

Sellstrom/RTC® Beamwalker®

Installation, Operating & Maintenance Instructions

SM/RTC® Beamwalker®

The SM/RTC Beamwalker is a temporary horizontal lifeline system that protects workers from fall hazards while providing them with the mobility they need to perform their jobs. It is intended for use as part of a complete fall arrest system.



WARNINGS



**To the Receiver,
Contractor, Store
Manager, Safety
Director, Supervisor,
Buyer, or anyone except
the ultimate equipment
users:**

Under Penalty of Law

These instructions are not to be removed except by the user of this equipment. Current instructions must always be available to any potential user. Note: Because of continuous developments in the application and use of SM/RTC equipment and our desire to serve your best interests, these instructions are invalid 10 years after the effective date on these instructions. If these instructions are out of date, call SM/RTC Customer Service and request current instructions. Dial toll free (800)323-7402 (U.S. and Canada) or (847)358-2000.

If you have difficulty or experience any problem with SM/RTC equipment or the instructions, call SM/RTC immediately and ask the Customer Service Department for assistance.

It is the responsibility of the user's management to review these instructions periodically, and to ensure compliance with every requirement to maintain the system's designed integrity. The equipment purchased is designed to be used as a part of a complete fall protection system and is to be inspected and maintained regularly.

WARNINGS Continued . . .

Sellstrom/RTC® Beamwalker®

Installation, Operating & Maintenance Instructions

WARNINGS



To the Equipment User:
You must read and fully understand or have the following instructions explained to you before using this equipment. Failure to do so could result in serious or fatal injury.

Atencion: Si usted no puede leer el ingles o si usted no comprende estas instrucciones, favor de consultar su director de seguridad o su supervisor.

Attention: Si vous ne pouvez pas lire l'anglais ou si vous ne comprenez pas les instructions, consultez votre directeur de securite ou votre superviseur.

Achtung: Wenn Sie nicht Englisch lesen können und diese Anweisungen nicht verstehen, dann fragen Sie bitte Ihren Sicherheitsdirektor oder Ihren Aufselher.

Attenzione: Se non leggiere l'inglese o non capite queste istruzioni, per favore rivolgete Vi al Vostro Direttore, responsabile della "Sicurezza sul Lavoro" o al Vostro diretto superiore.

You assume complete liability if you fail to follow these instructions and are injured.

A "no" answer to any question on the Safety Checklist at the end of these instructions, either before or during product use, is an unsafe use of this equipment. Use this equipment only as instructed.

Warning: All SM/RTC equipment should be used as part of a complete SM/RTC fall protection or emergency rescue system. If the buyer or user chooses to disregard this warning, he is solely responsible for the safety of the entire system and all users.

Before replacing or adding components to a fall protection or emergency escape system, consult the original manufacturer. Federal OSHA further states that any unauthorized substitution or change to a system by the buyer should be fully evaluated or tested by a qualified person before the new system is put into use (see OSHA 1926.500).

All potential users of this equipment and user's management must read and understand all instructions fully; failure to do so could result in serious or fatal injury.

No fall arrest system can guarantee that you will not sustain injuries if a fall occurs. The most you can expect is that injuries will be substantially reduced. What you can be sure of is that improper use of this equipment will vastly increase your chances of serious injury or death because misuse builds false security. To achieve the maximum level of safety that this equipment is capable of providing, all instructions must be followed diligently. This means careful planning of your application and work method.

Sellstrom/RTC® Beamwalker®

Installation, Operating & Maintenance Instructions

Complete System Components

A complete fall protection system consists of the following components that are arranged to fit the specific work task and control the elevated fall hazard(s):

- **Anchorage**

An anchorage, as defined by OSHA, "shall be independent of any anchorage being used to support or suspend platforms and capable of supporting at least 5,000 pounds per employee attached, or shall be designed, installed and used as follows: as part of a complete personal fall arrest system which maintains a safety factor of at least two; and under the supervision of a qualified person."

