



USER INSTRUCTION MANUAL

MODEL: US-96760-120

DESCRIPTION: 4 Person Horizontal System - Steel

MEETS OSHA & ANSI Z359.1



1-800-850-5914

PHOENIX, AZ USA

WWW.ULTRASAFEUSA.COM

WATCH VIDEO 13 ON ULTRASAFEUSA.COM

MODEL: _____

SIZE: _____

DATE: _____



WARNING!

This product is part of a personal fall arrest system. The user must read and follow the Manufacturer's instructions for each component of the system. These instructions must be provided to the user of this product. The user must read and understand these instructions before using this product. The manufacturer's instructions must be followed for proper use and maintenance of this product. Alteration or misuse of this product, or failure to follow instructions, may result in serious injury or death. If you have questions on the use, care, or suitability of this product for your application, please contact ULTRA-SAFE.

This Owner's Manual should be used as part of an employee training program as required by OSHA, and is intended to meet the manufacturer's instructions as required by ANSI Z359.1

DESCRIPTION: The US-96760 Lifeline System is designed for use as an anchoring means for up to 4 persons, used where fall protection and horizontal mobility are required. Per OSHA regulations, horizontal lifelines shall be designed, installed, and used under the supervision of a qualified person as part of a complete personal fall arrest system with a minimum safety factor of 2. Qualified person is defined as follows:

"..one who, by possession of a recognized degree, certificate, or professional standing, or who by extensive knowledge, training, and experience, has successfully demonstrated his ability to solve or resolve problems relating to the subject matter, the work, or the project."

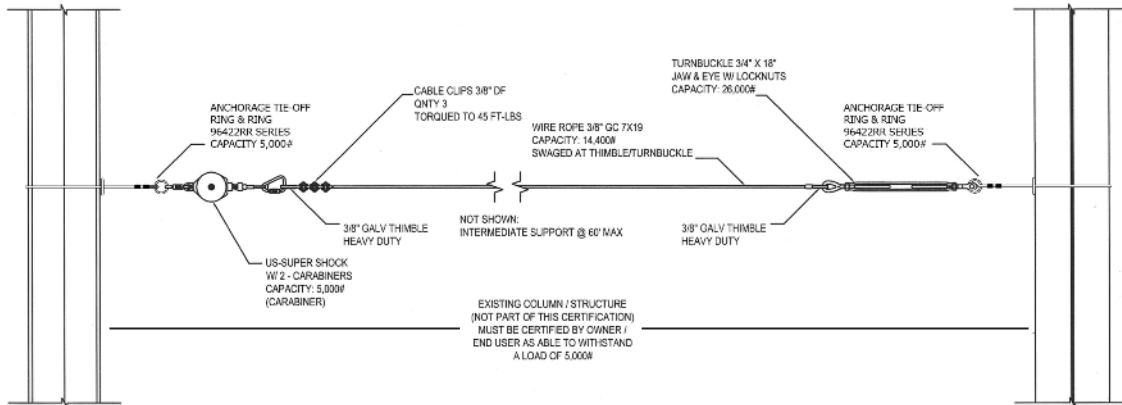
Refer to applicable national standards, including ANSI Z359.1, local, state and federal (OSHA 1910.66 & 1626.502) requirements, for additional information on personal fall arrest systems.

SYSTEM REQUIREMENTS: The US-96760 Lifeline System is designed for use with only ULTRA-SAFE approved components and sub systems. Substitutions or replacements made with non-approved components or subsystems may jeopardize compatibility of equipment and may affect the safety and reliability of the complete system

Anchorage points for this system must be capable of sustaining a static load in the direction applied by the personal fall arrest system of at least 5,000 lbs. Anchorages must be rigid enough to prevent large deformations.

LIMITATIONS:

- Maximum of 240' system span with maximum 60' intermediate span. Span must be reduced if fall distance is inadequate to prevent striking of lower floor.
- Maximum of 4 users (max 310# each) at any point along system.



