

SKED®

THE COMPLETE RESCUE SYSTEM



SAVING LIVES SINCE 1981

INSTRUCTIONS AND USER MANUAL



SKED® SAVES LIVES

Congratulations on your purchase of the Sked® Rescue System. You will find it a valuable tool that will enable rescues to be performed safer, faster, and easier. The Sked® Stretcher is an entirely different concept in stretcher design. Therefore, potential rescuers should practice and familiarize themselves with the Sked® prior to using it on an actual rescue.

The Sked® Stretcher provides excellent patient support and protection. However, it is NOT designed as a spinal immobilization device. If a spinal injury is suspected, secure the patient to an approved spinal immobilization device prior to placing him/her in the Sked®. The Sked® Stretcher will accommodate long and short backboards, scoop stretchers, Oregon Spine Splint IITM and most other immobilization equipment. A backboard must be used in conjunction with the Sked® Stretcher on patients who have sustained injuries to the shoulder area.

NEVER SUSPEND THE SKED® STRETCHER BY THE GROMMETS.

Use the slings and webbing in the manner for which they are provided. The Sked® Stretcher should be stored in the cordura pack, as prolonged exposure to sunlight (UV rays) can damage all plastics.

Skedco manufactures several other components for the Sked[®]. Those components will enable you to use your Sked[®] for many different types of rescues. Confined space, high angle, rough terrain, military, and water rescues are some of the applications of the Sked[®]. See your Skedco catalog for the proper components for your Sked[®] application.

ALWAYS use a tag line when hoisting a Sked® or any other kind of stretcher by helicopter because without it all litters can spin.

Thank you for purchasing the Sked® Rescue System. Please contact us if you have any questions, comments, or suggestions. We always appreciate input from our customers.

Sincerely,
SKEDCO, INC.
SKEDCO.COM
1.800.770.SKED (7533)

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TO UNROLL SKED® STRETCHER AND LAY FLAT





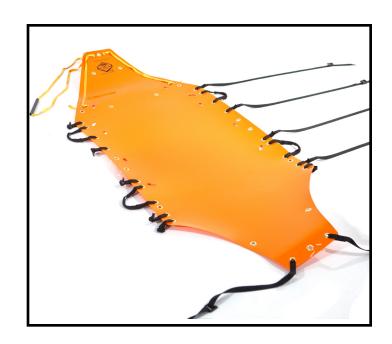
1, REMOVE SKED® FROM PACK AND PLACE ON GROUND.



2, UNFASTEN RETAINER STRAP. STEP ON FOOT END OF SKED® AND UNROLL COMPLETELY TO OPPOSITE END.



3, BEND THE SKED® OVER YOUR FOREARM AND BACK ROLL AGAINST YOUR BODY. REPEAT WITH OPPOSITE END OF STRETCHER. IN COLD WEATHER, IT MAY BE NECCESSARY TO REVERSE ROLL IT TWICE.



4, SKED® STRETCHER WILL NOW LAY FLAT.

TO PLACE A PATIENT ON THE SKED®: PULL METHOD (FEET FIRST)



1, PRIOR TO DRAGGING A PATIENT ONTO THE SKED® "FEET FIRST". CURL THE HEAD END DOWNWARD TO FORM A RAMP AND TO PREVENT SNAGGING PATIENT'S CLOTHING.



2, TUCK THE DRAG WEBBING UNDER THE SKED®. GRASP PATIENT'S LEGS AND DRAG PATIENT WHILE KEEPING LEGS LOW.



3, CONTINUE DRAGGING UNTIL HIS UPPER CHEST IS EVEN WITH THE UPPER CROSS STRAP.



4, SECURE ALL BUCKLES AND ADJUST ALL STRAPS IN PREPARATION FOR TRANSPORT.

TO PLACE A PATIENT ON THE SKED®: PULL METHOD (HEAD FIRST)



1, CURL FOOT END OF SKED® DOWNWARD TO FORM A RAMP AND PULL FOOT END STRAPS TO THE SIDE.



