

**MILLER**

by Honeywell

Fall Arrest

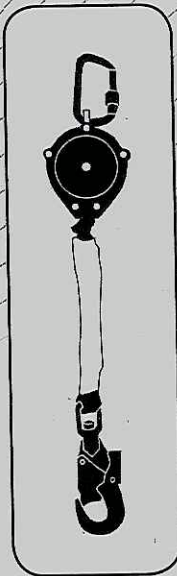
Blade Zone

Plant NO. 2616004

CE

SCANNED

# 750



EN 360



90004211 ind K 06/08/2013

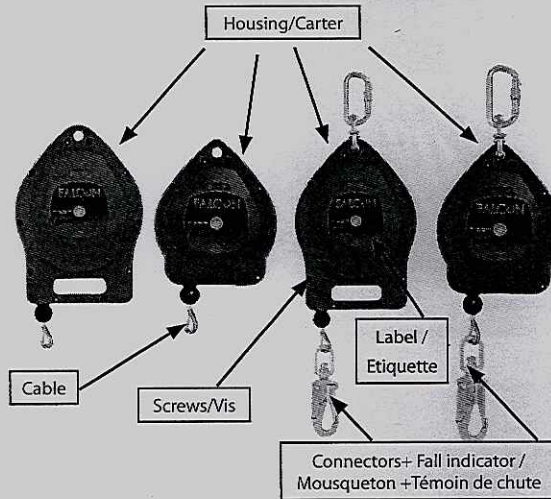
Plant No. 2616004

Serial No. 20513001

1013.

Date of Manufacture / Date de fabrication: 3/2013  
 Date of Inspection / Date d'inspection: Purchased 28-11-2013  
 Model / Référence: 20m G TOC Falcon SRL MP 1011750

	Pass Valide	Failed Echec
<b>VISUAL / EXTERIEUR</b>		
1. Label / Etiquette .....	<input type="checkbox"/>	<input type="checkbox"/>
2. Housing / Carter .....	<input type="checkbox"/>	<input type="checkbox"/>
3. Karabiner / Fall Indicator Mousqueton / Témoïn de chute .....	<input type="checkbox"/>	<input type="checkbox"/>
4. Screws / Vis .....	<input type="checkbox"/>	<input type="checkbox"/>
5. Cable / Cable .....	<input type="checkbox"/>	<input type="checkbox"/>



	Pass Valide	Failed Echec
<b>FUNCTIONAL / FONCTIONS</b>		
1. Braking mechanism / Mécanisme de blocage .....	<input type="checkbox"/>	<input type="checkbox"/>
2. Extraction/Retraction of the cable Extraction / Rétraction du cable .....	<input type="checkbox"/>	<input type="checkbox"/>
3. Snap Hook / Mousqueton .....	<input type="checkbox"/>	<input type="checkbox"/>



Before release /  
Avant  
déclenchement



After release /  
Après  
déclenchement

If Failed has been selected at least once, return the block to a Miller Factory authorized Service Center /  
Si Echec a été coché au moins 1 fois, retournez le Bloc à un Centre Miller agréé

> Failed if any crack, rupture or significant deformation of the housing is present.

• Pay also particular attention to the area around the installation bracket and all bolts and nuts.

> Failed if intense corrosion or pitting is evident.

**3. KARABINER & FALL INDICATOR**

• Check the load indicator:

> Failed if the device has experienced an impact force such as that incurred in arresting a fall (see figure: Fall Indicator)

• Check the connector:

> Failed if the gate can open under any circumstances.

**4. SECURITY CAPSULE AND SCREWS**

> Failed if one of the two security capsule and / or one of the screws are missing

**5. CABLE**

• The inspection must be performed over the entire length of cable starting from the thimble./

> Failed if a groove of more than 2.5mm is evident

• Check the pressed metal sleeve and the thimble

> Failed if there is any evidence of cracks, distortion, excessive corrosion, wear, loosening or biting into cable.

> Failed if there is an increase or decrease in cable diameter of 1.3 mm in any area

**FUNCTIONAL**

**1. BRAKING MECHANISM**

• Check that the locking function is operating by tugging on the cable which should lock instantly. Pull it a second time to confirm.