Note: Longer lengths available

INSTALLATION: Install US-5082AC anchors into suitable structural support, both ends. Attach US-SuperShock with carabiners (locking, minimum 5,000# capacity) to anchor and 3/8" cable/turnbuckle system. Install 3/8" cable/turnbuckle system through intermediate supports as necessary. Attach turnbuckle to anchor and tension system (full effort with spud wrench or –300# tension). **NOTE:** Do not over-tension system resulting in cable being withdrawn from US-SuperShock.

Note: Other anchor points are acceptable. Call for more information.

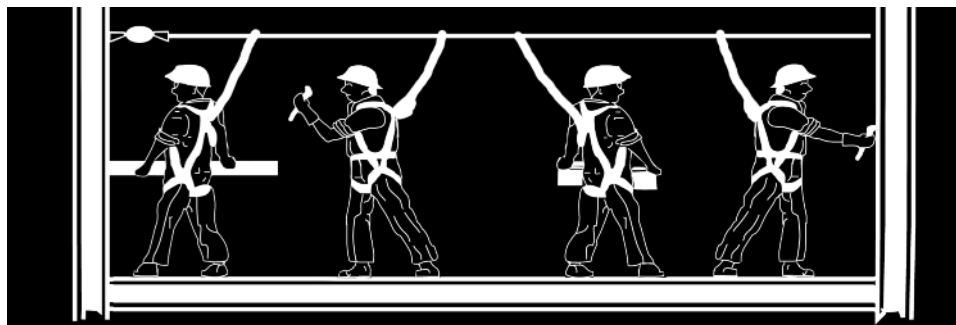
FREE FALL: Refer to WWW.ULTRASAFEUSA.COM for fall protection system location criteria.

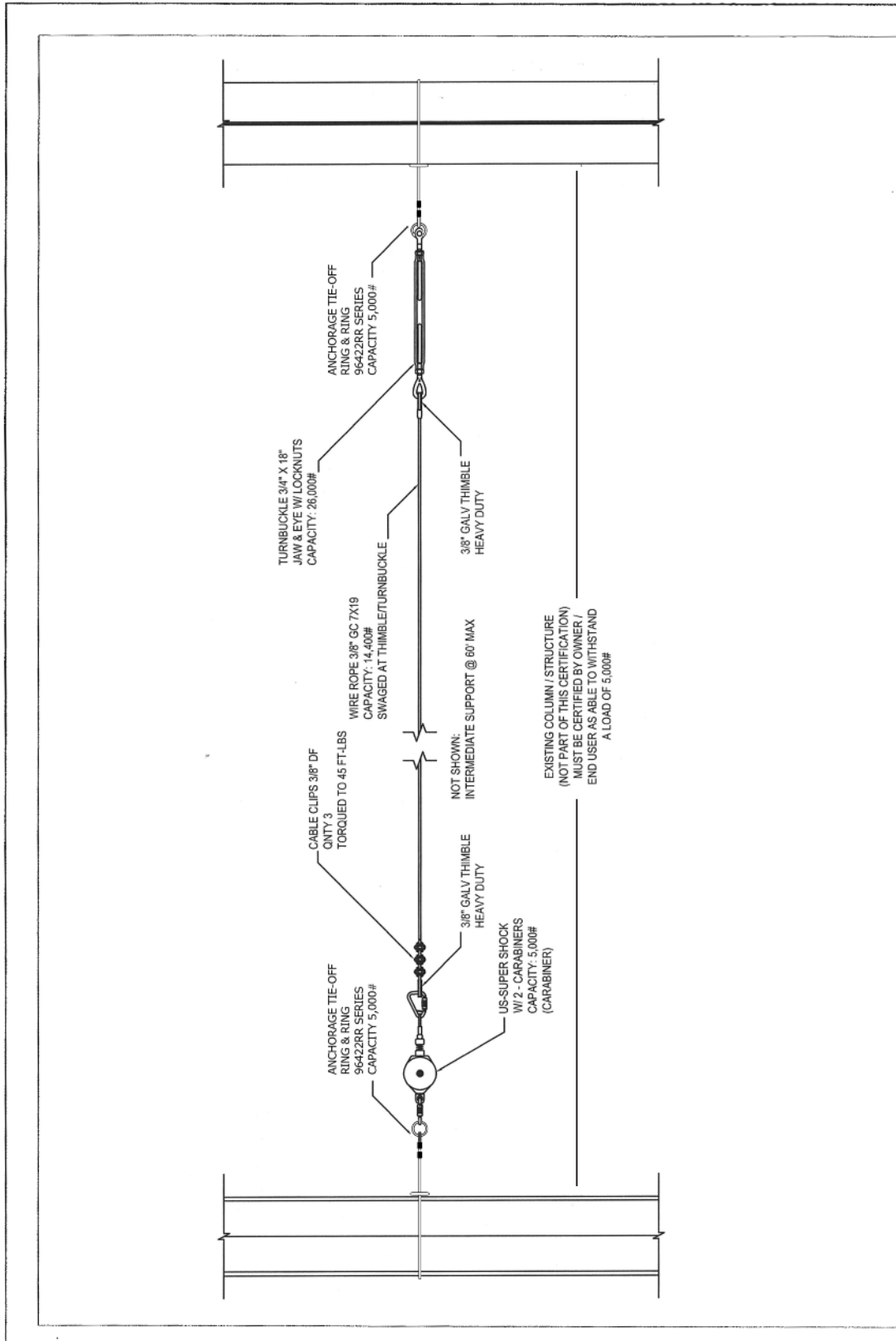
INSPECTION/MAINTENANCE: Prior to each use, fall protection system shall be inspected by a competent person.