2, USING YOUR FOREARMS TO PREVENT LATERAL MOVEMENT OF PATIENT'S HEAD, GRASP THE UNDERARMS AND DRAG IN-LINE WITH THE SPINE ONTO THE SKED®.

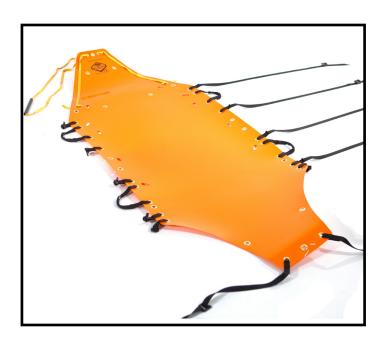


3, CONTINUE DRAGGING UNTIL HIS UPPER CHEST IS EVEN WITH THE UPPER CROSS STRAP.

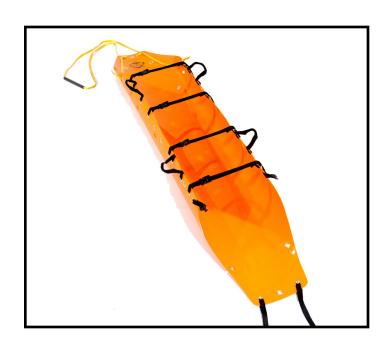


4, SECURE ALL BUCKLES AND ADJUST ALL STRAPS IN PREPARATION FOR TRANSPORT.

FASTEN THE STRAPS: COBRA QUICK RELEASE BUCKLES



1, PRIOR TO LOADING THE SKED® RELEASE ALL COBRA BUCKLES AND PULL STRAPS TO ONE SIDE.



2, LIFT SIDES OF SKED® AND FASTEN THE FOUR CROSS STRAPS TO BUCKLES DIRECTLY OPPOSITE TO THE STRAPS AND PULL THEM TIGHT.

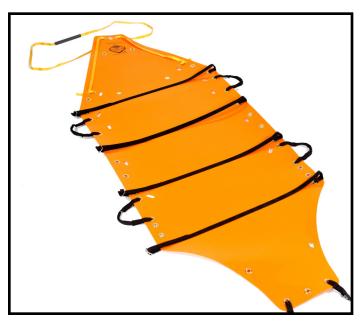


3, FASTEN FOOT END COBRA BUCKLES AND ADJUST STRAPS.

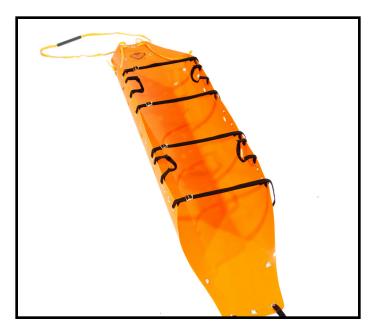


4, DO NOT CRISS-CROSS STRAPS ON THE SKED®. IT WILL CAUSE THE SKED® TO BEND IN THE MIDDLE.

FASTEN THE STRAPS: STEEL BUCKLES



1, PRIOR TO LOADING THE SKED® RELEASE ALL STEEL BUCKLES AND PULL STRAPS TO ONE SIDE. TO RELEASE, LIFT THE LEADING END OF THE BUCKLE TO LOOSEN WEBBING. PULL THE WEBBING OUT OF THE BUCKLE.



2. FASTEN THE FOUR CROSS STRAPS TO BUCKLES DIRECTLY OPPOSITE TO THE STRAPS. TO CONNECT, SEE STEP #3 TO LACE BUCKLES, THEN TIGHTEN STRAPS.

