

INSPECTION

- Inspect the contents of the APE escAPE Assisted Rescue and Personal Evacuation System in accordance with your company PPE inspection policy following the manufacturer's instructions.

- Each authorized user must be trained in equipment inspection and should do a cursory inspection before use and a required cursory inspection every six months from date of initial receipt, purchase or issuance for service in the field.

- Persons working daily with the APE escAPE Kit secured to their harness should conduct a monthly cursory inspection of the kit and its contents due to possible wear and abrasion imposed through the structure or apparatus.

- If the equipment is dropped or utilized within any light load lifting or material handling applications, discontinue use. It should be inspected by a qualified inspector prior to being returned to service.

- Following the use (any emergency loading of the APE escAPE of the equipment, the kit must be removed from service for examination by an Authorized ENSA Service Provider, if there is any doubt as to the safety or serviceability of the device, contact ENSA.

- If the equipment is dropped or impact loaded, it should be inspected by a qualified inspector prior to being returned to service. In most cases, a visual inspection will 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.

ROPE

- Visually examine step wise the entire length of the double braided hollow Technora® rope for signs of damage or deterioration including eye splices. Check for fiber deformities. Tactile inspection, feel for unevenness, rough spots and stiff (lacking flexibility) sections. Examine the rope for abrasions, frays and cuts.

- Check the security of the thimble in the eye of the rope. Ultraviolet (UV) degradation from direct sunlight will cause brittle and weak outer rope yarns. The Nylon Wear Protection Sleeve (wind) will greatly help in protection from UV.

- Dirt and grit cause internal fiber abrasion in ropes. Oil and grease deposits themselves do not damage rope materials, however they do trap dirt and grit and will affect the rope's performance within the adjustment regulator. Any shrink tubing used to protect the sewn termination stitch must be in place and intact.

APE DEVICE

- All APE Descent Devices must be free from any wear, distortion or cracks.

- Inspect the squeeze lever and handle for bends, cracks, and deformation.

- Inspect for any signs of rust, pitting or corrosion.

- All Connectors must operate correctly with no tendency for gates to stick or jam. All Connectors must automatically close and lock when at rest.

- If the APE escAPE Assisted Rescue and Evacuation Kit or any component fails any check DO NOT USE. Remove from the work environment and follow your company safety equipment removal policy.

FREQUENCY OF INSPECTION

All Authorized Users shall be trained in how to use and inspect their PFPE. A documented periodic inspection and inventory of all ENSA Equipment is required every six months and recommended more frequently if environmental locations and conditions or frequency of use are a factor, by example, if carried everyday a monthly inspection is recommended. Inspection may be carried out by the Authorized User or Independent Competent person.

Kit passing inspection should only be re-used once written records are completed.

Log all authorized inspections within the authorized user inspection form (included in kit).

TIME LINE

Before each use
Monthly (frequent use)
Every 6 months

INSPECTION

Authorized User Inspection
Authorized or Competent
Competent (Formal) Inspection



ApeEscape Operable Temperature Range
-34.4C/-30F to +54.4C/130F

The Warnings, Cautions and instructions outlined within this product manual cannot cover all possible conditions and situations that may occur. It must be understood by the operator that good sense and caution are factors which cannot be built into this product and must be supplied by the operator.

Inspect all Components upon receipt of this equipment to make sure no components are missing or damaged!

TRAINING

Safe use of the ENSA APE escAPE rescue & evacuation kits require familiarity with its behavior during basic rescue and rappel skills. Successful completion of initial ENSA APE escAPE kits certification training is required prior to use as a rescue or personal evacuation system. ENSA requires that initial certification, and recurring certification every two years, be provided by an ENSA Certified Instructor. Training must cover all relevant rescue and evacuation strategies per the ENSA APE Systems Instructor. Guide and Student Field Guide (*provided at the time of training*).

