A WORD OF CAUTION

The SKEDCO® Combat CASEVAC Kit, SOF Mobility-SK-1200 and its sub-components are intended for use only by trained professionals properly trained in the safety and application of the products for their intended use—Combat Casualty and Medical Evacuation (CASEVAC/MEDEVAC) operations.
I. BACKGROUND AND STATEMENT OF NEED

Combat CASEVAC/MEDEVAC are the “Realities of War.” Approximately 15% of all combat casualties that survive initial wounding die before reaching definitive care from causes that are potentially correctable. Dynamic First Responder-Self/Buddy-Aid and Combat CASEVAC training combined with Individual First Aid and Combat CASEVAC kits at the point of wounding can reduce this percentage.

The SK-1200 is the culmination of over four years of product research, design, development, test, and evaluation that included dynamic feedback from across the services bringing forward their experiences over the past two decades of armed conflict to include Operations Enduring Freedom and Iraqi Freedom.

The innovation of SKEDCO’s Extreme Medicine™ Product Development Division has brought forward not just another “litter in a bag,” but a “full-capability” kit that places the right “equipment and supplies” in the right place at the right time to rapidly extract a casualty from an aircraft, vehicle, or hostile environment, provide casualty environmental protection, a means to safely secure the casualty to the litter and the litter to the CASEVAC platform. In addition, the operator is provided with the “tools” necessary to safely work around the casualty during CASEVAC operations even under NVG conditions.

More specifically, its unique design integrates two interlocking components that allow the kit to be securely integrated with a wide variety of fixed and rotary wing aircraft (AC), ground combat vehicles, and watercraft (WC) in support of air, ground, and waterborne operations throughout the battle space.

INTERIOR-LID TAPE DISPENSER WEBBING

- TAPE, SURGICAL ADHESIVE, 3” ROLL, NSN: 6510-00-926-8884, ONE EACH *roll of tape should secured and “buddy” tabbed for easy access

POCKET BEHIND-A-POCKET, IFAK-LEFT

- *QUIKCLOT ACS®, NSN: 6510-01-499-9285, ONE EACH OR
- *CELOX™, NSN: 6510-01-549-6058, ONE EACH *recommended, but not included

EXTERIOR-BOTTOM-RIGHT IFAK POUCH, PERMANENTLY ATTACHED (contents as they appear from front to rear)

- GAUZE, PETROLATUM, NSN: 6510-01-112-6414, ONE EACH
- Z-PACK GAUZE, NSN: 6510-01-527-8329, TWO EACH
- DRESSING, 6” EMERGENCY BANDAGE W/ MOBILE PAD, NSN: 6510-01-515-7528, TWO EACH
- *COMBAT WOUND PILL PACK, ONE EACH *recommended, but not included

INTERIOR-LID TAPE DISPENSER WEBBING

- TAPE, SURGICAL ADHESIVE, 3” ROLL, NSN: 6510-00-926-8884, ONE EACH *roll of tape should secured and “buddy” tabbed for easy access

POCKET BEHIND-A-POCKET, IFAK-RIGHT

- *QUIKCLOT ACS®, NSN: 6510-01-499-9285, ONE EACH OR
- *CELOX™, NSN: 6510-01-549-6058, ONE EACH *recommended, but not included

INTERIOR-BOTTOM-CENTER CARRIER FLAT POCKET

- CCP/LZ HIGH VISIBILITY PANEL MARKER, SKED-EVAC™, SKEDCO CATALOG # SK-12201, THREE EACH

*Items proceeded by an asterisk (*) are not included as standard sub-components to the SK-1200; they can be ordered separately from the respective manufacturer and inserted at the operational unit level as required.
II. GENERAL CONSIDERATIONS

The SK-1200, when employed properly by trained personnel; supports mounted and dismounted combat operations across the full spectrum on the modern battlefield.

More specifically, its unique design integrates two interlocking components that allow the kit to be securely integrated with a wide variety of fixed and rotary wing aircraft (AC), ground combat vehicles, and watercraft (WC) in support of air, ground, and waterborne operations throughout the battle space.

