



2019 Index of Online Articles

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PS
MAGAZINE
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Combat Vehicles



Date	Article Title	Link	Excerpt
22-Jul-19	M109A6 Paladin: Don't Neglect Friction Linings	https://psmagazine.army.af/pims.mil/News/Article/1912302/m109a6-paladin-dont-neglect-friction-linings/	Dear Editor, Of all the things Paladin crews need to check out during PMCS, one of the easiest to overlook is the cannon tube's travel lock friction linings. The friction linings cushion the tube when it's in the travel lock, keeping metal from rubbing and scraping on metal. When linings are missing, a lot of damage gets done to the cannon tube...
22-Jul-19	M109A6 Paladin: Don't Idle the Lube	https://www.psmagazine.army.mil/News/Article/1912326/m109a6-paladin-dont-idle-the-lube/	Crewmen, Your Paladin's idler arm and housing can take a beating during missions. That's why you need to show it some TLC during semi-annual checks and services. There are two lube points for each idler arm and housing. Neglect the lube and the arm can lock up or even shear off during operation. The first lube point is behind...
30-Jul-19	M88A2 Recovery Vehicles: Fight Engine Fires with PMCS	https://www.psmagazine.army.mil/News/Article/1920205/m88a2-recovery-vehicles-fight-engine-fires-with-pmcs/	Regular PMCS will go a long way toward reducing M88A2 engine fires. It keeps your vehicle combat ready and you and your fellow crewmen safe. Here's a couple of things to pay particular attention to in the...
30-Jul-19	M109A6 Paladin: Set Lube Points In Your Sights	https://www.psmagazine.army.mil/News/Article/1920421/m109a6-paladin-set-lube-points-in-your-sights/	Crewmen, out of sight often means out of mind. That's not good when it comes to the hidden or hard to reach lube points on the cradle mount bearings of your M109A6 Paladin...
1-Aug-19	M119A3 Towed Howitzer: Avoid Sticky Firing Pin	https://www.psmagazine.army.mil/News/Article/1922812/m119a3-towed-howitzer-avoid-sticky-firing-pin/	Crewmen, if your M119A3 howitzer is having firing pin problems, listen up! You can keep your howitzer firing downrange by checking that the firing pin is in place and the retaining plunger is not stuck down...
1-Aug-19	M1-Series Tanks: Towing? Deflect Heat Damage!	https://www.psmagazine.army.mil/News/Article/1923406/m1-series-tanks-towing-deflect-heat-damage/	Crewmen, your M1-series tank's exhaust gets seriously hot! That's why when one tank is towing another, the tank that's doing the towing has to use an engine exhaust...
25-Sep-19	Bradley FOV: Turn in Unserviceable DVDBs	https://www.psmagazine.army.mil/News/Article/1971091/bradley-fov-turn-in-unserviceable-dvdb/	If you have unserviceable digital vehicle distribution boxes (DVDBs) for your Bradley, improve combat readiness and earn unserviceable credit by turning them in right away! TACOM has a critical need for DVDBs, so turn them in through the supply system ASAP. Turning in wired housing assembly, NSN 5855-01-588-5668, will get your unit \$21,803 in...

25-Sep-19	Stryker: Replace Seals, Not Whole Wheel Assembly	https://www.psmagazine.army.mil/News/Article/1971178/stryker-replace-seals-not-whole-wheel-assembly/	<p>We've had trouble with the inner hub seals going out on the Stryker's wheel assemblies. We thought the only fix was to replace the whole wheel assembly at a cost of \$40,000 a pop. But then we discovered that just the seals, NSN 2530-21-906-4057, for the #1 and #2 axles can be replaced for only \$203. The procedure is in TM 9-2355-311-13&P...</p>
25-Sep-19	Stryker: Faulty Headset? Now Hear This!	https://www.psmagazine.army.mil/News/Article/1971299/stryker-faulty-headset-now-hear-this/	<p>Mechanics, Having a problem with the Stryker's Bose® improved tactical headset (ITH)? If so, don't be so quick to toss it aside and order a one. Instead, save your unit money by troubleshooting and repairing it. The headsets, NSN 5965-01-612-5328, cost more than \$800 each. Troubleshooting and repairing the ITH is usually easy, so give that a try...</p>
1-Oct-19	Stryker: Hatch Safety Heads Off Headaches	https://www.psmagazine.army.mil/News/Article/1975882/stryker-hatch-safety-heads-off-headaches/	<p>Crewmen, a big headache could be in your future if you drive your Stryker without securing the driver's hatch. Your vehicle has two safety devices to keep the hatch in place. But you've got to actually use them if you don't want that 250-pound hatch crashing down on your head! Stay Device The stay device is a spring-loaded pivot support with a sliding...</p>
7-Oct-19	Stryker: Out of Kilter? Level It!	https://www.psmagazine.army.mil/News/Article/1982598/stryker-out-of-kilter-level-it/	<p>Crewmen,.When your Stryker's height management system (HMS) gets out of kilter, it's time to level your vehicle. You should always level your Stryker under the following conditions: When it starts sagging at one or more of its corners After it's unloaded from a ship, aircraft or any other form of transportation. If the temperature swings from really...</p>
7-Oct-19	M88A2: AFES PM Keeps Fires at Bay	https://www.psmagazine.army.mil/News/Article/1982619/m88a2-afes-pm-keeps-fires-at-bay/	<p>Your M88A2 recovery vehicle's automatic fire extinguishing system—AFES—can save your vehicle from serious damage, as well as save the lives of you and your fellow crewmen. But the AFES needs regular preventive maintenance to ensure it can do its job. The following should always be a part of Before Operations checks: The AFES sensors should be free...</p>
22-Oct-19	M113 FOV: Oil Filter NSN	https://www.psmagazine.army.mil/News/Article/1995684/m113-fov-oil-filter-nsn/	<p>Order a new oil filter for the M113 FOV's 6V53 engine with NSN 2940-01-633-3432 (PN PH3612). It replaces NSN 2940-01-197-7106 (PN FL804FP), which is shown as Item 9 in Fig. 22 of TM 9-2815-205-24P (Feb 13). The old oil filter has a high rate of failure. Make a note until the TM is updated.</p>

25-Nov-19	Combat Vehicles: What's the CVE Program?	https://www.psmagazine.army.mil/News/Article/2025387/combat-vehicles-whats-the-cve-program/	An important component of Army readiness is TACOM's Combat Vehicle Evaluation (CVE) Program. Under CVE, more than 9,000 combat vehicles are inspected and evaluated each year to determine if they should be sent to depot for overhaul. Vehicles in National Guard and Reserve units get a Go/No Go inspection every year, while active Army vehicles...
26-Nov-19	M1128 MSG Stryker: Override Rammer Damage	https://www.psmagazine.army.mil/News/Article/2025843/m1128-msg-stryker-override-rammer-damage/	Crewmen, It gets hectic inside your M1128 MGS Stryker during gunnery tables. But do not fire the main gun without making sure the autoloader's rammer assembly is in the HOME position.
26-Nov-19	M2/M3-Series Bradley: When a Leak Isn't a Leak	https://www.psmagazine.army.mil/News/Article/2025863/m2m3-series-bradley-when-a-leak-isnt-a-leak/	Crewmen, Be sure to inspect your Bradley's shock absorbers right away for leaks. Replace any shock absorber, NSN 2540-01-624-5291, that has a Class II or Class III leak. If the shock has a Class I leak, keep a close eye on it, but don't replace it unless the leak gets worse. The -10 TM currently states that...
26-Nov-19	BDAR Kit: Get One Today!	https://www.psmagazine.army.mil/News/Article/2025876/bdar-kit-get-one-today/	The TRADOC Project Office (TPO) for Battlefield Recovery/BDAR has developed a new and improved battle damage and repair kit for all ground combat and tactical systems. The improved kit, NSN 2590-01-659-5620, has all the capabilities of the previous kit, with a few new...
26-Nov-19	Stryker: Protect Vehicle from Battery Box Catastrophe	https://www.psmagazine.army.mil/News/Article/2026769/stryker-protect-vehicle-from-battery-box-catastrophe/	Crewmen, Unsecured battery box covers can damage your vehicle and even seriously injure you or your fellow Soldiers if your Stryker's involved in a rollover accident. The battery box cover and batteries will fly around the crew compartment if the cover isn't tightened down. That'll cause expensive damage-and maybe seriously injure you and...
26-Nov-19	M109A7 Paladin/M992A3 Ammo Carrier: Replace Just the O-Ring, Please!	https://www.psmagazine.army.mil/News/Article/2026779/m109a7-paladinm992a3-ammo-carrier-replace-just-the-o-ring-please/	This article can potentially save your unit \$2100Mechanics, When working on the hydraulic cooling fan for the M109A7 howitzer and M992A3 ammo carrier, you're supposed to inspect the O-ring face seal (ORFS) and quick disconnect (QDC) fittings. The TM says if you find an unserviceable O-ring, replace the applicable ORFS or..