> Failed if the brake does not lock.

**2. EXTRACTION & RETRACTION OF THE CABLE**

• Check cable extraction by pulling out the entire cable in a hand-over-hand manner

> Failed if the cable jams

• Check cable retraction over the full length by first extending the cable

> Failed if the cable does not retract completely or if the spring appears weak.

**3. SNAP HOOK**

• Clean the karabiner with a brush:

> Failed if deep corrosion stay apparent once cleaned with metallic brush.

• Check all parts of the snap hook:

> Failed if there are signs of alterations, distortions, cracks, deep nicks, dents or cuts



**RETRACTABLE LIFELINE Personal Protection Equipment**  
**Miller Scorpion, Miller Falcon**  
**Conforming to standard EN 360:2002 RETRACTABLE FALL ARRESTER**

**Complementary User Data Sheet**

This User Data Sheet is an addendum to the Retractable Lifeline User Manual (EN 360). Please refer to the manual supplied with the PPE to obtain all the recommendations.

**Materials used:**

Retractable lanyard: polyamide  
 Absorber: internal strap: polyester, and external strap: polyamide

**Cleaning of PPE and strap:**

It is advisable to clean the PPE regularly and more specifically the strap, using soapy water. Any other cleaning method should be avoided.

Drying method: allow to dry naturally and well away from any direct fire or any source of heat, any parts that have absorbed moisture either during use or during cleaning.

**Product life duration:**

The maximal life of PPE that is predominantly textile is evaluated as being 10 years after the date of manufacture

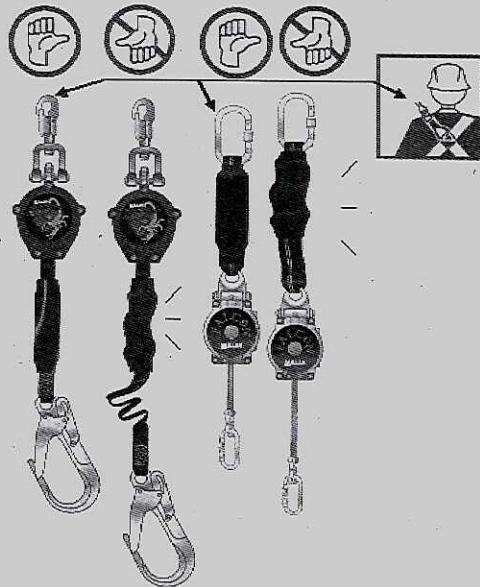
**Transport & storage:**

The PPE should be suspended for transport or storage, and kept in a suitably ventilated place away for damp and UVs.

**Rescue:**

Bear in mind before and during use that it is essential to visualize the way any rescue assignments can be carried out efficiently and safely.

**This PPE has been put through testing as per standard EN 360:2002 RETRACTABLE LIFELINE**



Antichute à rappel automatique  
 Retractable life line Norme: EN360

**CE 0333**

Use : vertical Serial n°: 20052603/ 029  
 Utilisation : verticale WW/YY : 44/03

On the back of the PPE is its description, the standard to which it conforms, a pictogram 'i' indicating that the user should refer to the User Manual, the CE followed by the number of the notified organization in charge of annual inspection - AFAQ, the recommended use, the serial number and the date of manufacture.

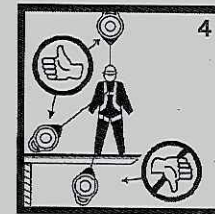
**Miller Cable Falcon**

**Normal condition of use:**

Vertical application, with the self-retracting lifeline mounted above the worker's head.

**Specific condition of use (Miller Falcon horizontal):**

The Miller Falcon (MP) series of self-retracting lifelines are approved for use in horizontal applications. Horizontal use application requires the use of a steel anchorage sling, part number 1002897, (6.4mm dia. x 1 meter long) attached between the lifeline snap hook and the user's harness attachment point.