Sleeve, Utility Litter, SK-1201, NSN: 6530-01-536-4130 is equipped with a custom-designed matrix of Mil Spec Type 13 1.75” webbing that includes “bombproof” straps designed to rig the kit to ground combat vehicles. Integration with military AC/WC is accomplished through an internal harness grade attachment strap that accepts Aviation-Grade; Adjustable Snap Release Buckles, SK-1218 (SOLD SEPARATELY). An internal steel V ring provides a secure attachment point for raising or lowering the kit.

Specific features of the SK-1200 include:

STANDARD: Overall construction exceeds Mil Spec for material, hardware and stitch integrity. Specific sub-components use SKEDCO’s Stitch Integrity System for easy detection of broken or disruptive stitches.

DURABILITY: Sub-components are constructed to endure the most “extreme” conditions on the battlefield. Specific sub-components have been independently tested, accepted and are pending an airworthiness release by the USAARL.

SAFETY, FIT, FORM AND FUNCTION: Casualty and operator and safety are paramount along with fit, form, and function.

PATENT PENDING TECHNOLOGY: SKEDCO’s unique Carrier, Break-Away Litter, SK-1202, NSN: 6530-01-536-5756 permits the kits casualty management tools to move with dismounted personnel to the point of wounding or operate separate and apart from the CASEVAC platform.

COMPATIBILITY: SK-1200 is compatible with RANGER SKED® and 81-inch and 90-inch quad-folding litters.

III. INVENTORY, INSPECTION AND PACKING

INVENTORY: SECTION XIII of this guide contains detailed packing guidelines and list for combat packing the SK-1200.
INSPECTION (PRE/POST MISSION):

- **STITCH INTEGRITY:** Check for broken or disruptive stitches. The SKEDCO “Stitch Integrity System” uses contrasting colored thread allowing for easy inspection of stitch integrity.
- **WEBBING INTEGRITY:** Check for abrasion, burns, cuts, excessive wear or staining indicating exposure to caustic substances rendering the webbing unsafe for use.
- **HARDWARE INTEGRITY:** Check for breaks, cracks, excessive wear or missing sub-components.
- **EQUIPMENT INTEGRITY:** Check for operability and light source and power supply where applicable.
- **SUPPLY INTEGRITY:** Check for packaging, sterility, and expiration date where applicable.

PACKING: SEE SECTION XIII, Packing Guidelines and List of this guide for detailed packing guidelines.

IV. GROUND COMBAT VEHICLE MOUNTING

STEP 1 ATTACHMENT STRAPS
LOCATE CASEVAC kit attachment straps, rear of Utility Litter Sleeve.

STEP 2-A EXTERIOR MOUNTING USING CROSS BARS
POSITION running ends of attachment straps, straps located on rear of Utility Litter Sleeve.
WEAVE running ends vertically in a “basket weave” pattern alternating between horizontal cross straps and attachment points on vehicle. Once complete, FASTEN adjuster buckles securely. REMOVE all slack from straps. STOW excess webbing as required. RE-CHECK security of kit throughout movement. RE-TIGHTEN straps as required.

STEP 2-B INTERIOR BENCH MOUNTING USING CROSS BARS
PLACE the CASEVAC kit on interior bench seat. FOLLOW instructions in STEP 2-A.