For horizontal lifelines it is important to remember that the anchorages must be designed and installed according to the instructions provided using a safety factor of at least two. Anchorages for horizontal lifelines may require anchorage strengths greater than 5,000 lb. Refer to the specific instructions for each horizontal lifeline for anchorage requirements.

- **Body Support**

A body support is the component of a personal fall protection system that is worn on or around the body. Full body harnesses must be used for all fall arrest systems.

- **Connecting Means**

A connecting means is the link between the body support and anchorage. It can be a shock-absorbing lanyard, rope grab, self-retracting lanyard or retrieval system. Connecting means will vary depending on the application.

The user must also have a rescue plan and the means at hand to implement it in the event of a fall.

Note: For continuous protection, more than one system may be needed.

Warning



No other applications or methods of use are allowed without prior written approval.

Sellstrom/RTC® Beamwalker®

Installation, Operating & Maintenance Instructions

Table of Contents	Section	Page	Section	Page		
	1.0	Approved Applications	4	8.0	Inspection	13–15
	2.0	System Parameters	4–9	9.0	Maintenance, Service and Storage	15
	3.0	Installation	10	10.0	Parts Identification Guide	16
	4.0	Compatible Components	11	11.0	Special Warnings	17
	5.0	Training	11	12.0	Safety Checklist	18
	6.0	Use	12	13.0	Inspection and Maintenance Log . .	19
	7.0	Rescue	13			

1.0 Approved Application

The Beamwalker system can be used in temporary work areas for two hours or up to one month. It can be used both indoors and outdoors: Typical applications are transmission towers, shipyards,

construction sites; and on buildings, bridges dams, tanks, scaffolds, and other elevated workstations. The Beamwalker can be set up for one or two workers of up to 310 lb. each.

2.0 System Parameters

2.1 The safe use of the Beamwalker Horizontal Lifeline depends on the evaluation of several parameters. For each parameter, refer to the appropriate table below and the instructions that follow. These values are based on proper use, installation, equipment, and tensioning. The tables are divided by the number of users that will be on the system at one time. For one user use Table 1. For two users use Table 2.

2.2 The following must be verified on site prior to installation of the Beamwalker Horizontal Lifeline:

- The anchorages meet all the requirements listed in these instructions for the system.
- There is adequate clearance below the walking-working surface as explained in these instructions.

2.3 Follow the steps below to determine the system parameters for installation.

2.4 System Span:

2.4.1 Measure the distance between the anchorages. This distance is the system span.

2.5 Anchorage Strength Requirements

2.5.1 Responsibility: Anchorage design, fabrication, and installation are the responsibility of the user. If pre-fabricated anchorages, anchorage connectors, or anchorage slings are purchased from SM/RTC, the user must verify that the support structure to which they are attached is capable of supporting the loading.

2.5.2 Design: Horizontal lifelines shall be designed, and installed as part of a complete personal fall arrest system, which maintains a safety factor of at least two, under the supervision of a qualified person. The anchorage at each end of the lifeline must be stable and should be independent of the working surface. The anchorage must be

Continued...

Sellstrom/RTC® Beamwalker®

Installation, Operating & Maintenance Instructions

2.0 System Parameters

Continued

able to support the loading in any direction of pull.

2.5.3 Loading: The anchorage loading that occurs during a fall arrest is a function of the number of users on the system. For one person attached to the Beamwalker, the maximum anchorage load will be 1,400 lb. For two people attached to the Beamwalker, the maximum anchorage load will be 2,000 lb. Determine the number of users that will be using the system at one time. This value is based on proper use, installation, equipment, and tensioning. The anchorage needs to be designed with a minimum safety factor of 2.

	One User	Two Users
Anchorage Loading	1,400 lb.	2,000 lb.
Minimum Anchorage Design Load	2,800 lb.	4,000 lb.

2.5.3.1 For example, two people will use a Beamwalker at the same time. The anchorage load will be 2,000 lb. Multiply 2,000 lb. by 2 to arrive at a minimum anchorage design load of 4,000 lb.

