

**FERNO**<sup>®</sup>  
Military Systems

[www.FernoMilitarySystems.com](http://www.FernoMilitarySystems.com)

# GLOBAL TACTICAL EVACUATION





Ferno Military Systems, Inc. is a small group of Product Designers, Engineers, Machinists and one K-9 for good measure. We all come from different backgrounds that drive our passion to be here. At heart, we are gearheads who love helicopters, big engines, hot rods and motorcycles. We wake each day inspired to design, tinker, cut metal and get dirty in the process. We take great pride in thinking outside of the box and offering high-performance products.

Collectively, we specialize in Aeromedical and Tactical Evacuation Equipment, and we are honored to work with those who serve and protect our country.

**Our Motto:** Concept, Design, Machine

**Our Mission:** To provide combat medics with innovative, lightweight, durable and efficient products that improve healthcare delivery to the modern U.S. war fighter.



**FOB Alpharetta, GA  
Since 1996**

For engineering or technical questions related to products please contact:  
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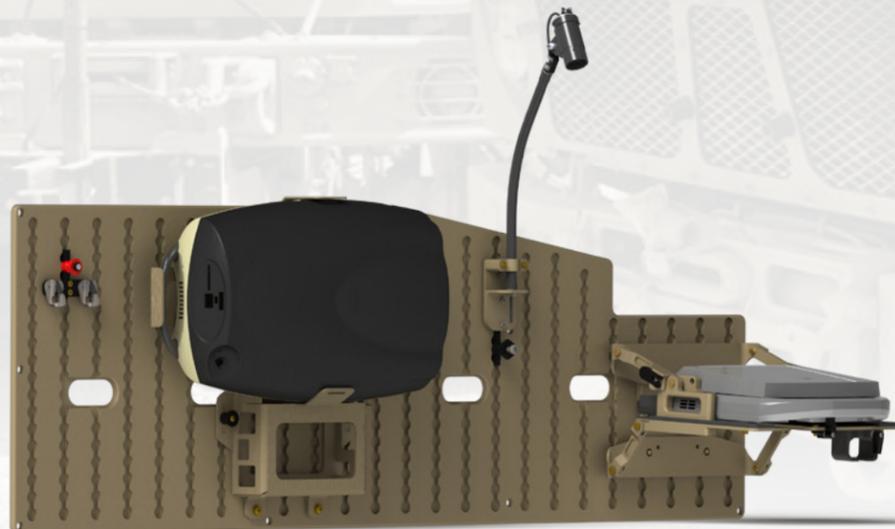
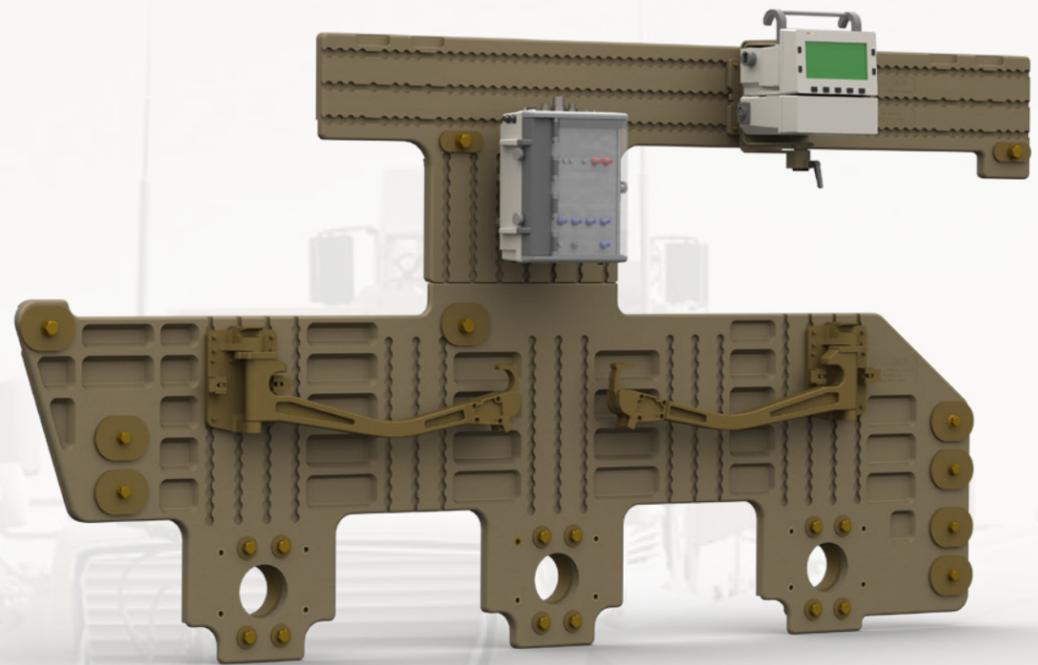
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### Custom Interior Vehicle MOLLE

#### Custom Interior Vehicle MOLLE

Our Custom Modular wall plates provide a lightweight and rugged multi-equipment mounting surface inside the vehicle, allowing crew members to customize vehicle interiors to meet immediate mission requirements. FMS custom wall plates are compatible with our entire line up of Litter Arms and Medical device mounts.

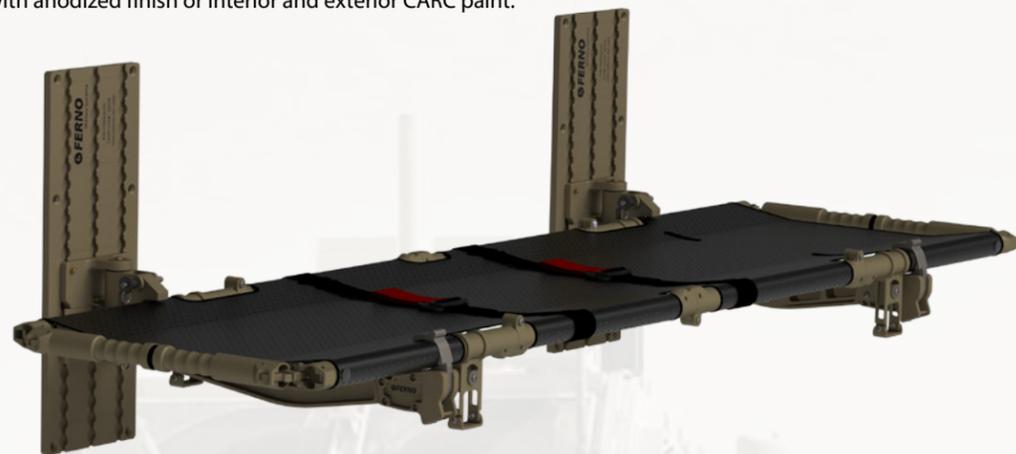


### Custom Interior Vehicle MOLLE



## NATO Litter Arms

The Universal Litter Arms can be installed on any military vehicle, from SXS's to MRAP's. Standard fixed position, adjustable position, or custom wall plates and mounting solutions available for your specific needs. Offered with anodized finish or interior and exterior CARC paint.



### 10.G Litter Arm

FMS 10.G Litter Arms provide a lightweight, load and blast tested, rapidly deployable casualty evacuation system. Specifically designed to secure (1) critical casualty over rough terrain. The 10.G system can be installed on any military vehicle providing an immediate CASEVAC mission configuration.