26-Nov-19	REBS: Retrieve Bridge the Right Way	https://www.psmagazine.army.mil/News/Article/2026786/rebs-retrieve-bridge-the-right-way/	<p>Crewmen, Your next mission might go nowhere fast if you don't use the proper procedures while retrieving your Rapidly Emplaced Bridge System (REBS). The pallet pinwheel drive gear on the launch boom can be damaged if the teeth of the pinwheel don't engage in the grooves between the drive pins in the rail track on the bridge half.</p>
29-Nov-19	M88A2 Recovery Vehicles: Shutdown Engine Properly	https://www.psmagazine.army.mil/News/Article/2027519/m88a2-recovery-vehicles-shutdown-engine-properly/	<p>Heeding this article could save your unit anywhere from \$3,000 to \$300,000+ Photo by Sgt. Randis Monroe At the end of a long mission, it's tempting to shut down your M88A2's engine as soon as you hit the motor pool so you can grab a shower and some hot food. But being in a hurry can lead to some serious damage.</p>
29-Nov-19	Stryker: Service Kits NSNs	https://www.psmagazine.army.mil/News/Article/2027524/stryker-service-kits-nsns/	<p>Sometimes it can be hard to track down the right NSNs for service kits. That's a problem when it's time to do the required semi-annual and annual service for your unit's Strykers. But no worries! Make things easy on yourself by taking note of the NSNs below. They'll get you what you need to do services on your vehicles and keep them...</p>
10-Dec-19	M113-Series FOV: Daily Ramp Reservoir Check a Must	https://www.psmagazine.army.mil/News/Article/203611/m113-series-fov-daily-ramp-reservoir-check-a-must/	<p>Drivers, Be sure to check your M113 FOV's ramp hydraulic reservoir. If you don't, your vehicle's ramp could let you down when you need it most. To make sure that doesn't happen, check the fluid daily. Most importantly, check it the right way. Make sure your vehicle is parked on level ground. Parking it on...</p>
10-Dec-19	M113A3 FOV: Gear Spur Replacement	https://www.psmagazine.army.mil/News/Article/203627/m113a3-fov-gear-spur-replacement/	<p>Mechanics, When doing annual services on the M113A3 FOV, including the MBT and OSV, be sure to replace the variable speed fan drive's gear spur. The gear spur, NSN 3020-01-241-9141, can wear out sooner than it should, possibly leading to engine fires. This applies to both engine models, NSN 2815-01-412-2715 and NSN 2815-01-248-7644. It...</p>
10-Dec-19	M88A2 Recovery Vehicle: Clean Engine Compartment to Prevent Fires	https://www.psmagazine.army.mil/News/Article/203633/m88a2-recovery-vehicle-clean-engine-compartment-to-prevent-fires/	<p>Heeding this article could potentially save your unit over \$300,000 Photo by Staff Sgt. True Thao Engine compartment fires in M88A2 recovery vehicles have been on the rise over the past several years. The damage caused by these fires has cost the Army as least \$48 million, not to mention Soldier injuries.</p>

12-Dec-19	A-20 Personnel Heater: Start-up Procedure Done Right	https://www.psmagazine.army.mil/News/Article/2038607/a-20-personnel-heater-start-up-procedure-done-right/	<p>Crewmen, Your combat vehicle's A-20 personnel heater, NSN 2540-01-396-2826, will keep you warm when the temps drop. But neglect the proper start-up procedures and your heater will give you the big chill! Sometimes operators hold the RUN-OFF-START switch on START too long. After 10 seconds in the START position, the heater automatically goes...</p>
13-Dec-19	M153 CROWS II: Lock It Down Before Moving Out	https://www.psmagazine.army.mil/News/Article/2039923/m153-crows-ii-lock-it-down-before-moving-out/	<p>Crewmen, It's critical that you keep your common remotely operated weapons station (CROWS) II locked whenever your vehicle is on the move. If you don't, the main frame assembly (MFA) on the CROWS can end up with serious damage. So be sure all the locks are actually locked before moving out. That includes the...</p>
13-Dec-19	M2/M3-Series Bradleys: Keep Batteries Mission Ready	https://www.psmagazine.army.mil/News/Article/2039182/m2m3-series-bradleys-keep-batteries-mission-ready/	<p>Crewmen, Take care of your Bradley's batteries so they're charged and ready at all times. You won't get far with dead or damaged batteries! Here's a couple of power problems that can cause your next mission to fizzle out: Master Power Switch Forgetting to turn the Bradley's MASTER POWER switch to OFF after...</p>
13-Dec-19	M1-Series Tanks: Keep Your Engine Happy and Healthy	https://www.psmagazine.army.mil/News/Article/2039189/m1-series-tanks-keep-your-engine-happy-and-healthy/	<p>Crew, Your M1-series tank's AGT1500 engine can last a long time with proper care. How long? The goal is a minimum of 1,400 hours. But with proper maintenance and operation, engines can keep going for much longer than that. Here's how to make sure your tank's engine performs like it should for many more hours: Take the proper precautions when...</p>
16-Dec-19	M109A6 Paladin: Don't Forget Segment Board Cleaning	https://www.psmagazine.army.mil/News/Article/2040699/m109a6-paladin-dont-forget-segment-board-cleaning/	<p>Crewmen, Dirt, sand, oil and condensation tend to collect on your Paladin's slip ring. As the cab is traversed, that crud builds up on the segment board and shorts it out. Things only get worse from there. A shorted segment board shuts down your comms and the vehicle motion sensor. You'll also get navigation faults in the digital fire control...</p>

16-Dec-19	Stryker: Water in Hull? Drain It!	https://www.psmagazine.army.mil/News/Article/2040717/stryker-water-in-hull-drain-it/	<p>Crewmen, Be sure to drain the rain and wash water from the hull of your Stryker. If you don't, components sitting underneath the floor plates could be in for a hard time. Water causes all kinds of problems, including corrosion, electrical shorts and other damage. Replacing those components means big costs.</p>
16-Dec-19	MLRS: Don't Forget Safety When Doing PM	https://www.psmagazine.army.mil/News/Article/2040720/mlrs-dont-forget-safety-when-doing-pm/	<p>Following the guidance in this article can save lives! Crewmen, Here are a few important safety tips to keep in mind when doing PMCS on your MLRS. Read and heed! When you're cranking the cab up or down, make sure to stay as low and as far under the vehicle as possible. If your head is poking out, the cab can come crashing down on it. Talk...</p>

