.
- An emergency rescue plan should be in place before starting any work at heights. Consider all factors, such as anchorage selection, rescue/descent device use and limitations, descent path, landing area clearance, and regulations governing rescue at heights.
- Use only Miller approved components with this device. Do not use substitute parts.
- Record all descents and lifts in the Descent Log.

4.1 Installation

Installation will vary depending on SafEscape model and application.

Anchorage Requirements

The anchor point to which the SafEscape Device is attached must be capable of supporting 3,100 lbs. (1410 kg) or meet a safety factor of 5:1 based upon the static load placed on the system when the system is designed, installed and used under the supervision of a Qualified Person. When more than one rescue/descent device is attached to an anchorage, the above strength must be multiplied by the number of descent devices attached to the anchorage. When an anchorage is being utilized for both fall arrest AND rescue, fall arrest load requirements apply.

The anchor point should be located such that the user can freely descend without obstacles in the descent path. The planned landing area must also be clear of obstructions to permit safe landing. A sufficient distance (approximately 1.6 ft. or .5m) should be maintained from all edges and vertical surfaces.

Avoid using this device where components may come in contact with sharp edges. If this is not possible, suitable edge protection must be used.

Connectors used to attach the SafEscape Device to the anchor point must also be capable of supporting 3,100 lbs. (1410 kg). Make sure that all connections within the system are compatible. Connectors must be compatible in size, shape and strength. Use only locking carabiners, locking snap hooks or other Miller approved connectors or connecting devices to suspend this equipment. Do not use connectors that will not completely close and lock.



Typical Installation (for a non-ladder application)

1. Select an anchorage point based on the above anchorage requirements.
2. Install the SafEscape Device to the anchorage via the attached anchorage carabiner. Carabiner must be installed in such a way that the opening action cannot be duplicated by contact made with an object it is connected into or has the potential to come in contact with. Make sure carabiner is positioned so that its gate is never load bearing. Always visually check that the carabiner gate is completely closed and locked.

NOTE: If another Miller approved anchorage connector is used, such as the rope anchor or anchor sling (See Fig. 1), be sure to follow the instructions supplied with the device at the time of shipment for proper installation.

Ladder Installation

1. Select a ladder anchorage point based on the above anchorage requirements.
2. Then attach the ladder bracket with SafEscape Device to the ladder rungs (see Fig. 2a). The bottom rung component on the bracket is movable to ensure a snug fit to ladder rungs of various spacing. Simply loosen the adjustment pin, move the bottom rung component accordingly, and retighten the pin.
3. Connect the rope anchor or other Miller approved anchorage connector to the ladder (see Fig. 2b; see also 4.3 Use of Accessory Components). Be sure to follow the instructions supplied with the device at the time of shipment for proper installation.
4. Then connect the anchorage carabiner on the SafEscape Device to the anchorage connector (see Fig. 2c). Ensure that the carabiner is completely closed and locked.

WARNING: Another form of anchorage connector **MUST** always be used with the ladder bracket to safely secure the unit to the **anchorage of sufficient strength. The ladder bracket should never be used alone to anchor a SafEscape Device to a ladder.**



4.2 Use

Once the SafEscape Device has been properly installed, prepare the lifeline for use by lowering one end of the lifeline to the ground or landing surface. Ensure that the lifeline is free of knots or kinks.

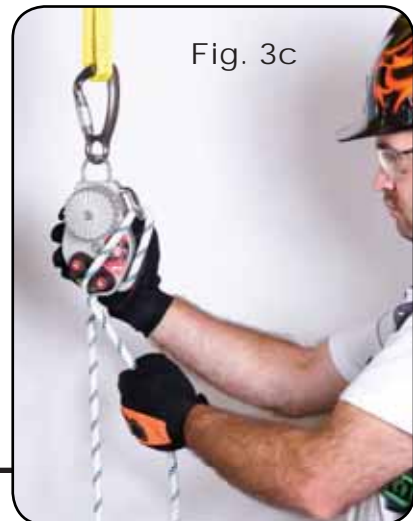
IMPORTANT: A full-body harness must be used with the SafEscape Rescue/Descent Device.

