

ANNUAL WARFIGHTERS **TACTICAL** GEAR GUIDE



In collaboration with
DLA Troop Support,
Armor & Mobility
presents the
Annual Warfighters
Tactical Gear Guide.

The Gear Guide looks at current protection, survivability, capabilities and an array of needs critical to military operations.

No matter the terrain, training, or deployment, DLA Troop Support ensures America's warfighters have the right protection at the right time.

A prime example, DLA Troop Support's Clothing and Textiles (C&T) team works to ensure soldiers, sailors, airmen, and Marines have the necessary clothing and equipment to accomplish their respective missions.



GEAR UP

JANUARY 23-26, 2018
SANDS EXPO CENTER | LAS VEGAS, NEVADA

The SHOT Show connects the armed forces with hundreds of manufacturers capable of adapting their products and accessories to meet the unique requirements of your tactical teams. It's your best source to see the latest innovations and applications in firearms, protective equipment and tactical gear.

SHOTSHOW.ORG/AM

The SHOT Show is a trade-only event. Armed forces personnel with purchasing influence are welcome.



PROTECTING AMERICA'S WARFIGHTERS

Gearing Up for Mission

Tactical gear is among some of the most critical items C&T provides, potentially standing between life and death for its wearers. C&T provided more than \$121 million in personal armor items to warfighters around the globe in fiscal 2017, including body armor, helmets and accessories. Innovation in tactical gear and personal armor requires significant logistics support as the military services focus on improving these life-saving items. Recent updates in personal armor items include improved design for unisex wear and lighter weight for warfighters to carry on the frontline, without compromising protection. Optimal protection requires a dedicated team fulfilling warfighters' needs around the clock. DLA Troop Support works with its military customers to meet their requirements, including working with vendors, facilitating testing and transporting items. Military customers interested in buying organizational clothing and individual equipment such as body armor and helmets may place requisitions via FedMall or through wholesale supply systems that synchronize daily with the DLA Enterprise Business System. Troop Support regularly coordinates with customers on needs and availability as some items are deployment and theater specific.

Partnering for Readiness

Industry partners can learn about C&T's and its military service partners' future requirements and business opportunities for clothing and individual equipment at the annual Joint Advanced Planning Brief for Industry. This year's event will be held November 15-16 in Cherry Hill, New Jersey. Collaboration with Troop Support's military and industry partners is key to its mission of warfighter support, especially when it comes to introducing new items into the supply chain. Military services typically conduct research and development, while DLA supports item sustainment.

Current and Future Sustainment Tactical Gear

Improved Outer Tactical Vest (IOTV) Generation IV:



The IOTV protects against shrapnel and handgun rounds. When used with the enhanced small arms protective insert and enhanced side ballistic insert hard armor plates, the IOTV provides additional rifle protection to the front, back and side of a warfighter's torso.

DLA Troop Support is positioned to support the newest version of the IOTV for the Army and Air Force. The IOTV Generation IV is the first version to utilize the operational camouflage pattern and has the lightest ballistic performance requirement. This IOTV is unisex and designed to better fit all body types. A reduced weight from previous generations coupled

with the lowest areal density requirement for IOTVs, 0.88 lbs. per square foot, further reduces weight for the user. DLA Troop Support has a contract in place for the IOTV Generation IV. Production of end items is currently underway.

Plate Carrier (PC), Generation II:



The PC Generation II, to be fielded to Marines and sailors, features modifications in its design to better fit for all body types. The PC is comprised of a vest with removable soft armor, accepts ESAPI plates, and provides both direct and indirect fire protection. The total weight and associated thermal burden are also minimized to enhance the individual wearer's mobility and lethality. DLA Troop Support has awarded a contract for the PC Generation II which is currently undergoing first article testing.

Multiple Purpose Hydration System (MPHS):



The MPHS is a chemical, biological, radiological and nuclear resistant hydration system. It is intended for use by service members in a CBRN hazardous environment to hydrate when wearing a M40 or M50 series gas mask.

The MPHS also replaces the one and two quart canteens for CBRN protection. DLA Troop Support is in the initial stages of providing the Army with sustainment support for this CBRN hydration system.

Family of Concealable Body Armor (FoCBA):



The FoCBA is worn by military police and corrections officers around the globe, providing increased concealment, protection, comfort, fit and function over the legacy concealable body armor. DLA Troop Support is in the initial stages of providing the Army with sustainment support for the FoCBA.

Protective Under Garment (PUG):



The PUG is a lightweight undergarment that provides wound mitigation for warfighters subject to improvised explosive attacks by protecting the skin in the groin and upper leg area from dermal insertion of sand and small debris. In addition to its ballistic capabilities, the undergarment is antimicrobial, has flame resistant properties and allows for the transmission of water vapor. It is also air permeable, made of stretchable fabric and requires no special care or handling. DLA Troop Support is in the initial stages of providing the USMC and Navy with sustainment support for the PUG.

