

Tool 07: Equipment for HWC Mitigation

Equipment	Technical Specification	Availability	Quality	Maintenance regime	Usage frequency	Replacement requirement
Radio Collars						
Camera traps						
UAVs (Drones)						
Thermal/night vision binoculars						
PPE kits						
Vehicles for RRTs						
Animal rescue vehicles						
Specific equipment for RRT Kits (numbers indicated are required for to 1 RRT)						
Carabiner Screw (6 numbers)	Composition; Structure: 99.0% Aluminium, Structure: 1.0% Steel; Breaking resistance: Major axis 30 kN, minor axis 10 kN, open gate 10 kN; Easy opening / closing; Keylock locking mechanism makes it easier to use.; Lightweight: 78 g.					
Descender Figure of 8	Material: High Tensile Steel Alloy; Minimum Breaking Strength: 30kN / 6744LBS; Length: 125 mm, Width: 145 mm, Weight: 320 g; Rope Size: Ø9-16 mm; Standards & Certifications: CE0321 & EN15151-2 Certified, UIAA1705					
Pulley Fixie	<ul style="list-style-type: none"> • Rope compatibility: 7 to 13 mm; • Sheave diameter: 21 mm; • Ball bearings: no; • Efficiency: 71 • Maximum working load: 2,5 kN x 2 = 5 kN; • Weight: 90 g; • Certification(s): CE EN 12278 • Material(s): aluminium side plates, aluminium sheave 					
Ascender Right Hand	Weight: 215 grams Rope: 8mm to 13mm, CE Certified					
Ascender Left Hand	Weight: 215 grams Rope: 8mm to 13mm, CE Certified					
Full body Harness	Material - Polyester Full Body Sit Harness Climbing Safety Belt					
Rope Imported	10.2 mm in meters (50 meters)					
Climbing Helmet	Uni-Sex helmet with a standard size (Head circumference 53-61 cm), lightweight and comfortable on the head, excellent ventilation, integrated chinstrap					
Slithering Gloves (2 numbers)	Made up of Heavy-duty CANVAS. Palm and thumb with double layered Canvas and padding					

Lanyard	Tensile Strength 4,000 lbs (17.7 kN)					
Tandem Pulley	Weight 270 g; Max. rope diameter 13 mm; Max. cable diameter 12 mm; Sheave type sealed ball bearings; Sheave diameter 27,5 mm; Efficiency 95 %; Working load 10 kN; Breaking strength 24 kN					
Rescue kit Carry bag	Bag for keeping small items of the kit with multiple pockets, Bag size: 100 litres, Type: duffle, Material: 330D nylon mini ripstop, 600D polyester,					
Handheld torch	Weight: 75 g beam range: 60 m (Boost); Luminous flux - 220 lm (Boost) burning life: 25 h (Low Power); Batteries: 4 x aaa 1.5v; Energy tank: 7.2 Wh					
Area Light	75-Watt laser LED light, 500 lumens, 2-way high power search light with Aluminium body, High & low light options available in the torch. Supports DC adaptor charging function					
Plier	Size: 8 inches, fully hardened and tempered up to 50 HRC and black phosphate, Heavy duty					
Steel rope wire cutter	Usage Range: 0-2.3 cm; for Cutting Wires, Cables and Light Chain; Size: 9", 230mm Parrot/Beak Jaw Cutter					
Knife	Item Height: 20 Millimetres; Item Length: 13 Centimetres; Item Width: 20 Millimetres; Material: Steel					
Axe	Material Type: carbon Steel and Rubber 2 wedges Meets ANSI standards Durable, Weight; up to 1 kg, Size: 16 inches					
Shovel	Shovel material: alloy steel; Handle material: spcc chrome stainless steel rubber anti-slip handle Surface treatment: surface oxidation; HRC hardness: 40-45; Size of the blade table: 14 * 11 * 0.18cm; Thickness of the blade: 0.18cm; Size of the knife: 8.5cm; Assembly size: 63/47 / 34cm (24.8inch, 18.5inch, 13.38inch); Size received: 20 * 13.5 * 6cm; Product size: 63x14x4cm					
Fibre Stick 1 Meter (4 numbers)	Material: Fibre, Length 1 metre with handle grip					
Jackets with Fluorescent strips (2 numbers)	Main fabric: 100.0% Polyester (PES); Polyester Fabric, lightweight, good breathability, durable, wear resistant, and screening sunlight, durable, wear resistant, and screening sunlight, reflective strips on the front and back.					
Animal handling gloves (2 numbers)	Leather Gloves made from thick and soft shoulder split which are Puncture Resistant, Cut Resistant, Bite Resistant, Heat Resistant, Oil Resistant and Fire Resistant					
Rechargeable drill machine	Cordless Drill; Torque, max (Hard screw driving applications) 30 nm; Torque, max (Soft screw driving applications) 13					

