

Miller TechLine™

Temporary Horizontal Lifeline System

Description

Temporary Horizontal Lifeline system to be used in applications where overhead anchorage is not present. System includes all necessary hardware, components and instructions for complete installation.

Materials

Rope:

- 11/16 in. (17.5 mm) diameter, black static kernmantle
- 12,000 lb. (53.4kN) minimum tensile strength; polyester cover over nylon core
- Environmentally stable
- Low elongation
- High abrasion resistance

Line

Adjuster: Zinc plated steel tensioner rated at 5,000 lbs. (22.2kN)

In-Line Shock

Absorber: Designed to limit forces to 2,500 lbs. (11.2kN) which provides a 2:1 safety factor for 5,000 lb (22.2kN) anchorage.

Snap Hook:

Zinc plated, forged alloy steel
Proof tested to 3,600 lbs (16kN)
5,000 lb. (22.2kN) minimum tensile strength

O-Rings:

Zinc plated 1/4 in. x 2 in. (6mm x 5cm) diameter
Forged alloy steel
5,000 lb. (22.2kN) minimum tensile strength

Cross-Arm Straps:

3 in. (7.6cm) wide heavy-duty polyester
Minimum tensile strength 5,000 lbs. (22.2kN)



Technical

Maximum Capacity:

Two workers at 310lbs (140.6kg) each
Includes in-line shock absorber and (2) O-rings

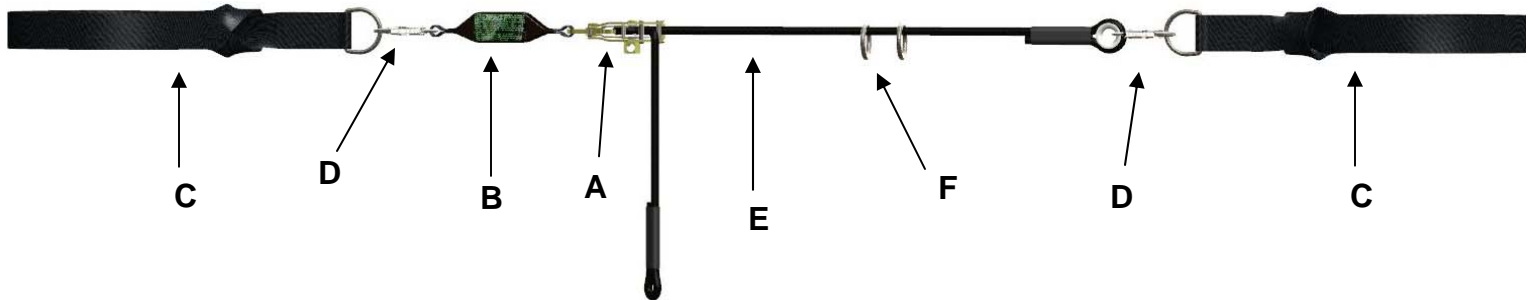
Certification

Tested to ANSI A10.32-2004 and OSHA 1926.502

MODEL NUMBER	SPAN LENGTH	MAX. CAPACITY
HLLR2/30FT	30 ft. (9.1m)	Two Person
HLLR2/60FT	60 ft (18.3m)	Two Person

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A. TENSIONER

Used to adjust the length of the rope, indicate proper pre-tension and maintain tension.

B. IN-LINE SHOCK ABSORBER

Designed to limit forces to 2,500 lbs. (11.2kN) which provides a 2:1 safety factor for 5,000 lb (22.2kN) anchorages.

C. CROSS-ARM STRAPS

Used to secure lifeline to anchorage point.

D. SNAPHOOK

Self-locking snap hook used to connect the ends of the lifeline to an approved anchorage connector.

E. LIFELINE

11/16 in. (17.5 mm) black static kernmantle rope used to span between two anchorage connectors.

F. O-RINGS

Used to connect worker's shock absorbing lanyard or self-retracting lifeline to the horizontal lifeline.

Fall Clearance Charts

Refer to the following table and "Total Fall Clearance Required" in the Fall Clearance Diagram to determine minimum required clearance from lifeline to surface or obstruction.

