



# Technical Large Animal Emergency Rescue Equipment Recommendations

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NOTE: The equipment listed below is intended for use by personnel with certified training in technical large animal emergency rescue. Use of this equipment without adequate training can result in serious injury or death. **I have highlighted in RED the basic requests for the AWARENESS level course.**

## Personal Gear Recommendations

### **Basic:**

- Gloves
- Boots (with or without steel toe)
- Protective headwear (helmet with chinstrap; firefighter or OSHA approved is preferred)
- Jacket or Vest (Brightly colored and Reflective)
- Goggles
- Knife or Leatherman type multi-tool
- Ear protection
- Urban Type uniform (T-shirt, BDU pants, boots) with your logo to identify yourself
- Primary and Secondary ID Badge / Card (one for self on scene and 2nd for "manpower accountability")
- Level C HazMat suits, gloves, goggles or mask

### **Advanced: MUST HAVE PREVIOUS CERTIFIED TRAINING in these specialties!**

- Protective fire clothing (wildland fire / Nomex-type reflective clothing is very suitable)
- Human Body Harness (NFPA class II/III)
- Safety Vests with Identification
- Level A/B/C HazMat suit certification required
- Swift / flood water rescue gear (personal flotation device, wet and/or dry suit, boots, water helmet, gloves, throw bag) certification required
- Surface ice rescue gear (personal flotation device, surface ice rescue suit, boots, helmet) certification required

## TLAER Rescue Equipment

### Basic:

- 1 - Large Animal First Aid Kit (get with local large animal vet for recommendations)
- 3 - Emergency rope halters (7 mm prussic cord halter / 1/2" kernmantle rescue rope to make a 12 to 15 foot lead)
- 2 – 30' x 4" nylon web with sewn loops on each end (For all webbing - try Hast at <http://rescue.hastpsc.com/> )
- 4 - 20' of 4" wide nylon webbing with sewn loops on each end
- 2 – Sets of heavy duty hobbles or 3 foot round-slings / continuous loop slings (<https://www.lift-it.com/round-slings> )
- 1 – Gallon of water-based lubricant (OB lube)
- 6 – 6' to 8' Prusik loops of 1/2" static kernmantle rope (usually slightly smaller than the diameter of the rope attached to) Need 2 sets of Prusiks of each length to provide the pairing
- 2 – 10 m x 10 cm nylon webbing with sewn loops on each end
- 1 - Insulated horse blanket
- 4 – 2 m of 10 cm wide webbing with sewn loops on each end ( for all webbing you can try <http://rescue.hastpsc.com/> )
- 4 – 1.2 m of 10 cm wide fire-hose web with sewn loops on each end
- 1 – Spread bar for vertical lift (aluminum or steel) or Becker Sling (<http://rescue.hastpsc.com/> )
- 1 – Horse head protection (or human life vest, towel, sweat shirt, etc.)
- 12 - Steel cattle panels - 10 or 12 feet wide
- 1 – Leg handling cane (extendable to 6 feet)
- 1- Boat hook (extendable to 10 feet) or pike pole (Long painters' poles with interchangeable accessories (cutters, carabiner hold-open, S-hook, etc.))
- 1- King size bed sheet (dark color) or painter's drop cloth of heavy thickness (dark colored)
- 1- Nickopolous needle (conduit or stainless steel, bent into the shape of a "C", with or without water hose / air hose attachment)
- 1 – Hampshire Strop guide (steel 3 inch flat that is 6 feet long, cold rolled to maintain shape, with handle)
- Assorted tools (shovels, hand saws, screwdrivers, chain saw, etc)
- 12 – Large steel carabiners (1.45" gate opening)
- 2 – 200' of 1/2" kernmantle rescue rope in bags
- 1 - Cordless reciprocating saw of GOOD QUALITY with carbide blades and batteries
- 2 - Rolls of Duct tape
- various - chocks, shoring and cribbing / lumber pieces of various sizes
- Resource Manual (List of local and regional contacts for responding veterinarians, people with trailers and cattle panels, etc.)
- Backboards / "Pig Boards" or something similar
- Various Straps (Tow straps / Ratchet Straps) ( <https://www.lift-it.com/round-slings> )

