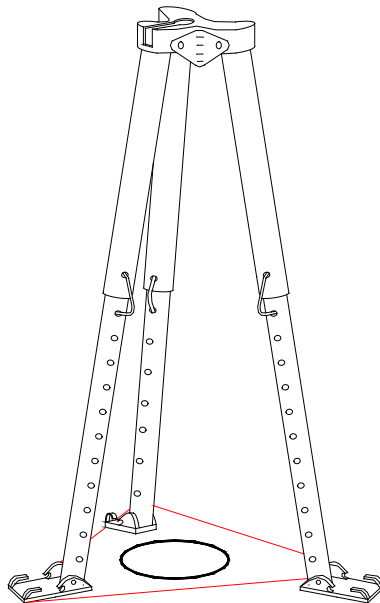


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**USER'S INSTRUCTION MANUAL FOR THE INSTALLATION,
OPERATION & MAINTENANCE OF THE
FALLTECH™ 7275 6' to 11' ADJUSTABLE TRIPOD**



WARNING

This is a design compatible component for a comprehensive FallTech personal fall arrest, work positioning or rescue and evacuation system. Each component includes an instruction manual. These instructions must be provided to the user of this equipment prior to use. **AS A USER, YOU MUST READ, UNDERSTAND AND FOLLOW THE MANUFACTURER'S INSTRUCTIONS, LABELS AND WARNINGS** for each component part of the complete system before using it. If you do not understand the instructions, labels and warnings for the use and maintenance of this component, have them explained to you. **ANY MISUSE OF THIS COMPONENT, ANY ALTERATION OR MODIFICATION OF IT, OR FAILURE TO PROPERLY FOLLOW THESE USER'S INSTRUCTIONS, MAY RESULT IN SERIOUS INJURY OR DEATH.**

1.0 PRODUCT DESCRIPTION AND APPLICATIONS

FALLTECH Part Number: 7275 Adjustable Tripod

The FallTech 7275 Adjustable Tripod is designed to be used in applications where a fall hazard exists, but there is no means of arresting a fall. The FallTech Tripod is designed to be part a comprehensive confined space entry, retrieval, and rescue system. It provides a portable anchorage for a variety of different systems, such as those available from FallTech. The tripod collapses down to 6 feet and can extend can extend to an overall height of 11 feet. The telescoping legs have adjustment holes 5 inches. A built-in pulley at the head provides smooth travel for the primary retrieval line. Additionally, three side mount anchor points are provided for accessory pulleys and lifeline. The feet are shaped with a large point at one end, allowing the tripod to be driven into loose ground surfaces for more stability. Three retention pins located at the head allow the legs to be locked in place after set-up. A retention web assembly is looped through the feet to keep the legs from legs from splaying out under extreme load. The legs are extruded and aluminum and anodized for protection. The tripod is rated for 5,000 pounds as an anchorage connector.

This system has been designed and tested to be used with FallTech Personal Fall Arrest Equipment (PFAS) only. It has been designed for personal fall arrest, material handling, work positioning or confined space rescue and evacuation.

The following limitations must be considered when planning to use this product. Failure to do so may result in serious injury or death:

- The FallTech 7275 Adjustable Tripod must be properly installed following the guidelines set forth in Section 6.0
- The maximum working load for this Tripod is 310lbs
- PFAS used with this Tripod must meet applicable federal and state regulations set forth in Section 6.1

In addition to the above limitations, the following environmental and physical factors must also be considered prior to use:

- High heat (metal cutting or welding slag)
- Sharp edges
- Electrical lines

2.0 PRODUCT SPECIFICATIONS

Material of Construction	Aluminum.
Diameter of Opening at 6 ft	51.5” between legs
Diameter of Opening at 11 ft	51.5” between legs
Leg Height Adjustment Increments	5 inches
Max Working Load-Personnel	310 lbs. (including tools)
Safe Working Load	800 lbs.

3.0 SYSTEM REQUIREMENTS

Anchorage

Anchorage points used for Personal Fall Arrest Systems must be designed to meet the requirements set forth by ANSI Z359.1-1992, section 7.2.3, which is consistent with OSHA 1910.66 Appendix C. Anchorages must have strength capable of supporting static loads, applied in the direction permitted by the PFAS, of at least:

- (a) 3,600 lbs. when certification exists; or
- (b) 5,000 lbs. in the absence of certification

If more than one personal fall arrest system is attached to an anchorage, the anchorage strengths set forth in (a) and (b) of this section must be multiplied by the number personal fall arrest systems attached to the anchorage.

