

INSTRUCTION FOR USE

ARAPAHO®

**NFPA CLASS II HARNESS
NFPA ESCAPE BELT
NFPA LADDER BELT**



UL CERTIFIED TO
NFPA 1983 - 2017
FLAME RESISTANCE OPTION



Fire Innovations
830 Petaluma Blvd N
Petaluma, California 94952
United States
www.fireinnovations.com

HARNESS DESIGN FEATURES



Manufactured to NFPA 1983 Standards. Class II Harness.



Designed to fit most firefighters, adjustable to his/her waist.



Sized to be donned over the pant.



With an optional ladder hook this harness can be used in ladder operations.



WARNING

Activities involving the use of this equipment are inherently dangerous. You are responsible for your own actions and decisions.

Before using this equipment, you must:

- Read and understand all instructions for use.
- Get specific training in its proper use.
- Become acquainted with its capabilities and limitations.
- Understand and accept the risks involved.



Failure to follow these instructions could result in serious injury or death.

USER INFORMATION

User information shall be provided to the user of the product. NFPA Standard 1983 recommends separating the user information from the equipment and retaining it in permanent record. The standard also recommends making a copy of the User Information to keep with the equipment and that the information should be referred to before and after each use.

Additional information regarding auxiliary equipment can be found in NFPA 1500, Standard of Fire Department Occupational Safety and Health Programs, and NFPA 1983, Standard on Life Safety Rope and Equipment for Emergency Services.

INSPECTION

Inspect the belt according to your department's policy for inspecting life safety equipment. Equipment should be inspected after each use by an inspector that meets your departments' training standard for inspection of life safety equipment. Each user should be trained in equipment inspection and should do a cursory inspection before each use.

Inspect the belt for frayed, cut or worn material. Buckles should look uniform with no cracks, chips or out of shape appearance. Look for excessive chaffing at the wear points; typically where the Kevlar webbing comes into contact with the metal

buckles. Inspect any attached accessories and ensure they are fastened or sewn securely to the belt and in the proper position.

If the Harness/Belt is impact loaded, it should be inspected by a qualified inspector prior to being returned to service. In some cases, a visual inspection might not be able to determine if the equipment has been damaged. Based on the history of the incident, if there is any doubt regarding the safety of the equipment, it should be removed from service and retired.

REPAIR

Fire Innovations requires that all repair work be done by the manufacturer. All other repair work or modifications may void the warranty and shall release Fire Innovations, LLC from all liability and responsibility as the manufacturer.

MAINTENANCE

Clean and dry this equipment after each use to remove any dust, debris and moisture. Do not expose the belt to flame or high temperatures. Do not store your Fire Innovations Firefighter belts in direct sunlight.

SAMPLE LOG

The log below suggests records that should be maintained by the purchaser or user of rescue equipment.

WARRANTY & RETURN POLICIES

FIREINNOVATIONS.COM/WARRANTY

EQUIPMENT INSPECTION & MAINTENANCE LOG

Model: **ARAPAHO ESCAPE/LADDER/CLASS II HARNESS**

Serial # _____ Purchase Date: ____/____/____

Date	Event / Repair	Inspected By	Comments

CERTIFIED 1983, 2017 STANDARD

ESCAPE BELT/LADDER BELT CLASS II HARNESS

PAT. #US 6,732,834

THIS BELT MEETS THE BELT REQUIREMENTS OF NFPA 1983, STANDARD ON LIFE SAFETY ROPE AND EQUIPMENT FOR EMERGENCY SERVICES, 2017 EDITION, AND THE OPTIONAL FLAME RESISTANCE REQUIREMENTS OF NFPA 1983, TYPE ESCAPE/LADDER BELT."

"TO BE COMPLIANT WITH LADDER BELT, NFPA 1983, 2017 EDITION, THE FOLLOWING ADDITIONAL COMPONENT MUST BE USED IN CONJUNCTION WITH THIS BELT:"

COMPONENT MODEL:
NFPA CERTIFIED LADDER HOOK

"TO BE COMPLIANT WITH HARNESS NFPA 1983, 2017 ED CLASS II, THE FOLLOWING ADDITIONAL COMPONENTS MUST BE USED IN CONJUNCTION WITH THIS BELT:"

COMPONENT MODEL:
ARL - LEG STRAPS: 1101-0054

1. Fire Innovations part number.
2. Harness waist range sizes .
3. The serial number is a required NFPA tracking ability. This number is unique for every harness manufactured.
4. Production date.
5. Underwriter's Laboratories registration number. For the latest information about certification on Fire Innovations products, please refer to this number 3BFO when searching for UL registration.
6. Country of origin. Fire Innovations takes pride of the fact that we use only the finest raw goods for our belts and harnesses. Our products are manufactured in California, United States.