2.6 Minimum Clearance Required

2.6.1 Minimum Clearance Required For Use with Self-Retracting Lanyards (SM/RTC 2008 Retractor)

2.6.1.1 Use only SM/RTC 2008 series Retractors.

2.6.1.2 Determine the number of users that will be using the system at one time. For 1 user use table 1. For 2 users use table 2.

2.6.1.3 Find the system span length closest to the actual system span length (see section 2.3) in the column labeled "System Span."

2.6.1.4 Read across to the column marked "Minimum Clearance Required for Use with a Self-retracting Lanyard." This value represents the minimum clearance necessary below the walking-working surface to safely arrest a fall. This value is based on proper use, installation, equipment, and tensioning.

2.6.1.5 For example, a 121 ft. span of Beamwalker is anchored at 7 ft. above the walking working surface, and 1 worker will be using the lifeline with self-retracting lanyards. Based on table 1, reading across from 120 ft. in the span column, to the column marked "Minimum Required Clearance for use with a Self-retracting lanyard" shows 19.3 ft; therefore, make sure there are no obstructions within 19.3 ft. below the walking-working surface.

2.6.2 Minimum Clearance Required For Use with Shock Absorbing Lanyards

2.6.2.1 Use only SM/RTC shock absorbing lanyards.

2.6.2.2 Determine the number of users that will be using the system at one time. For one user use Table 1. For two users use Table 2.

2.6.2.3 Find the span length closest to the actual span length (see section 2.3) in the column labeled "System Span."

Sellstrom/RTC® Beamwalker®

Installation, Operating & Maintenance Instructions

2.0 System Parameters

Continued

2.6.2.4 Read across to the column marked "Minimum Clearance Required for Use with a Shock-absorbing Lanyard". This value represents the minimum clearance necessary (once free fall has been added) below the walking-working surface to safely arrest a fall. This value is based on proper use, installation, equipment, and tensioning.

2.6.2.5 The free fall distance must be determined and added to the value from the table as explained in section 2.6.2.4. The free fall distance can be determined by using the formula:

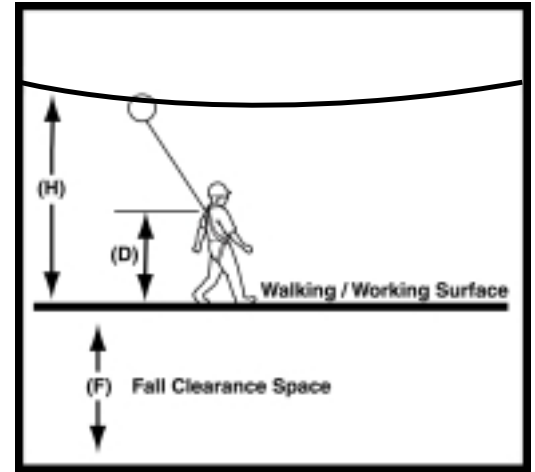
$$FF = L + D - H$$

FF = Free Fall

L = the length of the lanyard.

D = the height of the worker's D-ring from the walking-working surface. This can normally be assumed to be 5 ft.

H = Height of the HLL from the walking-working surface. Please note that the height of the HLL is not necessarily the height of the anchorage. Consider the sag of the cable.



2.6.2.6 For example, a 121-ft. span of Beamwalker is 7 ft. above the walking-working surface, and 2 workers will be using the lifeline with 6-ft. shock absorbing lanyards. Calculating the free fall: The free fall is calculated by using the above equation. (4 ft = 6 ft. + 5 ft. - 7 ft.)

Calculating the clearance: Based on Table 2, reading across from 120 ft. in the span column, to the column marked "Minimum Required Clearance for use with a Shock-absorbing lanyard" shows 28.2 ft. + Free Fall. The minimum clearance is calculated to be 32.2 ft. (28.2 ft. + 4 ft.); therefore, make sure there are no obstructions within 32.2 ft below the walking-working surface.

Continued...