**Warning:**

**Not using the steel anchorage sling in a horizontal use application could result in lifeline cable shear due to the 90 degree bend of the lifeline over a sharp edge.**

**The following should be considered during Miller Falcon horizontal use:**

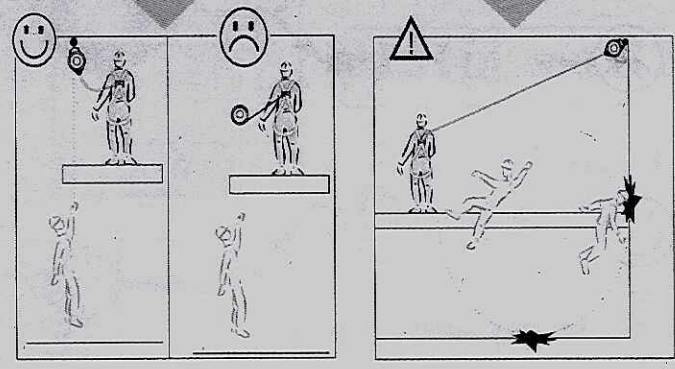
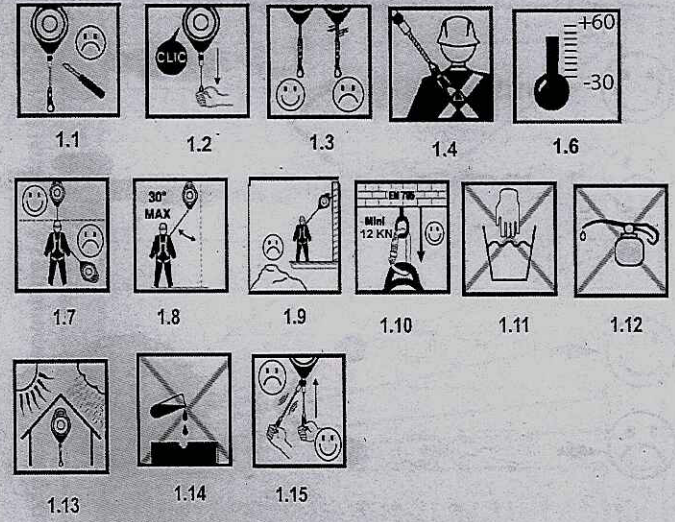
- The maximum arrest distance recorded in testing is 2.25m.
- There could be an increased swing fall potential.
- The locking speed of the SRL may vary in the event of a fall, due to friction between the lifeline and the platform edge.
- The SRL may lock up quicker than the workers walking pace and thus cause a fall by jerking the worker off balance.
- Lifeline abrasion on work platforms and/or surfaces.

**Warning:**

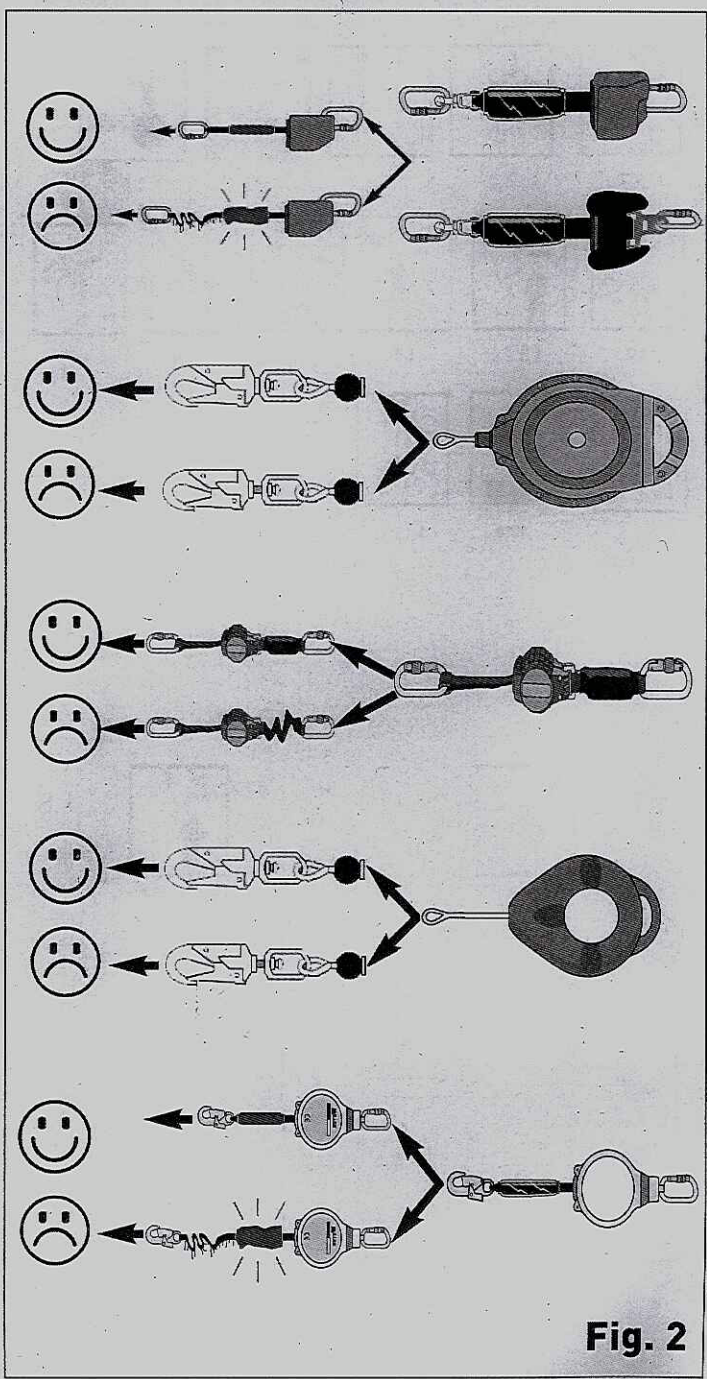
**Do not mount self-retracting lifelines below foot level.**