Controlling Descent

Descent may be controlled by a person located at the base of the descent (where the SafEscape Device is installed) OR by the descender so long as the free lifeline end has not already passed above the descender.

To slow or interrupt descent: Firmly grasp the free end of the lifeline (see Fig. 3a). For increased leverage, pass the free end of the lifeline end through the pigtail (see Fig. 3b).

To suspend descent and free hands for rescue: Firmly grasp the free end of the lifeline, pass it through the pigtail, and then secure in the cam cleats (see Fig. 3c). This procedure locks the lifeline in place to prevent unintentional descent, while freeing the rescuer hands.



Single Person Descent

1. Connect the carabiner on the lifeline end to the front or back D-ring of the full-body harness.
[Be sure to read, understand and follow all instructions and warnings provided with the full-body harness at the time of shipment.]
2. Prior to descent, remove any slack in the lifeline that may exist between the user and the device. Once the lifeline is taut, maintain a secure hold on the free end of the lifeline (see Fig. 4).
3. To begin descent, release the free end of the lifeline. Descent speed is automatically controlled via the SafEscape's centrifugal brake.

NOTE: Descent may be controlled by a person located at the base of the descent or by the descender (see Controlling Descent).

CAUTION: To avoid injury, always bend your knees in preparation for safe landing.

4. After landing, disconnect the lifeline carabiner from the user's full-body harness.



Alternating Descents (2 or More Persons)

The SafEscape ELITE Rescue/Descent Device allows several people to descend, one after another, without having to reset the device. Uniquely bi-directionally engineered with locking carabiners on both ends of the lifeline, as one person completes a descent and unhooks from the lifeline, the next person at base level can hook onto the carabiner on the other end of the lifeline and begin descent.

Each user should follow the procedure for single person descent.

Assisted Rescue

SafEscape ELITE Models SEHW and SEHWLB are uniquely designed with a hoisting wheel, which can be used to either raise a fall victim enough that the fall arrest system can be released before descending to safety OR raise a fall victim to a safe platform above.

1. Lower or raise the carabiner on the rescue end of the lifeline to the fall victim.
2. Connect carabiner to the front or back D-ring of the victim's full-body harness.
3. Fold the hoisting wheel handle out and rotate the wheel clockwise to raise the victim to a safe platform above or to a point where the fall arrest connecting device can safely be released (see Fig. 5a).

WARNING: The free end of the lifeline should be secured in the pigtail and cam cleats to prevent unintentional descent before releasing the victim's fall arrest subsystem.

4. Prior to descent, remove any slack in the lifeline that may exist between the user and the device. Once the lifeline is taut, maintain a secure hold on the free end of the lifeline.

IMPORTANT: Prior to descent, always fold the handle back into the hoisting wheel to minimize vibration during descent (see Fig. 5b).

5. To begin descent, release the free end of the lifeline. Descent speed is automatically controlled via the SafEscape's centrifugal brake.

NOTE: Descent may be controlled by a person located at the base of the descent or by the descender (see Controlling Descent).

CAUTION: To avoid injury, always bend your knees in preparation for safe landing.

6. After landing, disconnect the lifeline carabiner from the user's full-body harness.



Fig. 5a



Fig. 5b

Simultaneous Rescue/Descent

In some circumstances, it may be necessary for the rescuer to simultaneously descend with the victim to safety.

IMPORTANT: Two-person descents with the SafEscape ELITE Device must not exceed a total combined weight (including clothing, harness, tools, etc.) of 551 lbs. (250 kg) and a total descent distance of 656 ft. (200 m).

1. Descend to the fall victim per the steps in the Single Person Descent.

NOTE: When the rescuer reaches the victim's location, descent may be interrupted by a person located at the base of the descent or by the rescuer (see Controlling Descent).