"EMERGENCY SERVICES LIFE SAFETY BELT IN ACCORDANCE WITH NFPA 1983-2017" 3BFO



"EMERGENCY SERVICES CLASS II LIFE SAFETY HARNESS IN ACCORDANCE WITH NFPA 1983-2017" 3BFO

ARAPAHO®

NFPA ESCAPE/LADDER BELT NFPA CLASS II HARNESS

Understanding harness label details

THIS BELT MEETS REQUIREMENTS OF NFPA 1983, STANDARD ON LIFE SAFETY ROPE AND EQUIPMENT FOR EMERGENCY SERVICES 2017 EDITION; AND OPTIONAL FLAME RESISTANCE REQUIREMENTS OF NFPA 1983, TYPE ESCAPE BELT/LADDER BELT*. DO NOT REMOVE THIS LABEL!

**ARAPAHO (AR)
NFPA ESCAPE BELT**

① Part# 1101-0053

② FITS WAIST SIZE: **28-48**



③ S/N 2107209

* TO BE COMPLIANT WITH LADDER BELT, NFPA 1983, 2017 EDITION, THE FOLLOWING ADDITIONAL COMPONENT MUST BE USED IN CONJUNCTION WITH THIS BELT:"

COMPONENT MODEL:
NFPA CERTIFIED LADDER HOOK

"TO BE COMPLIANT WITH HARNESS, NFPA 1983, 2017 EDITION, CLASS II, THE FOLLOWING ADDITIONAL COMPONENTS MUST BE USED IN CONJUNCTION WITH THIS BELT:"
COMPONENT MODEL: [ARL]
LEG STRAPS: 1101-0054

DIRECTIONS TO MAKE NFPA LADDER BELT/CLASS II:
PLEASE REFER TO COMPONENT INSTRUCTIONS.

Please read product instructions before usage.

④ Manufactured Date
January, 2018

⑤ Inspected By

"EMERGENCY SERVICES LIFE SAFETY BELT IN ACCORDANCE WITH NFPA 1983-2017"

⑥ MADE IN THE USA
FIRE INNOVATIONS, LLC
830 PETALUMA BLVD N
PETALUMA, CA 94952
FIREINNOVATIONS.COM



WARNING

Activities involving the use of this equipment are inherently dangerous. You are responsible for your own actions and decisions.

Before using this equipment, you must:

- Read and understand all instructions for use.
- Get specific training in its proper use.
- Become acquainted with its capabilities and limitations.
- Understand and accept the risks involved.



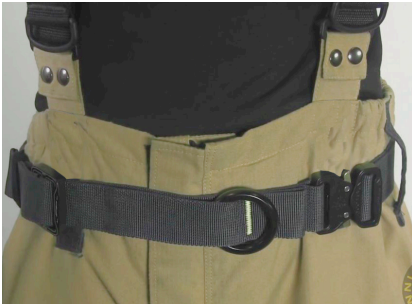
Failure to follow these instructions could result in serious injury or death.

ARAPAHO® NFPA ESCAPE BELT

The Arapaho harness is a certified NFPA 1983:2017 Fire Resistance (FR) Escape Belt. Lightweight and manufactured with the 100% Kevlar® webbing and Aluminum Cobra® Hardware. This belt has fire departments in mind with its one-size-fits most, and upgradeable to an NFPA Ladder Belt and/or NFPA Class II Harnesses.



With the female side of the snap Cobra buckle lining up with the suspender, slide the tri-bar buckle to the opposite side suspender.



The belt installation requires a minimum of three (3) belt loops installed on the bunker pants. One on the back and two (2) in front.

You may choose to utilize or skip any other bunker pant loops.

When the belt is donned, it should sit on the waist as shown.



The belt size adjustment is a simple pull back type. The excess (tail) should be secured with the supplied Nomex elastic band ①



An Arapaho Belt feature is its A-Frame attachment point which can be stowed when not in use.



A tri-bar is used to secure the excess webbing of the A-Frame strap until deployment. Please note the proper way to secure the excess webbing. ②

ARAPAHO® NFPA CLASS II HARNESS

The Arapaho harness is a certified NFPA 1983:2017 Fire Resistance (FR) Class II Harness. Lightweight and manufactured with the 100% Kevlar® webbing and Aluminum Cobra® Hardware. The Arapaho's ability to be upgraded to an NFPA Class II Harness at a minimal cost, makes it an excellent choice for many fire departments.



Two leg loops (part # 1101-0054 (x2) are required to create a Class II Harness. Install the right leg first by removing the Arapaho belt from the right belt loop. Orient the leg strap so the label side is against the bunker pants. Slide the belt through the loop on the leg strap created by the two sew patterns.



Position the leg strap so it hangs straight down the outside of the leg. Position the buckle rearward and wrap the leg strap around the thigh moving front to back, and through the adjusting buckle as shown



Secure any excess strap by sliding the excess tail strap through the Nomex elastic band.