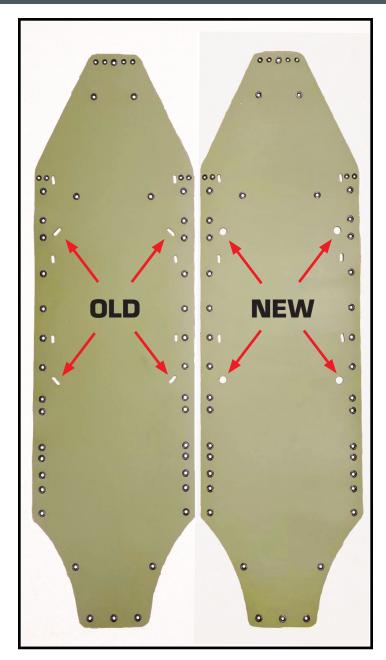


3. FEED THE STRAPS THROUGH UNUSED GROMMETS AT FOOT END OF SKED AND FASTEN TO BUCKLES THEN ADJUST STRAPS.



4, DO NOT CRISS-CROSS STRAPS ON THE SKED®. IT WILL CAUSE THE SKED® TO BEND IN THE MIDDLE.

HORIZONTAL LIFT/DESCENT

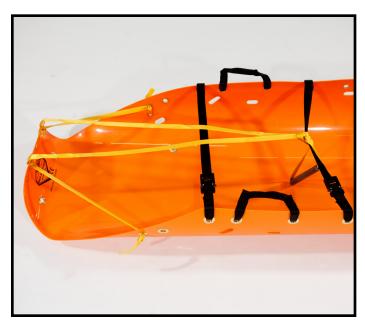


** A few years ago Skedco changed from using angled slots to pass the horizontal lift slings through for rigging for hoisting the Sked to round holes. The holes are in exactly the same place on the current Stretchers and are used on all new Skeds. This makes it easier to install the slings and avoids confusion as there are slots used for installing flotation too. They are smaller and parallel to the side they are closest to but there were a few times someone used the wrong slot for the horizontal lift slings so we changed the angled slots for the slings to round holes.

This avoided confusion and made installing the slings easier. To be sure there is no confusion now we are showing a picture of the round holes and the older angled slots which are in exactly the same place. This should make it clear how to rig the horizontal lift slings on whichever Sked litter you are using.

P.6

HORIZONTAL LIFT/DESCENT



1. PRIOR TO HOISTING, THE HEAD END MUST BE CURLED OVER THE PATIENT'S HEAD AND THE DRAG HANDLE WEBBING TIED TO THE SECOND CROSS STRAP TO PREVENT PATIENT FROM SLIDING OUT OF THE SKED® IN THE EVENT THE SKED® IS SOMEHOW INVERTED TO A HEAD LOW POSITION DURING THE HOIST SEQUENCE.



3. EQUALIZE STRAP. REPEAT PROCEDURE WITH OTHER STRAP AT FOOT END OF SKED®.



2. INSERT ONE END OF HEAD STRAP THROUGH ROUND HOLE AT HEAD END OF SKED®. BRING STRAP UNDER SKED® AND THROUGH ROUND HOLE ON OPPOSITE SIDE OF SKED®.



4. EQUALIZE ALL FOUR STRAPS AND SECURE ENDS WITH LARGE STEEL LOCKING CARABINER.

VERTICAL LIFT/DESCENT



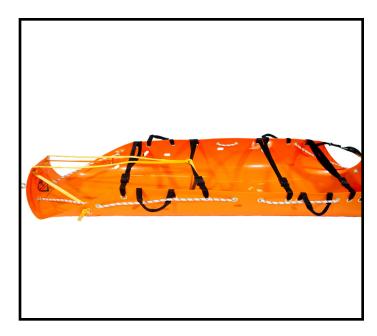
1. PRIOR TO HOISTING. THE HEAD END MUST BE CURLED OVER THE PATIENT'S HEAD AND THE DRAG HANDLE WEBBING TIED TO THE SECOND CROSS STRAP TO PROTECT PATIENT'S HEAD FROM FALLING OBJECTS.