Sellstrom/RTC® Beamwalker®

Installation, Operating & Maintenance Instructions

2.0 System Parameters

Continued

2.6.3 If the clearance between the walking/working surface and the ground or danger level is less than the clearance determined from these instructions, do not proceed. Please call SM/RTC to review your application. If the clearance measured on site is equal to or greater than the clearance determined from the instructions above, proceed with the installation.

2.7 Pretension: The Beamwalker Horizontal Lifeline must be tensioned correctly for the system to work. Follow the installation instructions to correctly tension the lifeline.

2.8 For example, 2 people using 4-ft. shock-absorbing lanyards will use a Beamwalker Horizontal Lifeline. The distance between the anchorages (span) is 48 ft. The lifeline is anchored at 6 ft. above the walking-working surface. The height of the D-rings is 5 ft. above the walking-working surface. The appropriate values from Table 2 are as follows:

- System Span: 48 ft. (Use the values from the 50-ft. row.)
- Anchorage Loading due to a fall: 2,000 lb.
- Design Load for Anchorage: 2,000 lb. x 2 = 4,000 lb.
- Free Fall: 3 ft. (4 ft. + 5 ft. – 6 ft. = 3 ft.)
- Clearance required below walking-working surface: 19.1 ft. (16.1 ft. + 3 ft. = 16.1 ft.)

System Span (ft.)	Minimum Required Clearance	
	For use with a 2008 Self-retracting Lanyard (ft.)	For Use with a Shock-absorbing Lanyard (ft.)
50	13.5	16.1 + Free Fall

Continued...

Sellstrom/RTC® 9260 Beamwalker®

Installation, Operating & Maintenance Instructions

2.0 System Parameters

Continued

Table 1: One Person

System Span (ft.)	Minimum Required Clearance	
	For Use with a 2008 Self-retracting Lanyard (ft.)	For Use with a Shock-absorbing Lanyard (ft.)
10	5.9	8.7 + Free Fall
20	7.1	9.9 + Free Fall
30	8.3	11.1 + Free Fall
40	9.5	12.3 + Free Fall
50	10.7	13.5 + Free Fall
60	11.9	14.8 + Free Fall
70	13.2	16.0 + Free Fall
80	14.4	17.2 + Free Fall
90	15.6	18.4 + Free Fall
100	16.8	19.6 + Free Fall
110	18.0	20.9 + Free Fall
120	19.3	22.1 + Free Fall
130	20.5	23.3 + Free Fall
140	21.7	24.5 + Free Fall
150	23.0	25.8 + Free Fall

Continued...

Sellstrom/RTC® Beamwalker®

Installation, Operating & Maintenance Instructions

2.0 System Parameters

Continued

Table 2: Two People

System Span (ft.)	Minimum Required Clearance	
	For Use with a 2008 Self-retracting Lanyard (ft.)	For Use with a Shock-absorbing Lanyard (ft.)
10	6.6	9.2 + Free Fall
20	8.3	10.9 + Free Fall
30	10.0	12.6 + Free Fall
40	11.8	14.4 + Free Fall
50	13.5	16.1 + Free Fall
60	15.2	17.8 + Free Fall
70	16.9	19.5 + Free Fall
80	18.7	21.3 + Free Fall
90	20.4	23.0 + Free Fall
100	22.1	24.7 + Free Fall
110	23.9	26.5 + Free Fall
120	25.6	28.2 + Free Fall
130	27.3	30.0 + Free Fall
140	29.1	31.7 + Free Fall
150	30.8	33.5 + Free Fall

2.9 Anchorage Location: The proper height of the lifeline above the work surface level, and clearance below the work level are critical for safety.

2.9.1 For systems equipped with self-retracting lanyards, the height of the Beamwalker Horizontal Lifeline must be such that the web of the self-retracting lanyard is taut at all times. A height of 7 ft. or more from the walking-working surface is recommended.

2.9.2 For systems equipped with shock absorbing lanyards, the height of the Beamwalker horizontal lifeline must be rigged so that no more than a 6 ft. free fall is possible.