IMPORTANT: A secure hold must be maintained on the free end of the lifeline during this rescue procedure. If a second rescuer is located at base level, it is recommended that the free end of the lifeline be passed through the pigtail and secured in the cam cleats to prevent unintentional descent (see Controlling Descent).

2. Connect a rescue lanyard between the lifeline carabiner connected to the front D-ring of the rescuer's full-body harness and the back D-ring of the victim's full-body harness.
3. Once the victim is secured to the SafEscape Device, release the victim's fall arrest system by either cutting or detaching the suspending connecting device to free the victim for descent.

NOTE: If a second rescuer is located at base level, the hoisting wheel may be used to raise the victim and rescuer up to a level where the rescuer can then detach the victim's fall arrest subsystem. Fold the hoisting wheel handle out and rotate the wheel clockwise to raise the victim.

IMPORTANT: Prior to descent, always fold the handle back into the hoisting wheel to minimize vibration during descent.

4. To begin descent, release the free end of the lifeline. Descent speed is automatically controlled via the SafEscape's centrifugal brake.

CAUTION: To avoid injury, always bend your knees in preparation for safe landing.

5. After landing, disconnect the lifeline from both the victim and rescuer.

4.3 Use of Accessory Components



Ladder Bracket (Part SE-LB)

An integral ladder bracket is available for attaching the SafEscape ELITE Device to fixed ladders. If Model SEWHLB or a wind power kit (SEWP-KT) is purchased, the ladder bracket is shipped attached to the Rescue/Descent Device. If SafEscape Model SE is purchased, the ladder bracket can be purchased at a later date and installed to the unit.

To attach the SafEscape Device to the ladder bracket, follow the steps below.



Step 1 - Align the ladder bracket adapter with the anchorage ring/carabiner and insert.



Step 2 - Place the adapter plate on the opposite side of the anchorage ring.



Step 3 - While holding the adapter and plate in place, insert the two screws and tighten until snug.



Step 4 - Place the ladder bracket onto the adapter assembly.



Step 5 - Insert the pin and tighten completely, ensuring that the pin extends through both holes in the ladder bracket.

Adjustable Rope Anchor (Part SE-ARA)

The adjustable rope anchor is quick and convenient option for anchoring the SafEscape Device to an anchorage point such as a ladder.

To install the rope anchor, follow the steps below.



Step 1 - Wrap rope anchor around approved anchorage and attach locking carabiner through both the eye of the rope grab and the rope thimble. Ensure that the carabiner is completely closed and locked.



Step 2 - Push upward on the rope grab until the rope anchor is taut.



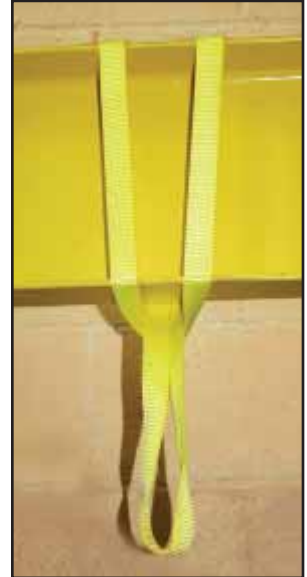
To remove the rope anchor, squeeze the rope grab to release the locking mechanism and loosen the rope. Then detach the carabiner and remove rope anchor from anchorage.



Anchor Sling (Part SE-AS/4.0FT & SE-AS/2.5FT)

The anchor sling is used to facilitate anchoring the SafEscape Device to a variety of anchorage points, such as I-beams, ladder rungs, etc.

To install, wrap the anchor sling around the anchorage point and pull one end through the other end. Pull tight and connect the anchorage carabiner on the SafEscape Device to the web sling.



Pulley (Part SE-P)

The pulley can be used to re-direct the rescue lifeline away from the anchor point if needed. This may be necessary to avoid sharp edges or obstacles in the descent path.

To attach pulley to lifeline, follow the steps below.



Step 1 - Rotate one half of the pulley to allow insertion of the lifeline. Once lifeline is inserted, return pulley to aligned position.