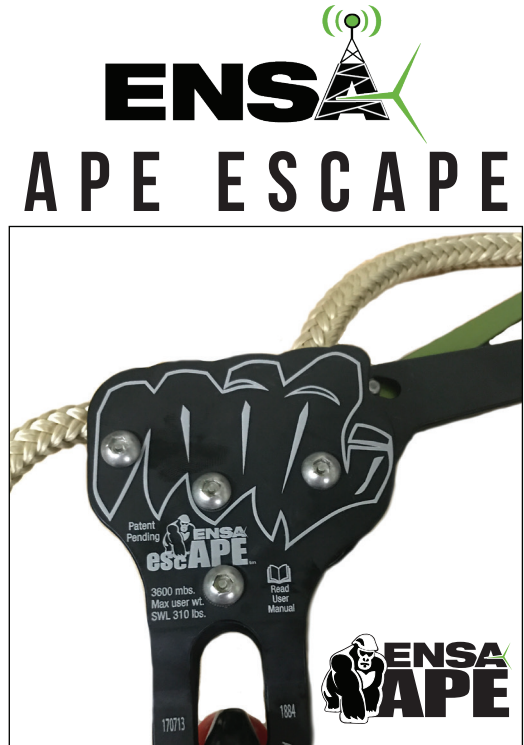
APPLICATIONS

Designed for the following Rescue and Self Rescue Scenarios (single person only):

1. Evacuation
2. Assisted Evacuation
3. Self-Rescue from Suspension
4. Assisted Rescue of Another in Descent
5. Assisted Rescue of Another in Out of Reach in Suspension

Additional:

6. A Static Backup Safety System as a risk mitigation measure when conducting an Assisted Rescue with another Rescue Device/System.



The APE escAPE Assisted Rescue and Personal Escape System is designed for rescue and evacuation purposes for persons who work at heights within or on structures where an additional means of rescue or emergency egress involves the use of a Control Descent Device.

The APE escAPE Descending Device is intended to be used in conjunction with an appropriate harness, and reliable anchorage to enable a person to descend from one position to another, either on their own or assisted by another.

The Assisted Rescue components within the system additionally allow the solution of rapid rescue response if a rescue incident occurs.

This assisted rescue and personal escape system is third party tested and verified to ISO 22159 International Standard for Personal equipment for protection against fall – Descending Devices. And third party tested and verified to ANSI Z359.4 Safety Requirements for Assisted-Rescue and Self-Rescue Systems, Subsystems and Components.

The APE escAPE System is recognized as a light weight Micro Rescue/Evacuation System capable of single person evacuation and rescue maintaining a 10:1 safety factor when used for a single user and weight of 140 kg (310 lbs).

www.ensa-northamerica.com

ApeEscape Instructions_v1-1

CONTENTS

Evacuation & Assisted Rescue Kit

300 ft (91.4m) - 300FRSBHCSR
350 ft (106.7m) - 50FRSBHCSR
400 ft (121.9m) - 400FRSBHCSR
450 ft (137.2m) - 450FRSBHCSR

Evacuation Only

300 ft (91.4m) - ESCAPE300FR
350 ft (106.7m) - ESCAPE350FR
400 ft (106.7m) - ESCAPE400FR

KIT COMPONENTS

1	Kit Bag	Ballistics Nylon
1	Rope Protector	Spectra/Ballistics Nylon
2	Harness Attachment Sleeves	Ballistics Nylon/Velcro®
1	Kit Bag Gear Tether	Nylon 25 lb swl
1	APE Escape Descent Device	ANSI Z359.4-2013 ISO 22159
2	ENSA Pinned APE Carabiner	ANSI Z359.12, CSAZ259.12
1	Nylon Anchor Sling	Blue Water 11,000 lbf
	Hybrid PER Rope	Bluewater 7.5mm
1	ENSA Retractable Tool Tether	2 lb swl
1	Haulerbiner 6:1/7:1 RTU Assembly	310 lb swl 3,500 lbf (16 kN)
2	ENSA APE Carabiner	ANSI Z359.12, CSAZ259.12
1	Micro Pulley	EN12278 5,000 lbf (22 kN)
1	Kong ENSA Carabiner (Green)	CE EN 12275, CE EN 362/B 26 kN (9 kN Gate)
1	Kong Duck Rope Clamp	EN567
1	2 ft Dyneema Sling Bluewater	6,000 lbf (26.6 kN)



Rope conditioning (age, humidity, wet, frozen, high temperature) will produce differing results when the Descent Device is engaged. Proper training in the use of the device is mandatory.