Compatibility of System

The FALLTECH Permanent Horizontal Lifeline System has been designed to be used only with FALLTECH approved components. If FALLTECH equipment is used with other fall arrest equipment that is not compatible, the integrity of the system may be jeopardized. If you have questions concerning equipment compatibility, please contact your local field representative or FALLTECH at (800) 719-4619.

Limitations Of System

System Capacity – 7275 6’ to 11’ Adjustable Tripod has a maximum capacity of three workers. There must also be adequate clearance beneath the walking/working surface (see section titled clearance below) for the system to function properly. The maximum worker’s weight, including tools, cannot exceed 310 pounds. Consult your FALLTECH sales representative if you have any questions concerning your application.

Corrosion – Harsh environments can cause corrosion of metal parts. The Permanent Horizontal Lifeline System should not be left in corrosive environments for extended periods of time. Additional inspections may be necessary to verify that the lifeline and components are in good working condition.

Electrical Hazards – User should always use extreme caution when working near electrical sources.

Sharp Edges – Fall arrest equipment should always be protected from sharp edges. Sharp or abrasive edges can cause excessive wear to equipment. If it is necessary to work around these type of surfaces, always use a wear pad or barrier.

Clearance – There must be sufficient clearance beneath the walking/ working surface to ensure that workers do not contact an obstruction below.

Swing Falls – It is important to work as close as possible under the horizontal lifeline to minimize swing fall hazards. A swing fall hazard is a result of a worker walking and/or working too far away from the horizontal lifeline. In the event of a fall, a worker that is not close to the horizontal lifeline will swing in a pendulum like motion and could hit an obstruction, causing a serious injury. To minimize this type of hazard, work as closely as possible to the horizontal lifeline and carefully evaluate any obstructions below the working surface.

4.0 IMPORTANT DO'S AND DON'TS

NOTE: The components, materials and anchorage of a personal fall arrest system must be selected by a competent person to match the system's application, and workplace hazards and environment.

DO

DON'T

Use this device only with compatible components from FALLTECH™.	Don't use this Tripod if two or more legs are NOT level.
Inspect equipment before each use.	Repair or modify this device.
Store equipment in a safe, dry area.	Don't use this tripod without locking the head and legs with the retraction pins.
Keep all literature and instructions in a safe place for easy, quick reference.	Don't use this Tripod without the use of the web leg retention assembly.
Keep all inspection documents updated.	Use this equipment unless you have been fully trained by a competent person and fully understand how to use this equipment

Use extreme caution when rigging this equipment.	Use this device if your total combined weight (body, clothing, tools, etc.) exceeds 310 lb.
Use this device when your clearance distance is a minimum of 2 ft after you have calculated the total fall distance.	Don't use this Tripod with more than one worker at a time.
Plan for a rescue if a worker becomes unconscious or incapacitated and falls.	Rely on the sound of a closing snaphook. Visually inspect it to ensure a proper attachment.
Call FALLTECH at (800) 719-4619 if the device is damaged or does not function according to the correct operation explained in section 1 of this manual.	Use this system if you are pregnant, a minor, or have reduced tolerance to fall forces by reason of age, physical or medical condition, or other pre-existing disorders.

DO NOT USE: This Device if it has been used as part of a system that has arrested a fall. If it has been used in such a system, it must be removed from service immediately and sent to an authorized FallTech service location for inspection and servicing.

5.0 FALL PROTECTION PLAN

As an employer, you must be aware of the factors which affect the safety of your workers before, during and after a fall. Having a Fall Protection Plan ready before work is the best way to ensure the ultimate safety and well-being of your employees.