**Inclined use:**

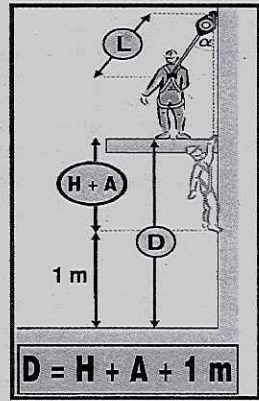
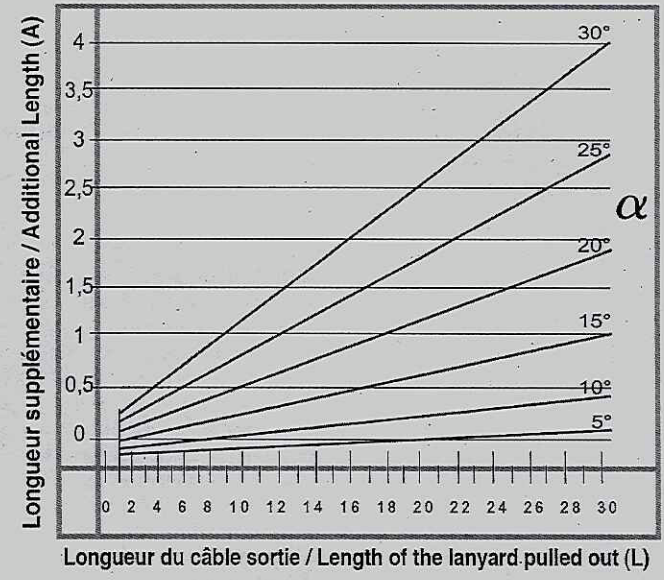
Miller self-retracting lifelines are not approved for inclined use.



**Fig. 1**

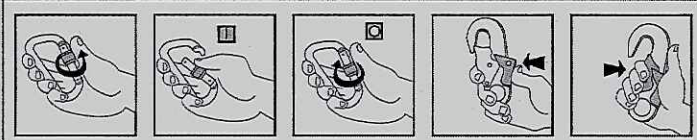


**Fig. 2**



**H=1m maxi**

**Fig. 3**



**Fig. 4**

### Personal Protective Equipment RETRACTABLE LIFELINE

Conforms to the CE  
Standard EN 360 : 2002

#### IMPORTANT- PLEASE NOTE:

You have just acquired Personal Protective Equipment ( PPE ) and we thank you for your confidence. Please follow the instructions given here **BEFORE EVERY USE OF THE EQUIPMENT**, in order to gain maximum benefit (also refer to the specific manual for the product).