Tactical Vehicles



Date	Article Title	Link	Excerpt
22-Jul-19	HMMWV: Parts List Correction	https://www.psmagazine.army.mil/News/Article/1912277/hmmwv-parts-list-correction/	An update to the HMMWV parts list is on the way, thanks to an alert PS Magazine reader who noticed a discrepancy between parts numbers and figures. TACOM says items 6 through 15 in Fig 209 of TM 9-2320-387-13&P in IETM EM 0323 (Mar 14) aren't in synch with the figure call-outs. These items will be renumbered as shown here to correspond with the...
6-Aug-19	AGM Batteries: Rise From the Dead?	https://www.psmagazine.army.mil/News/Article/1927140/agm-batteries-rise-from-the-dead/	Absorbed glass mat (AGM) batteries like the 6TAGM may seem dead when they're really not...
6-Aug-19	FMTV: TM Misprints Cause Transmission Misdiagnosis	https://www.psmagazine.army.mil/News/Article/1927548/fmtv-tm-misprints-cause-transmission-misdiagnosis/	If your shop has seen these FMTV issues lately, they may be misdiagnosed problems caused by the same thing: improper installation of the MD3700SP Allison Transmission Gen 4 control valve module...
26-Sep-19	FMTV: Mud Flaps vs Splash Guards	https://www.psmagazine.army.mil/News/Article/1971818/fmtv-mud-flaps-vs-splash-guards/	It's a messy world out there. Mud flaps and splash guards can help. But not if you get the wrong ones, which has been happening with the M1078A1 FMTV! The M1078A1 FMTV mud flaps and splash guards, shown as Items 26 and 28 of Fig 241 in TM 9-2320-391-23&P (IETM EM 0369, Oct 17), are reversed. Item 26 shows the mud flap, but the NSN listed belongs to...
26-Sep-19	M1076 PLS Trailer: Replacement Dust Caps, Yes or No?	https://www.psmagazine.army.mil/News/Article/1971842/m1076-pls-trailer-replacement-dust-caps-yes-or-no/	Having a hard time finding an NSN for replacement dust caps on the M1076 PLS trailer's air brake chambers? That's because the newly designed air brake chambers don't have dust caps! For the older air brake versions, however, you'll need to order replacement dust caps with NSN 2530-01-367-6668.
3-Oct-19	HMMWV: Up-Armored HMMWV Ball Joint	https://www.psmagazine.army.mil/News/Article/1978690/hmmwv-up-armored-hmmwv-ball-joint/	Order a replacement for the up-armored HMMWV's front or rear upper ball joints with NSN 2530-01-554-8288. That's a new NSN, which replaces NSN 2815-01-601-6441, shown as Item 8 in Figs 163 and 147 of TM 9-2320-387-13&P (IETM EM 0323, Mar 14). But beware, the TM hasn't been updated yet!

7-Oct-19	HMMWV: Slave Start = Smart Start	https://www.psmagazine.army.mil/News/Article/1982677/hmmwv-slave-start-smart-start/	<p>Dead HMMWV batteries? Think twice before you grab that handy ground power unit (GPU) for a jump start!The ONLY approved method to jump start a HMMWV is with a NATO slave cable, NSN 6150-01-390-7058, attached to another HMMWV. Those commercial GPUs deliver a power surge that can be too strong for HMMWV batteries! They also haven't been approved...</p>
7-Oct-19	Diesel Engines: Clobber the Slobber	https://www.psmagazine.army.mil/News/Article/1982758/diesel-engines-clobber-the-slobber/	<p>Dear Half-Mast, Lately, we've noticed oil leaking from the air box drain on our truck's Detroit Diesel engine. Any ideas on how to stop it? SGT M.S.F. Dear Sergeant, The 8V9TA Detroit Diesel engine used in some tactical vehicles is a two-stroke engine. A natural output of that type of engine is slobber, which is partially burned fuel and condensation...</p>
8-Oct-19	Tactical Vehicles & Trailers: Your Best Bet? A Cargo Net	https://www.psmagazine.army.mil/News/Article/1983494/tactical-vehicles-trailers-your-best-bet-a-cargo-net/	<p>A cargo net is your best bet for safety and security anytime you're hauling stuff. An interior cargo net keeps gear in place and prevents stuff from hitting the driver or passengers if the vehicle swerves or rolls over. A net also keeps gear from bouncing around the cargo bay where it'll likely get broken or damaged. An exterior cargo net does the...</p>
22-Oct-19	HMMWV: Up-Armored HMMWV Ball Joint	https://www.psmagazine.army.mil/News/Article/1995625/hmmwv-up-armored-hmmwv-ball-joint/	<p>Order a replacement for the up-armored HMMWV's front or rear upper ball joints with NSN 2530-01-554-8288. That's a new NSN, which replaces NSN 2815-01-601-6441, shown as Item 8 in Figs 163 and 147 of TM 9-2320-387-13&P (IETM EM 0323, Mar 14). But beware, the TM hasn't been updated yet!</p>
22-Oct-19	HEMTT: Solution for Purging	https://www.psmagazine.army.mil/News/Article/1995622/hemtt-solution-for-purging/	<p>Get a 5-gal container of cleaning compound (purging solution) for the M978-series HEMTT fuel tanker with NSN 7930-01-350-7034. For a 55-gal container, use NSN 7930-01-350-7035. You'll find it listed in ATP 4-43, Petroleum Supply Operations. Make sure all purging solution is removed from the tanker before deploying, shipping overseas or sending to...</p>
22-Oct-19	M149A2: M149A2 Trailer Master Cylinder	https://www.psmagazine.army.mil/News/Article/1995666/m149a2-m149a2-trailer-master-cylinder/	<p>Get a new master cylinder for your M149A2 trailer with NSN 2530-01-339-8620. It replaces NSN 2530-00-204-4800, which is shown as Item 4 in Fig 7 of TM 9-2330-267-13&P (Dec 15). That NSN is a terminal item.</p>

22-Oct-19	FMTV: LTAS Transmission Control Valve Module Replacement Work Package	https://www.psmagazine.army.mil/News/Article/1995706/fmtv-ltas-transmission-control-valve-module-replacement-work-package/	The FMTV LTAS transmission control valve module work package is being added back to TM 9-2320-333-23&P (IETM EM 0372, Nov 18) after it was removed during a recent TM update. This allows units to replace a control valve module instead of sending it to sustainment level maintenance. Until the TM is updated, you'll have to ask your local LAR to access...
22-Oct-19	M3, M3A1 CROP: Strap Assembly NSN	https://www.psmagazine.army.mil/News/Article/1995733/m3-m3a1-crop-strap-assembly-nsn/	Webbing strap assemblies, NSN 5340-01-504-2426, for the M3 and M3A1 Container Roll-In/Out Platform (CROP) flat racks have been replaced with NSN 5340-01-663-1029. The only difference between the two is color. The new strap is black instead of green. Make a note until TM 9-3990-260-14&P (Jul 01, w/Ch 1, Nov 06) is updated with the new NSN.
23-Oct-19	Fuel Tanker Cleaning Instructions	https://www.psmagazine.army.mil/News/Article/1996336/fuel-tanker-cleaning-instructions/	Cleaning instructions for fuel tankers, which used to be in TB 43-0212, have been consolidated into ATP 4-43 (Aug 15), Petroleum Supply Operations. Find it at the Army Publishing Directorate: https://armypubs.army.mil/ProductMaps/PubForm/ATP.aspx
23-Oct-19	M1151A1 HMMWV: Gunner's Sling NSN	https://www.psmagazine.army.mil/News/Article/1996456/m1151a1-hmmwv-gunners-sling-nsn/	Get the M1151A1 HMMWV gunner's sling with NSN 5340-01-530-1744. It's Item 11 in Fig 298 of TM 9-2320-387-13&P(IETM EM 0323, Mar 14).
23-Oct-19	Tires: Tire Lube NSNs	https://www.psmagazine.army.mil/News/Article/1996490/tires-tire-lube-nsns/	Never use oil or grease to mount a tire. Petroleum-based products will deteriorate rubber. Instead, use a premixed tire lube with a vegetable oil base. Get one gallon of the lube with NSN 2640-00-256-5527. Five gallons come with NSN 2640-00-256-5529.
23-Oct-19	Semitrailers: Linseed Oil Preserves Decks	https://www.psmagazine.army.mil/News/Article/1996512/semitrailers-linseed-oil-preserves-decks/	Constant exposure to the elements leads to dry, cracked and splintered wood decking on semitrailers. Prevent that damage by applying a light coat of linseed oil to the decking as needed. NSN 8010-00-152-3245 brings a gallon of linseed oil and NSN 8010-00-684-8789 gets five gallons. A 55-gal drum comes with NSN 8010-00-242-6114.