2. INSERT VERTICAL LIFT SLING ROPE THROUGH THE GROMMETS ABOVE PATIENT'S HEAD.



3. FOR EXTREMELY SMALL OPENINGS, LEAVE THE HEAD END EXTENDED. START THREADING THE ROPE THROUGH THE GROMMETS BY THE PATIENT'S SHOULDERS.



4. CONTINUE THREADING THE ROPE ON EACH SIDE OF THE SKED® AS SHOWN IN PICTURE ABOVE.

VERTICAL LIFT/DESCENT



5. THREAD THE ROPE THROUGH THE BOTTOM GROMMETS FROM THE INSIDE-OUT AS SHOWN ABOVE.



6. TIE THE ROPE IN A SQUARE KNOT AT THE LOWER END OF THE SKED®.



7. PASS THE ENDS OF THE ROPE THROUGH THE LOWER CARRY HANDLES FROM THE OUTSIDE-IN AND TIE ANOTHER SQUARE KNOT.



8. TIE AN OVERHAND KNOT ON EACH SIDE OF THE SQUARE KNOT FOR SAFETY.

BACKPACK/TOWING HARNESS



1. ATTACH ONE END OF THE TOW STRAP TO THE BACKPACK. BACKPACK IS USED AS TOWING HARNESS.

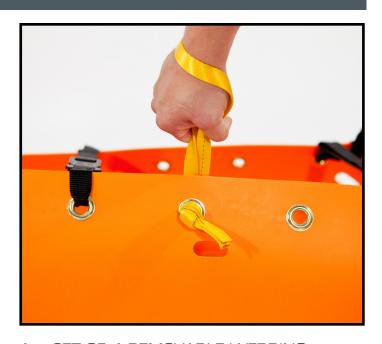


2. ATTACH THE OTHER END OF THE TOW STRAP TO SKED® DRAG WEBBING. THIS ALLOWS "HANDS FREE" DRAGGING OF THE SKED®.

OTHER ACCESSORIES TOW STRAPS/REMOVABLE WEBBING HANDLES



3. TOW STRAP IS ATTACHED TO CARRY HANDLES ENABLING 3 OR 4 RESCUERS TO DRAG THE SKED®.



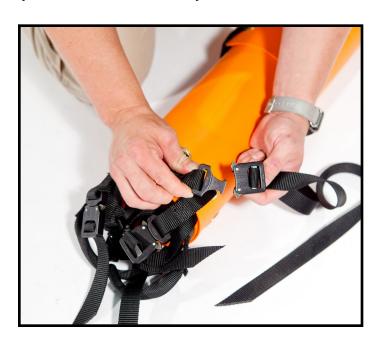
1. SET OF 4 REMOVABLE WEBBING
HANDLES ENABLES UP TO 8 RESCUERS
TO CARRY SKED®. INSERT THRU UNUSED
GROMMETS ON SIDES OF SKED®.
P.10

ROLLING UP THE SKED® STRETCHER



1. LAY STRETCHER OUT FLAT WITH ALL CROSS STRAPS CONNECTED.

**STEEL DOUBLE BAR BUCKLES: PLACE RETAINER STRAP WITH INSIDE OF BUCKLE FACING UP UNDER FOOT END OF SKED®. (SEE PHOTO IN STEP 4)



3. WHILE HOLDING YOUR KNEE ON THE ROLLED SKED®, FASTEN THE COBRA BUCKLES OF THE FOOT END STRAPS TO HOLD THE SKED® IN A TIGHT ROLL.



2. STARTING AT THE HEAD END, ROLL THE SKED® UP AS TIGHT AS POSSIBLE. CONTINUE TO ROLL THE SKED® USING KNEE TO KEEP THE ROLLED STRETCHER SMALL.



4. WHEN USING THE SKED® WITH STEEL DOUBLE BAR BUCKLES, FASTEN THE PRE-PLACED RETAINER STRAP TO BUCKLE AND PLACE SKED® STRETCHER IN BACKPACK.