Failure to follow the instructions given in this manual may have grave consequences. We recommend that you re-read these instructions from time to time. In addition, the manufacturer or its representative declines all responsibility in case of any use, storage method or maintenance carried out in any other manner than that described in this manual.

#### IF THE BUYER IS NOT THE END USER, IT IS IMPORTANT THAT THESE INSTRUCTIONS ARE GIVEN TO THE END USER

In the interests of the user's safety, if the product is re-sold outside of the original destination country, the seller must provide the following information in the language habitually used in the country of use:

- ✓ maintenance instructions for periodical examination;
- ✓ instructions concerning repairs;
- ✓ additional information required that is specific to the equipment.

A fall arrest harness is the only body harness that is legal for use in a fall arrest system.

It is necessary to be completely sure before use that the recommendations specific to each element associated with this product are respected, as defined in their instructions, that they comply with the applicable European standards or otherwise any other appropriate standard and that their safety functions do not interfere with one another. Whenever possible, it is strongly recommended that this equipment be personally assigned to a single user.

Check that the product you have just acquired is compatible with the recommendations of the other system components.

While in use, protect your PPE against all risks connected with the work environment : thermal, electrical or mechanical shocks, acid splashes, sharp edges, etc.

#### WARNING

**Activities at height are dangerous and can cause serious accidents and injuries. We remind you that you are personally liable in the case of an accident, injury or fatality to either yourself or a third party during or following the use of one of our products. The use of our products is reserved to authorized persons who have gone through the proper training or who are operating under the supervision and instruction of an authorized superior.**

**Ensure that you have been adequately trained in the use of this PPE and make sure that you fully understand how it works. If there is any doubt, do not take any risks but rather seek advice. Good physical condition is required in order to carry out work at height. Certain medical contraindications can threaten the user's safety (taking medications, cardiovascular problems, etc.) during normal use of the PPE and in emergencies. In any case of doubt, consult your physician.**

#### HOW DOES IT WORK?

The retractable type fall arrester must be attached to a reliable anchorage by its karabiner. The automatic karabiner situated at the end of the cable or of the strap must be attached to the attaching point of the fall arrest harness (cf EN 361:2002). During the ascent and/or the descent of the user, the cable, strap will be kept in tension by the retracting spring integrated into the equipment. In event of a fall, the clamping internal system will stop the cable, strap uncoiling thanks to the activation of a calibrated lock which will stop the fall in optimal conditions. The equipment is adjusted in factory

so, to keep its results, under no circumstances its adjustment must be changed.

#### THE CHANGE OF AN ADJUSTMENT WOULD MAKE THE EQUIPMENT DANGEROUS

#### CHECKING BEFORE USE

Before each use, carry out a thorough visual examination to ensure that the PPE, as well as any other equipment with which it could be associated (connector, lanyard...) is complete. Make all necessary arrangements for the implementation of any rescue in total safety. In the event of your product being damaged, consult the manufacturer or his agent. If you have any doubts regarding the safe condition of the product, or if the product has been used to arrest a fall, it is essential to your personal safety that the PPE be withdrawn from service and sent back to the manufacturer or a qualified repair centre for checking, or destruction. Following examination, the centre will either deliver or refuse written authorisation to re-use the PPE. It is strictly forbidden to modify or repair a PPE yourself. Only the manufacturer or a repair centre is qualified to carry out these repairs (fig. 1.1).=

When the system is delivered with an integrated equipment, it is forbidden to replace one of the components of this system. Carefully check the following points :

- ✓ All the cable or the webbing winds out and in freely.
- ✓ The braking function operates by giving a quick tug on the cable, strap. The cable, strap should brake immediately. (Picture 1.2)
- ✓ The device is in good condition and the screws and the closing rivets are present and suitably fixed.
- ✓ The extremity of the cable or the webbing is suitably swaged or sewed.
- ✓ The carabiners provided with the device function and lock correctly.
- ✓ There is no trace of corrosion on the metallic parts.
- ✓ The cable or webbing does not show any sign of wear (tear, fraying, breaking, corrosion, etc...) (Picture 1.3)

#### NOTE

Self-retractable fall arresters are designed essentially to operate in a vertical position. However, Some models are also capable of operating in the horizontal position (for confirmation, contact the maker of his agent). But, before installing, it is highly advisable

to check there is no risk of pendulum movement and to protect the cable, strap from any cutting edges or abrasive surfaces.