23-Oct-19	M1082, M1095 Trailer: M1082, M1095 Trailer Tire and Wheel Assemblies	https://www.psmagazine.army.mil/News/Article/1996754/m1082-m1095-trailer-m1082-m1095-trailer-tire-and-wheel-assemblies/	The M1082 and M1095 trailer tire and wheel assembly NSNs listed on page 15 of PS 742 (Sep 16) have changed. Units should order tire and wheel assembly NSN 2530-01-571-5857. If you just need the tire, order NSN 2610-01-658-1299, which is a new NSN that combines the Goodyear MV/T (NSN 2610-01-564-6172) and Michelin (NSN 2610-01-572-6017) tires. The...
26-Nov-19	BDAR Kit: Get One Today!	https://www.psmagazine.army.mil/News/Article/2025876/bdar-kit-get-one-today/	The TRADOC Project Office (TPO) for Battlefield Recovery/BDAR has developed a new and improved battle damage and repair kit for all ground combat and tactical systems. The improved kit, NSN 2590-01-659-5620, has all the capabilities of the previous kit, with a few new components.
12-Dec-19	M1000 HET Semitrailer: Installing New APU Hydraulic Pump	https://www.psmagazine.army.mil/News/Article/2044269/m1000-het-semitrailer-installing-new-apu-hydraulic-pump/	Mechanics, there's a new hydraulic motor pump, NSN 4320-15-010-3304, available for your M1000 HET semitrailer's auxiliary power unit (APU). This new pump is a different design and replaces the old, black cast-iron pump, NSN 4320-01-331-8742. When you receive the new pump, you'll notice it has an aluminum mid-body...
19-Dec-19	HEMTT A4: Wiper Blade NSN	https://www.psmagazine.army.mil/News/Article/2044232/hemtt-a4-wiper-blade-nsn/	If you have a HEMTT A4 with the bolt-on style wiper blade, NSN 2540-01-262-7708, you'll need to upgrade when changing blades. The first time you change to clip-on blades, NSN 2540-01-482-2300, you'll also need to upgrade to the new wiper arm, NSN 2540-01-626-2374. You'll find this parts information in TM 9-2320-326-13&P...

Construction



Date	Article Title	Link	Excerpt
30-Jul-19	120M Grader: Stop Upper Door Stop Bends	https://www.psmagazine.army.mil/News/Article/1920784/120m-grader-stop-upper-door-stop-bends/	Operators, opening and closing the 120M grader's cab door can bend the door stop, especially if the stop is out of adjustment.
1-Aug-19	M400W Compact Skid Loader: Ensure Door is Shut or Risk Battery Drain	https://www.psmagazine.army.mil/News/Article/1922840/m400w-compact-skid-loader-ensure-door-is-shut-or-risk-battery-drain/	Operators, the word's out that batteries on the M400W compact skid-loaders are known to drain after shutdown.
29-Aug-19	D7G Dozer: Nix the Slam-Bam Shifting!	https://www.psmagazine.army.mil/News/Article/1947971/d7g-dozer-nix-the-slam-bam-shifting/	Operators, you need to cool it on the slam-bam gear shifting at the work site. Slamming the shifter sideways from neutral, then down into reverse, will break the backup alarm's magnetic switch inside the shift console. A busted switch means the backup alarms won't sound off in reverse. That makes your dozer NMC.
11-Sep-19	M1231 HMDS: Got a Maintenance Issue? We've Got the Contacts!	https://www.psmagazine.army.mil/News/Article/1957604/m1231-hmds-got-a-maintenance-issue-weve-got-the-contacts/	Many components on the M1231 Husky Mounted Detection System (HMDS) need specialized attention to keep the ground penetrating radar (GPR) running smoothly and mission-ready. These HMDS components include: System cabling Control and Display Unit (CDU) Cab Control Unit (CCU) Speakerphone Vehicle Motion Sensor (VMS) Power Control Unit (PCU) Ethernet...
26-Sep-19	966H Scoop Loader: Get'cher Quick-Couper Parts Here!	https://www.psmagazine.army.mil/News/Article/1971873/966h-scoop-loader-getcher-quick-couper-parts-here/	The 966H scoop loader's TM 5-3805-291-23P (Jan 10) has no listing for the vehicle's front quick-coupler hydraulic lines and couplers. I've located a complete illustration from the Caterpillar website and all of the parts appear to be in the supply system. Can you pass this on to your readers? Jason Wood Ft Leonard Wood, MO Editor's Note:...
27-Sep-19	ATLAS II Forklift: Right Scoop on Parking Brake Pad	https://www.psmagazine.army.mil/News/Article/1973279/atlas-ii-forklift-right-scoop-on-parking-brake-pad/	Mechanics, You may run into problems when ordering new parking brake pads for the ATLAS II forklift. Items 4 and 15 in Fig 111 of TM 10-3930-677-23&P (IETM EM 0359, Aug 16) are the items in question. Item 4 says it's a grommet retainer when it's actually a retainer screw. And both Item 4 and 15 say they're components of parts kit, PN MPS4009. That's...

1-Oct-19	621G Scraper: Save Power for When You Need It	https://www.psmagazine.army.mil/News/Article/1976062/621g-scraper-save-power-for-when-you-need-it/	<p>If your 621G scraper has been sitting for a long time, it may not start when you need it. The batteries in these vehicles are known to drain if they sit too long without a start. No juice means you're going nowhere—at least not until help arrives for a slave start. So after the day's run, make sure you use the vehicle's battery disconnect switch. It...</p>
9-Oct-19	8816M BMPM: Pave the Way to a Smooth Start	https://www.psmagazine.army.mil/News/Article/1984925/8816m-bmpm-pave-the-way-to-a-smooth-start/	<p>Operators, keep these tips and procedures in mind before cranking up your 8816M bituminous material paving machine—your BMPM—at the worksite. These reminders can mean the difference between efficient paving and unnecessary down time. Start Up Make sure the EMERGENCY STOP switch on each control panel is off and the left and right joysticks are in...</p>
10-Oct-19	8816M BMPM: Pave the Way to PM	https://www.psmagazine.army.mil/News/Article/1986313/8816m-bmpm-pave-the-way-to-pm/	<p>Operators, A little lube in the right place means smoother paving operations for your 8816M bituminous material paving machine (BMPM). And the conveyor grease fittings definitely qualify as the right place! The bank of five conveyor grease fittings is located under the BMPM's hopper wing in the middle of the track on the right side. These fittings...</p>
10-Oct-19	M30 BEB: Adapter Pallet Cable Needs Backup	https://www.psmagazine.army.mil/News/Article/1986328/m30-beb-adapter-pallet-cable-needs-backup/	<p>The M15 bridge adapter pallet (BAP) is used to launch and retrieve the new M30 bridge erection boat (BEB). A new BAP is issued with every M30. But be aware there are reports of damage to the high stress areas near the cable's bullet on older BAPs. Watch high-stress areas for cable damage That could mean failure and an accident if the cable...</p>
23-Oct-19	ATLAS: ATLAS Forklift Hydraulic Hose NSN	https://www.psmagazine.army.mil/News/Article/1996262/atlas-atlas-forklift-hydraulic-hose-nsn/	<p>The part number for ATLAS hoist boom cylinder hydraulic line, listed as Item 3 in Fig 192 of TM 10-3930-673-24P (Jun 12), has two transposed numbers which resulted in an incorrect NSN. To order the hose, use NSN 4720-01-439-5070 (PN 2714382). The current parts info (NSN 4720-01-439-5061, PN 2713482) brings the priority valve hydraulic hose shown as...</p>
23-Oct-19	ATLAS II: ATLAS II Forklift Floodlight NSN	https://www.psmagazine.army.mil/News/Article/1996279/atlas-ii-atlas-ii-forklift-floodlight-nsn/	<p>Need a new floodlight for your ATLAS II forklift? Get it with NSN 6220-01-659-2472. It replaces NSN 6220-01-437-5616, which is shown as Item 16 in Fig 61 and Item 2 in Fig 62 of TM 10-3930-677-23&P (IETM EM0359, Aug 16). That NSN is a terminal item.</p>