Heavy Duty Tarps (on ground to protect animal when dragging or placement is on hot / cold surface)

Fleece / Wool lined Shipping Boots (for leg protection and padding if needed)

Water Bucket / Container (or buckets for various purposes as well)

Hay / Treats

Copy of SOPs / SOGs (to show emergency services on-scene what the "BASIC plan of action" is and what is needed to perform the rescue)

1 – Containment portable fence (5' x 110' polygrid or snow fence with PVC supports)

### **Intermediate:**

1 – Kimzey® aluminum leg splint

1 set – Air injectors 4 feet long with air lines and manifold/regulator for mud rescue

1 set – Water injectors / Mud Lances 4 feet long and manifold/regulator for mud rescue

1 - Portable air tank or air bottle from Fire service with manifold and regulator

1 – Portable winch (minimum 3000 lbs.)

1 – 9:1 1/2" rope anchor system (with 2 double pulleys and prussik loops)

1 – 300' of 1/2" Kernmantle rope

1 - Becker simple web vertical lift sling (<http://rescue.hastpsc.com/> )

1 – Spread bar with snap shackles for vertical lift, with quick release

4 – 6' of 5" wide webbing with sewn loops on each end

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1 – Rescue Glide Sked kit with accessories (see <https://larrco.net/collections/all> or <http://www.rescueglides.com/products.html> )

1 - Set of 2 way Radios or Walkie Talkies for communication (4 minimum for IC, Ops, Safety, and Logistics)

12 – Large steel carabiners (4 cm gate opening)

1 – Becker Water Harness

2+ - Sheets of plywood

Copy of SOPs / SOGs (to show emergency services onscene what the "INTERMEDIATE plan of action" is and what is needed to perform the rescue)

### **Advanced:**

1 – Anderson® sling with accessories for vertical helicopter lift

1 – Power generator to provide lighting and electrical for extrication equipment

1 - Set of Portable Flood lights

1 – All-terrain vehicle with winch

1 - Large Animal Ambulance (4 horse stock trailer with ramp and truck)

3 - set (life jackets, helmets, gloves, dry suits, floating rope)

1 - Captive Bolt heavy duty (Humane Euthanasia Device)

Copy of SOPs / SOGs (to show emergency services onscene what the "ADVANCED plan of action" is and what is needed to perform the rescue)

1 – Randy the Rescue Manniken ( <https://larrco.net/collections/all> and tell them Rebecca Gimenez sent you) OR:

1 – Gimenez Mud Rescue Horse (55 gallon drum with PVC head and neck and wooden legs)

Lots of extras – you could get into lots more rope, rope bags, ladders, belts for edge safety, canvas edge pads to protect the ropes.

1 – A-frame (aluminum) and / or Tripod (20 feet high minimum)

<http://rescue.hastpsc.com/>

1 - Gathering plates

1 set - Anchor straps

1 – Friction Brake – rack or Tube

2 – 300 foot 5/8 or 1/2 inch lines for the A frame

2 – low pressure air bags or

1 – high pressure air bags

Various Rescue and belay packs to lower rescuers

### **Miscellaneous:**

Rope identification labels

Liquid detergent and long-handled brushes

Inventory tags

Backpack-type rescue storage bags

3 – 8' x 10' waterproof canvas tarps for staging equipment

1 - Catch pole for small animals and crates for safely transporting them

Digital camera for documentation

Video camera for documentation

Transport boxes for equipment (wheels are preferred)

Chemical capture equipment (consult your veterinarian and get certification training for this)

Caution Tape // Do Not Cross Tape

Notebook or other essentials needed for documentation purposes

Liability / Permission Form