For retractable fall arrester fitted with a fall indicator, check before use that the fall indicator has not been activated. Its activation demonstrates that the device has been subjected to a fall or a significant traction force. In this case, the device must be returned to the manufacturer or to a certified repair centre for checks (Picture 2)

#### USE

Connexion :

- ✓ The retractable type fall arrester harness can be connected to a reliable anchorage point by its handle or by a connector, a lanyard, a fibre-type sling compliant with standards EN 362, EN 354, EN 795.
- ✓ The connector situated at the end of the cable or of the strap of the equipment must be connected to the fall arrest anchorage point of the harness.

**ATTENTION DO NOT ATTACH THE CABLE, STRAP OF THE FALL ARRESTER TO OTHER POINTS THAN THOSE INTENDED FOR THIS SYSTEM. DO NOT ATTACH IT DIRECTLY TO THE WEBBING, ON THE ADJUSTMENT ELEMENTS OR ON THE ACCESSORY HOLDER. THE "D" BACK ANCHORAGE POINT OF THE HARNESS IS THAT WHICH WILL ALLOW, IN THE CASE OF A FALL, THE BEST POSITIONING (PICTURE 1.4)**

Limits of use (except in special cases - see specific manual):

- ✓ Temperature of use : from - 30°C to + 50°C (Picture 1.6)
- ✓ Must always be placed above the user (Picture 1.7)
- ✓ Limit of pendular movement inferior to 30° (Picture 1.8)
- ✓ Can not stop a sinking (pulverulents or muddy products) (Picture 1.9)

Precautions of use :

- ✓ Check that the height of the anchorage point above the work space is compatible with the capacity of the fall arrester and that sufficient clearance exists, which is compatible with the characteristics of the device in the case of a fall.
- ✓ Check that during use, the cable or the webbing does not get wound around an arm or a leg.
- ✓ Never try to modify or to repair PPE; Only the manufacturer or a certified maintenance centre is authorised to repair it.

- ✓ Never connect more than one person to the fall arrester.
- ✓ Never block the winding out of the cable, strap.
- ✓ The cable or the strap must always be tensed. In case of "slack", the equipment must be checked by the manufacturer.
- ✓ Lateral movements mustn't exceed one third of the distance ground / working surface.
- ✓ Make your movements on a normal walking speed. Accelerations, climbs and others engage the clamping system of the equipment.

This equipment is designed for a vertical use. If your cable drum has been designed for a special use (horizontal or inclined) you must follow the recommendations of the additional specific instruction.

#### AIR CLEARANCE

Before using a cable drum, check for a minimum space clearance below the user's feet as necessary, to prevent any collision with the structure or the ground.

With a weight of 100 kg in a normal use (cable drum above the head), the air clearance D is the stopping distance H + an additional distance A + 1M. A is function of the length of cable out L and the angle  $\alpha$  formed by the cable (or D, H, A and L in m and  $\alpha$  in °) (Picture 3) (except in special cases - see specific manual).

#### ANCHORAGE POINT :

If possible, to be used with anchorage devices (conformed to the EN 795 standard) or structural anchor, that is to say elements fixed to last, to a structure (wall, post...).

Check that the anchorage point :

- ✓ has a resistance superior to 12 KN (Picture 1.10)
- ✓ is situated above the operator (Picture 1.7)
- ✓ vertical to the work surface : (angle maxi  $\pm 30^\circ$ ).
- ✓ Suits at best the anchoring system
- ✓ Does not present sharp edge.