2.9.3 For systems anchored to 4 ft. post systems, use a shock-absorbing lanyard not more than 4 ft. long. Free fall must not exceed 6 ft.

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Sellstrom/RTC® Beamwalker®

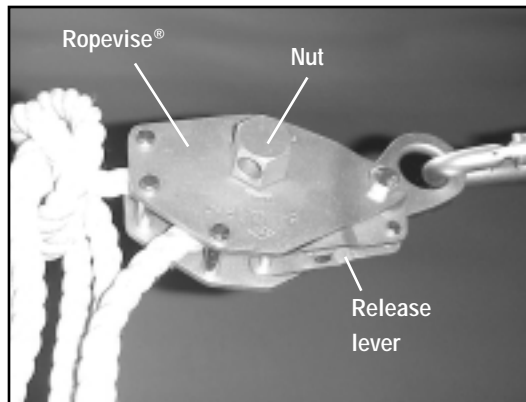
Installation, Operating & Maintenance Instructions

3.0 Installation

3.1 Verify that the anchorages meet the requirements of sections 2.5 and 2.9.

3.2 Verify that the clearance below the walking working surface is adequate. (See section 2.6)

3.3 If the above parameters are acceptable and consistent with the application, proceed with the installation. Please note, an additional fall arrest system may be required during installation and removal of the system to achieve 100% fall protection.



3.4 Visually inspect the Beamwalker before every use according to section 8.0.

3.5 If needed, attach appropriate anchorage connectors to the anchorages according to the instruction provided with the anchorage connector. Make sure that the anchorage connectors are installed at the same elevation and there is no more than 5 degrees of slope in the line.

3.6 Connect the end of the Beamwalker with the spliced eye to one anchorage using the carabiner provided.

3.7 Connect the Ropevise® end of the Beamwalker to the other anchorage using the carabiner provided.

3.8 Pull the back spliced end of lifeline through the Ropevise by hand until the slack has been removed.

3.9 Make sure release lever is in the closed position.

3.10 Use a torque wrench to rotate the Ropevise nut clockwise to a maximum force of 64 ft-lb. The recommended tension force on the line is 440 lb. DO NOT OVERTIGHTEN.

3.11 Tie a large figure-eight knot in the loose end of the rope near the Ropevise.

Note: The buyer is responsible for ensuring proper strength and reliability of anchorage points and for proper installation.

In extremely cold weather, moisture in the Beamwalker may freeze, stiffening the rope considerably. Therefore installation is preferable above freezing point.

Important! Do not connect any snaphook or carabiner from the fall arrestor directly to the Beamwalker Horizontal Lifeline. Connect to the O-ring.

Sellstrom/RTC® Beamwalker®

Installation, Operating & Maintenance Instructions

4.0 Compatible Components

Beamwalker Horizontal Lifelines are engineered systems based on calculations, empirical information, and testing. The fall arresters used with the system have been designed to stop a fall within a predictable limit. This design includes such factors as

weight, brake mechanisms, torque settings, etc. Any fall arrestor other than an SM/RTC 2008 Retractor or SM/RTC shock absorbing lanyard has not been engineered or tested as a system, and must not be used.

5.0 Training

All training must be conducted under careful and competent supervision. Live hands-on training for all users is essential to help understand the capabilities and limitations of their personal protective equipment. Training also helps promote confidence and should be conducted as an initial introduction as well as periodically for review and additional practice. Also, this instruction booklet should be stored where users can easily review it whenever necessary. Following is a suggested list of training objectives. Training should be site specific and may need to cover more topics than are listed here.

- Recognize fall hazards, and eliminate the hazard where possible.
- Know the parts of a fall arrest system: Anchorage, Body Support, Connection, and Rescue.
- Select the proper equipment for each application.
- Consider environmental and other workplace factors.
- Avoid incompatible connections and snap hook rollout (burst-out).
- Determine and reduce free fall distances.
- Lower the maximum arresting force.
- Properly fit a harness.
- Select an appropriate anchorage.
- Implement a pre-determined rescue plan.
- Inspect and maintain equipment.
- Understand the limitations and requirements of the equipment.
- Understand the consequences of not following or understanding these instructions.