Repeat the process on the left side of the belt.



With the female side of the snap Cobra buckle lining up with the suspender, slide the tri-bar buckle to the opposite suspender.



After use, stow the A-frame by sliding the webbing back through the tri-bar buckle as shown on the donning instructions. Secure the webbing using the Nomex elastic band.



WARNING: Failure to stow the A-frame properly can result in the A-frame not deploying when needed.

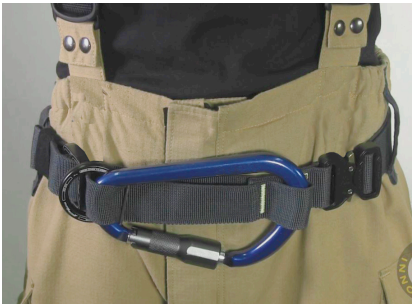


Additional video instructions available at:

<http://fireinnovations.com/videos/arapaho>

ARAPAHO® NFPA LADDER BELT

The Arapaho belt/harness has been certified as an NFPA 1983:2017 Fire Resistance (FR) Ladder Belt. Departments or individuals simply need to install an NFPA Certified Ladder hook.



To create an NFPA ladder belt, attach the ladder hook to the A-frame and stow the hook through the webbing loop as shown.



The A-frame is deployed by pulling on the O-ring (typically attached to a bailout system) or an attached NFPA ladder hook (not shown).

WARRANTY & RETURN POLICIES

THESE ARE THE SOLE AND COMPLETE WARRANTY AND RETURN POLICIES FOR ALL PRODUCTS AND SETS FORTH THE EXCLUSIVE REMEDIES OF THE CUSTOMER. THIS WARRANTY IS GIVEN IN LIEU OF ALL OTHER WARRANTIES, EITHER EXPRESSED OR IMPLIED. IN NO EVENT SHALL FIRE INNOVATIONS BE LIABLE FOR DAMAGES IN EXCESS OF THE PRODUCT VALUE OR FOR ANY INCIDENTAL, SPECIAL OR CONSEQUENTIAL DAMAGES TO PERSON OR PROPERTY ARISING OUT OF THE USE OR INABILITY TO USE OF SUCH PRODUCT; TO THE FULL EXTENT THE APPLICABLE LAW MAY DISCLAIM SUCH DAMAGES.

RETURN POLICY

Fire Innovations allows returns or exchanges on all non-customized merchandise. Returned merchandise must be delivered in “as delivered” condition without any “use” marks. We offer a 30 day window, following the receipt, for these returns with no restocking or handling fee. Following that 30 day window a 10% restocking and handling fee will be assessed. After 90 days, all returns will be issued a company credit for the amount of invoice minus 15% restocking and handling fee. Additionally, no returns are allowed for discontinued items over 30 days of receipt. The customer is required to obtain a RMA (Return Merchandise Authorization) prior to returning any merchandise. The customer is fully responsible for shipping costs.

LIMITED WARRANTY

Fire Innovations warrants all its products will be free from defects in construction and workmanship for 90 days from the date of purchase. Fire Innovations at its sole option may either repair or replace a defective product at no charge to the customer. A copy of customer purchase receipt and/or invoice may be required for warranty.

CUSTOMER OBLIGATIONS

It is the customer’s obligation to fully understand all form, fit and function of the product(s). To obtain warranty service or return services, a customer must complete the warranty Review Request Form included with the product or available online and fax or mail it back to Fire Innovations. Once the form is reviewed, a RMA will be issued. The customer must return the product, shipping charges prepaid, along with the warranty request to the provided address.

EXCLUSIONS

The warranty and return policies do not cover any product which has suffered normal wear and tear, defects resulting from accidents, product misuse, product abuse, failure to follow product instructions, improper product maintenance, neglect, tampering with the product, alterations, unauthorized product repairs, fire, flood, chemicals, acts of God, and damage while in transit to Fire Innovations. Further, this warranty expressly does not cover any general or consequential damages to person or property other than the product, including but not limited to devices used in conjunction with the product.

REPLACEMENT GUARANTEE PROGRAM

If it is determined that the failure claimed is not covered by our warranty program, you may be eligible for our Replacement Guarantee Program. This program offers any customer that has product failure/damage within a two year period (proof of purchase maybe required) that is not covered by our warranty, a replacement product at a prorated discounted price.

Replacement Program Prorated Discount Schedule

0-6 months	6 months-1 year	1 year – 18 months	18 months-2 years
25%	20%	15%	10%



ARAPAHO[®]

NFPA CLASS II HARNESS

NFPA ESCAPE BELT

NFPA LADDER BELT



Fire Innovations
830 Petaluma Blvd N
Petaluma, California 94952
United States
www.fireinnovations.com

FIPUM-11010053.A