CARRIER, BREAK-AWAY LITTER W/ SUB-COMPONENTS

- CARRIER, BREAK-AWAY LITTER, NSN: 6530-01-536-5756, ONE EACH
- EXTERIOR-TOP STRAP CUTTER SHEATH
- RESCUE TOOL, OK™ MODEL 2, SKEDCO CATALOG #: SK-OKRT2, ONE EACH
- INTERIOR-MAIN COMPARTMENT
- *LITTER, Quad-Folding 81C/90C (*LITTER, Quad-Folding 81C/90C inserted at unit level), ONE EACH
- **SYSTEM, CASUALTY EXTRACTION, MANUAL, SKED-EVAC™ W/ STUFF SACK, NSN: 6530-01-537-2363, ONE EACH **Configuration: SK-1200 w/Quad-Folding 81C-packed inside detachable nylon pouch within litter cap; Quad-Folding 90C-packed inside litter
- BLANKET, BLIZZARD REFLEX CELL, NSN: 6532-01-524-6932, ONE EACH (packed inside litter, Quad-Folding 81C/90C)
- INTERIOR-FRONT MAIN COMPARTMENT
- CASUALTY MARKER & SIGNAL KIT, SKED-EVAC™, SKEDCO CATALOG #: SK-12200-CB, ONE EACH (attached to removable MOLLE/PALS panel)

THE SK-12200-CB SUB-COMPONENTS:
- SKEDCO EXTREME MEDICINE™ FIRST RESPONDER-COMBAT CASEVAC IMMEDIATE ACTION CARDS, SKEDCO CATALOG #: XMS-20-CC, ONE EACH
- STAEDTLER PERMANENT MARKER PEN AND ERASER, SKEDCO CATALOG #: SK-12206, ONE EACH
- STRAP, ATTACHMENT, CASUALTY MARKING, SKED-EVAC™, NSN: 6530-01-537-8521, ONE EACH
- CCP/LZ HIGH VISIBILITY PANEL MARKER, SKED-EVAC™, SKEDCO CATALOG #: SK-12201, ONE EACH
- CHEMICAL LIGHT, IR, 8 HOUR, NSN: 6260-01-396-1704, ONE EACH
- CHEMICAL LIGHT, RED, 12 HOUR, NSN: 6260-01-178-5559, ONE EACH
- CHEMICAL LIGHT, GREEN, 12 HOUR, NSN: 6260-01-074-4229, ONE EACH
- CHEMICAL LIGHT, BLUE, 8 HOUR, NSN: 6260-01-178-5560, ONE EACH
- 2”X3” SIGNAL MIRROR WITH LANYARD, SKEDCO CATALOG #: SK-12202, ONE EACH
- FOX 40 PEALESS SAFETY WHISTLE WITH LANYARD, SKEDCO CATALOG #: SK-12203, ONE EACH

EXTERIOR-TOP LITTER CAP POCKET
- KIT, COMBAT CASEVAC, SOF MOBILITY OPERATIONAL USE GUIDELINES AND PACKING LIST, ONE EACH (5-1/2” X 8-1/2” Tyvek Fabric Field Guide)
XIII. PACKING GUIDELINES AND LIST

KIT, SHROUD, COMBAT CASEVAC, MOBILITY
- SHROUD, COMBAT CASEVAC, MOBILITY, SKEDCO CATALOG #: SK-1205, ONE EACH
- SLEEVE, UTILITY (VEHICLE MOUNTING), LITTER W/ SUB-COMPONENTS
  - SLEEVE, UTILITY, LITTER, NSN: 6530-01-536-4130, ONE EACH
  - STRAP, ATTACHMENT, CASEVAC KIT (attached to universal web vehicle mounting matrix on rear of sleeve), SKEDCO CATALOG #: SK-1204, TWO EACH

INTERIOR-LEFT BUTTERFLY POCKET (contents as they appear from pocket flap to pocket base; front to rear, top to bottom)
- CARABINER, SMC LITE STEEL LOCKING D, BLACK, NSN: 6530-01-262-4510, ONE EACH (packed inside pocket flap)
- *OPTIONAL AVIATION-GRADE; ADJUSTABLE SNAP RELEASE BUCKLE (PS22018) FOR ATTACHMENT TO AIRCRAFT RATED D RINGS, SKEDCO CATALOG #: SK-1218, ONE EACH (packed inside pocket flap attached to D ring)
- STRAP, LITTER, SKED-EVAC™, NSN: 6530-01-536-4145, TWO EACH (packed inside top pocket(s))
- STRAP, LITTER TIE-DOWN, SKED-EVAC W/ STUFF SACK, NSN: 6530-01-530-3860, ONE EACH (packed inside bottom pocket)