Sellstrom/RTC® Beamwalker®

Installation, Operating & Maintenance Instructions

6.0 Use

Warning



Important! User must inspect the entire system before each use including all harnesses and fall arresters. Use only the components provided with the system.

6.1 Attach deceleration device (2008 Retractor or shock-absorbing lanyard) to the O-ring provided. Do not attach snaphooks or carabiners directly to the lifeline.

6.2 Connect fall arrest equipment to the Beamwalker O-ring only. Do not attach to anchorage posts, eyebolts, or any other component of the system besides the lifeline itself.

6.3 Connect the snaphook of the self-retracting lanyard or shock-absorbing lanyard to the back D-ring of your full body harness. Use only a full body harness with the Beamwalker Horizontal Lifeline System.

6.4 Work primarily under the Beamwalker Horizontal Lifeline. Make sure that any swing fall does not exceed the free space of any potential fall to avoid serious injury or death from collisions. If work is not done directly under the Beamwalker Horizontal Lifeline, additional clearance must be available for additional free fall.

6.5 Keep the self-retracting lanyard or shock absorbing lanyard connection overhead at all times to minimize swing fall injuries.

6.6 When working on a moveable surface such as a rail car or trailer, it is important to implement a lockout, tag-out program. This is the responsibility of the customer.

6.7 When the system has been subjected to a fall, it should be removed from service immediately. Remove from service. Mark "DO NOT USE". Call SM/RTC to arrange for repair and recertification.

6.8 After use, remove the Beamwalker by pulling the release lever away from the Ropevise®. Be careful not to damage the rope. Please note an additional fall arrest system may be required during installation and removal of the system to achieve 100% fall protection.

Continued...

Sellstrom/RTC® Beamwalker®

Installation, Operating & Maintenance Instructions

7.0 Rescue

The user must have a rescue plan and the means at hand to implement it in the event of a fall. Although every scenario cannot be anticipated, a site specific rescue plan must be developed for each worksite. The following suggestions may be helpful in developing this plan.

- Post emergency information and plans where they are readily available in the event of an emergency.
- Make sure that a secondary fall protection system is available for the use of rescuers.
- There is always the risk of injury to the spine in a fall. If the person must be moved, do so with caution. If available and time permits, other professional emergency response services such as the fire department should be called to carry out the rescue.
- The time taken to rescue a fall casualty should be kept to a minimum. Even wearing a full body harness, a casualty may not remain conscious for long due to restricted blood circulation. Expedience is critical.

8.0 Inspection

8.1 Inspection Frequency: The user must inspect the Beamwalker Horizontal Lifeline before each use. Additionally, a competent person other than the user must inspect the Beamwalker Horizontal Lifeline at intervals of no more than six months. The competent person inspection is referred to as formal inspection. A detailed record of formal inspection dates must be maintained. A sample inspection and maintenance log is provided at the end of these instructions for your convenience. An inspection grid is also provided on the Beamwalker Horizontal Lifeline label to indicate the last formal inspection date. Punch inspection date on grid if the system passes formal inspection. If 6 months has passed since last formal inspection, tag the item for non-use until a competent person can inspect it.

If damage is found or you have questions, or any doubts about the equipment's condition do not use the equipment. Tag the system for non-use and contact SM/RTC Customer Service for advice. When the system has been subjected to a fall, it should be

removed from service immediately. Contact SM/RTC for repair or replacement advice.

8.2 Application

8.2.1 Check clearance below work surface including obstructions in the path of a potential fall. The clearance determined in section 2.5 must be maintained at all times. Remove sharp or dangerous obstructions from the path of possible fall.