FA643E134 (22.5 x 8" Ferno-Track)  
NSN 2590-01-587-3862

FA643A130 (10.G Litter Arm)  
NSN 2590-01-587-3869

FA643A125 (Pivot Housing)  
NSN 2590-01-587-3866



### 20.G Litter Arm

FMS 20.G Litter Arms are a more robust version of our load-tested, and rapidly deployable tactical evacuation system. Specifically designed to secure (1) critical casualty over rough terrain. The 20.G system can be installed on any military vehicle providing an immediate CASEVAC configuration.

FA643E134 (22.5 x 8" Plate)  
NSN 2590-01-587-3862

FM644A100 (20.G Litter Arm)  
NSN 2590-01-614-7335



## Litter Arm Components



10.G 8x8" Fixed Position Plate  
FA643E130



10.G Pivot Housing  
FA643A125  
NSN 2590-01-857-3866



Ferno-Track™  
22.5 x 8" - FA643E134  
NSN 2590-01-587-3862

80 x 8" - FA643E131  
NSN 5340-01-612-9458

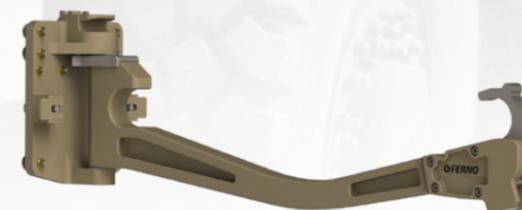


10.G Litter Arm  
FA643A130  
NSN 2590-01-587-3862



20.G 8x8" Fixed Position Plate

FM645E116 (Non-Ballistic)  
FM643E115 (Ballistic)



20.G Litter Arm Assembly  
FA644A100  
NSN 2590-01-614-7335



## (IMS) Integrated Mount System

### Standard Series

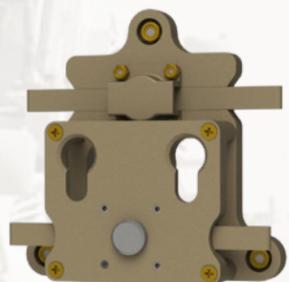
The Standard series is a larger and more robust group of wall mounts in the IMS family. Designed for use on any vehicle platform, in any environment, or any application where space and weight are not as critical - or where heavier devices need to be mounted. The simple quick-release system consists of a wall plate & medical device mount - or a universal mount, and an adaptor attached directly to the device. This system allows any medical device employing the Standard IMS to be rapidly installed or removed as needed.



20G Tested in All Directions

### Universal Equipment Mount

The Universal Equipment Mount serves as an interface between devices where IMS adaptors are used with our Ferno-Track™. The (2) stage quick-release allows for rapid installation or removal of the device itself and rapid installation, adjustment and removal from the Ferno-Track™. CNC machined from aircraft aluminum.



FA829A3100

### IMS Standard Adaptors

Belmont® buddy plus™ Adaptor



FA829A8000

Impact® 754 / 731 Adaptor



FA829A1200

Propaq® 206 Adaptor



FA829A1500

### Generic Equipment Mount

The Generic and Generic-X Equipment Mounts serve as an interface between any attached device and our Ferno-Track™ or fixed position mounting plate. A single quick-release, allows for rapid installation and removal of mount from wall. CNC machined from aircraft aluminum.

FA643A310

FA643A315 (Pre-drilled hole pattern)

NSN 5340-01-614-7358

Generic-X

FA643A310-X

FA643A315-X (Pre-drilled hole pattern)



## IMS Standard Series

### Sonosite Folding Mount

The Sonosite M-Turbo® Mount is a lightweight, custom piece that uses the generic mount as its base and attaches directly to the M-Turbo® unit. Quick release provisions allow for rapid installation or removal from Ferno-Track™ as needed, as well as, allow the M-Turbo® to be folded upright against the wall of the vehicle. Includes provisions for docking station. CNC machined from aircraft aluminum.

FA829A1700

### Propaq® 206 Swivel Mount

The Propaq® 206 Series Swivel Mount is a lightweight, custom piece that uses our Generic Mount as its base and attaches directly to the back of the 206 unit (with or without printer). The swivel mount allows 70 degrees of rotation (4) fasteners allow the mount to be installed or removed quickly from the device as needed. Made from aircraft aluminum.

FA821A250

NSN 5340-01-614-7337

### Sequal® Eclipse Surface Mount

The Eclipse Surface mount is a lightweight, custom piece that attaches directly to any of our Standard Ferno-Track™ or Custom Interior Vehicle MOLLE. Fixed position plates are also available. Mount includes storage compartment for power cords, and (2) quick-release provisions allow the mount to be rapidly installed or removed from Ferno-Track™ as needed. Made from aircraft aluminum.

FM400A107

### Impact® 754 / 731 Surface Mount

Our new Impact® 731 / 754 surface mount uses our Generic Mounts as its base. Mount includes storage compartment for power cord. Compatible with our 10.G fixed position plate, and any of our Standard Ferno-Track™ or Custom Interior Vehicle MOLLE. Quick release provisions allow rapid installation or removal. Made from aircraft aluminum.

FM500A107



## (IMS) Integrated Mount System

## IMS Pro Series

### Pro Series

Our Pro series is the lightest group of surface mounts in the IMS family. Designed for use on any platform, in any environment or any application where space and weight are critical. The simple (3) piece, (2) stage system consists of a base plate, the universal ProV receiver, and an adaptor that attaches to the medical device. This system allows any medical device employing a ProV adaptor to be rapidly installed or removed as needed.

20G Tested in All Directions



### Mini-Track

The Mini-Track serves as the base plate of the ProV system and can be installed to any structurally appropriate surface. Designed with Aeromedical applications in mind, the Mini-Track allows for either vertical or horizontal adjustability once installed and is available in pre-cut or custom lengths as needed. CNC machined from aircraft aluminum.



2.25 x 7" FM100E100-7

### ProV Receiver

The Mini ProV Universal Receiver is designed for use with medical devices employing our ProV adaptor, and Mini-Track. The (2) stage quick-release allows the device to be deployed or removed from receiver as needed, and allows rapid deployment, adjustment or removal of the receiver from the Mini-Track as needed. The ProV includes a quick-cam feature to secure the fit and feel of the receiver to the Mini-Track. CNC machined from aircraft aluminum.



FM300A100

### ZOLL Propaq® MD/X

The Mini ProV Adaptor mounts directly to the back of the Propaq® MD. Once the adaptor is in place, it serves as an interface between the Propaq® MD/X and the Mini ProV receiver. (4) Screws allow the adaptor to be installed or removed quickly from the device as needed.



FM300A102-MD



### Sequal Saros Surface Mount

The Saros adaptor captures the Saros unit and provides a rapid mounting solution for any vertical or horizontal surface. Saros units can be easily removed and replaced as needed while the mount stays in place. Made from aircraft aluminum.