POCKET BEHIND-A-POCKET, BUTTERFLY POCKET-LEFT
- SPLINT, SAM 36”, FLAT FOLDED, GRAY, NSN: 6515-01-516-3104, ONE EACH

INTERIOR-RIGHT BUTTERFLY POCKET (contents as they appear from pocket flap to pocket base; front to rear, top to bottom)
- CARABINER, SMC LITE STEEL LOCKING D, BLACK, NSN: 6530-01-262-4510, ONE EACH (packed inside pocket flap)
- *OPTIONAL AVIATION-GRADE; ADJUSTABLE SNAP RELEASE BUCKLE (PS22018) FOR ATTACHMENT TO AIRCRAFT RATED D RINGS, SKEDCO CATALOG #: SK-1218, ONE EACH (packed inside pocket flap attached to D ring)
- STRAP, LITTER, SKED-EVAC™, NSN: 6530-01-536-4145, TWO EACH (packed inside top pocket(s))
- STRAP, LITTER TIE-DOWN, SKED-EVAC W/ STUFF SACK, NSN: 6530-01-530-3860, ONE EACH (packed inside bottom pocket)

POCKET BEHIND-A-POCKET, BUTTERFLY POCKET-RIGHT
- SPLINT, SAM 36”, FLAT FOLDED, GRAY, NSN: 6515-01-516-3104, ONE EACH

STEP 2-B INTERIOR BENCH MOUNTING USING CROSS BARS
PLACE the CASEVAC kit on interior bench seat. FOLLOW instructions in STEP 2-A.

STEP 3 PROTECTIVE SHROUD
PLACE the CASEVAC Kit Shroud, SK-1205 over the kit. DRAW spring-loaded cam buckles tight on each side.

V. AIRCRAFT AND WATERCRAFT MOUNTING

STEP 1 AVIATION-GRADE, ADJUSTABLE SNAP RELEASE BUCKLES
PROCURE two (2) Aviation-Grade, Adjustable Snap Release Buckles from unit aviation Supply or SKEDCO.

STEP 2 BUCKLE ATTACHMENT TO INTEGRATED MOUNTING STRAPS
ACCESS integrated vertical mounting straps located on rear of Utility Litter Sleeve. ATTACH buckles to straps.
STEP 3 SECURE KIT TO AC/WC
ATTACH Aviation-Grade, Adjustable Snap Release Buckles to a rated attachment points on AC/WC. REMOVE all slack from straps. STOW excess webbing as required. RE-CHECK security of kit throughout movement. RE-TIGHTEN straps as required.

STEP 4 PROTECTIVE SHROUD
PLACE the CASEVAC Kit Shroud, SK-1205 over the kit. DRAW spring-loaded cam buckles tight on each side.

*If Aviation-Grade, Adjustable Snap Release Buckles are not available, two (2) SKEDCO-SMC Lite Steel Locking D Carabiners, NSN: 6530-01-262-4510, standard to the kit can be used to secure kit to rated attachment points on AC/WC.

VI. CASUALTY EXTRACTION
SEE Operational Use Guidelines for the SKED-EVAC™ YAK Extraction System, NSN: 6530-01-537-2363 contained within the system.

WARNING! The SKED-EVAC™ “YAK” Casualty Extraction System is designed to be used by personnel trained in casualty extraction or rescue under austere, combat like conditions where life-threatening injuries may exist! When time and resources permit, technical rescue tactics, techniques, and procedures should be employed! Aircraft or vehicle extraction, where spinal injury is suspected, the Oregon Spine Splint ii®, SK-300 (NSN: 6530-01-265-3583) is the preferred device! The Oregon Spine Splint ii® must be applied prior to attaching the SKED-EVAC™ “YAK” Casualty Extraction System and care must be taken to prevent lateral or rearward movement of the lower extremities during extraction!