	nm; No-load speed (1st gear/2nd gear) 0 - 380 or 1300 rpm; Battery voltage 12 v; Keyless chuck 10 mm					
Night vision monocular	Magnification 2.5x; Battery / Runtime Lithium battery CR 123 A; Dioptre Correction +/- 4 dpt Exit Pupil 16 mm; Temperature Ranges - 22 Degree to 122 Degree F / -30 Degree to 50 Degree C Distance 3.3 - 229.7' / 1 - 70 m; Front Lens Diameter 40 mm					
Thermal Imager handheld device	An advanced thermal imaging camera with a high-performance LED light in one compact, rugged, and reliable device. detectable range of -40° to 626° F, Reveal lets you pinpoint specific sources of heat-and heat loss-up to 500 feet away					
Midwest Auto release snare Pole	5 Feet length, Lightweight aircraft aluminium shaft Swivel head with automatic locking mechanism Quick release with protective bite sleeve Non slip rubber grips and vinyl coated noose					
Hanging balance	20mm LCD, Visual distance over 10m, Dismountable Hook,2AAA Battery Included, In accordance with OIML R76, Max Capacity:500kg, Min Capacity:10 kg;					
Sprayer	Tank Capacity (Litre.): 20; Tank Material: PP.; Working Pressure: 0.25-0.45 MPA.; Net Weight: 2 Kg.; Gross Weight: 2.5 Kg; With Shoulder straps for easy carry and options for mist and jet spray					
Canvas sheet 12 x 12 feet	thick canvas sheet Dimensions: 12 x 12 feet					
Rope 1/2-inch cotton 10 meter	1/2-inch cotton 10 meter					
Rope 1/2-inch nylon 5 meter	1/2-inch nylon 5 meter					
Rope 1-inch Cotton 10 meter	1-inch Cotton 10 meter					
Rescue Net 4x 4 meters	Gap: 2inch *2 Inch Material: nylon,					
Ladder Collapsible	Storage Height: 3.2 ft (Ultra-portable) Reachable height: 18 ft Max extension wall support: 14.65 ft Threaded step for grip & support Max loading capacity: 150kgs Visual locking Heavy duty wheels Velcro Strap material: Aluminium					
Snake Tongs	Made of high-quality stainless steel, Ratchet mechanism effectively catch a snake Material: Stainless Steel Colour: Silver Length: 100cm					
Snake Hooks	Material: Aluminium Height: 100 cm					
Snake catching bag	Made with heavy duty cotton material. Perfectly sewn corners for bite free handling					

	and releasing. Come with a rope-tying feature that prevents the snake to escape. Comes with a rod attached to the mouth of the bag that helps in keeping the snake at a safe distance. Weight - 1 kg, Length of rod - 3.5 ft, Bag Mouth Diameter - 1 ft					
Jerrycan (Water Container)	20 litre capacity, material: plastic					
Camping Tent	3-person occupancy, waterproof, easy- setup, Double roof: 100.0% Polyester (PES) Inner fabric: 100.0% Polyester (PES) Floor mat: 100.0% Polyethylene (PE) Pole: 100.0% Glass - Fiber (FG) Carry bag: 100.0% Polyester (PES)					
Tent Foldable Canopy 10x10 Ft	Steel frame pop-up canopy with cathedral style roof for maximum headroom, Angled leg design provides 96 square feet of shade, Wheeled bag for easy transport, High grade steel frame with white powder coat finish.					
Sabdal 5feet	Material: High Carbon steel, Length: 5 feet					
Hammer 4kg	4 Kg weight, Double-Face Sledge Hammer with Premium Quality Best Durability, Material: Carbon Steel					
Rug Stretcher	Handles for max. 16 persons, plus possibility of insertion carrying rods. Material: PVC with reinforcement of all exposed areas. Measurements: 197 cm x 145 cm.					
Baffle board (For carnivore rescue)	Material: Poly Carbonate (PC), Colour: Black / Green, Thickness: 3.5mm / 0.14" (appr.), Size: (L)x(W) 900x500mm / 35.43"x19.69" (appr.)					
Rangefinder (For Veterinary)	Maximum Range: 600 meters (656 yards) Measuring Accuracy: 0.5 meters (0.55 yards) y: 1 x 3V CR2 (included) Measuring Units: m/Yd. (meters/yards) Measuring Angles: 90 -90 Trajectory Compensation Angle Range: 20 -20 Angle Accuracy: 1 Wavelength: 905nm Vision Safety: FDA (CFR21) Field of View: 7 Scope Magnification: 6x Objective Lens Diameter: 22mm (0.86") Eyepiece Lens Diameter: 16mm (0.63") Exit Pupil Diameter: 3.7mm (0.15") Diopter: 5D Diopter Adjustment: Eyepiece adjustment Operating Temperatures: 040 (32104) Speed Range: 18300km/h (11186mph) Display: LCD Dimensions: 121 x 79 x 45mm (4.8" x 3.1" x 1.8")					
Megaphone	800-yard range, Power 20 watts, Record up to a 60 second message					
Backpack (Waterproof) (5 numbers)	Waterproof, lightweight and durable. Dimensions: 11.8 x 9.4 x 18.5 in - Material: 330D nylon mini ripstop, 600D					