#### CARABINER

Connector is compliant with standard EN 362

- ✓ When the carabiner is used for attachment to an anchorage point, check for compliance with the recommendations of the "ANCHORAGE POINT" paragraph ;

#### AT THE MOMENT OF CONNECTION

#### TO THE CARABINER, CHECK THAT THE LOCKING SYSTEM IS CORRECTLY IN PLACE

##### ATTENTION

The carabiner is an essential element for your safety. We therefore recommend that you:

- ✓ attribute the connector to one person in particular, where possible;
- ✓ check the carabiner before each use in order to safeguard against any distortion, any sign of use and to verify the good functioning of the locking system. (Picture 4)
- ✓ do not attach and remove it several times during the same working day, if it has a manual lock

#### IN THE SAME WAY, IF THE CARABINER HAS BEEN USED TO STOP A FALL, IT IS ESSENTIAL FOR SAFETY REASONS TO RETURN IT FOR CHECKS.

#### PERIODIC EXAMINATION

These instructions must be kept with the product. Fill in the identification sheet and enter the markings information. This periodic examination, which verifies the effectiveness and strength of the equipment is indispensable in guaranteeing the user's safety (refer to the paragraph "checks before use"). A qualified person (manufacturer or a person or organization authorized by the manufacturer) must examine this equipment at least once each year (except in some specific cases - see the specific manual), in strict compliance with the instructions of the manufacturer and the examination must be recorded on the attached sheet. The frequency of the examination must be increased in accordance with regulations in case of heavy usage or in difficult environmental conditions. The legibility of the product markings must be checked.

#### MAINTENANCE AND STORAGE

Good maintenance and storage of your PPE will prolong the working-life of your product, while also ensuring your safety. The retractable fall arresters do not require any particular maintenance. However, it is advised to: o regularly clean the cable or the webbing and to check its state (cf § cleaning above) (Picture 1.11). To know the lanyard composition, see the additional specific instruction.

- ✓ Keep the lanyard in a place ventilated and far from direct fire or any other source of heat.
- ✓ do not oil the device (Picture. 1.12)
- ✓ check the functioning and the

braking of the device.

- ✓ make sure that no foreign body is in the casing.
- ✓ store the fall arrester, hanging up, in a ventilated place away from humidity and from ultraviolet lights (Picture 1.13)
- ✓ Avoid any corrosive, overheated or refrigerated atmosphere.

#### CLEANING

For textile components,

- ✓ Clean them with water and soft soap. Never use acid solvents or bases (Picture 1.14). For metallic cables,
- ✓ Brush them. Do not use solvents, water or detergent.
- ✓ Grease them regularly with universal grease.

#### LIFESPAN

The maximal life of PPE that is predominantly textile is evaluated as being 10 years after the date of manufacture ; the maximal life of PPE that is predominantly metal is evaluated as being unlimited but, however, this maximal life is reduced to 10 years after the date of manufacture for non-opening products (except in some specific cases - see the specific manual). However, the following factors may reduce the performance of the product and its lifespan : in correct storage, improper use, fall arrest, deformation, contact with chemical products (alkali and acid), exposure to sources of heat > 60°C .

In order to improve the working-life of your device, it is advised not to:

- ✓ let go of the cable, strap when it is completely unwound but follow it when it winds back into the fall arrester. (Picture 1.15)
- ✓ leave the cable, strap or the webbing out when not in use.
- ✓ expose the device to violent manipulations or to shocks.
- ✓ expose the fall arrester to bad weather.

#### TRANSPORT

During transport, check that your PPE is stored well away from any source of heat, damp, corrosive atmosphere, ultraviolet rays, etc. ...

#### PACKAGING

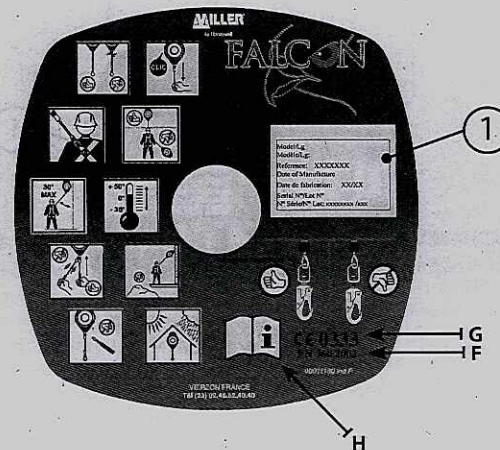
This PPE is sold in rot proof and waterproof plastic packaging, with its instructions for use.