23-Oct-19	BHL: Backhoe Loader Support	https://www.psmagazine.army.mil/News/Article/1996315/bhl-backhoe-loader-support/	<p>When you need repair parts, troubleshooting help or maintenance services for your backhoe loader (BHL), the first stop is TM 5-2420-231-24P (Jun 13). If you need help beyond the TM, remember to use your TACOM Logistics Assistance Representative (LAR) or send an email to:usarmy.detroit.tacom.mbx.ilsc-excavators@mail.mil</p>
23-Oct-19	M9 ACE: Hydraulic Fluid Check	https://www.psmagazine.army.mil/News/Article/1996468/m9-ace-hydraulic-fluid-check/	<p>Operators, when checking the M9 armored combat earthmover's (ACE's) hydraulic oil level, make sure the vehicle is level and all the oil is in the hydraulic tank. To do that, put the vehicle in SPRUNG mode with the engine off, ejector retracted (back), apron down and hydraulic pressure relieved.</p>
23-Oct-19	M9 ACE: Parts Missing from TM	https://www.psmagazine.army.mil/News/Article/1996497/m9-ace-parts-missing-from-tm/	<p>TM 5-2350-262-24P (Jun 12) comes up short on some needed parts for the M9 armored combat earthmover (ACE).Fig 50 covers the apron, dozer and blade assembly. It shows the blade's sleeve bushings as Item 26, but not the lock pins that fit through the bushings. Also missing are the retaining clips holding the lock pins in place. Get a new lock pin with...</p>
23-Oct-19	M9 ACE: Hydraulic Kit NSN	https://www.psmagazine.army.mil/News/Article/1996501/m9-ace-hydraulic-kit-nsn/	<p>Get a hydraulic parts kit for your M9 armored combat earthmover (ACE) with NSN 2590-01-216-8646. Need replacement parts?Check out Figure 228 of TM 5-2350-262-24P (Jun 12) for a complete list.</p>
5-Dec-19	621G Scraper: Lube Your Way to Weekly PM	https://www.psmagazine.army.mil/News/Article/2031836/621g-scraper-lube-your-way-to-weekly-pm/	<p>Operators, The right amount of lube in the right place means smooth operation for your 621G scraper. And here are a few places that especially need your attention. Two separate banks of grease fittings are located in the middle of scraper's right side. These fittings get coated with dirt and sand, so make...</p>
19-Dec-19	HYEX: Battery Compartment Rust Removal	https://www.psmagazine.army.mil/News/Article/2044151/hyex-battery-compartment-rust-removal/	<p>Operators...As part of your weekly PMCS, make it a point to open the battery compartment access doors on your HYEX to look for wet areas. That moisture quickly mixes with dirt and sand to create corrosion. Look for any rust inside the compartment, especially on the bottom plate that supports the batteries in...</p>

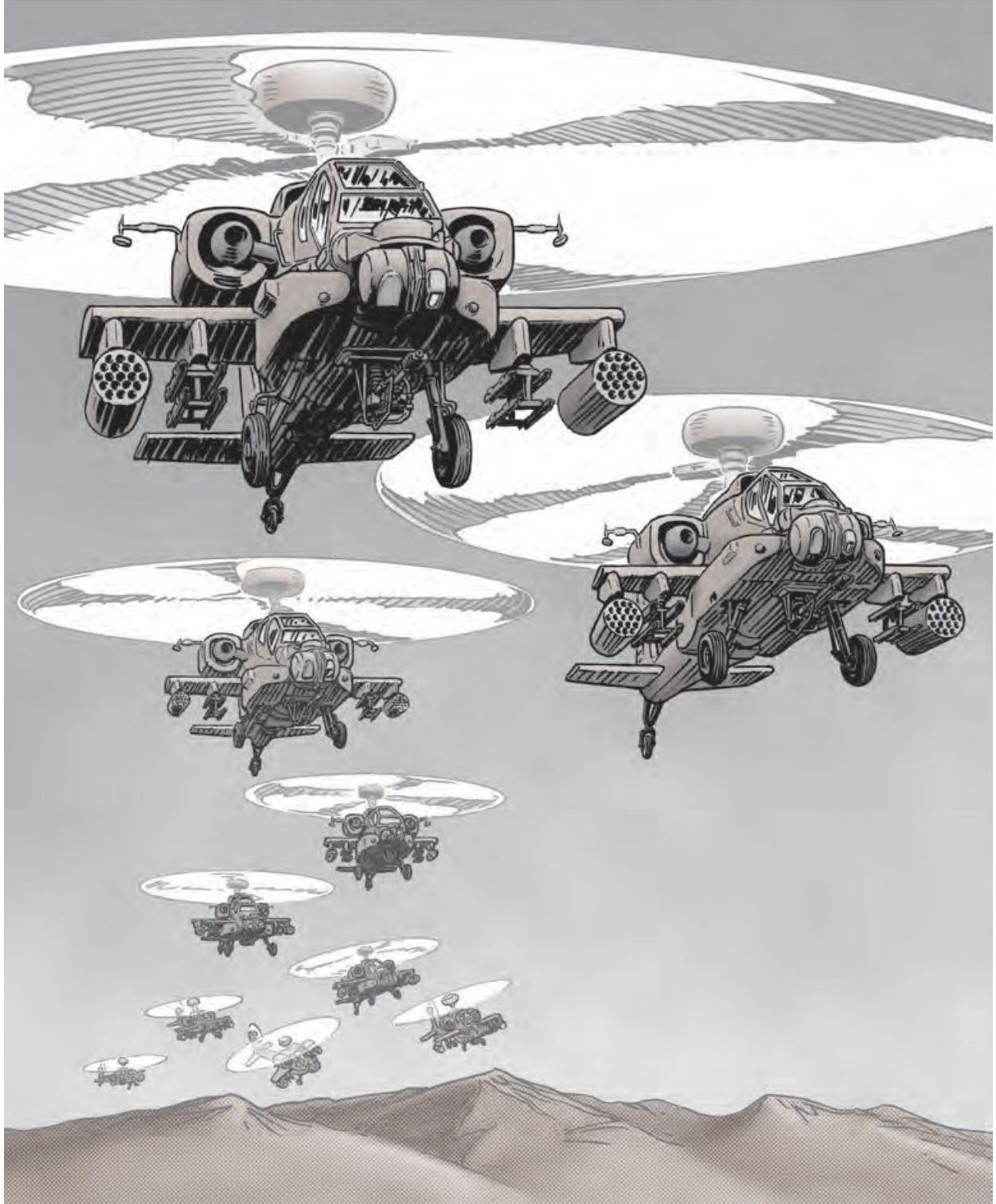
19-Dec-19

621G Scraper: Weekly
Lube a Must

<https://www.psmagazine.army.mil/News/Article/2044438/621g-scraper-weekly-lube-a-must/>

Operators, the right amount of lube in the right place means smooth operation for your 621G scraper. And here are a few places that especially need your attention. Two separate banks of grease fittings are located in the middle of scraper's right side. These fittings get coated with dirt and sand, so make sure you...

Aviation



Date	Article Title	Link	Excerpt
22-Jul-19	IR Harness: Mixup Creates Return Credit Confusion	https://www.psmagazine.army.mil/News/Article/1912110/ir-harness-mixup-creates-return-credit-confusion/	Mechanics, getting a return credit for turn-in goes much smoother when you include the item's proper NSN and part number. Take the Apache IR harness, for example. A legacy IR harness, NSN 5995-01-186-8601 (PN 10078758-101), is getting returned for credit as the current IR harness,...
30-Jul-19	Aviation: Need Help with AGSE?	https://www.psmagazine.army.mil/Articles/Article/1920562/aviation-need-help-with-agse/	When you have questions about aviation ground support equipment (AGSE), contact the AGSE headshed.
1-Aug-19	UH-72A Lakota: Controlling Erosion and Corrosion Is Your Responsibility	https://www.psmagazine.army.mil/Articles/Article/1922979/uh-72a-lakota-controlling-erosion-and-corrosion-is-your-responsibility/	Mechanics, the Lakota may be a contractor logistics supported rotary wing aircraft, but there are some things maintainers are responsible for...
1-Aug-19	H-60A/L: New Resistors Improve Encrypted Wireless Intercom Performance	https://www.psmagazine.army.mil/News/Article/1923008/h-60al-new-resistors-improve-encrypted-wireless-intercom-performance/	A new resistor configuration is now available for the H-60A/L...
1-Aug-19	Shadow Trailers: No License for Unlimited or Improper Towing	https://www.psmagazine.army.mil/Articles/Article/1923516/shadow-trailers-no-license-for-unlimited-or-improper-towing/	Shadow operators, just because your universal ground support station (UGCS) and air vehicle transport (AVT) shelters have tow hitches doesn't mean there's zero risk in using them for towing...
27-Aug-19	Aviation: Put an End to FOD	https://www.psmagazine.army.mil/News/Article/1945262/aviation-put-an-end-to-fod/	Putting an end to foreign object damage (FOD) starts with you taking steps to check for foreign object debris (FOD) on the flight line and picking it up. On the flight line or anyplace where aircraft land, FOD is a never-ending battle. So make FOD checks a regular part of your routine. When you're on the flight line: ...