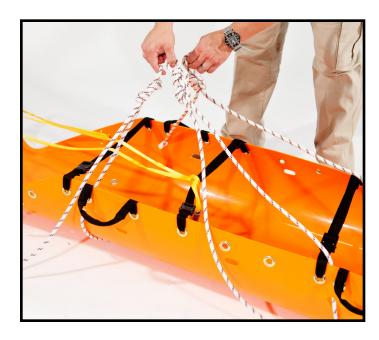
HORIZONTAL LIFT WITH VERTICAL LIFT SLING



1. HOLD THE PRE-TIED FIGURE 8 KNOT IN THE CENTER OF THE ROPE AND PASS THE ENDS OF THE ROPE THROUGH THE ROUND LIFT SLING HOLES FROM THE INSIDE-OUT.



2. PASS THE ENDS OF THE ROPE UNDER THE SKED® AND THROUGH THE ROUND LIFT SLING HOLES ON THE OPPOSITE SIDE FROM THE OUTSIDE-IN.

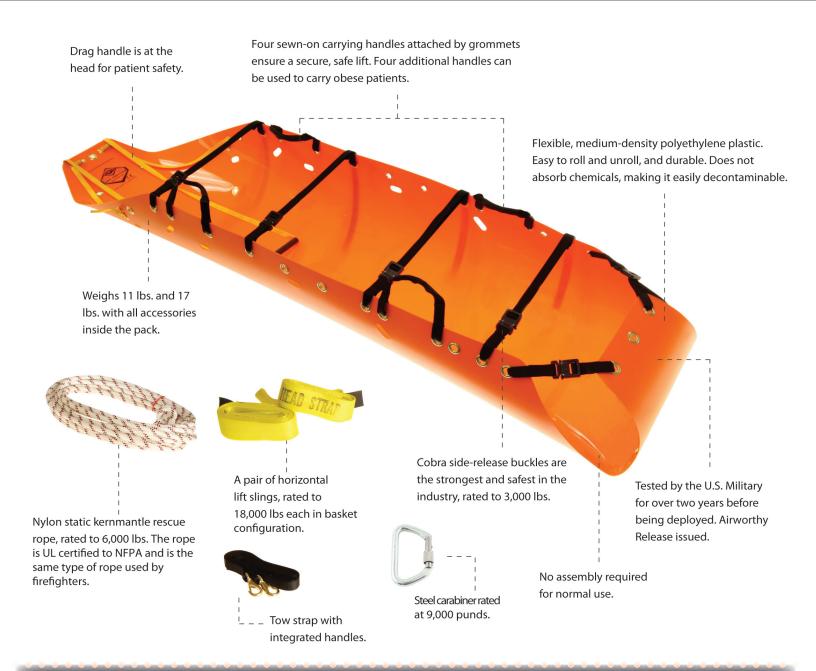


3. TIE FIGURE 8 KNOTS IN BOTH ENDS OF THE ROPE LEAVING ABOUT 2.5 FEET EXTENDING UP FROM THE FOOT END SLOTS AND SHORTER AT THE HEAD END. (SEE PHOTO IN STEP 4)



4. THE ROPE AT THE HEAD END MUST BE A BIT SHORTER THAN THE FOOT END TO PROVIDE A SLIGHTLY "HEAD UP" ATTITUDE FOR PATIENT'S SAFETY AND COMFORT.

SKED® FACT SHEET



SIZE: ROLLED IN CORDURA PACK – 9 INCH DIAMETER X 36 INCH LENGTH

LAID OUT FLAT - 3 FEET X 8 FEET

WEIGHT: 11 LBS (STRETCHER BODY)

17 LBS (WITH ALL ACCESSORIES)

18 LBS (SHIPPING WEIGHT)

TEMPERATURE RANGE: UNBREAKABLE TO -120 °F WITHOUT BECOMING BRITTLE.

SKED® FACT SHEET

SAFEST, MOST ADAPTABLE DESIGN

As found in the Federal Supply Catalog

COMPACT

The Sked® rolls to 6 in. x 36 in. and can be rapidly deployed by one person. At 9 in. and 17 lbs. inside the pack, it's easy to get it into and out of the tightest spaces. It'll fit behind a seat in vehicles, and is easily stored in small work areas.