Step 2 - Attach locking carabiner to pulley. Ensure that the carabiner is completely closed and locked.



Edge Protector (Part SE-EP)

An edge protector should be used anywhere the SafEscape lifeline may come in contact with sharp edges.

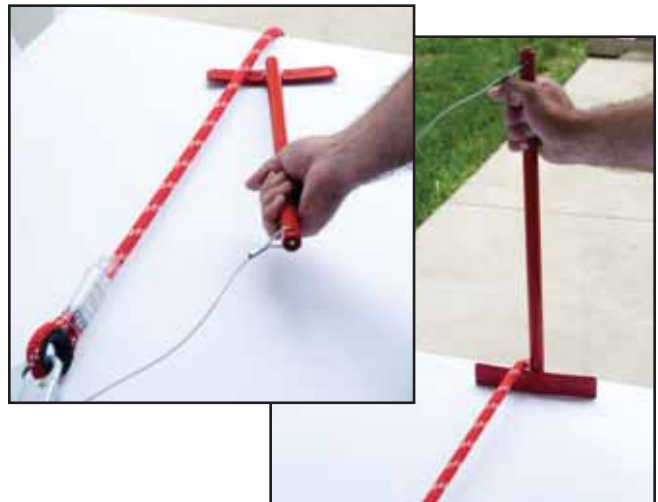
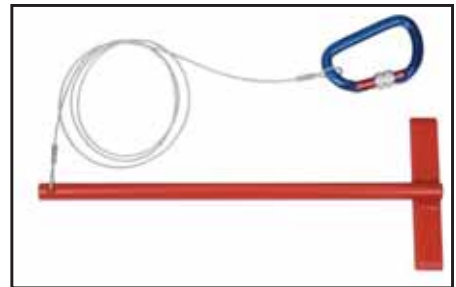
To install, first secure the edge protector by attaching the carabiner on the safety line to a fixed anchorage near the edge where the protector is to be used to prevent the edge protector from potentially falling and striking a person below. Then place the edge protector flush over the edge where the SafEscape lifeline should be protected.



T-Bar (Part SE-TB)

The T-bar is used to help facilitate the installation of equipment needed to perform a safe rescue. Should a fall victim be suspended over an edge, the T-bar can be used to pry the lifeline up slightly in order to install a rope grab, edge protector, or some other equipment necessary to perform the rescue.

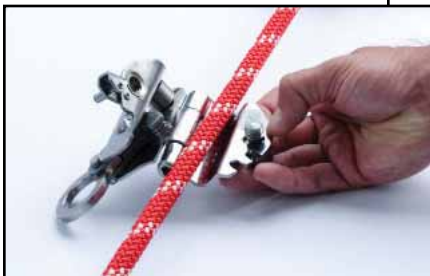
To use, first secure the T-bar by attaching the carabiner on the safety line to a fixed anchorage near the suspending lifeline to prevent the T-bar from potentially falling and striking a person below. Then simply slide the flat edge of the T-bar under the tensioned lifeline and shift the bar upright to create space under the lifeline.



Rescue Rope Grab (Part SE-RG)

The rescue rope grab may be used to secure a fall victim suspended over an edge (by a rope lanyard) to the SafEscape Device. This rope grab is compatible with 10.5mm to 16mm diameter rope.

To install the rescue rope grab, follow the steps below.



Step 1 - Open the latch and unscrew the locking thumbscrew to open the device. Place the device on the compatible rope lanyard with the arrow label on the rope grab pointing toward the anchor point.



Step 2 - Close the device around the rope lanyard, tighten thumbscrew and close the latch.

Step 3 - Attach one of the SafEscape lifeline end carabiners to the eye of the rope grab and proceed with hoisting.



5.0 Training

It is the responsibility of the user and the purchaser of this equipment to assure they are familiar with these instructions and are trained in the proper use, installation, operation, inspection, maintenance and limitations of this product. Training should be conducted periodically and without exposing the trainee to a fall hazard.