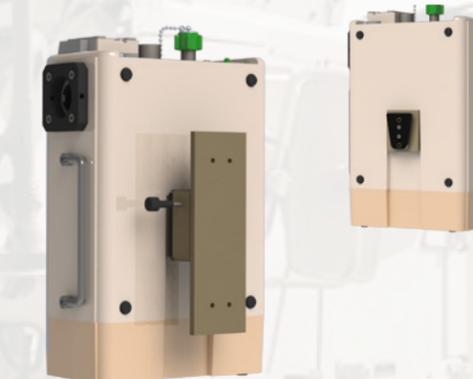
FM400A094



### Impact® 754 / 731

The Mini Impact 754 / 731 Adaptor mounts directly to the back of the ventilator. Once the adaptor is installed, it serves as an interface between the device and our ProV Mini Receiver. Set screws allow the adaptor to be installed or removed quickly from the device as needed. CNC machined from aircraft aluminum.

FA829A210-V



### Belmont® buddy plus™

The ProV Mini Belmont® Adaptor mounts directly to the back of the device. Once the adaptor is in place, it serves as an interface between the device and our Mini Universal Equipment Mount or Mini receiver. (6) Screws allow the adaptor to be installed or removed quickly from the device as needed. Made from aircraft aluminum.

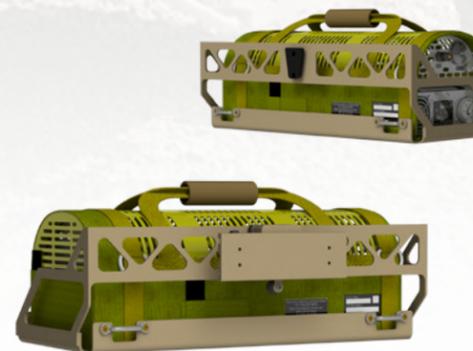
FA829A190-V



### BMOS LOX

The BMOS LOX mount is designed to hold the Essex 3 liter BMOS Portable LOX System. Once the unit is in place, the mount serves as an interface between the LOX System and the Mini ProV receiver. (4) Velcro straps secure the unit in place while allowing the BMOS to be installed or removed quickly from the mount as needed. Made from aircraft aluminum.

FM400A103-V



## Interior Mounting Accessories

### Single Track Stud

The Single Track Stud is a semi-permanent stud designed to install items of mass on standard Ferno-Track™ or single strips of aircraft seat track. Available in size 10-32 or 1/4" fasteners.

FM500A102-10.32 (10.32")

FM500A102-1.4 (1.4")



### Single Track Mount

The Single Track Mount (STM) is designed to mount an array of equipment. For use with standard Ferno-Track™, the STM can be used in a horizontal or vertical orientation. The STM can also be cut to custom lengths as needed for larger equipment. Quick release provision allows the mount to be rapidly installed, adjusted or removed as needed. CNC machined from aircraft aluminum.

FM500A103 (2.75" / 2 Post)



### Single IV Bag Hook

The Single IV bag hook is designed to hold (1) IV bag. For use with Standard Ferno-Track™, the STM IV Hook can be used in a horizontal or vertical orientation. Quick release provision allows the mount to be rapidly installed adjusted or removed. CNC machined from aircraft aluminum.

FM500A103-IV-1



### Double IV Bag Hook

The Double IV bag hook is designed to hold (2) IV bags. For use with Standard Ferno-Track, the STM IV2 has a Quick release provision that allows the mount to be rapidly installed, adjusted or removed. CNC machined from aircraft aluminum.

FM500A103-IV2



## (STM) Single Track Mounts

### IV Bag Velcro Wrap

The IV Velcro Wrap is designed to secure the bottom of any IV bag when installed with our STM IV Hooks. For use with Standard Ferno-Track™, the Velcro wrap has a quick release provision that allows the mount to be rapidly installed, adjusted or removed as needed. CNC machined from aircraft aluminum.

FM500A105



### SureTemp® Plus 690 / 692 Thermometer Holster

This Single Track Mount is designed to secure (1) Welch Allyn SureTemp® Plus 690 or 692 digital thermometer, and is compatible with any of our Standard Ferno-Track™ or Custom Interior Vehicle MOLLE. A single quick-release allows the holster to be rapidly installed or removed as needed by medics. Made from aircraft aluminum.

FM500A106



### IV Bag Mount

The new IV Bag mount incorporates our IV hook and velcro strap into one mount. Designed to secure (1) IV Bag, and is compatible with any of Standard Ferno-Track™ or Custom Interior Vehicle MOLLE. A single quick release allows the mount to be rapidly installed or removed as needed. Made from aircraft aluminum.

FM500A109



### Overhead IV Hook

Our new overhead IV hook is designed to hang 1-2 IV bags and is compatible with Standard Ferno-Track™. A single quick release allows the IV hook to be rapidly installed or removed as needed, and includes a folding feature for a low profile when not in use. CNC machined from aircraft aluminum.

FA829A615



## CASEVAC Accessories

**Sequal Saros TACEVAC Crate**

The STEC is designed to hold up to 4 Saros O2 units. The symmetrical design and independent locking crosses on each side allow for rapid installation or removal of the Saros units. The STEC can be secured to vertical or horizontal surfaces via "D" rings and tie downs, or via seat track and our IMS system. The STEC can be configured to hold traditional O2 bottles as well. Made from aircraft aluminum.

FM400A122

**Tactical Pac-Rac™**

The Tac Pac-Rac™ is a lightweight equipment table designed to fit NATO litters, as well as, all of our patient transport stretchers. The TPR can be used as a complimentary equipment table to the Compact Treatment Station, and can be configured to secure an array of medical equipment. The TPR can be rapidly installed or removed as needed. Made from aircraft aluminum.

274-M

**Advanced Pac-Rac™**

The Advanced Pac-Rac™ is more robust version than its tactical cousin. The APR includes our IMS Mini-Track on the top surface, allowing medical devices to be rapidly mounted as needed. The advanced design also allows patient removal without having to remove the equipment table itself. The APR is compatible with our Advanced Life Support Litter, as well as, any of our patient transport stretchers. ECMO configurations also available. CNC machined from aircraft aluminum.

FM840A117



## CASEVAC Accessories

**Sequal® Saros™**

The Saros™ Litter Clamp is a (2) piece kit that allows the Saros™ unit to be attached to any NATO litter, or any vertical surface using our Standard or Mini-Track system. The Saros™ Litter Clamp has recently passed operational testing by U.S. Special Operations Command (SOCOM) and officially integrated into the U.S. Department of Defense, Tactical Combat Casualty Care (TCCC) and Casualty Evacuation (CASEVAC) sets. CNC machined from aircraft aluminum.

NSN Pending  
FM400A101

**Propaq® MD**

The Propaq® MD Litter Clamp allows the MD to be rapidly attached or removed from any NATO Style litter. The litter clamp uses our ProV Mini receiver allowing the Propaq® to be rapidly installed or removed from the clamp as needed. CNC machined from aircraft aluminum.

FM400A106

**Tempus Pro**

The Tempus Pro Litter Clamp allows the Tempus to be attached to any NATO Style litter. Design features allow side to side adjustability while keeping the unit at a prescribed angle in order to optimize the internal camera's point of view. A single quick release allows the unit to be rapidly installed or removed from the mount as needed. CNC machined from aircraft aluminum. Contact RDT for sales information.

