IMPORTANT INFORMATION — PLEASE READ AND SAVE

AZTEK ProSeries® System

Made in USA of US and foreign components

WARNING

- SERIOUS INJURY OR DEATH MAY RESULT FROM THE IMPROPER USE OF THIS EQUIPMENT.
- THIS EQUIPMENT HAS BEEN DESIGNED AND MANUFACTURED FOR USE BY EXPERIENCED PROFESSIONALS ONLY.
- DO NOT ATTEMPT TO USE THIS EQUIPMENT WITHOUT PRIOR TRAINING.
- THOROUGHLY READ AND UNDERSTAND ALL LABELS AND INSTRUCTIONS BEFORE USE.
- USE, INSPECT AND REPAIR ONLY IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.

5F04

MEETS THE MANUFACTURED SYSTEM REQUIREMENTS OF NFPA 1983, STANDARD ON LIFE SAFETY ROPE AND EQUIPMENT FOR EMERGENCY SERVICES, 2017 EDITION. DO NOT DISASSEMBLE.

EMERGENCY SERVICES MANUFACTURED SYSTEM IN ACCORDANCE WITH NFPA 1983–2017.

RATED FOR GENERAL USE (G), MBS 38 kN (8,542 lbf)

CMC Rescue, Inc.
6740 Cortona Drive, Goleta, CA 93117
USA

805-562-9120 / 1-800-235-5741
cmcpro.com
ISO 9001 Certified

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 the information in a 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 on Fire Department Occupational Safety and Health Programs and NFPA 1983, Standard on Life Safety Rope and Equipment for Emergency Services.

INSPECTION

Inspect the equipment according to your department's policy for inspecting life safety equipment. Inspect the equipment prior to entry into service, after each use, and at least once every 12 months. The equipment should be thoroughly inspected by an inspector that meets your department's training standard for inspection of life safety equipment. Keep a record of the date, person performing the inspection and results, as well as the date of first use, name of users and any other pertinent information necessary to keep accurate track of the equipment's usage history in the equipment log or on a tag that attaches to the equipment. Each user should be trained in equipment inspection and should inspect the equipment before each use.
When inspecting the equipment, check the webbing and rope for cuts, worn or frayed areas, broken fibers, soft or hard spots, discoloration, or melted fibers. Check the stitching for pulled threads, abrasion, or breaks. Check the hardware for damage, sharp edges, and improper operation. If any of the above is noted, or if the equipment has been subjected to shock loads, fall loads, or abuse other than normal use, remove the equipment from service and destroy it. If there is any doubt about the serviceability of the equipment, remove the equipment from service and destroy it.
The service life of equipment depends greatly on the type of use and the environment of use. Because these factors vary greatly, a precise service life of the equipment cannot be provided.

USE

The AZTEK ProSeries® System is a versatile mini-system that can be used anywhere a quick mechanical advantage is needed. The AZTEK System is a pre-rigged mechanical advantage pulley system that extends up to 12 feet. Fully extended, the AZTEK System has a minimum breaking strength of 38 kN (8,542 lbf). It is ideal for a variety of applications, including: positioning for a litter tender, rappel pick-off, guying of high directionals, and lowering or raising system knot pass. Depending on the application, the AZTEK System can be rigged with either a 5:1 or a 4:1 mechanical advantage.

OTHER USES

The opposite end of the system can be used for travel restraint. The Purcell Prusik can be pre-attached to your harness using the oval screw link. The 1-inch tubular web can be used as an edge guard to help protect the 8 mm Aztek ProSeries® Cord from abrading. If the tube web becomes abraded or soiled, it can be replaced with a new piece. CMC recommends re-attaching the cord to the carabiner with a triple overhand. The cord must be cinched tightly to the carabiner before use.

CERTIFICATION

TO BE COMPLIANT WITH NFPA 1983, THE FOLLOWING
ADDITIONAL COMPONENTS MUST BE USED IN CONJUNCTION WITH THE AZTEK OMNI PULLEYS (30032X):

- 8 mm Aztek ProSeries® Cord with CMC sewn termination (293021)
- 6 mm Prusiks (using 3-over-2 wraps) (29500X)

CARRYING, MAINTENANCE & STORAGE

Clean and dry this equipment after each use to remove any dust, debris and moisture. During use, carrying and storage keep the equipment away from acids, alkalis, rust and strong chemicals. Do not expose the equipment to flame or high temperatures. Store in a cool, dry location. Do not store where the equipment may be exposed to moist air, particularly where dissimilar metals are stored together.

REPAIR

All repair work shall be performed by the manufacturer. All other work or modifications void the warranty and releases CMC from all liability and responsibility as the manufacturer.