NOTE: Inspection requirements for a SafEscape Device used in training exercises must be followed (see 6.0 Inspection and Maintenance).

Training is an integral part of our Total Solution in fall protection, since no fall protection equipment – regardless of how effective – can save an employee who is not trained in its use. To meet this crucial requirement, Miller Training provides the knowledge and skills necessary to achieve a safe, more productive work environment. For more information on Miller Training, contact a representative today: 800.873.5242.

6.0 Inspection and Maintenance

Inspection

The Miller SafEscape ELITE Rescue/Descent Device is designed for today's rugged work environments. To maintain its service life and high performance, all components should be inspected frequently.

This device must be visually inspected by the user before each use and at least annually by a Competent Person. The SafEscape ELITE Device does NOT require annual factory **recertification. Inspection requirements as specified in the table below must be followed.**

SafEscape ELITE Rescue/Descent Device Inspection Criteria	Inspection Required by User	Inspection Required by Competent Person	Factory Recertification Required
For a Properly Stored, Unused Unit ...	✓ Before each use	✓ At least annually	✓ Every 7 years
For a Unit Used in Non-Emergency Conditions, Training, and Regular Use ...	✓ Before each use	✓ At least annually AND after every 3,280 ft (1000 m) of descent distance for a user weighing 220 lbs (100 kg)	✓ After 9,842 ft (3000 m) of descent distance for a user weighing 220 lbs (100 kg)
For a Unit Used in an Emergency Rescue Situation ...	REMOVE FROM SERVICE IMMEDIATELY FOR FACTORY RECERTIFICATION	REMOVE FROM SERVICE IMMEDIATELY FOR FACTORY RECERTIFICATION	✓ Must be returned immediately for factory recertification

NOTE: Extreme weather conditions or heavier descent loads require more frequent inspections.

Inspection Steps

1. Inspect for misaligned, bent, cracked, distorted, worn, malfunctioning or damaged parts; loose fasteners or missing parts/components; deterioration; corrosion; or any other indications of damage/problems that may affect the integrity and operation of the product. Also inspect any accessory components and parts (i.e., rescue rope grab, rope anchor, etc.) for the same.
2. Inspect the entire length of rope lifeline (as well as the rope anchor, if applicable) for cuts, burns, severely abraded areas, and excessive wear. The lifeline must freely pull through the device in both directions.
3. Inspect carabiners for damage, distortion, corrosion, or pitted surfaces. The carabiner gate should seat into the nose without binding and should not be distorted or obstructed. The gate locking mechanism must prevent the gate from opening when closed.
4. Inspect all other system components (i.e, harness, rescue lanyard, anchorage connector, etc.) according to the manufacturer's instructions.

If inspection reveals a defect in condition or operation,
or if the device has been used in an emergency rescue situation,
it must be removed from service immediately!

Cleaning and Storage

Basic care of all Miller equipment will prolong the life of the unit and will contribute toward the performance of its vital safety function. Periodically clean the device and lifeline with water and a mild detergent. The device should be positioned so that all excess water drains out. The lifeline must be allowed to naturally air dry. Do not force dry with heat sources. The unit should be stored in a dry, cool and clean environment and protected against UV irradiation. Storage areas should be free of exposure to fumes, acids, corrosive elements, oils and heat sources.

Servicing

Servicing must only be carried out by Miller Fall Protection or a service center authorized, in writing, by the manufacturer. A record log of all servicing and inspection dates for this system must be maintained. Only original Miller Fall Protection replacement parts are approved for use in this system. Non-repairable devices must be disposed of in a manner to prevent inadvertent further use. Contact Miller Technical Services at 800.873.5242 if you have any questions.