29-Aug-19	UH-72 Lakota: Alternate Rescue Hooks Approved	https://www.psmagazine.army.mil/Articles/Article/1948006/uh-72-lakota-alternate-rescue-hooks-approved/	<p>There's a lot of chatter about which hoist hooks are or aren't approved for the Lakota. We've got the official word...The Lakota's Goodrich rescue hoist comes with a hook damper, PN 44307-480-2, and slide lock rescue hook, NSN 4030-01-583-4063 (PN 42315-490), that are installed at the factory.Both are covered...</p>
4-Sep-19	AAFARS: Which NSN Is Right for Collapsible Fuel Drum?	https://www.psmagazine.army.mil/Articles/Article/1951106/aafars-which-nsn-is-right-for-collapsible-fuel-drum/	<p>Mechanics, Item 60 in Table 1 of the Mandatory Replacement Parts list of TM 10-4930-351-13 (Apr 11) and Item 1 in Fig 55 of TM 10 4930-351-24P (Jun 11) have the wrong NSN listed. NSN 8110-01-515-4727 for the Advanced Aviation Forward Area Refueling Station's (AAFARS) collapsible fabric fuel drum is an invalid...</p>
5-Sep-19	Air Warrior: Need Flex Body Armor?	https://www.psmagazine.army.mil/Articles/Article/1952604/air-warrior-need-flex-body-armor/	<p>Units, PM Air Warrior has been issuing flex body armor for more than 10 years. But they are now out of the flex body armor business. All flex body armor is the unit's responsibility and should be on unit property books for issue to deploying Soldiers. If your unit doesn't have inserts to install in the flex body armor covers,...</p>
11-Sep-19	MEDEVAC: Skid Shoes for Rescue Baskets	https://www.psmagazine.army.mil/Articles/Article/1957211/meDEVAC-skid-shoes-for-rescue-baskets/	<p>MEDEVAC operators are asking about the use of skid shoes on approved rescue baskets and litters. After reviewing the details and drawings of the skid shoes,the Aviation Engineering Directorate (AED) concluded that no AED approval is required for their use. Use of skid shoes should extend the service...</p>
27-Sep-19	UH-60A/L: Internal Rescue Hoist TM Published	https://www.psmagazine.army.mil/Articles/Article/1973438/uh-60al-internal-rescue-hoist-tm-published/	<p>Mechanics, TM 1-1680-320-13&P, UH-60A/L High Performance Rescue Hoist, NSN 1680-01-552-3442, is revised and available for use. The revised TM includes more troubleshooting procedures, corrected schematics, additional maintenance procedures and other updates. If you work on the internal...</p>
27-Sep-19	H-60A/L/M: Hoist Mod Approved for Event Counter Viewing Window	https://www.psmagazine.army.mil/Articles/Article/1973450/h-60alm-hoist-mod-approved-for-event-counter-viewing-window/	<p>Mechanics, Aviation Engineering Directorate liaison engineers—or AED LEs— now have permission to modify the MEDEVAC's external rescue hoist, NSN 1680-01-505-3913, aft cowling. MEDEVAC units who want to apply the fairing modification must work through their logistics assistance representative...</p>

27-Sep-19	H-60 Series: Turn in AN/PRC-117F in SATCOM B-Kits	https://www.psmagazine.army.mil/Articles/Article/1973463/h-60-series-turn-in-anprc-117f-in-satcom-b-kits/	If you have aircraft in your unit with the AN/PRC-117F SATCOM MWO applied, the AMCOM headshed needs you to turn in the B-kit assets. The B-kits are needed for overseas contingency operations requiring SATCOM, so round up all you can find and turn them in ASAP. The PRC-117F radio system can no longer be...
16-Oct-19	Corrosion: Army Corrosion Prevention & Control: What is the Why?	https://www.psmagazine.army.mil/Articles/Article/1989899/corrosion-army-corrosion-prevention-control-what-is-the-why/	Troops, listen up. Did you know that maintenance costs for fixing DoD equipment damaged by corrosion runs roughly \$23 billion a year? That's why corrosion prevention and control requires ongoing planning and execution, across all units and at all levels. The attached article from the...
17-Oct-19	Apache: Helmet TM Now Available on ETM Website	https://www.psmagazine.army.mil/Articles/Article/1990832/apache-helmet-tm-now-available-on-etm-website/	Looking for the TM for the Apache Aviator Integrated Helmet (AAIH)? The wait is over. The AAIH TM 1-1680-392-13&P has been released on the Logistics Data Analysis Center's (LDAC's) electronic technical manual (ETM) website. Use your CAC to log in to LDAC at: https://idmng.armyerp.army.mil/ Select the ETM/...
17-Oct-19	Aviation: Be Static Electricity-Safe!	https://www.psmagazine.army.mil/Articles/Article/1990871/aviation-be-static-electricity-safe/	To be safe around aircraft fuel, pay attention to detail. Recently, a Soldier's arm and legs got soaked with fuel that gushed out of an open cap during a preflight inspection. He returned to the locker room to change, but static electricity from his winter underwear ignited the fumes. Outer clothing builds...
17-Oct-19	Aviation: Battling Airframe Corrosion with Primers and Topcoats	https://www.psmagazine.army.mil/News/Article/1990916/aviation-battling-airframe-corrosion-with-primers-and-topcoats/	Protecting airframes is job #1 for aviation units. That's why coating systems are needed to prevent corrosion to aviation assets. The typical coating consists of an aluminum pretreatment, typically a conversion coating such as MIL-DTL-5541, an epoxy primer, and a chemical agent resistant coating (CARC) topcoat...
23-Oct-19	MEDEVAC: Internal Rescue Hoist TM Published	https://www.psmagazine.army.mil/News/Article/1990462/medevac-internal-rescue-hoist-tm-published/	Mechanics, the word is out. TM 1-1680—320-13&P (Nov 18), which covers the Black Hawk high performance rescue hoist assembly, NSN 1680-01-552-3442, has been revised. The TM went through a major revision addressing previous issues with the 2008 update. And the new revision includes more troubleshooting...

25-Oct-19	H-60M Black Hawk: Protect Aircraft Folding Stabilator	https://www.psmagazine.army.mil/News/Article/1997990/h-60m-black-hawk-protect-aircraft-folding-stabilator/	Mechanics, When you're working on the Black Hawk's M-Model tail rotor, put a cover on the composite stabilator. It's a must no matter how careful you think you are with tools. Protecting the stabilator from dropped tools or other damage keeps your aircraft off the NMC list. Even the best mechanics get butterfingers...
25-Oct-19	Aviation: Need AGSE Help?	https://www.psmagazine.army.mil/News/Article/1999232/aviation-need-agse-help/	If you have questions about aviation ground support equipment (AGSE), visit the PM AGSE help ticket website (you'll need your CAC to log in): https://agse.peoavn.army.mil You can also send AGSE a help ticket email at:...
28-Oct-19	Aviation: Quick-Release Extension Tether Fielding Update	https://www.psmagazine.army.mil/News/Article/1999509/aviation-quick-release-extension-tether-fielding-update/	Operators, now that PM Air Warrior is almost done training and fielding the quick-release extension tether (QRET), MEDEVAC folks need your help. If there are any MEDEVAC, Black Hawk, and Chinook units out there that haven't been fielded and trained on the QRET, send your POC info to David Bath ASAP for...
28-Oct-19	MEDEVAC: Get Help with MEDEVAC Environmental Control System	https://www.psmagazine.army.mil/News/Article/2000161/meDEVAC-get-help-with-meDEVAC-environmental-control-system/	Mechanics, Got problems or issues with your environmental control system (ECS)? PD MEDEVAC wants to hear from you. If you have concerns or opinions about ECS operations, maintenance, support or training, let MEDEVAC know about it. This invitation also includes concerns about RobinAir carts, the EPA...
29-Oct-19	AH-64: ECS Servicing Carts Repairable	https://www.psmagazine.army.mil/News/Article/2002474/ah-64-ecs-servicing-carts-repairable/	Mechanics, Requisitions for the Apache and MEDEVAC environmental control unit (ECS) servicing cart, PN 7-562104012-605, are no longer filled. This equipment is a modified commercial off-the-shelf (COTS) automotive air conditioning freon evacuating and service cart, Robinair model 17800B. Since supply is no...
30-Oct-19	UH-60: Have Unserviceable Parts? Turn Them In!	https://www.psmagazine.army.mil/News/Article/2003133/uh-60-have-unserviceable-parts-turn-them-in/	Mechanics, The maintenance and overhaul programs need your help! The supply system can only meet the demand for parts when it has parts to repair. The parts listed below have low return rates. That means others can't get what they need if you're stockpiling unserviceable H-60 components or parts around the...