Your Fall Protection Plan must include:

1. **Proper Anchorage:** A Properly selected anchorage point is critical to the success of a personal fall arrest system (PFAS). The anchorage point must be rigid and capable if supporting 5,000 lbs.
2. **Free Fall Limitations:** Free fall distance must be taken into consideration when designing a fall protection system. Potential free falls may not exceed 6 ft. To reduce free fall distance, keep anchorage points above your working level. Note: ANSI A10.14 requires personal fall arrest systems to be rigged so that the potential free fall is not greater than 5 ft.
3. **Fall Clearance Distance:** Measure the distance between the working level and the next obstruction. Then, design a system that will not allow a worker to come in contact with the obstruction or next level.
4. **Swing Falls:** If a worker is not directly under an anchorage point, a swing fall may result. To minimize this hazard, evaluate the entire situation, and plan accordingly for a safe clearance distance, or consider a horizontal lifeline. Contact FALLTECH for assistance.
5. **Rescue and evacuation plan.** You must provide a means of rescue and evacuation for workers should a fall occur.
6. **Immediately dispose of equipment which has been subjected to fall arrest forces.**

YOUR CONFINED SPACE ENTRY AND RESCUE PLAN MUST INCLUDE:

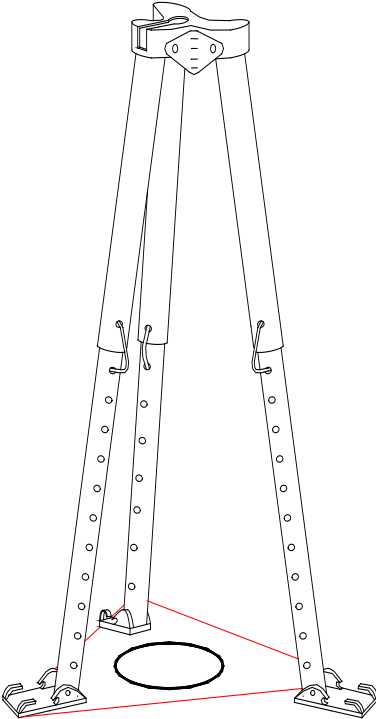
1. Proper Permits (If necessary)
2. List of Hazards for each entry point.

- 3. Worker Training
- 4. Proper Equipment
- 5. Proper Anchorage. When used for confined space entry and rescue, this FallTech tripod provides an anchorage point capable of supporting a static load of 5,000 pounds for one attached worker 310 pounds (worker with clothing, tools, etc.)
- 6. Means of Rescue.

6.0 OPERATION OF THE FALLTECH 7275 ADJUSTABLE TRIPOD

One complete tripod system includes the following components:

Item Number	Description	Qty
1	Tripod Head	1
2	Tripod Legs	3
3	Pulley	1
4	Tripod Foot	3
5	Tripod Foot Pad	3
* Not Shown	Tripod Tote Bag	1



The FallTech 7275 Tripod is intended to provide a portable anchorage mount for the mounting of lifeline components of a comprehensive confined space entry, retrieval and rescue system. It should be erected above the opening of the confined space. It will accommodate round openings up to 5 feet in diameter and up to 4 feet square openings.

Steps to erect FallTech tripod:

1. Remove the tripod from its tote bag or other storage.
2. Lay tripod down on its side.
3. Remove all three adjustment pins from legs if extra height is needed.
4. Extend inner tube of leg out to desired length/height and insert adjustment pins into holes. Do not extend the inner tube beyond the red markings near the top of the tube. For proper strength, the red markings must remain in the top tubes.
5. Reinsert the leg adjustment pins fully into the proper holes.
6. Stand Tripod up vertically and spread legs out until the top of each leg comes in contact with the bottom of the head.
7. Insert all three upper leg lock pins through head and legs. If the tripod is to be used at a height, you may wish to swing out and lock the legs while the tripod is lying on the ground.
8. Insert web retention assembly through grooves in feet and tighten web assembly until taut.
9. Install any accessories (winches, 3-way retrieval units, etc.) to the Tripod.
10. If the tripod is to be used on loose ground surface (i.e. dirt or gravel) turn the point of the feet downward and drive the tripod into the ground surface until it is stable.
11. If the Tripod is on a flat surface, make sure the bottoms of the feet are flat and the points of the feet are pointing TOWARDS THE CENTER of the tripod.

7.0 MAINTENANCE & STORAGE

This FallTech Tripod should be kept clean and free from any dirt, corrosives, abrasive or any other material that may damage it. Clean the tripod as necessary with a mild soap and water, rinsing thoroughly afterward. Do not use other chemicals or solvents to clean this tripod. Allow the tripod to dry completely before storing. The built-in pulley should also be kept clean and free from any large debris that may inhibit its function. The pulley shaft may be lubricated with a small amount of oil. When not in use the FallTech Tripod should be stored in its Tripod bag in a clean, dry area.