Labels



by Honeywell



SPECIFICATIONS

1 User / 1 Benutzer / 1 Utilisateur / 1 Usuario	
Capacity Belasting Capacità Capacidad	Max. Descent Height Max. Hauteur Hauteur de descente max Alteza máx. de descenso
20/100 lb (9/45 kg)	300 m (1000 ft)
2 Users / 2 Benutzer / 2 Utilisateur / 2 Usuario	
Max. Capacity Max. Belasting Capacità max Capacidad máx.	Max. Descent Height Max. Hauteur Hauteur de descente max Alteza máx. de descenso
200 lb (90 kg)	300 m (1000 ft)

Device intended for single descent of one user.
Rated holding height: 3.5 m (11 ft) up to 100 kg
(220 lbs) — max. 10 m (33 ft) [In Europe only]
10 m (33 ft) up to 200 kg (440 lbs) — max. 1 m

Max. number of consecutive descents = total consecutive descent distance of interest by descent height.

Gerät für einsteigigen oder einsteigerischen Gebrauch.
Max. Hubhöhe: 3,5 m bis 100 kg — max. 10 m (in Europa)
(in North America up to 200 kg — max. 1 m)
Max. Anzahl der Abstiegsversuche = Gesamt-Abstiegsdistanz über die gesamte Abstiegszeit.

El dispositivo de rescate se usa para un solo usuario.
Máx. altura de trabajo: 3,5 m hasta 100 kg —
10 m hasta 200 kg — 1 m (solo en Europa)
Número máximo de descensos consecutivos = distancia de rescate consecutiva total de interés por la altura de rescate.

Dispositivo destinado a uso de un solo usuario.
Altura nominal de elevación: 3,5 m hasta 100 kg —
máx. 10 m (solo en Europa)
10 m hasta 200 kg — máx. 1 elevación
Número máximo de descensos consecutivos = distancia de rescate total acumulada de interés por la altura de rescate.



注意：請參閱說明書以瞭解此設備的安裝、操作和維護。此設備僅供單人單次下降使用。安裝強度請參閱說明書。最大承重能力為 200 磅（90 公斤）。最大下降高度為 300 米（1000 英尺）。此設備在歐洲以外的地區僅限於 10 米（33 英尺）以內，最大承重能力為 100 公斤（220 磅）。在歐洲以外地區，最大下降高度為 1 米。總連續下降次數 = 總連續下降距離（按下降高度計算）。



注意：請參閱說明書以瞭解此設備的安裝、操作和維護。此設備僅供單人單次下降使用。安裝強度請參閱說明書。最大承重能力為 200 磅（90 公斤）。最大下降高度為 300 米（1000 英尺）。此設備在歐洲以外的地區僅限於 10 米（33 英尺）以內，最大承重能力為 100 公斤（220 磅）。在歐洲以外地區，最大下降高度為 1 米。總連續下降次數 = 總連續下降距離（按下降高度計算）。

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警告 / ADVERTENCIA / AVERTISSEMENT

MANUFACTURER'S INSTRUCTIONS SUPPLIED WITH THIS PRODUCT AT TIME OF SHIPMENT MUST BE FOLLOWED. FAILURE TO DO SO COULD RESULT IN SERIOUS INJURY OR DEATH. CONTACT MILLER FALL PROTECTION IF INSTRUCTION MANUAL IS NEEDED.

DEBEN SEGUIR LAS INSTRUCCIONES DEL FABRICANTE PROVISTAS CON ESTE PRODUCTO AL MOMENTO DEL DESPACHO. EL NO HACERLO PUEDE RESULTAR EN LESIONES GRAVES O LA MUERTE. SI SE REQUIERE EL MANUAL DE INSTRUCCIONES CONSULTE CON MILLER FALL PROTECTION. VOUZ AVEZ BESOIN D'UN NOUVEAU MANUEL.

EXPIRATION DATE: SEE MANUAL FOR INSPECTION
MAX. CAPACITY: 450 LBS (181.4KG)
OSHA ANSI A10.32 & 2398.1 (910 LBS (410.6KG))
(*See Appendix A, applicable to procedure only)

REFER TO INSTRUCTIONS FOR INSTALLATION
MUST FACE UPWARD WHEN INSTALLED.
AVOID CONTACT WITH SHARP OR ABRASIVE SURFACES.
REMOVE FROM SERVICE IF SUBJECT TO FALL ARREST FORCES.