US-96760-120 Includes:

- 1 - 3/8" x 120' galvanized steel cable with turnbuckle
- 1 - US-SuperShock
- 3 - 3/8" D.F. clip
- 2 - US-5082AC anchors
- 1 - Pass through Intermediate
- Optional Equip: 96422RR (x2) for columns

Note: Mandatory every 60'





DRAWING No.				
US-9670				
-120				
12/19/2011				
No.1	No.2	No.3	No.4	No.5
4 PERSON HORIZONTAL FALL PROTECTION SYSTEM - STEEL - 120'				
ADDITIONAL SYSTEMS AVAILABLE UPON REQUEST				
				



Safe Working Heights for Beam Work Applications, etc From Walking / Working Surface to Surface Below with lifeline mounted overhead.

CABLE SPAN	ONE PERSON	TWO PERSON	THREE PERSON	FOUR PERSON
Feet	Min Safe Work Height Required	Min Safe Work Height Required	Min Safe Work Height Required	Min Safe Work Height Required
15'	6' 2"	6' 2"	6' 2"	6' 6"
20'	6' 2"	6' 2"	6' 6"	7' 2"
25'	6' 2"	6' 6"	7' 2"	7' 10"
30'	6' 2"	6' 10"	7' 6"	8' 2"
35'	6' 11"	7' 7"	8' 3"	8' 11"
40'	7' 8"	8' 4"	9' 0"	9' 8"
45'	8' 5"	9' 1"	9' 9"	10' 5"
50'	9' 2"	9' 10"	10' 6"	11' 2"
55'	9' 9"	10' 5"	11' 1"	11' 9"
60'	10' 0"	11' 0"	11' 8"	12' 4"

The Safe Working Height chart for beam work is valid only with Ultra-Safe retractables and Ultra-Safe safety harnesses. Any products used that are not made by Ultra-Safe may dramatically affect the performance of the Horizontal Lifeline system and may therefore invalidate the Safe Working Height Chart. When the actual column spans fall in between those spans shown in Table, round **UP** to the next span indicated and use that safe working height calculations.

When an Ultra-Safe 18" long D-Ring extender is used an additional 18" per worker **MUST BE ADDED** to the minimum safe working heights shown in Table.

*The use of a shock-absorbing lanyard will greatly affect the safe working height chart and must not be used without consulting Ultra-Safe Fall Protection.

The total number of users permitted on single or multiple span systems for beam applications are outlined in table