VERSATILE

We have Skeds specifically designed for all types of rescue: ground, air, water, confined space and Hazmat.

ADAPTABLE

Our variety of accessories allows you to use your Sked® for many specific purposes. The Sked itself is virtually indestructible, but if buckles, rope or webbing get damaged, contaminated or worn out, replacements can be purchased separately.

READY TO DEPLOY

The Sked is ready to use right out of the backpack. Made of medium-density polyethylene plastic, the Sked® is flexible and easy to store, handle and lay flat. It withstands temperatures as low as 120 degrees fahrenheit below zero.



STRONG

Our vertical lift sling is made of static nylon kernmantle rescue rope, rated to 6,000 lbs., is more durable than webbing. This rope is UL certified to NFPA and is the same type of rope firefighters use.

WATER RESCUE

When equipped with the Sked® Flotation System, a patient can be packaged directly from the water in 30 seconds or less. Self-righting, the inflatable flotation system keeps the patient's head completely out of water, even in rough seas. It self-rights if capsized. Foam floats are available for training.

PROVEN DESIGN

We invented the rolled rescue stretcher over 30 years ago and have perfected the design over those years. We know how to make the best stretcher possible and understand every detail of its design and use.

BEWARE OF CHEAP KNOCK-OFFS

Beware of straps that run through the inside, potentially further harming the patient—especially those with spinal injuries or severe burns.

The SK-200 Sked® Basic Rescue System comes with:

- SK-201C-OR The Sked® Stretcher with Cobra Buckles
- SK-202-OR Cordura backpack
- SK-203-OR Horizontal Lift Slings (pair)
- SK-204-OR Sked® Tow Strap
- SK-205-OR Removable Webbing Handles
- SK-206-OR Steel Locking 'D' Carabiner
- SK-207-OR Sked® Vertical Lift Sling

SKED® FAQs

What does "SKED" stand for?

Though we spell it with capital letters, SKED® is not an acronym. It came from fusing two words: "Sled" and "Skid." The early idea behind the product was that it was a SLED that SKIDDED across all types of terrain. Initially, the SKED® was used as a game carrier to tote wild game back to a hunter's camp. It has since morphed into the life-saving device that's used today, worldwide. Like many iconic products that are the first of its kind in the market, the brand has come to epitomize the product itself.

When does the SKED stretcher need to be replaced?

We have no time limit on when the SKED® needs to be replaced because different rescue professionals use it in different ways for different lengths of time. If there is any damage to your stretcher, please reevaluate if you should be using it. If you have questions, please call us at 800-770-SKED (7533).

What should I do if my SKED® is missing a grommet?

SKEDCO uses two grommet sizes that can be found at most local hardware stores. There are two different sizes: the smaller grommet is a size #3, and the larger is a size #5.

What should I do if the straps on my SKED® are starting to fray?

We have replaceable straps – the SK-208C. The SKED-EVAC® Aluminum Side Release Buckle Conversion Kit features Austrian-made Skedco/Cobra side release buckles. These buckles are dependable and strong enough to meet the needs of securing a patient into a SKED® stretcher without the danger of breaking the buckle or accidental release. Please go to the SKED-EVAC® Aluminum Side Release Buckle Conversion Kit product description page for more information. NOTE: We do not sell the steel buckles that came with your SKED® originally because they need to be sewn onto the unit.

What is the SKED's maximum weight allowance?

The heaviest weight ever put in the SKED® is 1347lb. Please read the entire story on our website (skedco.com) under "Heavy Duty Story."

What are the measurements of the SKED®?

Rolled into a Cordura back pack: 9 inch diameter x 36 inch length

Laid out flat: 3 feet x 8 feet

What is the temperature range?

The SKED® plastic is safe at temperatures far above the patient survivable range. It is also unbreakable beyond -120 °F without becoming brittle.