MANUFACTURER'S AND ANCHORAGE POINTS MUST BE COMPATIBLE AND ABLE TO SUPPORT 4,000 LBS. (1,814KG) OR MEET OSHA 1926.922 REQUIREMENTS FOR A SAFETY FACTOR OF TWO.
• AVOID CONTACT WITH SHARP OR ABRASIVE SURFACES.
• REMOVE FROM SERVICE IF SUBJECT TO FALL ARREST FORCES.

No. of Users Anzahl der Benutzer Ajouts utilisateurs No. de usuarios	Max. Weight Max. Gewicht Poids max Peso máx.	Total/Cumulative Descent Distance Gesamter abgestiegene Entfernung Écart de descente cumulative totale Distancia de descenso total acumulada
2	250 kg (550 lbs)	400 m (1312 ft)
1	500 kg (1100 lbs)	1000 m (3280 ft)
1	100 kg (220 lbs)	8000 m (26246 ft)
1	250 kg (550 lbs)	10000 m (32808 ft)

prEN241:2008/1A EN1499:2007/B
CE 0128 ANSUA88E Z358.4 CEHA
ISO22168:07/1A 01084

Adjustable Rope Anchor

MILLER
by SPIERIAN

1-800-873-5242
LD101 / MPT349452

Descent Log

INSPECTION NUMBER: _____

DATE OF MANUFACTURE: _____

MODEL NUMBER: _____

DATE PURCHASED: _____

NOTE: All descents and lifts must be recorded in the Descent Log. Be sure to refer to the tables in 2.2 System Warnings and Limitations to determine the descent and hoisting limitations, as well as the maximum number of consecutive descents and lifts.

DATE OF USE	DESCENT WEIGHT AND/OR LIFT WEIGHT	DESCENT HEIGHT AND/OR LIFT HEIGHT	CUMULATIVE DESCENT DISTANCE
	/	/	
	/	/	
	/	/	
	/	/	
	/	/	
	/	/	
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	/	/	
	/	/	
SERVICE DATE	SERVICE DATE	SERVICE DATE	SERVICE DATE

Inspection and Maintenance Log

Registre D'inspection et D'entretien

Registro de Inspección y Mantenimiento

DATE OF MANUFACTURE: _____
 DATE DE FABRICATION / FECHA DE FABRICACIÓN

MODEL NUMBER: _____
 NUMÉRO DE MODÈLE / NÚM. DE MODELO

DATE PURCHASED: _____
 DATE D'ACHAT / FECHA DE COMPRA

INSPECTION DATE DATE D'INSPECTION FECHA DE INSPECCIÓN	INSPECTION ITEMS NOTED POINTS NOTÉS LORS DE L'INSPECTION PUNTOS DE INSPECCIÓN RELEVANTES	CORRECTIVE ACTION ACTION CORRECTIVE MEDIDA CORRECTIVA	MAINTENANCE PERFORMED ENTRETIEN EFFECTUÉ MANTENIMIENTO REALIZADO
Approved by: Approuvé par: Aprobado por:			
Approved by: Approuvé par: Aprobado por:			
Approved by: Approuvé par: Aprobado por:			
Approved by: Approuvé par: Aprobado por:			
Approved by: Approuvé par: Aprobado por:			
Approved by: Approuvé par: Aprobado por:			
Approved by: Approuvé par: Aprobado por:			
Approved by: Approuvé par: Aprobado por:			
Approved by: Approuvé par: Aprobado por:			

Notes / Notas



MILLER® FALL PROTECTION PRODUCTS
TOTAL SATISFACTION ASSURANCE

At Miller Fall Protection, we have been providing quality Miller brand fall protection equipment to millions of workers worldwide since 1945.