X. 9-LINE CASEVAC/MEDEVAC REQUEST
SEE SKEDCO EXTREME MEDICINE™ SERIES FIRST RESPONDER-COMBAT CASEVAC IMMEDIATE ACTION CARDS (XMS-20-CC) for 9-Line CASEVAC/MEDEVAC Request/Helicopter Landing Zone (HLZ) Procedures. The CASEVAC Immediate Action Cards are a sub-component of the removable SKED-EVAC™ Casualty Marker & Signal Kit, SK-12200-CB located inside the front of the Break-Away Litter Carrier.

Cards XMS-20-CC-E and F provide detailed DOD guidelines and a laminated 9-Line CASEVAC/MEDEVAC request field with space to right in the required data using the enclosed Staedtler marker pen. Once the CASEVAC/MEDEVAC mission is complete the enclosed Staedtler eraser can be used to sterilize the field.

Cards XMS-CCCC-A and B are provided to document first responder care provided at the point of wounding and enroute care performed during CASEVAC. There are two cards contained within the CASEVAC Immediate Action Cards that can be used for multiple casualty incidents. These cards also laminated so they can be sterilized and reused following the mission.

XI. HELICOPTER LANDING ZONE PROCEDURES
The SKED-EVAC™ Casualty Marker & Signal Kit, SK-12200-CB located inside the front of the Break-Away Litter Carrier contains a multi-purpose SKED-EVAC™ CCP/LZ High Visibility Panel Marker with integrated glint tape for IR marking, reflective tape and chemical light retention bands designed to hold one or a combination of the chemical lights included with the kit. The kit contains a signal mirror and whistle for signaling as required. There is also a full-size panel marker located in the lower front pocket of the Break-Away Litter Carrier.

FOLLOW standard unit operating procedures or see SKEDCO EXTREME MEDICINE™ SERIES FIRST RESPONDER-COMBAT CASEVAC IMMEDIATE ACTION CARDS (XMS-20-CC) contained within the Casualty Marker and Signal Kit for HLZ procedures.

XII. CONTINUITY OF CARE
PERFORM Combat Casualty Care IAW your unit’s standard operating procedures throughout evacuation until the casualty is properly transferred to a higher level of care. The SKEDCO EXTREME MEDICINE™ SERIES FIRST RESPONDER-COMBAT CASEVAC IMMEDIATE ACTION CARDS, XMS-20-CC provides up to date guidelines regarding Combat CASEVAC Care.
STEP 4 HAND TIGHTEN RUNNING ENDS
CINCH DOWN each running-end of the one-inch webbing until hand tight.

STEP 5 REPEAT STEPS 2-4 ON THE OPPOSITE END OF THE LITTER

STEP 6 PROTECT CASUALTY’S HAIR AND CLOTHING FROM RATCHET MECHANISM
TAKE CAUTION to insure the casualty’s hair or clothing is not entangled in the ratchet mechanism

STEP 7 RATCHET DOWN TIE-DOWN STRAPS SECURELY
RACHET down each tie-down strap securely. RECHECK strap security enroute and RE-TIGHTEN as required.

VII. BLIZZARD ENVIRONMENTAL PROTECTION WRAP
The Blizzard Rescue Blanket, NSN: 6532-01-524-6932 provides thermal protection for casualties. It provides the total warmth and weather protection associated with our Reflex cell material, reducing shock and guarding against the risk of hypothermia in all conditions.

STEP 1 BLANKET PLACEMENT UNDER CASUALTY
PLACE the extra-large blanket underneath casualty.

STEP 2 CASUALTY WRAP
WRAP both sides around casualty. SEAL self-adhesive closures on wrap.

STEP 3 CASUALTY EXAMINATION OR INTERVENTION
RE-OPEN wrap for examination of casualty or medical intervention as required.

VIII. PATIENT LITTER STRAP APPLICATION
*If using a quad-folding pole litter, use four Straps, Litter, SKED-EVAC, NSN: 6530-01-536-4145, IAW FM 8-10-6, Medical Evacuation in a Theater of Operations (Tactics, Techniques, and Procedures).

SECURE CASUALTY TO RANGER SKED®

STEP 1 PLACEMENT OF CASUALTY IN RANGER SKED®
PLACE casualty in the RANGER SKED® per manufacturer’s instructions.