**TWO WORKER MAXIMUM
FALL CLEARANCE REQUIRED (FT, IN)**

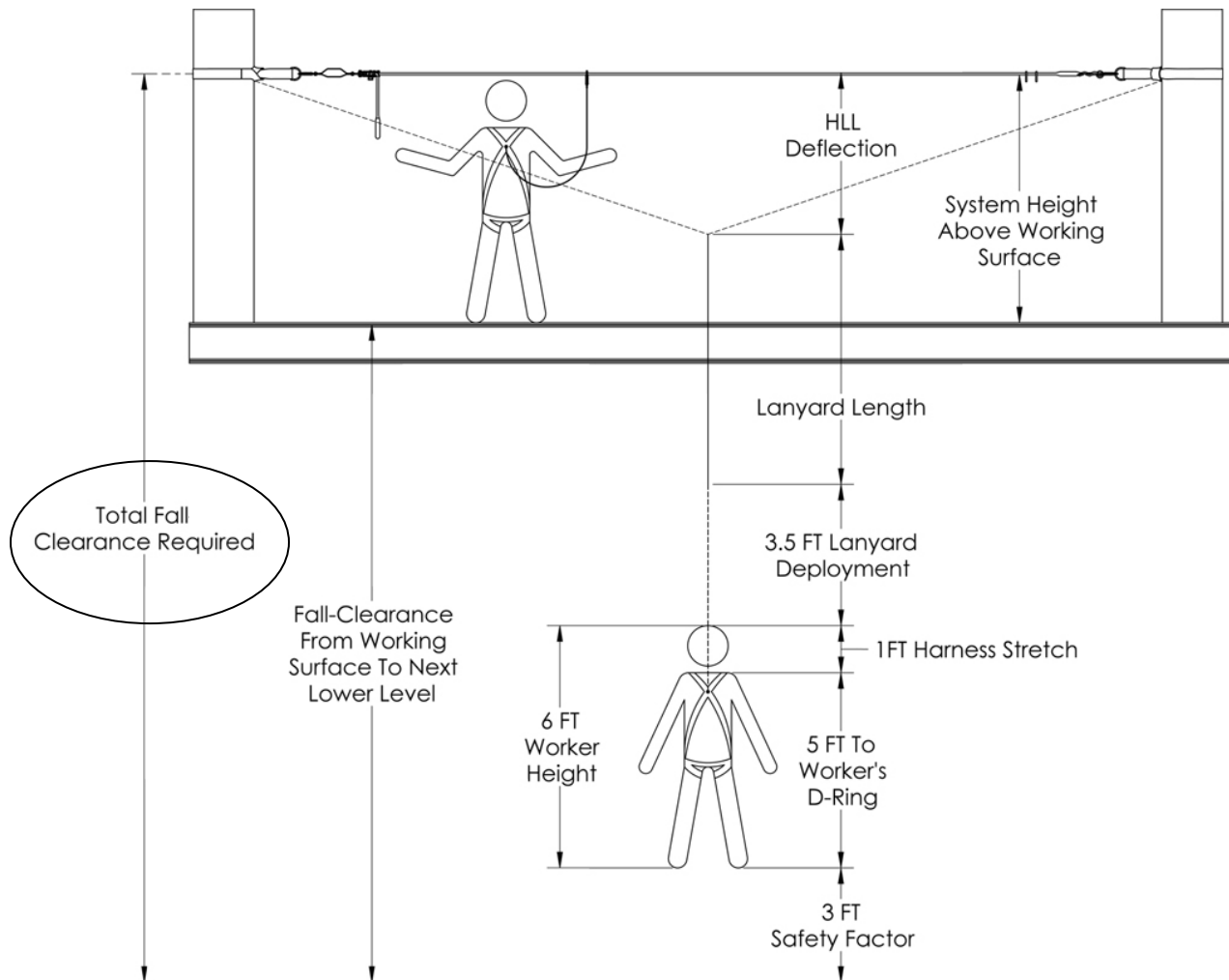
Shock-Absorbing Lanyard (S/A Lanyard) and Self-Retracting Lifeline (SRL)		
Lifeline Span (in feet)	3-ft. S/A Lanyard or SRL	6-ft. S/A Lanyard
0-10	19' 1"	22' 1"
10-20	19' 9"	22' 9"
20-30	20' 8"	23' 8"
30-40	21' 8"	24' 8"
40-50	22' 7"	25' 7"
50-60	23' 7"	26' 7"

3 ft. safety factor included

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Fall Clearance Diagram



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