30-Oct-19	Black Hawk: Parts Turn-In Good For Business	https://www.psmagazine.army.mil/News/Article/2003178/black-hawk-parts-turn-in-good-for-business/	<p>Maintainers, When ordering repairable items, always make sure you turn in unserviceable items to depot for repair. Consider it "one in" for every "one out." If you have any power turbine modules (PTMs), NSNs 2840-01-503-1700 and 2840-01-286-1909 for T700-GE-701C/D engine, turn them in to depot. Note that...</p>
30-Oct-19	Aviation: Aircraft Information Website	https://www.psmagazine.army.mil/News/Article/2003796/aviation-aircraft-information-website/	<p>Looking for aviation information on H-60s, AH-64s, CH-47s, UH-72As in a one-stop-shop kind of place? You'll find everything from AWR's to AMIM's, SOF's and aviation ground support equipment (AGSE) information on the Joint Technical Data Integration (JTDI) website. Start searching...</p>
November 5, 2019	Black Hawk: Don't Stockpile Unserviceables	https://www.psmagazine.army.mil/News/Article/2008490/black-hawk-dont-stockpile-unserviceables/	<p>Mechanics, Keeping unserviceable Black Hawk assets on the shelf does no one any good. It's much better to turn in that equipment for repair so it can be returned to service. The equipment listed below has a low unserviceable return rate. So, if you have any of these items hanging around your hanger, turn them in now!...</p>
5-Nov-19	Apache: IR Harness Mixup Creates Return Credit Confusion	https://www.psmagazine.army.mil/News/Article/2009072/apache-ir-harness-mixup-creates-return-credit-confusion/	<p>Mechanics, Getting a return credit for turn-in goes much smoother when you include the item's proper NSN and part number. Take the Apache IR harness, for example. A legacy IR harness, NSN 5995-01-186-8601 / PN 10078758-101 (Fig. 1), is getting returned for credit as the current IR harness, ...</p>
6-Nov-19	Aviation: UMARK Limitation Criteria Abolished	https://www.psmagazine.army.mil/News/Article/2010349/aviation-umark-limitation-criteria-abolished/	<p>Operators, If you haven't heard, the Unit Maintenance Aerial Recovery Kit (UMARK) lifting limit criteria has been updated. Completed MWO Means no lifting recertification required with the completion of MWO 1-1670-260-50-3, users are no longer required to perform the five-year sling recertification. In...</p>
8-Nov-19	Apache: Return Servo-Cylinders in Original Containers	https://www.psmagazine.army.mil/News/Article/201218/apache-return-servo-cylinders-in-original-containers/	<p>Mechanics, When returning unserviceable Apache servo-cylinders for overhaul, your shipping container makes all the difference. To ensure the servo-cylinders arrive safely and with no further damage, always use their original, reusable, shipping and storage containers. A makeshift container, box...</p>

8-Nov-19	Apache: Helmet Chinstrap Needs Care	https://www.psmagazine.army.mil/News/Article/2012629/apache-helmet-chinstrap-needs-care/	<p>ALSE techs, NCOs and flight crews, Protecting your noggin is vital during any aircraft emergency. Part of that protection is making sure the chinstrap on your HGU-56/P helmet is secure and functioning. Recently, a crewmember received preventable injuries during a helicopter emergency, ...</p>
8-Nov-19	Apache: Inspection Kits Now Available	https://www.psmagazine.army.mil/News/Article/2012655/apache-inspection-kits-now-available/	<p>Mechanics, PM Apache heard your concerns about inspections on the aircraft and gun. A lot of the angst dealt with the hours required to locate and gather parts for the 250-hour, 500-hour and six-month gun inspections. PM Apache answered those concerns with a series of kits that reduce the man-hours...</p>
18-Nov-19	Apache: USB Interface Device Now Available	https://www.psmagazine.army.mil/News/Article/2013925/apache-usb-interface-device-now-available/	<p>Mechanics, If you haven't received it yet, be on the lookout for the new MIL-STD-1553 Apache USB interface device, NSN 5995-01-668-2169 (PN ACS1553M, CAGE 644Y8). The Apache PM started distributing the device in mid-2019. The official nomenclature of this device is "special purpose, electrical cable..."</p>
18-Nov-19	H-60 Aircraft: Got Utility Helicopter Safety Questions?	https://www.psmagazine.army.mil/News/Article/2014273/h-60-aircraft-got-utility-helicopter-safety-questions/	<p>Having safety issues with any of your H-60 helicopter models? Here's an email address for field units to submit inquiries about any issues affecting safety: usarmy.redstone.peo-avn.mbx.avn-uh-po-safety@mail.mil</p>
25-Nov-19	Apache: Turn-ins Reduce Repair Parts Shortage	https://www.psmagazine.army.mil/News/Article/2020313/apache-turn-ins-reduce-repair-parts-shortage/	<p>Mechanics, AMCOM repair programs need your help! When Apache parts are unserviceable, it's crucial that units turn them in for repair in a timely manner. The supply system can only meet the demand for parts when it has parts to repair to send back out to users. Here's a list of needed parts: Item NSN Main rotor...</p>
25-Nov-19	AH-64: Avoid the Green Tag Snag	https://www.psmagazine.army.mil/News/Article/2020432/ah-64-avoid-the-green-tag-snag/	<p>Mechanics, When turning in an unserviceable component, it's important you fill out the green tag DD Form 1577-2, Unserviceable (Reparable) Tag-Materiel, with the correct information. That hasn't been the case lately for the Apache's fire control radar (FCR). And that documentation is critical for...</p>

25-Nov-19	AH-64/H-60: How to Replace T701D Engine Nameplates and Data Plates	https://www.psmagazine.army.mil/News/Article/2020466/ah-64h-60-how-to-replace-t701d-engine-nameplates-and-data-plates/	<p>Mechanics, Getting a replacement Apache or Black Hawk T701D engine nameplate or module data plate just got a little bit easier. Corpus Christi Army Depot's (CCAD) new Item Unique Identification (IUID) request form provides the means to replace lost and illegible nameplates and data plates. You can...</p>
25-Nov-19	H-60 Black Hawk: Get Parts Turned in for Repair	https://www.psmagazine.army.mil/News/Article/2020692/h-60-black-hawk-get-parts-turned-in-for-repair/	<p>Mechanics, Maintenance and overhaul programs rely on you to do your part! In order for the supply system to meet the demands for H-60 series helicopter components, unserviceable Black Hawk parts must be turned in for repair ASAP. Without those unserviceable items, on-hand inventory takes a nosedive and,....</p>
25-Nov-19	Apache/Black Hawk: Engines Can't Take a Steppin' and Keep on Trekkin'	https://www.psmagazine.army.mil/News/Article/2021041/apacheblack-hawk-engines-cant-take-a-steppin-and-keep-on-trekkin/	<p>Mechanics, If you're confused about why we keep mentioning how Black Hawk and Apache engines are no step zones, it's because your feet are still breaking delicate engine connectors and parts. Every time you use an engine as a stepstool or shortcut across a helicopter, stuff gets broken. That defeats the...</p>
25-Nov-19	Black Hawk: Turn in Unserviceable H-60 Series Landing Lights	https://www.psmagazine.army.mil/News/Article/2022002/black-hawk-turn-in-unserviceable-h-60-series-landing-lights/	<p>The supply system is in critical need of unserviceable H-60 landing lights, NSN 6220-01-105-6582 (PNs 70553-01104-102 and 45-0190-7). Turn in these needed assets now for repair. Landing light returns have drastically decreased and are needed now for the maintenance and overhaul repair program. Without...</p>
25-Nov-19	Aviation: Don't Hoard T700-GE-701C PTMs	https://www.psmagazine.army.mil/News/Article/2022024/aviation-dont-hoard-t700-ge-701c-ptms/	<p>Mechanics, Returning unserviceable parts that are no longer being used benefits you. If you have any unserviceable T700-GE-701C power turbine modules (PTMs), NSN 2840-01-286-1909, stockpiled in your back shop area, this part is no longer used on the Apache and Black Hawk aircraft and...</p>
25-Nov-19	MEDEVAC: Breeze-Eastern Rescue Hoist Training Available	https://www.psmagazine.army.mil/News/Article/2023415/medevac-breeze-eastern-rescue-hoist-training-available/	<p>Mechanics, There's a great need for maintenance training on the Breeze-Eastern external rescue hoist. To support that need, training is available through Vertical Lift Consulting...</p>