SAFETY INSPECTION OF THE SKED® BASIC SYSTEM

- For the Sked Body: Do a visual inspection of the plastic. If it has cuts that go clear through the plastic, especially at the edges or the grommets, it should be taken out of service and replaced. This is a very rare occurrence. If the plastic is wearing quite thin preventing the Sked from retaining its shape, take it out of service.
- Check all brass grommets. If they are badly bent or coming apart, they should be changed. This may also require sewing a new strap into it. Grommets can be replaced inexpensively by the parachute riggers or any awning shop. When it is done, be sure the grommeting tools do not cut the inside of the grommet. Cut grommets are sharp inside and can cut webbing or rope.
- Check all straps for broken stitching, discoloring (usually white), and fraying. If straps are badly frayed, discolored or if 10 or more of stitches are broken, replace the straps.
- Horizontal lift slings: Check for excessive wear, broken stitches or bad discoloration. If these conditions exist, replace the slings.
- Vertical lift slings (3/8 static kernmantle rope): Check for bad discoloration and soft or thin spots. Thin spots that are soft indicate damaged core. If found cut the rope in two at that point and take it out of service. The rope also has a 10 year service life and need to take out of service once that period has reached.
- All other webbing products should be inspected the same way as the slings and Sked straps.
- The carabiner should work smoothly when the gate is opened and closed. Check for alignment. Check the hinge pin for looseness. The lock nut should work smoothly without hanging up at any point. Failure at any of these points will require replacement. Poorly functioning carabiners should be broken completely or destroyed to prevent others from using it by mistake.
- If you have doubts, call Skedco for advice.

MAINTENANCE GUIDE & SHELF LIFE OF SKED® STRETCHER

AFTER EVERY USE:

Inventory items and replace any missing parts.

Parts checklist:

- A. Sked® Stretcher
- B. backpack carrying case
- C. horizontal lift slings
- D. vertical lift sling (30 Ft 1/2" static kernmantle rope)
- E. large steel locking carabiner
- F. tow strap
- G. four removable webbing handles
- Check all items for clean condition. If necessary wash with mild soapy water but soap must be rinsed away.
- Inspect Sked® for cuts or excessive wear.
 - A. Small dents on edges or scratches on any port of Sked® are permissible.
 - B. Large areas of extreme wear (more than half the thickness) indicate need for replacing. Damaged grommets should be replaced.
 - C. Replace Sked® after 30 years of service or when severely cut or worn.
- Inspect all webbing for excessive abrasion or cuts. Replace if defective or after 10 years of service.
- Inspect vertical (rope) sling for damage of core or sheath. Inspection is done by holding rope between fingers and thumb and pull it through to feel for soft spots or voids. If void inside sheath is detected, cut the rope at that point to prevent anyone else from using it. Then replace the rope. This is the standard for inspecting static kernmantle rope of any length. Severe sheath damage also indicates the rope should be replaced or after 10 years of service
- Check the carabiner for smooth operation of the lock nut and gate. If gate does not close easily or lock nut doesn't work well, replace the carabiner.

Thank you for your care of the Sked® Stretcher system.

When properly cared for, it will provide many years of dependable service.

SKED® STRETCHER LINE UP



SKED® STRETCHER (International Orange)

#SK-200C-OR NSN: 6530-01-575-4004 (Cobra Buckles) #SK200-OR NSN: 6530-01-620-2575 (Steel Buckles)

The original and still the best solution for confined space, high angle or technical rescue and traditional land based applications, the Sked® stretcher is a revolutionary design which provides outstanding patient protection and security. Available in

International Orange and OD Green.

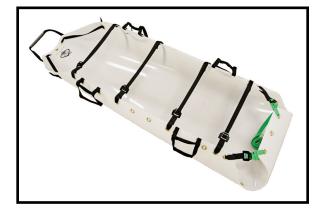
HMH SKED®

#SK-250

NSN: 6530-01-522-7855

The HAZMAT Hospital Sked® is designed for use in mass casualty incidents where terrorists use Weapons of Mass destruction. It is perfect for mass casualty evacuation from hospitals or other buildings. It is also the ideal hospital litter for moving patients down stairways.