STEP 2 SECURE CASUALTY TO RANGER SKED®
FASTEN SKEDCO one-inch, aluminum side-release buckles and foot straps until taught.
*BE CAREFUL not to restrict casualty breathing!
SECURE CASUALTY TO QUAD-FOLDING LITTER USING SKED-EVAC PATIENT LITTER STRAPS

STEP 1 PLACEMENT OF CASUALTY ON LITTER
PLACE casualty on approved pole litter per manufacturer's instructions.

STEP 2 LITTER STRAP PLACEMENT
*Suggested patient litter strap placement is:

- PLACE the first litter strap high on the chest and under the casualty's arms as not to restrict breathing.
- PLACE the second strap over the casualty’s waist (iliac Crest).
- PLACE the third strap is placed above the casualty’s knees over the thighs.
- PLACE the fourth strap is placed below the casualty’s knees over the shins.

STEP 2-A REMOVE THE STRAP FROM THE STOWED POSITION
OPEN VELCRO® retention band and extend the strap.

STEP 2-B OPEN AND EXTEND THE STRAP
OPEN SKEDCO Aluminum Side-Release Buckle; EXTEND strap fully.

STEP 2-C ROUTE THE STRAPS AND BUCKLE PLACEMENT
ROUTE straps around the litter and casualty; PLACE buckles on the side closest to operator; SECURE buckles by inserting male end into female end; ADJUST snugly.
*BE CAREFUL not to restrict breathing or circulation.

STEP 2-D ADJUST AND STOW EXCESS WEBBING
ADJUST for excess webbing by sliding webbing retention ring along the webbing until excess webbing is secure.

IX. GUIDELINES FOR APPLICATION/REMOVAL OF LITTER TIE-DOWN STRAPS FOR SKED® AND POLE LITTERS

SKED LITTER TIE-DOWN

For SKED® Litters, USE SKED® Battlefield Litter Tie-Down Strap

STEP 1 SKED® LITTER PLACEMENT
PLACE SKED® litter between approved tie-down points on CASEVAC platform.

STEP 2 TIE-DOWN STRAP PLACEMENT OVER SKED LITTER
PLACE each tie-down strap as equally as possible across the upper and lower portions of the litter.

STEP 3 SECURELY ATTACH SNAP HOOKS TO PLATFORM
ATTACH each snap hook securely to approved tie-down points on the platform.

STEP 4 SECURE TIE-DOWN STRAPS
FIRMLY grasp the adjustment strap and buckle and remove the slack from each strap; ensuring that the SKED® litter is firmly secured to the platform.
*BE CAREFUL not to over tighten the straps restricting casualty breathing or providing undo discomfort!

STEP 5 STOW EXCESS WEBBING AND RECHECK STRAP TENSION THROUGHOUT TRANSPORT AS REQUIRED
STOW any excess webbing between the strap and the litter, careful not to impede tie-down removal in case of emergency. RECHECK strap tension throughout transport and retighten as required.

IN THE EVENT OF AN EMERGENCY, WHERE RAPID EVACUATION OF THE CASUALTY IS REQUIRED, BREAK THE STRAP CINCH BY PULLING ON THE BLACK NYLON TAB ATTACHED TO THE ADJUSTER BUCKLE ALLOWING THE STRAP TO BE LOOSENED. REMOVE THE SNAP HOOKS FROM ONE SIDE OF THE LITTER. RAPIDLY REMOVE THE LITTER TO A SAFE LOCATION.

POLE LITTER TIE-DOWN

For pole litters, USE SKED-EVAC Universal Litter Tie-Down Strap

STEP 1 POLE LITTER PLACEMENT
PLACE pole litter between approved tie-down points on CASEVAC platform.

STEP 2 LITTER TIE-DOWN PLACEMENT
SLIDE two-inch nylon loops fully over litter handles. INSURE ratchet mechanism faces upright.

STEP 3 ATTACH SNAP HOOKS TO TIE-DOWN POINTS
SECURE snap hooks to approved tie-down points.