Do not use or deploy this equipment around moving or energized machinery!

Use of ENSA approved ropes only Hardware and ropes inspected and retired by user If used in an emergency, factory maintenance is required.



APE escAPE EVACUATION KIT



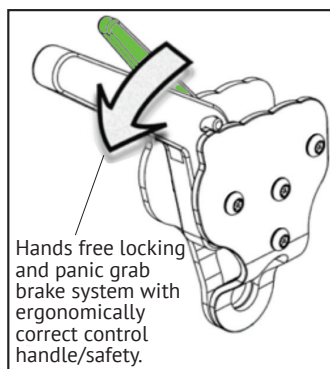
APE escAPE RESCUE KIT COMPONENTS



Do not alter or miss use the equipment and do not use with other combinations of components or sub-systems, which may affect or interfere with the safe function of this device.

ENSA accepts no responsibility for modifications made to the APE escAPE System by unauthorized individuals or service providers.

APE escAPE DESCENDER



Hands free locking and panic grab brake system with ergonomically correct control handle/safety.

ENSA APEscape™ SupertechFire® Double Braided Hollow Technora® for high heat resistance and tensile strength (long line descent systems).



Occupations that concern the use of Assisted Rescue and Evacuation equipment specified within this Operator's Manual are High Risk and Hazardous and should only be used by a person explicitly trained in its use!

The Operator must read and fully understand this manual before use.

The Operator must read and understand all safety and warning information, operating instructions, maintenance and storage instructions before operating this equipment. Failure to properly operate and maintain the ENSA APE escAPE Assisted-Rescue and Evacuation Kit could result in serious injury or death to the operator or bystander.

Users accept all risk and responsibility for all damage, injury or death during all evacuation and rescue from height activities involving the use of this product.

Do not allow anything to affect the correct function of the ENSA APE escAPE device.

Do not use the ENSA APE escAPE device for any other purpose the those specified by the manufacturer.

APE escAPE DESCENDER OPERATION



CONTROLLED DESCENT

1. Ensure hands are situated in the Descent Ready position (see illustration).
2. Open Green Descent Lever.
3. Pull down on handle to engage movement while slowly releasing tension on the rope.

EVACUATION & DESCENT

SELF-EVACUATION FROM HEIGHT

Employed only if the non-emergency method of egress cannot be safely accessed.

1. EXITING A STRUCTURE

The ENSA APE escAPE Descender is designed to allow both hands to be used to exit a window, hatch or other opening in a structure. A safe descent requires a moderate amount of pre-planning with time to set a secure anchor, remove any edge material that may damage the escape rope or web anchor strap, and to make sure the connector, descender and any other equipment clears the edge without damage or hanging up.

2. DESCENDING

Before use verify the correct installation on the rope.

With the handle in STOP position, carry out a pre-pull test to ensure the device does not slip down the rope. The device should still be able to travel UP the rope, but should not travel down the rope when in STOP position. If it can travel down the rope the cam should be checked for wear by a competent person.

To control the device in descent, use your left hand to position the handle, and grip the trailing end of the rope with your right hand to give you extra security and greater speed control. If you pull the handle too far, the device will Brake. To RESET the device, lift the handle up in the direction of the anchor. This will allow you to continue to DESCEND.

3. EVACUATION

The APE escAPE is designed to facilitate rapid escape from a wind turbine, telecom tower, or work platform at height. A primary and secondary escape plan and appropriate anchors should be predetermined for the specific work environment.

Escape from work-at-height can be accomplished by different methods depending on the work environment. 100% fall protection is required whenever working in a possible fall zone. An Escape Kit or Device is not a substitution for fall protection.

Evaluation/Testing Location: Intertek
3933 US Rte. 11, Cortland NY 13045
See Certificate of Conformity in product manual
at www.ensa-northamerica.com