MARKINGS (p71)

# FALCON CABLE SRL 6,2 à 20m



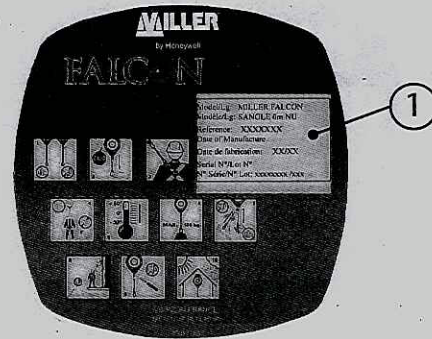
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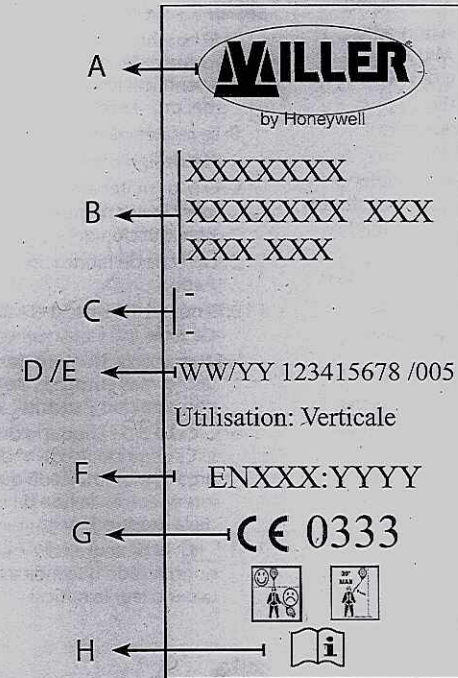
Model/Lg: Falcon Xm G + Y	← I B/C
Modèle/Lg:	
Reference: XXXXXXXX	← I B
Date of Manufacture	
Date de fabrication: XX/XX	← I D
Serial N°/Lot N°	
N° Série/N° Lot: xxxxxxxx /xxx	← I E

# FALCON SANGLE 6m



Model/Lg: MILLER FALCON Modèle/Lg: SANGLE 6m NU	← B/C
Reference: XXXXXXXX	← B
Date of Manufacture: XX/XX	← D
Serial N°/Lot N° N° Série/N° Lot: xxxxxxxx /xxx	← E

# AVIABLOC 1,5 - 2,5 m



**EN**

### MEANING OF LABELING

- A: The name, trademark or any other means of identifying the manufacturer or the supplier,
- B: The product description and/or its reference, size,
- C: The material(s) of the main synthetic fibres used in the construction of the equipment
- D: The year of manufacture,
- E: The batch or serial number.
- F: EN xxx:xxxx: Number of the European conformity standards and their years
- G: **CE 0333**: EC logo followed by the number of the organization notified to monitor the production.
- H: : The standardized pictogram informing the user to read the instructions.

**FR**

### SIGNIFICATION DU MARQUAGE

- A: Le nom, la marque commerciale ou tout autre moyen d'identification du fabricant ou du fournisseur
- B: La référence du produit  
-La désignation du produit et / ou sa taille
- C: Le ou les principaux matériaux de construction de l'équipement
- D: La date de fabrication (semaine / année)
- E: Le numéro de lot ou le numéro de série
- F: EN xxx : xxxx : Numéro des normes européennes de conformité et leur année
- G: **CE 0333** : Logo CE suivi du n° de l'organisme notifié intervenant dans la phase de contrôle de la production
- H: : Le pictogramme normalisé indiquant à l'utilisateur de lire la notice

# MILLER<sup>®</sup>

by Honeywell



90011466 ind F 26/06/2013



**RETRACTABLE INSPECTION SHEET**  
**FEUILLE D'INSPECTION**  
**TRAUKIMO MECHANIZMO PATIKROS LAPAS**  
**TAGASIKERIVA KUKKUMISVASTASE VARUSTUSE ÜLEVAATUSE LEHT**  
**IEVELKAMA PÄRBAUDES LAPA**

**CE**