For more information visit www.dla.mil/TroopSupport

HEMO-bandage



HEMO-bandage, a side-effect free hemostatic agent by Core Leader Bio-tech, demonstrates greater efficacy than standard Army dressing as proved by USAISR in Dec. 2016. The secret is our patent pending incorporation of chitosan in the fiber. Chitosan molecule is bound in fiber before twisting it into yarn

for production. No risk of leaching out and debris dropping of chitosan during application.

- Safe, no concerns of shock syndrome, cytotoxicity, fibrosis, distal thrombosis and allergy.
- Fast, fishing net structure allows better blood penetration to group up more red blood cells (RBC), hence, leads to more immediate hemostasis to save your life.
- Convenient, Z folded and vacuum sealed.
- Accountable, FDA approved and CE marked.

More info: www.coreleaderbio.com; 886-2-26968880

CeraSport



CeraSport® and Ceralyte®, by Cera Products Inc., are high performance rice based oral hydration drinks developed along with physicians from the renowned Johns Hopkins University. Clinical studies prove Cera's patented rice-based ORS products have a significant advantage over sugar-based hydration products (better absorption

and sustained hydration). CeraSport is medically proven to correct and prevent dehydration during exercise or high heat conditions. Our products are used by all branches of the military, including Army Rangers and Navy SEALs, elite law enforcement units, professional athletes as well as anyone interested in a healthy, sugar free alternative to mass produced ORS or sports drinks.

More info: www.ceraproductsinc.com; 1-706-221-1542

The Tempus Pro



Ground breaking in functionality, The Tempus Pro, by RDT, is light enough to carry, small enough to hold in one hand and rugged enough to deploy in any situation. This includes advanced patient data collection and sharing, real-time data streaming, easy in-field expansion options and smart mount

solutions. All supported by a quality service and a range of training choices. Coupled with an IP (Ingress Protection) rating of 66, the physical attributes of the Tempus Pro vital signs monitor make it the most suited to cope with the demands of military usage.

The smallest, lightest and most feature-rich prehospital vital signs monitor available, the Tempus Pro has become a standard of care across a large percentage of NATO forces and other Armed Forces worldwide including the UK MOD, USA, Canada, Australia and Norway among others. It provides all the critical care capability expected from a market-leading vital signs monitor with unmatched durability, battery life and intuitive operation. Built on a fully flexible platform it allows in-field upgrades as needs and budgets evolve. RDT provides innovative, rugged, durable, and reliable products for the military environment.

More info: www.rdtltd.com; 256-705-3513

An advertisement for SKILCRAFT TACTICAL PENS. The background is a dark grey grid pattern. At the top left is the SKILCRAFT logo. To the right, it says 'TACTICAL PENS'. Below this are three pens: a black LUMINATOR LED LIGHT PEN, a blue and black BE AVIATOR MULTI-FUNCTION PEN, and a black DEFENDER PRESS-TIP PEN. Each pen has its name and NSN number listed. At the bottom, it says 'Now available at AbilityOne.com, GSAAAdvantage.gov, your local AbilityOne Base Supply Center™, or through AbilityOne authorized distributors'. At the very bottom, it says 'Created with pride by Americans who are blind.'

Get Troops Back in the Field in 3 Minutes!

Zanfel® – a safer, faster and more effective option than steroids or antihistamines for relieving poison ivy, oak or sumac.

Zanfel gets at the cause of the problem by removing the poison ivy, oak or sumac toxin (urushiol) from the skin ANYTIME after outbreak of the rash while relieving the itching within 30 seconds. Zanfel is also effective for Mosquito and Chigger Bites, Sand Flea and Sand Fly Bites and Other Insect Bites and Stings.

Benefits and Savings to the Medical Command and the Warfighter.

- The use of Zanfel improves **READINESS** and allows the poison ivy, oak or sumac affected warfighter to return to duty within a matter of minutes, (versus a week or more), in an itch-free and healing state.
- Significant and immediate cost savings to the unit and medical command.



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Contract #V797P-5223B
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ZANFEL

Call 800-401-4002 or visit www.zanfel.com.

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MightySat™ Rx



MightySat™ Rx is the First Fingertip Pulse Oximeter with Masimo SET® MightySat Rx* measures SpO2, PR, and Pi in a compact, battery-powered unit with a large color screen that can be rotated for real-time display of the pleth waveform and other measurements. Optional Bluetooth® wireless functionality enables measurement display via a free, downloadable app on iOS® and Android™ mobile devices.