	polyester					
Poncho rain coat (5 numbers)	Material Specification: 100% lightweight laminated Nylon Abrasion resistant up to 10000 cycles, Velcro closure for more convenience, Cinch cord for an adjustable cord. Reflective print for low light visibility, Sealed seams to prevent seepage					
Water bottle 1lt (5 numbers)	1 litres capacity					
Towel and Napkins (5 numbers)	A set of 1 large towel, 1 hand towel, (100 % cotton)					
Sleeping bag (5 numbers)	Suitable for 1 person, 15- 20 Celsius, Inner and outer fabric: 100% polyester. Filling: 100% polyester 100 g/sqm wadding. Carry bag: 100.0% Polyester (PES).					
Blanket (5 numbers)	Size available: single size Dimensions (cm): 155 x 130 Available in: 2 colours Weight: 300 g Dimensions (folded): Ø14 x 21 cm / 3.2 L. Main fabric: 100.0% Polyester (PES)					
Bedsheet (5 numbers)	Single bed sheet, cotton					
Tent accessories	Utensils, Camping stove					
Protective Vest (5 numbers)	Covert/Overt - BALLISTIC LEVEL 2 + STAB LEVEL 1 + SPIKE LEVEL 1 VEST					
Binocular	Magnification: 10X 50, Multilayer-coated lenses, rubber eyecups, Rubber armouring for shock resistance and comfortable grip, Real field of view (°): 6.5, Apparent field of view (°): 59.2, Field of view @ 1000m (m/ft): 114/341					
Helmet (5 numbers)	Uni-Sex helmet with a standard size (Head circumference 53-61 cm), lightweight and comfortable on the head, excellent ventilation, integrated chinstrap and neck guard					
Scissors	Material: Hardened steel, Item Dimension: 30cm x 13.5cm x 2.5cm					
Screw drivers	Material: Steel and Plastic, Insulated grip handles with crown at the top, Blades: 5, Flat tip- 3.5mm, 6mm.Philips no 0, 1 and Poker, Item Dimension: 130mm x 45mm x 30mm (L x B x H) Magnetized blade tip					
Nails	Size: 1 to 4 Inch, 500g					
Nut & bolts	Bolt/Nut: 6X16, 8X20, 8X25-8, 8X25-10, 8X40-10 (200g)					
Hacksaw	Depth of Throat: 98mm / 3.85 Inch, Blade Length: 254mm / 10 Inch, Rigid Steel Frame with moulded Cushion Grip Rubber Handle					
Pick axe	Size: 90cm length, metal head and Wooden handle					
Binding wire	500gm, Wire Gauge: 0.7-3.8 mm, Wire Colour: Silver, Material: Mild steel, Carbon: 0.08 %-25 %					

Wrench	Material: Stainless Steel, Colour: Black, Item Dimension: 21 cm x 11 cm x 9 cm, Precision marked scale indicate correct jaw opening					
Microchips and Microchip reader (Pack of 20 chips)	Microchip Scanner, Universal Handheld Animal Chip Reader Portable RFID Reader with 20 RFID glass capsule					