BARIATRIC SKED®

#SK-260

The Bariatric Sked® Stretcher is designed to move obese patients through difficult areas with less risk of back injury. It is 4 feet wide, a full 12 inches wider than the standard Sked®. It is a full 8 feet long. It is made of a very tough non absorbing polyethylene plastic.

HALF SKED® #SK-220

The Half-Sked is made of the same durable material as the Sked® stretcher, but is only half as long. The patient is secured in the Half-Sked® with sewn-in two inch webbing straps with FASTEX style double adjustable buckles. Patients can be extricated from the tightest of confined spaces.



SKED® STRETCHER LINE UP (MILITARY APPLICATION)



SKED® STRETCHER (OD Green)

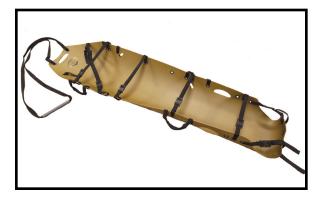
#SK-200C-GR NSN: 6530-01-575-4004 (Cobra Buckles) #SK-200-GR NSN: 6530-01-620-2575 (Steel Buckles)

The original and still the best solution for confined space, high angle or technical rescue, and traditional land based applications, the Sked® stretcher is a revolutionary design which provides outstanding patient protection and security. Available in International Orange and OD Green.

RANGER SKED® #SK-240C

The Ranger Sked®, designed by the Army Rangers and SKEDCO, is used as a patient or equipment drag. It is tough, durable, lightweight and extremely versatile. It measures 22.5 inches x 8 ft x .100 inch thickness and rolls up into a compact 7 inch diameter and 22.5 inch length. It is not designed for hoisting by helicopter. It is either carried by the six sewn-on webbing handles or dragged using the tow webbing.





TACTICAL SKED®

#SK-245C

The Tactical Sked® weighs just seven pounds and with all accessories 9 pounds. When laid out, the Tactical Sked measures in 6 ft. 7 inches long X 22.5 inches wide X 1/10 inch thick. It comes in Coyote Brown and has Cobra buckles throughout. Lightweight and trimmed down for battlefield requirements.

PJ SKED® #SK215

The PJ Sked® is designed to do everything a standard Sked® SK-200 will do. The only difference between the two is the standard Sked® is 36 inches wide and the PJ Sked is 28 inches wide. This allows for an 8 inch shorter pack and it makes it much easier to go through a door with it across your ruck.



SKED® STRETCHER LINE UP (RAPID EXTRACTION SKED)



Rapid Extraction SKED® (OD Green) #SK-RES-GR

The Rapid Extraction Sked Stretcher is designed for increased safety and speed of packaging and extraction of patients from the battlefield and other environments. It is lighter in weight and has a harness included for greater safety and to keep the patient properly positioned in the litter. It measures at 28 inches wide. The vertical lift sling is incorporated into the attached harness

thus eliminating the rope used in previous models of the Sked. Accompanied by the 5,000 pounds minimum break strength triangular screw link at the top end for a quick vertical hoist operation.

Rapid Extraction SKED® (International Orange) #SK-RES-OR





Rapid Extraction SKED® LOW PROFILE (OD Green) #SK-RESLP-GR

On the Low Profile Rapid Extraction Sked the vertical webbing is kept inside the Sked to prevent dragging it on the ground. This is because the low profile version is only 22.5 inches wide. We brought the webbing above the head and through holes above the patient's head in order to protect the webbing from wear. To prevent pulling the patient's head forward when hoisting we simply bring the patient in the Sked into a sitting position before lifting.



SKED®

THE COMPLETE RESCUE SYSTEM

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WWW.SKEDCO.COM



SAVING LIVES SINCE 1981