1. Inspection must be carried out by a competent person trained in the inspection and replacement of the system. A record log of all servicing and inspection dates for this system should be maintained by the company safety officers at intervals of no less than twice per year. This system and all components must be withdrawn from service if subjected to fall arresting forces. Only original FALLTECH Replacement parts are approved for use in this device. Contact your FALLTECH distributor or FALLTECH Customer Service Department at (800) 719-4619 if you have any questions.
2. Maintenance and storage of equipment shall be conducted by the user's organization in accordance with FALLTECH instructions. Unique issues which may arise due to conditions of use shall be addressed with FALLTECH.
3. Equipment which is in need of or scheduled for maintenance shall be tagged "DO NOT USE" and removed from service.
4. Hardware should be wiped clean with a rag to remove dirt and grease. Lubricate with a light oil to insure good working order and protect against corrosion. Wipe off excessive amounts of oil to avoid the accumulation of dirt.
5. Store in a clean, dry area free from excessive heat, steam, sunlight, harmful fumes, corrosive agents and rodents.

WARNING: Do not use Fall Protection equipment that has not been maintained and stored properly.

8.0 INSPECTION

Inspection procedures for in field visual inspection:

1. The FALLTECH Systems shall be inspected by the user before each use and additionally by a Competent Person other than the user at intervals of no less than twice a year. If equipment is in a very harsh and/or corrosive environment, additional inspections may be necessary. Detailed inspections must be recorded. A comprehensive Inspection Checklist is included with all FALLTECH instructions..

2. If an inspection reveals defects that could affect the function of the Personal Protective Equipment, remove from service immediately and discard. Fall Protection equipment, damage, or inadequate maintenance of the system, the components affected shall be permanently removed from service to undergo adequate corrective maintenance before return to service.
3. Remove the system from service if:
 - The system has arrested a fall;
 - The system has not been inspected in the last six months.
 - The label is missing or illegible;
 - Alteration of any components;
 - Inspection reveals excessive wear, cracks, or signs of deformation.

Only FALLTECH manufacturing personnel or entities authorized in writing by the manufacturer shall make repairs to the equipment. No authorized repairs or modifications are allowed.

INSPECTION GUIDELINES:

Inspection procedure for Falltech Tripod:

1. Check the head for any cracks, dents, deformation, or any other damage.
2. Check the legs for dents, cuts, excessive wear, or other damage. If any of these conditions exist, remove the Tripod from service.
3. Check the web retention assembly. Check the condition of the webbing and the cam buckle. Check for cuts, tears, excessive wear, burns and other damage. If web retention assembly is missing or damaged, remove the tripod from service until a replacement is obtained.
4. Check all leg adjustment pins. Ensure that all pins are straight, retention balls in place and keeper lanyards are attached.
5. Check all upper leg lock pins. Ensure that all pins are straight, retention balls in place and keeper lanyards are attached.

Inspection Guidelines for Full Body Harnesses:

Inspect webbing on FALLTECH full body harnesses. The entire length of webbing should be free of tears, fraying, burns, chemical wear or other signs of wear and damage. All sewn terminations should be secure, complete and not visibly damaged.

Check D-rings for rough or sharp edges, cracks, dents or other deformation.

Maintenance:

1. Inspect all hardware for distortion and deformation. Check for visible cracks, excessive wear and tear, corrosion and chemical erosion. Also, remove hardware if there are sharp edges.
2. Inspect anchor points for physical damage, wear or corrosion that could affect their function in the event of a

- 6. Inspect synthetic harnesses and lanyards for the same items outlined in #5, in addition to inspecting for discoloration, damaged stitching, and exposed warning labels.
- 7. Inspect all labels to ensure that the Personal Fall Protection equipment has been inspected by a Competent Person. Labels must be readable at all times.

INSPECTION LOG

Manufacturer: _____

Model No: _____

Mfg. Date: _____

Inspection Date	Inspector	Comments	Pass/Fail	Corrective Action Taken	Approved By

Fall protection equipment manufactured by FALLTECH is warranted against any factory defects in our material and/or workmanship for a period of one year from installation date or use date by the owner providing that not more than two years from shipment date have passed.