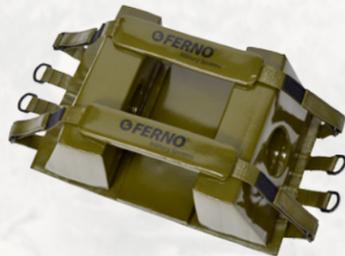
FM400A111



## CASEVAC Accessories

**445-M UHI**

The 445-M universal head immobilizer is simple, light weight and easy to decon. Includes (2) coated, closed cell foam head supports, universal attachment base. Compatible with NAJO Lite backboard, EXL-M scoop stretcher and can be used on most standard backboards. Orange and ODG.



**445-M**  
NSN 6530-01-450-7213

**Wizloc-OD**

The Wizloc Collar provides a collar includes a three-step adjustment, allowing rapid application regardless of patient position. The unique self centering mandible support allows custom fit to 90% of patients. A simple adjustment to the occipital support also accommodates all ends of the sizing spectrum.



**Wizloc-OD**

**FAA Approved Patient Restraint**

Our FAA Approved Patient Restraint are designed for use with Ferno Aviation aeromedical stretchers or litters. The restraints conform to FAA (TSO) C22g.



**STFL3030810**

**FAA Approved Shoulder Harness**

Our FAA Approved Shoulder Harness is designed for use with Ferno Military stretchers or litters, and conform to (TSO) C114. Includes shoulder harness and lap restraint.



**SUF303042810**

**FAA Approved Restraint Kit**

Our FAA Approved Patient Restraint replacement kit, conforms to FAA (TSO) C22G.



**STFC3030810**

## CASEVAC Accessories

**(2 Piece) Tactical Patient Restraints**

The FMS patient restraints are removable and replaceable. Buckles are low profile and made from aircraft aluminum with tactile mark for low-light or nighttime operations. Compatible with SOF litter, MANTIS, EXL-M and NAJO Lite backboards.



**FM840A100**  
NSN 6530-01-626-0965

**Fastrap™**

The Ferno Fastrap™ Quick Restraint 10-point, six-strap system is used to quickly secure patients to backboards and other devices. It is designed for easy storage and rapid application in patient immobilization. The Fastrap™ system is compatible with Ferno backboards and Scoop stretchers. Size is adjustable from adult to pediatric. Available in ODG and Desert Sand.



**FM900C108**

## CASEVAC Accessories

## SOF-Litter Carrier

The SOF-L carrier is made from Berry Amendment compliant 1000 Denier Nylon and includes MOLLE webbing on 2 sides. The clam shell design allows for rapid deployment and storage of SOF-Litter. Choice of modular webbing pack straps that are removable and replaceable. Optional straps include 1" webbing, 2" padded, and 2" with chest rig.

FM900C109 (Carrier)  
 FM900C111 (1" webbing)  
 FM900C112 (2" Padded)  
 FM900C113 (2" Padded w/ chest rig)



## SOF-Litter Spare Parts Kit

Our SOF-L Spare Parts Kit (SPK) includes (1) spreader bar, (2) handles, (2) foot sections, and (4) mid sections. The SPK allows forward units to make field repairs to the SOF-L frame with a Phillips screwdriver and 3/8" wrench keeping the litter in service should any damage occur down range.

FM800K101



## SOF-Litter Mesh Cover

The SOF-L mesh litter covers is removable and replaceable allowing used, damaged or contaminated covers to be replaced as needed. Our poly-pro mesh cover is ideal for any operation and excels in Haz-Mat or CBRNE environments. Made from Berry compliant mesh polypropylene.

FM900C102



## APLS SOF Litter Guard

The SOF Litter Guard is a removable and disposable absorbent litter cover that mitigates contamination caused by free flowing body fluids. The highly absorbent cellulose core wicks fluids away from the patient includes an underside moisture barrier featuring thermal properties that help prevent the loss of body heat through the bottom of the litter. The SOF litter Guard can be placed on top of the standard litter cover, or be used as a replacement cover by itself.

NSN Pending  
 FM900C103



## CASEVAC Accessories

## APLS Thermal Wrap

The Thermal Wrap is a disposable & absorbent litter designed to keep patients warm during transportation and treatment. A treated nylon backing protects against wind and moisture, Constructed with a highly absorbent core and durable nylon backing, each APLS Thermal Wrap can absorb up to 4.5 liters of fluid while supporting up to 450 pounds, wet or dry. APLS Thermal Wrap includes eight reinforced handles that allow for carrying and easy transport. A closable pocket inside APLS Thermal Wrap holds patient documents, x-ray disks and personal effects.

FM900C104



## APLS Thermal Guard

The Thermal Guard is a disposable absorbent litter that provides maximum thermal protection during emergency transport. The highly absorbent cellulose core wicks fluids away from the patient, the fleece-lined bag and detachable hood retains body heat, and the treated nylon backing protects against wind and moisture. For added thermal protection, optional internal pockets provide a "heat zone" in four key areas when used with a mobile heat source. The Thermal Guard can retain 4.5 liters of bodily fluid while safely supporting up to 450 pounds. Two pockets inside the bag hold patient documents, x-ray disks and personal effects.

FM900C105  
 FM900C106 (with Mylar)



## APLS Rigid

The Rigid, is a lightweight (8 lbs.) packable litter that provides the structural benefits of a traditional military litter, and improves the evacuation and transportation of patients from remote and rugged locations. The Rigid combines a rigid, expandable infrastructure and a highly absorbent cellulose core. The absorbent core contains and controls blood and bodily fluids, reducing the risk of cross contamination. A treated nylon backing protects against wind and moisture, while a Mylar lining holds in heat and protects against hypothermia. Rugged and compact, APLS Rigid is packed in a convenient nylon sack that can be easily carried into the battlefield.

FM900C107  
 FM900C110 (internal replacement)



## Litters & Basket Stretchers

### 108-D Mesh Litter

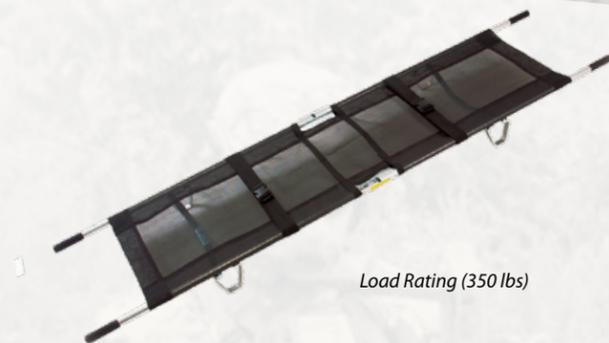
The Model 108-D Disaster Litter is an economical, lightweight litter designed for disaster use. Ideal for use by EMS services, fire departments, law enforcement, hospitals or other agencies that need a sturdy, compact and economical litter for mass casualty response.