LIMITED LIFETIME WARRANTY
BACKED BY OVER 65 YEARS IN THE FALL PROTECTION BUSINESS

We sincerely believe that our fall protection equipment is the best in the world. Our products endure rigorous tests to ensure that the fall protection equipment you trust is manufactured to the highest standards. Miller fall protection products are tested to withstand normal wear and tear, but are not indestructible and can be damaged by misuse. Our Limited Lifetime Warranty does not apply to normal wear and tear or abusive treatment of the product.

In the unlikely event that you should discover defects in either workmanship or materials, under our Limited Lifetime Warranty, we will repair or replace the product at our expense. If a replacement is necessary and your product is no longer available, a comparable product will be substituted. Should a product issue surface, contact us at 800.873.5242.

Manufacturing specifications are subject to change without notice.

PRODUITS MILLER® FALL PROTECTION
ASSURANCE DE SATISFACTION TOTALE

Chez Miller Fall Protection, nous fournissons des équipements de protection contre les chutes de marque Miller de qualité à des millions de travailleurs dans le monde entier depuis 1945.

GARANTIE LIMITÉE À VIE
ASSURÉE GRÂCE À PLUS DE 65 ANS PASSÉS DANS LE DOMAINE DE LA PROTECTION CONTRE LES CHUTES

Nous croyons sincèrement que notre équipement de protection contre les chutes est le meilleur au monde. Nos produits sont soumis à des tests rigoureux, afin d'assurer que les équipements de protection contre les chutes dans lesquels vous avez confiance sont fabriqués selon les normes les plus exigeantes. Les produits de protection contre les chutes Miller sont soumis à des essais pour vérifier qu'ils résistent à une usure normale; ils ne sont cependant pas indestructibles et peuvent s'endommager en cas de mauvaise utilisation. Notre garantie limitée à vie ne s'applique pas à l'usure normale ou à un usage abusif du produit.

Dans le cas peu probable où vous découvririez des défauts, soit de fabrication, soit de matériau, dans le cadre de notre garantie à vie, nous réparerons ou remplacerons le produit à nos frais. En cas de remplacement, si votre produit n'est plus offert, vous recevrez un produit comparable. En cas de problème sur un produit, nous contacter au 800-873-5242.

Les caractéristiques de fabrication peuvent être modifiées sans préavis.

PRODUCTOS ANTICAÍDAS MILLER®
GARANTÍA DE SATISFACCIÓN TOTAL

En Miller Fall Protection, venimos suministrando desde 1945 los equipos de protección anticaídas con la calidad Miller a millones de trabajadores en todo el mundo.

GARANTÍA LIMITADA DE POR VIDA
NOS RESPALDAN MÁS DE 65 AÑOS EN LA FABRICACIÓN DE EQUIPO ANTICAÍDAS

Sinceramente creemos que su equipo de protección contra caídas es el mejor del mundo. Nuestros productos resisten rigurosas pruebas para garantizar que el equipo de protección contra caídas en el que usted confía está fabricado de conformidad con las normas más elevadas. Los productos anticaídas Miller son sometidos a pruebas para que resistan el desgaste normal, pero no son indestructibles y su incorrecta utilización puede dañarlos. Nuestra Garantía limitada de por vida no se aplica al desgaste normal ni al maltrato del producto.

En el poco probable caso de que usted descubriera defectos de mano de obra o materiales, por nuestra Garantía limitada de por vida, repararemos o sustituiremos el producto por cuenta nuestra. Si un reemplazo es necesario y nuestro producto ya no está disponible, se lo sustituiremos por otro comparable.

En caso de que surja un problema con el producto, contáctenos al 800.873.5242.

Las especificaciones de fabricación están sujetas a modificaciones sin previo aviso.

MILLER[®]

by Honeywell

Toll Free: 800.873.5242
Fax: 800.892.4078

Download this manual at: www.millerfallprotection.com
Téléchargez ce manuel à l'adresse: www.millerfallprotection.com
Puede bajar por Internet este manual en: www.millerfallprotection.com

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