The Masimo Professional Health App includes a high resolution plethysmographic waveform, pulse beep audible feature, and trending functionality. The app enables users to view their measurements in real time or over a trended graphical display on a compatible smart device. The app also interfaces with the Apple Health Kit for iOS users, further expanding its utility. The app empowers clinicians and patients by allowing the captured data to be shared via email. MightySat Rx is also available with optional Pleth Variability Index (PVI), a measure of the dynamic changes in Pi that occur during the respiratory cycle.

More info: www.masimo.com; 949.297.7000

XSTAT



The XSTAT, by Panakeia USA, has recently been approved for extremity wounds. The XSTAT 12 and XSTAT 30 non-absorbable, expandable, hemostatic sponge system is a unique hemorrhage control device designed to quickly stop severe bleeding. The XSTAT works by injecting a group of small, compressed, rapidly expanding

sponges into the wound cavity using a syringe-like applicator. The sponges rapidly expand when they come in contact with blood and exert hemostatic pressure within the wound to stop bleeding.

The larger XSTAT 30 is ideal for large exit wounds from high velocity projectiles and junctional areas where tourniquets and other methods are not as successful. The smaller XSTAT 12 is ideal for penetrating trauma from small, narrow-entrance wounds from small caliber ammunition and stabbings.

RevMedx and Panakeia's mission is to save lives and reduce disability from traumatic bleeding injuries caused by war, violence or accidents. The expansion of XSTAT's indications accelerates fulfillment of this mission by providing first responders with a revolutionary capability to treat penetrating injuries located in an arm, leg, shoulder or groin. Since its launch in 2014, there have been numerous successful uses of XSTAT devices in civilian and military pre-hospital settings.

More info: www.panakeiaUSA.com;
202-656-8848

TACOPS®



The TACOPS® M-10 Medical Backpack, by TSSI-ops.com, is based on the design of the TACOPS® M-9 Assault Medical Backpack but with significantly more internal storage space, more external PALS webbing to attach accessory pouches, new internal pouch options, and additional capabilities resulting from its increased size. Overall, the pack has only increased in depth by just over 1 inch, but this alone has resulted in 180 cubic inches of additional storage in the main compartment. The bottom pouch tripled in volume to 360 cubic inches simply by lengthening the bag 3 inches. If all of the extra space in the bottom pouch is not required, it can be cinched up using the compression straps to minimize the pack's profile. We've created 3 pouch configurations for the M-10 – The Alpha, Bravo, and Charlie. The Alpha holds 4 7-inch x 6-inch square vinyl pouches. The Bravo holds 4 7-inch x 6-inch square mesh

pouches. The Charlie holds 4 standard horizontal mesh pouches found in the M-9. Customers also have the option to customize the internal pouch configuration to include any of the M-10 pouches available beyond our 3 configurations.

More info: www.tssi-ops.com; 877-535-8774.

SRV X810TM



The SRV X810TM, by Federal Resources, is the new pulse of X-Ray identification for EOD and Bomb Squads. The rugged SmartRayVision system is available in several wired/wireless connectivity configurations. The system has fast image capture and is equipped for long exposure with capabilities for multiple volleys of high or low pulse count to achieve an extremely high image resolution of 6.5 lp/mm.

More info: www.federalresources.com; 800-892-1099

Panther Headset System



The NEW Panther in-the-ear headset system, by TEA Headsets, has arrived. The Panther is combined with the rugged combat proven U94 single or dual PTT and offers a brand new ergonomic ear bud design. The Panther also has newly designed digital signal processing technology that has drastically improved the situational awareness. The new ear bud was designed for both comfort and fit, providing state of the art hearing protection. This new

light weight system offers an extremely cost-effective solution compared to other systems currently being offered. The mission of TEA Headsets is to provide our customers with best communication ancillaries available anywhere in the market today and provide them with the necessary information to make an informed buying decision. At TEA, customers, along with providing the best portfolio of headsets and push-to-talks for today's Military, law enforcement and other government agencies is at the forefront of our business. We provide these with a dedication to the highest quality of customer satisfaction delivered to the finest clientele in the world.

More info: www.teaheadsets.com; 845-278-0960

Jameson LED Equipment



Jameson Lighting, by Jameson/Spartaco Group, is designed to perform in extreme conditions whether in expeditionary, marine or mining applications. Engineered to increase tactical advantage, Jameson LED and fluorescent shelter lights have been fielded by all branches of the military. Stringable lighting for soft and rigid expeditionary shelters offers energy efficiency, EMI hardening and design durability while exceeding military specifications. Committed to the development of lighting solutions for the military, Jameson is launching a new line of integrated LED shelter lighting for faster deployment. Jameson LED equipment and wide area lights combine compact design with exceptional illumination. They are ruggedly constructed to withstand environmental extremes in temperature, vibration and moisture. Originally developed to meet the demands of mining, Jameson equipment lights are being used in a variety of industries where high-performance lighting is critical.

More info: www.SpartacoGroup.com; 800-346-1956

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