#### FM840A130

Deployed (90" L x 22" W x 6" H)

Folded (45" L x 9" W x 6" H)

Weight (13 lbs)



Load Rating (350 lbs)

### 108-T Mesh Litter

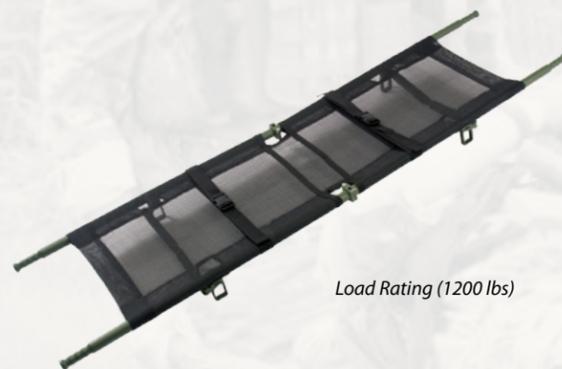
The 108-T is designed for tactical, HazMat-CBRN Decon, USAR and disaster use. Strong but lightweight aluminum construction. Handles have a nonslip surface design and are an integral part of the litter poles for greater strength. Cover is durable, flame retardant, nonslip, chemical- and mildew-resistant polypropylene mesh.

#### FM840A131

Deployed (92" L x 23" W x 6" H)

Folded (46.5" L x 8" W x 6" H)

Weight (17 lbs)



Load Rating (1200 lbs)

### Special Operation Forces Litter (SOF-L)

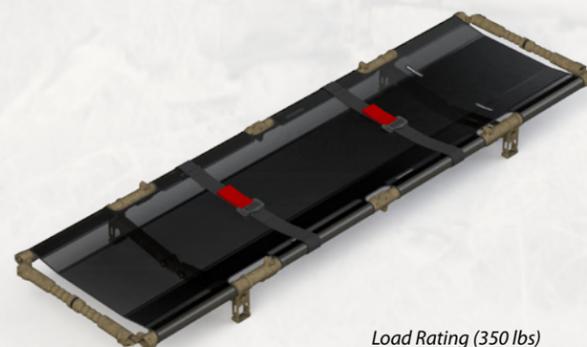
The (SOF-L) is designed for Special Operation Forces during dismounted, vehicle, rotary or fixed wing operations. Includes folding handles, removable and replaceable mesh cover and patient restraints. Handles and frame sections are also replaceable using our SOF-L Spare Parts Kit. Official litter of record integrated into SOCOM's TCCC and CASEVAC sets.

#### FM800A101 NSN Pending

Deployed (91" L x 22" W x 6" H)

Folded (19" L x 14.5" W)

Weight (19 lbs)



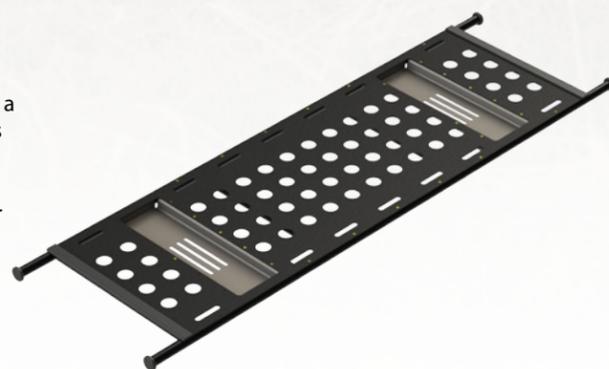
Load Rating (350 lbs)

### Aero-Litter Support Platform (ALSP)

Our original Air Litter Support Platform (ALSP) is a simple, yet effective platform that allows medics or flight crew to effectively load casualties into aircraft, when rapid loading is crucial. Once the ALSP is pre-loaded in fixed and rotary wing litter stanchions it serves as a receptacle platform for loading litter casualties.

#### FA538A400

(86.5" L x 26.5" W x 2" H)



## Litters & Basket Stretchers

### Gazelle Stokes Basket

The Gazelle Series Stretchers are a basic rescue stretcher designed to be used in raise/lower operations. Features all-carbon-steel with MIG welded, tubular frame construction and carefully designed frame geometry for the ultimate strength. Replaceable Durathene™ netting will not corrode and provides safety and comfort to the patient and rescuer. Regular, Tapered and Confined Space variants available.

#### FM840A132

(82.5" L x 24.25" W)

Weight (28.5 lbs)



Load Rating (900 lbs)

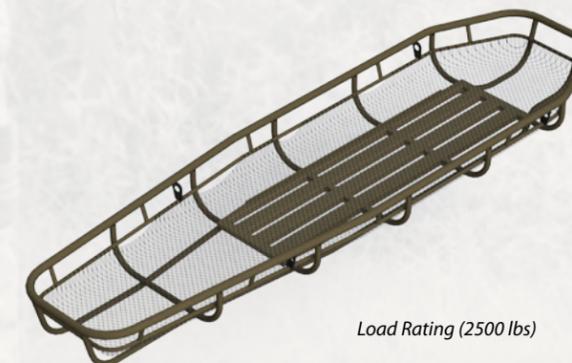
### ANT Ti Stokes Basket

The ANT is a TIG-welded Titanium Stokes Basket that provides operators a lightweight, stable and strong platform during hoist operations. Includes (4) StratLoad™ points for lifting bridle, making rigging easier. Available in a one piece or two piece configuration with tapered head and foot.

#### FM840A107 (1 Piece) (14 lbs.)

#### FM840A108 (2 Piece) (16.5 lbs.)

(83" L x 24.23" W x 6" H)



Load Rating (2500 lbs)

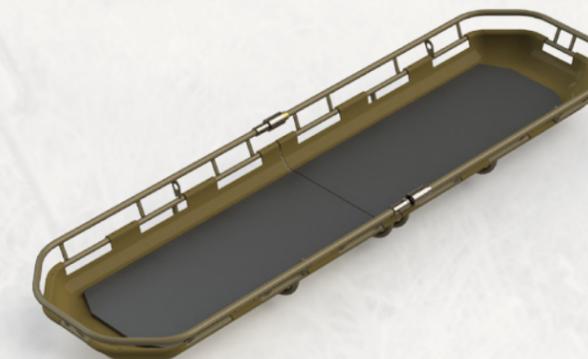
### Spartan-M Ti Stokes Basket

The Spartan-M is a TIG-welded Titanium Stokes Basket with a High Molecular Weight Polyethylene (HMWPE) outer shell on the lower frame. The HMWPE provides a non-snagging surface during pick and pivot maneuvers and allows operators to safely drag patients or rescued payload over rough terrain. Includes (4) StratLoad™ points for lifting bridle, making rigging easier. Two-piece design is available in Titanium and Stainless Steel.

#### FM840A122 (2 Piece Ti) (22 lbs.)

#### FM840A119 (2 Piece SS) (33 lbs.)

(83" L x 24.23" W x 6" H)



Load Rating (2500 lbs)

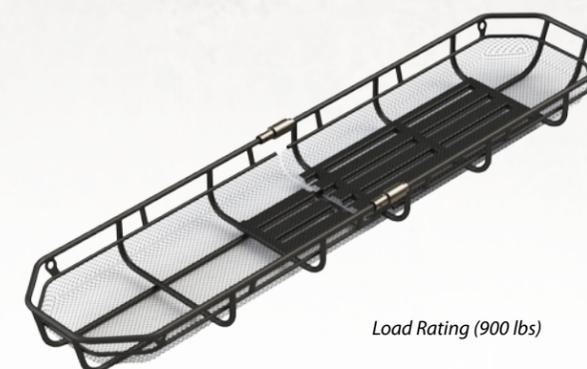
### Pinnacle Ti Stokes Basket

Our Pinnacle Ti-M sets a new standard for confined space basket stretchers. Originally designed for US&R response, this Titanium Stokes basket is a featherweight basket at 9 lbs. (1 Piece), and 14.6 lbs. (2 Piece) while keeping a 900 lb load rating. In addition, this basket will accept most 16" wide backboards - increasing its capability. The (2) piece variant provides a highly mobile and packable stokes platform.