8.2.2 Check that work is done substantially under the Beamwalker Horizontal Lifeline and that any swing fall does not exceed the free space of any potential fall to avoid serious injury or death from collisions. If work is not done directly under the Beamwalker Horizontal Lifeline, additional clearance must be available for additional free fall.

8.3 Rope:

8.3.1 All Beamwalker Horizontal Lifelines that are subject to paint or solvent over-spray must be replaced on a regular preventive maintenance schedule.

Continued...

Sellstrom/RTC® Beamwalker®

Installation, Operating & Maintenance Instructions

8.0 Inspection

Continued

8.3.2 Product age, UV and chemical exposure, and normal use will reduce strength and performance.

8.3.3 Bend the rope in a U-shape between your hands. Untwist the rope slightly, and check the inside fibers. This will help to reveal frayed, worn, cut, broken, burnt, or damaged fibers. Check all sides of each strand along the entire length. Table 3 summarizes detailed visible signs of exposure.

8.3.4 The entire length of the rope should be a uniform diameter. Areas where there is a noticeable change from the original diameter may have been weakened from a fall.

8.3.5 Check points of wear on rope, over end posts, or next to obstructions. Never wrap the line around angle irons, columns, or other shapes with cutting or abrasive edges.

8.3.6 Check all splices for unraveling. Each splice must be tight, with a minimum of 5 tucks.

8.3.7 Knots in a lanyard or lifeline can reduce tensile strength by 50 percent or more. Remove knotted ropes from service and destroy.

8.3.8 Thimbles: Thimbles should not move within the eye of the rope. Check for sharp edges, burrs, and distortions.

8.4 Hardware:

8.4.1 Carabiners: All carabiners must close and lock every time; be sure they do not stick open because of damage or dirt. Ensure that the hook opens properly when you rotate the gate and that the gate self-closes and locks fully. Examine all hook parts carefully for cracks, broken or bent conditions, and to ensure that they are free of burrs or other signs of damage. See snaphook and carabiner instructions.

8.4.2 D-rings and O-rings: Check for rough or sharp edges, burrs, cracks, dents, or any distortions.

Table 3: Type of Exposure

Type of Webbing	Heat	Chemicals	Flame or Molten Metal	Paint and Solvents	Dirt and Grit
Polyester	Fibers become brittle and will shrivel and turn brown in color and break when flexed; should not be used above 140° F.	Fibers change color and texture similar to a brownish smudge or smear, will become less elastic with transverse cracks resulting from bending.	Fiber strands fuse together, become hard, brittle and shiny in appearance.	Paint can penetrate into the weave and dry causing the webbing to become hard, brittle and eventually break the fibers. Solvents and drying agents within paint cause damage similar to chemical exposure.	Particles work into the weave and can cut and fray fibers.

Continued...

Sellstrom/RTC® Beamwalker®

Installation, Operating & Maintenance Instructions

8.0 Inspection

Continued

8.4.3 Ropevise: Center pulley must rotate freely. Locking arm and release bar must operate smoothly and completely. Check all parts for rough or sharp edges, corrosion, burrs, cracks, dents, or distortions.

8.5 Labels: Check to see that labels are intact and legible. If the system passes inspection mark the inspection date on the inspection grid.

8.6 Additional Equipment: Inspect all fall protection equipment used with the system as directed in the instructions for each piece of equipment.

8.7 If the equipment is damaged, remove from service and mark "DO NOT USE". Contact SM/RTC customer service to arrange for repair or replacement.

9.0 Maintenance, Service and Storage

Washing: Beamwalker can be washed with soap or mild detergent in warm water. If dust or debris builds up on the rope, it can also be sprayed with water.

Storage: Store unused Beamwalker Horizontal Lifelines in a cool, dark, dry place.