IMPORTANT INFORMATION — PLEASE READ AND SAVE

AZTEK Omni Pulley

Made in USA of US and foreign components

WARNING

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CLASSIFIED UL 5F04

MEETS THE PULLEY REQUIREMENTS OF NFPA 1983, STANDARD ON LIFE SAFETY ROPE AND EQUIPMENT FOR EMERGENCY SERVICES, 2017 EDITION.

EMERGENCY SERVICES PULLEY IN ACCORDANCE WITH NFPA 1983–2017.

- **RATED FOR TECHNICAL USE (T)**
- **MBS 43 kN (9,666 lbf)**

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INSPECTION

Inspect the equipment according to your department's policy for inspecting life safety equipment. Inspect the equipment prior to entry into service, after each use, and at least once every 12 months. The equipment should be thoroughly inspected by an inspector that meets your department's training standard for inspection of life safety equipment. Keep a record of the date, person performing the inspection and results, as well as the date of first use, name of users and any other pertinent information necessary to keep accurate track of the equipment's usage history in the equipment log or on a tag that attaches to the equipment. Each user should be trained in equipment inspection and should inspect the equipment before each use. Inspect the equipment for cracks, sharp edges, dents, corrosion, burrs or excessive wear. Minor nicks or sharp spots may be smoothed with emery cloth. If any of the above is noted, or if the equipment has been subjected to shock loads, fall loads, or abuse other than normal use, remove the equipment from service and destroy it. If there is any doubt about the serviceability of the equipment, remove the equipment from service and destroy it.
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USING THE AZTEK PULLEYS

The AZTEK Omni Pulleys are designed to be used in pairs in a pre-rigged mechanical advantage system using 8mm cord. The end of the cord can be secured around the "horn" of one of the pulleys and secured with the supplied end cap. A Prusik hitch can be used for progress capture and can be secured directly to the pulley via the plunger pin. Both the horn and the plunger pin have a minimum breaking strength of 12 kN. The AZTEK Omni pulleys can be rigged in either a 5:1 or a 4:1 mechanical advantage configuration. At any given time only one Prusik hitch is used. When not in use the Prusik cord should be loosened and allowed to float on the cord.

- To prevent roll-out, use only locking carabiners.
- Do not use a double sheave pulley with only one sheave loaded.

CARRYING, MAINTENANCE & STORAGE

Clean and dry this equipment after each use to remove any dust, debris and moisture. During use, carrying and storage keep the equipment away from acids, alkalis, rust and strong chemicals. Do not expose the equipment to flame or high temperatures. Store in a cool, dry location. Do not store where the equipment may be exposed to moist air, particularly where dissimilar metals are stored together.

REPAIR

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IMPORTANT INFORMATION — PLEASE READ AND SAVE

ProTech Locking D Carabiners

Made in USA of US and foreign components

WARNING

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CLASSIFIED UL 5F04

MEETS THE CARABINER REQUIREMENTS OF NFPA 1983, STANDARD ON LIFE SAFETY ROPE AND EQUIPMENT FOR EMERGENCY SERVICES, 2017 EDITION.

EMERGENCY SERVICES CARABINER IN ACCORDANCE WITH NFPA 1983–2017.

- **30016X SCREW-LOCK, TECHNICAL USE (T) MBS 26 kN (5,845 lbf)**
- **300182 MANUAL-LOCK, TECHNICAL USE (T) MBS 26 kN (5,845 lbf)**
- **300189 MANUAL-LOCK W/ KEEPER, TECHNICAL USE (T) MBS 29 kN (6,519 lbf)**
- **300193 AUTO-LOCK, TECHNICAL USE (T) MBS 26 kN (5,845 lbf)**
- **300153 AUTO-LOCK W/ KEEPER, TECHNICAL USE (T) MBS 29 kN (6,519 lbf)**

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LIMITATIONS AND PROPER USE

All carabiners are designed to specific performance criteria. Be aware of load limitations, manner used, and proper technique. Do not overload a carabiner. Carabiners can fail under improper use conditions such as cross loading, gate open loading, loading other than major axis, applying a shear or torsional load to the carabiner, etc. If you are not sure of proper application or technique, seek proper training in carabiner use and technical rope application.

To remove the keeper pin (for models so equipped), use the supplied hex wrench to remove the set screw, then pull the pin completely from the carabiner frame. To reinstall, insert the keeper pin through the hole in the gate side of the frame, then ensure the pin is fully seated in the blind hole in the spine side of the frame. Reinstall the set screw, taking care not to overtighten and stripping the threads or head. Use a thread locker to ensure the set screw does not back out during use.