#### FM840A133 (1 Piece) (12 lbs.)

#### FM840A134 (2 Piece) (14.6 lbs.)

(83" L x 24.23" W x 6" H)



Load Rating (900 lbs)

## Evacuation &amp; Immobilization

**Tactical XT-M**

Our new Tactical, XT-M is a high-performance short board specifically designed for rapid extrication and spinal immobilization of patients in confined spaces or critical situations. Made from carbon fiber, the XT-M provides a strong, light-weight and thin platform that allows operators to quickly insert and secure patients in 20 seconds or less. 100% X-Ray translucent. Weighs 4 lbs. CE certified. Webbing is US made, Carbon Fiber made in Italy.

**FM840A124**

(32.6" L x 11.8" W x .5" H)  
(4.4 lbs)



Load Rating (350 lbs)

**Mantis Evacuation Board**

The Mantis is a lightweight (12 lbs.) alloy evacuation board. Dual hinges allow the Mantis to fold into 1/3rd its overall size and carried during dismantled operations in remote or austere environments. The Mantis is a proven Evac system and the Evac-Board of record for SOCOM's TCCC CASEVAC sets. Made in U.S.A.

**FM840A106 NSN Pending**

Deployed (72" L x 16" W x 1.5 H)  
Folded (25" L x 16" W x 5" H)  
Weight (12.8 lbs)



Load Rating (500 lbs)

**NAJO Lite Backboard**

The NAJO Lite is our lightest NAJO backboard at just 14.5 lbs. Made from HDPE construction, the NAJO Lite is 100% X-Ray translucent, buoyant, impervious to body fluids and easy to decontaminate. Available in ODG. Made in USA.

**NB5500 (No Pins)**

**NSN 6530-01-569-2504**  
(72" L x 16" W x 2" H)  
Weight (12.8 lbs)



Load Rating (450 lbs)

**EXL Scoop Stretcher**

The EXL-M Scoop Stretcher is made from X-Ray translucent, lightweight high-impact composite materials. Twin hinges with Safety Lock® allow operators to pick up patient without having to roll the patient. Four adjustable length options accommodate patient of different heights. Folds to 47" for compact storage. MRI compatible. Made in Italy.

**FM840A125 NSN 6530-01-542-6263**

(79" L x 17" W x 3" H)  
Weight (18 lbs)



Load Rating (350 lbs)

## Evacuation &amp; Immobilization

**Lifesaver**

The Ferno LifeSaver Stretcher is a modern version of the traditional Neils Robertson stretcher. The LifeSaver is designed to provide quick, easy use in horizontal and vertical life situations where minimum bulk is a consideration. The compact, roll up design also makes transporting the stretcher easy. The LifeSaver uses full-length 5 mm ribs interwoven by tough 1000 denier, high tenacity nylon fabric to provide full body splinting in a very narrow patient package. Comes complete with 5 built-in patient restraints with forged steel buckles. Stainless steel rings are used at the foot and head.

**RE1700**

(60" L x 40" W)  
Weight (11 lbs)



Load Rating (900 lbs)

**Traverse Rescue Stretcher (TRS)**

Designed and constructed for both horizontal and vertical casualty evacuations. The lightweight and compact roll-up design makes this stretcher ideal for high angle and confined space rescue, as well as backcountry wilderness and helicopter operations. The wrap-around concept gives the patient a feeling of security and protects arms and sides from further injury during evacuation procedures.

**RE1900**

(79.5" L x 33" W)  
Weight (18 lbs)



Load Rating (771 lbs)

**Paraguard Stretcher**

Designed for a variety of rescues, the Paraguard excel is a compact and versatile rescue stretcher. It is ideal for search and rescue operations and can be used to rescue casualties from building collapse, industrial incidents or confined spaces.

Approved for use by NATO.

**#153206 NSN 6530-99-446-9403**

(36.8" L x 10.8" W)  
Weight (24 lbs)



Load Rating (300 lbs)

## Compact Treatment Station

### Compact Treatment Station (CTS)

Our Compact Treatment Station is designed for rapid deployment and immediate treatment. The kit includes, (2) Compact Litter Stands, (4) accessory brackets, (2) IV Poles, and (1) Folding Mayo Stand with Mayo Tray. The CTS is compatible with all NATO or rigid pole litters and provides medical personnel with a stable off-the-ground treatment station in any environment where patient treatment or sustainment is required. An optional transport case is available.

FM840A128  
NSN 6530-01-618-7884



Folded Configuration

## Compact Treatment Station

### Compact Litter Stand

Our Compact Litter Stands are designed to be packable and portable. Each Litter Stand Includes unique mounting points designed to accept our accessory bracket for Mayo tray and IV pole. Weighing 12 lbs each, these Litter Stands are cycle and load tested (in pairs) to support 500 lbs. and will accept all NATO or rigid pole litters.

Deployed (32" H x 25.5" W)  
Folded (17" H x 25" W x 4" D)

FM840A101  
NSN 6530-01-618-7419



### Accessory Bracket

The accessory bracket provides an interface between the IV pole or Mayo Tray Kit and the Compact Litter Stands. Bracket can be purchased separately.

FM840A126  
NSN 6530-01-618-7841



### IV Pole

The IV Pole is a rugged lightweight IV pole. (2) IV Poles are included in CTS Kit. Also sold separately for sustainment.

FM840A104  
NSN 6530-01-618-7437



### Folding Mayo Stand

The Folding Mayo Stand interfaces with the accessory bracket. The stand is designed for simple and rapid deployment and will hold (1) Mayo tray for instruments. Included in CTS Kit and separately for sustainment. Load Rating: 10 lb. (4.5 kg)

FM840G116 (Mayo Tray)  
NSN 6530-01-618-7704

FM840A127 (Folding Mayo Stand)  
NSN 6530-01-618-7514



## Litter Support Platforms

### Litter Conversion Rack (LCR)

The litter conversion rack allows any cargo or passenger van the capability to securely transport (2) casualties. The simple lightweight and low profile design ties down like cargo and allows the conversion rack to be rapidly deployed in seconds. The Conversion Rack gives medics an immediate and stable platform to provide care. Custom ATV and Segway trailer variant are also available.

FM800A200



### Intensive Care Platform (ICP)

The Trauma Pod is a self contained trauma treatment platform. It gives tactical care providers the capability to provide immediate advanced treatment to critical casualties in the most organized manner. It allows for advanced treatment through the entire continuum of care and can be utilized in mobile evacuation (vehicle, rotary & fixed wing) or fixed casualty collection points. Includes, 8 storage cassettes, provisions for 4 (D) Oxygen cylinders, IV Pole mounts and a Lifepak 12 Rail Mount. The Trauma Pod can be customized to your specific resuscitation equipment requirements upon request.