Sellstrom/RTC® Beamwalker®

Installation, Operating & Maintenance Instructions

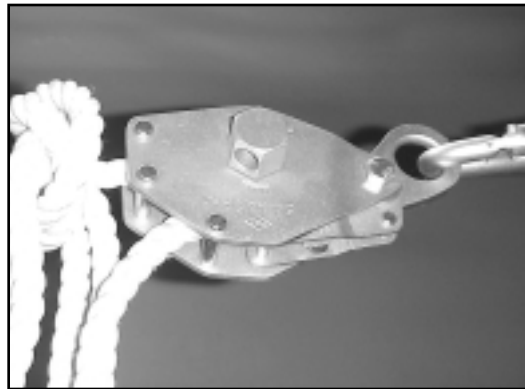
10.0 Parts Identification Guide



O-ring



Carabiner



Ropevise®

Sellstrom/RTC® Beamwalker®

Installation, Operating & Maintenance Instructions

11.0 Special Warnings

Never allow the Beamwalker to be used where it may be damaged by heat or abrasives from such work conditions as welding or grinding or where the rope may come into contact with loads such as suspended I-beams and become damaged.

Never allow unauthorized parts in the Beamwalker Horizontal Lifeline.

Use only SM/RTC termination hardware provided with the system.

Always maintain the minimum clearance needed. This clearance includes ANY obstruction that is in the fall path.

Because of continuous developments in the use of SM/RTC equipment and our desire to serve your best interests, these instructions are invalid ten years after the date on these instructions. Call SM/RTC Customer Service for current instructions. Dial Toll-Free 1-800-323-7402. If you have difficulty or experience a problem with SM/RTC equipment or instructions, you are requested to call the above Toll Free number immediately and ask the Customer Service Department for assistance.

Swing Fall Hazard: Always check for obstructions below your working area to make sure your potential fall path is clear. Work directly under the anchorage point at all times.

Swing falls can be controlled in at least two ways. First, an engineered fall protection system can be used to help maintain the attachment point overhead, thereby allowing the fall arrest to occur in a vertical plane. Possible systems include SM/RTC Permacable Horizontal Lifelines, SM/RTC Sky Anchor Systems, or SM/RTC I-beam Trolley Systems. Second, raise the height of the anchor point, thereby reducing the angle of the arc and force of the swing. Don't take any chances. If you have any doubts or questions, please contact SM/RTC.

Important: Carefully review the mobility needed to complete the required work task, including travel to and from the work station. For continuous and complete fall protection, more than one SM/RTC system may be required.

Beamwalker Horizontal Lifelines must not be used near heat sources or where the temperature is above 140° F.

Protect Beamwalker from abrasion.

Sellstrom/RTC® Beamwalker®

Installation, Operating & Maintenance Instructions

12.0 Safety Checklist

All operators and users of SM/RTC equipment MUST be able to answer "yes" to all of the following questions before installing or using any SM/RTC equipment:

- ✓ Has all equipment been assembled and installed according to SM/RTC instructions?
- ✓ Has all equipment been inspected and maintained in accordance with SM/RTC instructions?
- ✓ Has all equipment been visually inspected immediately before use and found to be in good condition and proper working order?
- ✓ Does the anchorage point meet SM/RTC requirements?
- ✓ Is the equipment being used in accordance with the maximum load capacities?
- ✓ Is the equipment suited for the intended work task, including travel to and from, and is it capable of providing continuous protection?
- ✓ Has each user been recently (within 6 months) trained in the proper and safe operation and use of the equipment?
- ✓ Do all users fully understand the instructions and agree to use the equipment in a safe manner?
- ✓ Is each person using this equipment in good health, and not under the influence of drugs or alcohol?
- ✓ Has SM/RTC been called (toll free) if you or any user does not know how to comply with these or any of the requirements of this instruction booklet?

Warning



Do not use SM/RTC equipment if you answer "NO" to any of the questions above!

Sellstrom/RTC® Beamwalker®

Installation, Operating & Maintenance Instructions

13.0 Inspection and Maintenance Log

Length of System: _____

P/N: 4000- _____

Mfg. Date: _____

Date									
Inspection Item									
Rope									
Rope Splices									
Ropevise®									
Thimbles									
O-ring									
Carabiners									
Harnesses									
SRL's/Lanyards									
Clearance									
Tension									