CARRYING, MAINTENANCE & STORAGE

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REPAIR

All repair work shall be performed by the manufacturer. All other work or modifications void the warranty and releases CMC from all liability and responsibility as the manufacturer.

IMPORTANT INFORMATION — PLEASE READ AND SAVE

Rope / Cord / Web Specifications

Made in USA of US and foreign components

⚠ WARNING

It is the responsibility of the purchaser and the user to determine if this product is suitable for the intended use and that it meets all applicable regulations and standards for your area.

DESCRIPTION (FIBER TYPE), DIAMETER / WIDTH, BREAKING STRENGTH:

- CMC Prusik Cord and Load Release Hitch Cord (Nylon)
  - 5 mm 7 kN (1,574 lbf) MBS
  - 6 mm 8 kN (1,798 lbf) MBS
  - 7 mm 8 kN (1,798 lbf) MBS
  - 8 mm 16 kN (3,597 lbf) MBS
  - 9 mm 17 kN (3,821 lbf) MBS
- CMC Sewn / Bound Loop Prusik (Nylon)
  - 8 mm 20 kN (4,496 lbf) MBS
- AZTEK Bound Loop Prusik / Purcell (Nylon)
  - 6 mm 13 kN (2,922 lbf) MBS
- AZTEK ProSeries® Cord (Nylon)
  - 8 mm 15 kN (3,372 lbf) MBS
- CMC Reflective RIT Line (Technora, Polyester)
  - 5.8 mm 9 kN (2,023 lbf) MBS
- CMC Ladderline (Polyester)
  - 3/8 in 13.8 kN (3,102 lbf) MBS
  - 1/2 in 25.6 kN (5,755 lbf) MBS
- CMC Redi-Line™ (Polypropylene)
  - 7/16 in 13 kN (2,922 lbf) MBS
- CMC SRT Throwline (Polypropylene, Nylon)
  - 3/8 in 13 kN (2,922 lbf) MBS
- New England River Rescue Rope (Polyolefin, Nylon)
  - 7/16 in 16 kN (3,596 lbf) MBS
- Tubular Webbing (Nylon)
  - 1 in 17.8 kN (4,000 lbf) MBS
  - 2 in 35.6 kN (8,000 lbf) MBS
- Flat Webbing (Nylon)
  - 1 in 26.7 kN (6,000 lbf) MBS
- MBS — Minimum Breaking Strength

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IMPORTANT NOTES

Check your rope/cord/web carefully after each use to make sure there are no cuts, chafed areas, broken fibers, soft or hard spots, glazed surfaces, discoloration or variations in diameter/width. Stitching should be checked for broken threads. If any of the above are noted, the rope/cord/web should be retired from service. If the rope/cord/web has been subjected to shock loads, fall loads or any type of abuse, it should be retired from service. Each rope/cord/web should be inspected before being used even if it has never been previously used. Keep rope/cord/web away from acids, alkalis, exhaust emissions, rust or other strong chemicals. Do not allow the rope/cord/web to be shock loaded or used over sharp bends.

If the rope/cord/web becomes soiled, it can be washed in cold water and a mild detergent. Air dry in a hose tower or other location out of direct sunlight. Do not dry in an automatic dryer.

It is impossible to state when to retire a rope, cord, or web. If you have any doubts about the integrity of a rope, cord, or web retire it.

For more information on rope inspection, see ASTM F 1740 Guide for Inspection of Nylon, Polyester, or Nylon/Polyester Blend or Both Kern-mantle Rope. CMC has numerous rope manuals and guides for addi-tional information regarding rope inspection and maintenance.

SAMPLE INSPECTION AND MAINTENANCE LOG

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

AZTEK ProSeries® LT System

Equipment Inspection and Maintenance Log

Item _____ # _____ Date in Service _____

Brand/Model _____ Strength _____

Date	How Used or Maintained	Comments	Name

AZTEK Omni Pulleys

Equipment Inspection and Maintenance Log

Item _____ # _____ Date in Service _____

Brand/Model _____ Strength _____

Date	How Used or Maintained	Comments	Name

Equipment Inspection and Maintenance Log

Item _____ # _____ Date in Service _____

Brand/Model _____ Strength _____

Date	How Used or Maintained	Comments	Name

ProTech Locking D Carabiners

Equipment Inspection and Maintenance Log

Item _____ # _____ Date in Service _____

Brand/Model _____ Strength _____

Date	How Used or Maintained	Comments	Name

Rope / Cord / Web Specifications

Equipment Inspection and Maintenance Log

Item _____ # _____ Date in Service _____

Brand/Model _____ Strength _____

Date	How Used or Maintained	Comments	Name

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