FA608A1000



#### SPECIFICATIONS

	Length	Width	Height Extended	Height Collapsed	Weight	Load Rating
LCR	73.25 in	32.62 in	21 in	5 in	81 lb.	350 lb.
	1861 mm	829 mm	533 mm	127 mm	36.7 kg	159 kg
Trauma Pod	75 in	27.5 in	17 in	17 in	85 lb.	350 lb.
	1905 mm	699 mm	432 mm	432 mm	38.6 kg	159 kg



## Litter Support Platforms

### UH-60 Blackhawk Litter Rack (BLR)

The UH-60 BLR allows any mission aircraft to have a dedicated tactical casualty evacuation capability. Currently fielded medical packages severely limit aircraft range and performance due to size and weight. The BLR eliminates the need for units to remove overweight medical packages or treat casualties on the floor. The BLR installs in UH-60's in place of the four back seats with or without internal fuel tanks. The rack utilizes existing seat mount positions and does not require any permanent alterations to the air frame. The entire system, unlike currently fielded litter racks, has a very low weight penalty and can be installed/removed in minutes.

FA582A100



#### SPECIFICATIONS

	Length	Width	Height	Weight	Load Rating
Imperial	68 in	23.25 in	53 in	180 lb.	265 lb. (per litter)
Metric	1727 mm	591 mm	1346 mm	120 kg	81.6 kg (per litter)

AWR Received: 16 July 2010



## Advanced Life Support / MICU

### Advanced Life Support Litter (ALSL)

The Advanced Life Support Litter is designed for critical casualties needing advanced life care transport in ground or air platforms. Integrated "D" rings allow the litter to be tied down like cargo and the truss type design provides strength for aircraft G-loads when supported by its grips. Features include: provisions for an aircraft-grade shoulder harness / mounting provisions for on board oxygen system / adjustable bed surface for both upper and lower torso (including flexed-knee position) / patient surface is isolated from frame to reduce vibration / mattress pad meets aviation flammability requirements / external IMS Mini-Mount system to secure an array of medical devices and IV poles / folding grips to fit various ground vehicles. Custom configurations for ECMO transport are also available. Compatible with our 28-A1N Nato Transporter.

FM842A100

Patented



### Modular Transport Litter System (MTLS)

Ferno Military's Modular Transport System is designed for critical care transport, where it is necessary to transport patients with an extensive selection of medical equipment. The system consists of a base platform which uses our patent pending Tube-Track, providing an integrated track-mounting system. A PacRac™ and wide selection of general purpose and product specific modular track-mounts are available. With the appropriate selection of mounts, the system can be used for critical care, ECMO, or neonatal transport.

FA845A110



#### SPECIFICATIONS

	Length	Width	Length-Handles Folded	Height	Weight	Load Rating
ALSL	91 in	22.12 in	72 in	12.1 in	40 lb.	350 lb.
	2311 mm	562 mm	1829 mm	307 mm	18.1 kg	159 kg
MTLS	73 in	18.0 in		4.8 in	36 lb.	300 lb.
	1854.2 mm	457.2 mm		122 mm	15.4 kg	136 kg



## Advanced Life Support / MICU

### Air Mobile Surgical Table (AMST)

The AMST (Pronounced: A-mist) is a self contained surgical platform that is Air Worthy Certified for fixed and rotary wing platforms. It provides a rapid surgical capability immediately on arrival in a target area or may be utilized on mission support aircraft. It has provisions for all surgical packs, anesthesia, monitors, oxygen and surgical trays and can be customized to your specific resuscitation equipment preferences. Optional Off Road Mobility Kit is also available.

FA585A1000

NSN 6515-01-488-8949



Optional Off Road Mobility Kit

#### SPECIFICATIONS

Bare Weight	306 lb.	138.8 kg
Patient Allowance	250 lb.	113 kg
Medical Equipment Allowance	344 lb.	156 kg
Maximum Weight	900 lb.	408 kg
Length	80 in	2032 mm
Width	24 in	610 mm
Height	30 in	762 mm



TCCC

**RMT™ Ratcheting Medical Tourniquet**

The RMT tourniquet is a simple 2 step, self-locking system that applies precise mechanical pressure. The lightweight tourniquet requires gross motor skills and provides an audio signature when properly activated. Offered in black and coyote. Pediatric, K-9, and lower extremity variants are also available. US Made / Berry Compliant by M2.

FM900C115-B (Black)  
FM900C115-C (Coyote Brown)

**(TIFAK) Individual First Aid Kit**

The TIFAK and TIFAK Mini feature a Patent-Pending integrated external tourniquet holster with positive tension, offering one-handed access to the tourniquet without manipulation of the pouch. Internally, the TIFAK and TIFAK-M utilizes a removable organizer panel to retain contents. The panel can be removed to access contents no regardless of where the kit is mounted while also providing the capability to refit by exchanging organizer panel with operators. Both TIFAK and TIFAK-M support CAT, SOF-T and SOF-T Wide tourniquets and are offered in Black, Coyote, Ranger Green and Multicam. Specify color when ordering.

FMTK112 (TIFAK)  
FMTK112 (TIFAK Mini)

**Direction Action Med Bag**

The DA Med Bag utilizes a removable organizer and pouch system which maximizes configuration options while minimizing encumbrances. The shoulder straps are modular, may be removed, and the bag may be attached directly to body armor or load carriage systems via quick detachable clips. Features includes 5 CTW Pockets and 1 Organizer Panel, deal® TAC Zipper for Quick Access, NIR Enhanced Concealment, Adaptable Bungee Cinch System, and Velcro® Attachment System to attach / detach internal pockets. Made from 500 Denier Solution Dyed CORDURA. The DA Med Bag is the official Medical Bag of record integrated into the U.S. Department of Defense, Tactical Combat Casualty Care (TCCC) and Casualty Evacuation (CASEVAC) sets.

FMTK101



TCCC

**Direct Action Med Belt**

The DA Med Belt is an operator designed, tactical trauma belt system that revolutionizes the way medics treat casualties. In situations where it's not feasible to remove an aid bag for treatment, this system allows you to work off your kit so casualties can be treated on the "X". Designed to rotate around the waist, operators can work out of all 3 pouches as needed without having to remove the belt. The DA Med Belt is compatible with duty or rigger's belts. Available in Black, Ranger Green, Coyote. US Made Berry Compliant by Tribalco Division 6 Soldier Systems

FMTK113

**Mass Casualty Sustainment Pack**

The MCS Pack fulfills the need to provide immediate first-aid response and / or sustainment for multiple casualties until definitive care is available. The MCS is ideal for active shooter scenarios allowing responders or operators to quickly inject on-scene first-aid capability to enhance casualty survival ability. The durable and lightweight pack is designed for easy access to contents while keeping the IFAK Pods secure. The IFAK Pods offer immediate casualty treatment and can be removed or distributed as needed. The MCS Pack can also serve as a carrier for Mantis Tri-Fold Evacuation board. Available in Black and Ranger Green. Berry Compliant / U.S. Made by Tribalco Division 6 Soldier Systems

FMTK114



## FTS-N and 28-A1N Transporters

### FTS-N - Folding Transport System (NATO)

The Folding Transport System is a low-profile, storable transporter specifically designed to fold into a small package for storage in aircraft baggage compartments, automobile trunks, and carrying cases. Compatible with any NATO litter and ideal for use in smaller medical facilities, or Naval Vessels where space is critical. Custom mounting provisions for an array of patient surfaces are available.

FM840A129



Litter not included

### 28-A1N (NATO)

The 28-A1N is a featherweight, rugged, proven transporter used by many of today's civilian Aeromedical operators. Weighing in at 70 lbs, with a load capacity of 700 lbs, the 28-A1N is an ideal fit for UH-72 or EC-135 airframes. For expanded interoperability, a Ground Compatibility Kit (GCK) option is available making the 28-A1N GCK a multi mission patient platform as it can serve as an Aeromedical, Ground EMS and NATO litter transporter. The GCK option is compatible with most ground ambulances and is an ideal transport solution for military hospitals. Compatible with an array of NATO Litters.

FM840A111

FM840A111-GCK (Pictured)



Litter not included

#### SPECIFICATIONS

	Length	Width	Folded Length	Folded Height	Load Height	Weight	Load Rating
FTS-N	54 in	16.5 in	33.5 in	16.5 in		28.5 lb.	350 lb.
	1372 mm	419 mm	851 mm	419 mm		12.9 kg	159 kg
28-A1N	80 in	25 in		9 in	27 in	70 lb.	700 lb.
	2032 mm	635 mm		229 mm	686 mm	31.8 kg	318 kg



## 35-ProXN Transporter

### 35-ProXN (NATO)

The 35-ProXN is a lightweight, rugged and proven X-Framed transporter designed to secure any NATO litter. For use in civilian ground ambulances and ideal for patient transport within military medical facilities. The 35-ProXN has a low center of gravity, offering adjustable heights while maintaining a stable platform to move patients as needed. Custom incubator transport configurations and variants are available.

FM840A112



Litter not included

### 35-ProXM (Military)

The 35-ProXM (Military) is a lightweight, rugged and proven X-Framed transporter designed for standard patient transport. Compatible with civilian ground ambulances using Ferno 175 fastner systems and ideal for patient transport within military medical facilities. The 35-ProXM has a low center of gravity, offering adjustable heights while maintaining a stable platform to move patients as needed. Custom incubator transport configurations and variants are available.

FM840A115



#### SPECIFICATIONS

	Length	Width	Folded Height	Load Height	Weight	Load Rating
Imperial	79 in	24 in	13 in	34 in	85 lb.	700 lb.
Metric	2007 mm	610 mm	330 mm	864 mm	38.6 kg	318 kg



# FERNO<sub>2</sub>

## Blackout Oxygen Series (BOS)

### BRAVO<sub>2</sub> Brass Oxygen Regulator

- Strong uni-body construction
- Available in CGA 870 or 540 configuration
- 0-3000 psig Gauge
- Fixed-orifice flow control with window-style flow reading
- Flow specifications range from 0-25 lpm
- Allows for fractional flow settings
- Provides a gas regulated pressure of 57 psig @ 2000 psi
- Flow accuracy of plus or minus of 10% of reading
- "C"-ring clamp aids in retaining the tee-handle
- Five year warranty and voucher for a free replacement gauge

Model 830-B : 0-25 lpm, 12 position flow control with barbed outlet and (2) DISS outlets with safety check valves, low profile, booted gauge.



FMF02100

### ORO<sub>2</sub> Flow Control / Demand Valves

ORO<sub>2</sub> Flow Control Valves provide 12 position flow settings with a plus or minus 10% accuracy reading, ranging from the OFF position to 1/4, 1/2, 2, 3, 4, 6, 8, 10, 15, and 25 lpm. The brass, nickel plated DISS outlet allows precise connection using standard DISS or BARB connections to accommodate nebulizers, humidifiers, or nipple /nut connectors. 1/4 lpm +/- 20%.

ORO<sub>2</sub> Model 900-B : Unit configured with DISS male outlet, accepts optional BARB outlet.

FMF02102 (Model 900-B)

ORO<sub>2</sub> Model 901-B : Unit configured with BARB outlet.

FMF02103 (Model 901-B)



Model 901-B

Model 900-B

### Mini-Manager O<sub>2</sub> Administrator

The Model 905-B Mini-Manager O<sub>2</sub> Administrator is equipped with five constant-flow controllers which are able to provide flow rates from 0 - 25 lpm for up to five patients. It is mounted to a compact, lightweight aluminum alloy manifold with DISS oxygen inlet. The unit has a five-year warranty and comes in a soft carrying case.

- Provides consistent O<sub>2</sub> delivery to multiple patients
- Offers less space to store than conventional delivery systems

FMF02104 (Model 905-B)



### Mini-Manager O<sub>2</sub> Administrator

The Micro Manager is a high quality, cost effective, and compact device designed for use in the harshest environments of Search & Rescue or Mass Casualty disaster. The Micro Manager delivers a preset constant flow of oxygen to multiple patients with either 2, 4, 6, 10 or 15 LPM DISS Barbed Fittings, or a combination of fittings to meet specific emergency needs. The unit may also be connected in sequence to additional Micro Managers, increasing the number of treated patients.



FMF02105



## Blackout Oxygen Series (BOS)

### Seahorse Portable Airway Kit

The Seahorse Portable Airway System can be configured to meet the wide range of needs for emergency respiratory care in pre-hospital, marine and industrial settings. Designed to withstand the harshest of environments, the Seahorse Portable has a hard shell Pelican™ case and water tight seal. With quick access features for rapid deployment of resuscitation and emergency care and equipment such as the BRAVO<sub>2</sub> regulator with its all brass construction. An aluminum body regulator with internal brass components is also available and may be substituted for the all-brass regulator.

- 'DD' -Lite Carbon Fiber Oxygen Cylinder
- OX Series Inhalator Valve w/O<sub>2</sub> supply hose
- BRAVO<sub>2</sub> Blackout Oxygen Regulator (Brass)
- Black Pelican Case includes die cut, closed cell foam insert with purge valve and collapsible handle.

FMF02106



### FERNO<sub>2</sub> Lite Carbon Fiber O<sub>2</sub> Bottles

FERNO<sub>2</sub> 'DD' & 'EE' Lite Carbon Fiber O<sub>2</sub> Bottles are fully wrapped, carbon-fiber reinforced, aluminum lined vessels manufactured with highest grade aerospace materials. These products carry DOT regulatory approvals, including design and qualification certifications. The significant reduction in weight and greater capacity of these carbon fiber vessels means you can carry more oxygen to remote and austere POI locations or on board various transportation platforms.

'DD' Model 205B w/ CGA 870 post valve and on/off toggle  
FMF02107 (Model DD 205B)

'DD' Model CF-02B w/ CGA 540 outlet  
FMF02108 (Model DD CF-02B)

'EE' Model CF-02B w/ CGA 870 post valve and on/off toggle  
FMF02109 (Model EE CF-02B 870)

'EE' Model CF-02B with CGA 540 valve outlet  
FMF02110 (Model EE CF-02B 540)





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