26-Nov-19	Aviation: Corrosion Prevention Never Ends	https://www.psmagazine.army.mil/News/Article/2026233/aviation-corrosion-prevention-never-ends/	<p>Staying on top of corrosion saves money and equipment. To stay in the fight, the AMCOM Corrosion Program Office (CPO) recommends Soldiers use supplemental information in TM 1-1500-344-23-4 to provide ordering information for consumable materials and equipment used to prevent, control, and repair...</p>
26-Nov-19	Lakota: Test EPS Before Flight	https://www.psmagazine.army.mil/News/Article/2026273/lakota-test-eps-before-flight/	<p>Air crews, Keeping your Lakota helicopter's emergency power supply (EPS) charged depends on you performing the proper tests. The EPS provides 30 minutes of power to the emergency exit lighting and the standby horizon if there's a complete electrical failure. It's powered by the PS-835...</p>
26-Nov-19	H-60A/L: Position Critical for Oil Cooler Sensor Mounting Block	https://www.psmagazine.army.mil/News/Article/2027050/h-60al-position-critical-for-oil-cooler-sensor-mounting-block/	<p>Mechanics, During a recent Black Hawk test, technicians discovered the oil cooler sensor mounting block wasn't installed correctly. Oil cooler sensor mounting block installed incorrectly The sensor block was installed with the fore/aft sensor facing the right side of the aircraft instead of facing forward. The fore/aft...</p>
26-Nov-19	Aviation: Need Condition Code Tags?	https://www.psmagazine.army.mil/News/Article/2027058/aviation-need-condition-code-tags/	<p>Dear Sergeant Blade, I'm the production control person in my FMS shop, and I need an NSN for the yellow DD Form 1574, Serviceable Tag-Materiel. Can you help me out? Mr. J.P. Dear Sir, I sure can. While the yellow (DD Form 1574), red (DD Form 1577), green (DD Form 1577-2), and blue (DD Form 1576) condition...</p>
26-Nov-19	UAS: Protect Gray Eagle Aircraft from Cold	https://www.psmagazine.army.mil/News/Article/2027310/uas-protect-gray-eagle-aircraft-from-cold/	<p>Gray Eagle, Extended Range Maintainers and operators, It's a fact that accumulation of snow, ice, frost and moisture on aircraft surfaces places the aircraft in adverse conditions that warrant special care. Get Smart When taking care of your Gray Eagle, NSN...</p>
4-Dec-19	UH-60A Black Hawks: Aircraft Transfer Pointers	https://www.psmagazine.army.mil/News/Article/2030849/uh-60a-black-hawks-aircraft-transfer-pointers/	<p>Units, If you're transferring your UH-60A aircraft through the Black Hawk Exchange and Sales Team (BEST) Divestiture Program, keep these key points front and center. Point #1: Thoroughly read all directives that apply to aircraft movement provided by the Utility Helicopter Project Office's...</p>

4-Dec-19	H-60 Black Hawk: Configuration Change on Primary Servos	https://www.psmagazine.army.mil/News/Article/2031379/h-60-black-hawk-configuration-change-on-primary-servos/	Mechanics, Think the seals on your Black Hawk's primary servos are missing after inspection? Maybe not. The primary servos went through a recent configuration change that included a more environmentally-friendly chrome plating process and improved seals. Upon inspection, the seals appear to be...
5-Dec-19	Black Hawk: Turn In Repair Parts!	https://www.psmagazine.army.mil/News/Article/2032697/black-hawk-turn-in-repair-parts/	Mechanics, Maintenance and overhaul programs rely on you to turn in unserviceable parts! If you have any unserviceable Black Hawk parts lying around, turn them in ASAP.
5-Dec-19	Black Hawk: Ship Repair Parts in Right Containers	https://www.psmagazine.army.mil/News/Article/2032024/black-hawk-ship-repair-parts-in-right-containers/	Mechanics, Maintenance and overhaul programs rely on you to turn in unserviceable parts! But that's just half the story. When parts are shipped in the wrong shipping containers, unnecessary damage results. That increases the scrap rate for each part and keeps users who need those parts waiting. It also...
9-Dec-19	H-60: Eyebolts Matter for Cabin Maintenance Crane	https://www.psmagazine.army.mil/News/Article/2033834/h-60-eyebolts-matter-for-cabin-maintenance-crane/	Mechanics, When there is no overhead hangar crane available to lift heavy components from an aircraft, the next best thing is your aircraft's cabin maintenance crane. It's a part of the UH-60 special tools test equipment covered by SC 9999-01-SKO. When preparing the crane for use, follow the steps in...
9-Dec-19	Small Unmanned Aircraft System: Parts Needed for Timely Orders	https://www.psmagazine.army.mil/News/Article/2033949/small-unmanned-aircraft-system-parts-needed-for-timely-orders/	Mechanics, Getting replacement parts in a timely manner for your small unmanned aircraft system (SUAS) depends on you turning in parts. If your unit owns a Raven and PUMA SUAS aircraft, contact the PM-UAS warehouse at: usarmy.redstone.peo-avn.list.avn-uas-suas-part@mail.mil The warehouse tracks parts and needs all...
9-Dec-19	MEDEVAC: Having Oxygen Bottle Bracket Trouble?	https://www.psmagazine.army.mil/News/Article/203421/medevac-having-oxygen-bottle-bracket-trouble/	Mechanics, If your unit's interim MEDEVAC mission support system (IMMSS) oxygen bottle brackets are cracking or breaking, listen up. PD MEDEVAC needs to know if you have broken or cracked brackets and requests that units submit a DD Form 1348-6 supply request through normal...

9-Dec-19	M230 Automatic Gun: Target These Tips	https://www.psmagazine.army.mil/News/Article/2035680/m230-automatic-gun-target-these-tips/	<p>Target these tips to keep your M230 automatic gun on target, particularly in a desert environment: TW-25 lube is to be used only in the desert. It's good for a sand and dust environment because it doesn't attract sand as much as GMD. But that's the only place where TW-25 is OK. Everywhere else, use GMD, NSN...</p>
12-Dec-19	MEDEVAC: Rescue Hoist Pendants Need a Home	https://www.psmagazine.army.mil/News/Article/2038686/medevac-rescue-hoist-pendants-need-a-home/	<p>MEDEVAC mechanics, Some rescue hoist pendants shipped in for thermal testing didn't include paperwork or the paperwork was potentially misplaced, resulting in orphaned pendants at Breeze-Eastern. If you shipped Hoist pendants for testing and haven't gotten them back, email the pendant serial numbers to...</p>
17-Dec-19	Apache and Black Hawk: T700-GE-701C/D Engine Training Is Back	https://www.psmagazine.army.mil/News/Article/2042014/apache-and-black-hawk-t700-ge-701cd-engine-training-is-back/	<p>Mechanics, Back by popular demand and running through December 2020 is the General Electric (GE) T700-701C/D Line Maintenance Course. It's held in Springdale, Ohio. The course is open to Apache and Black Hawk T700 maintenance personnel and Department of the Army civilians on a first-come,...</p>
18-Dec-19	Aviation: Helicopters No Match for Wires and Towers	https://www.psmagazine.army.mil/News/Article/2043257/aviation-helicopters-no-match-for-wires-and-towers/	<p>This article has information that will save lives! Photo by Francis Trachta An aircraft is a powerful machine that shoots, maneuvers and travels at high velocity. But it's no match for wires and towers. Attention to detail is a must for pilots, copilots and crew. When it comes to spotting wires and towers, the eyes...</p>
19-Dec-19	New T700 Engine IETM Now on Army Enterprise Portal	https://www.psmagazine.army.mil/News/Article/2044190/new-t700-engine-ietm-now-on-army-enterprise-portal/	<p>Mechanics, The wait is over. The T700-GE-700/-701C/-701D engine's newest IETM, TM 1-2840-248-23&P (EM 0271, Oct 19), is now published. You can find it on the Army Enterprise...</p>
19-Dec-19	Aviation: Foreign Object Debris Leads to Foreign Object Damage	https://www.psmagazine.army.mil/News/Article/204455/aviation-foreign-object-debris-leads-to-foreign-object-damage/	<p>PS readers in the aviation community, When it comes to foreign object debris (FOD) and foreign object damage (FOD), there's a very informative article on Pages 7-10 of the October 2019 issue of Flightfax. The story gives great information about FOD and covers housekeeping, tool control, loose...</p>

31-Dec-19 UH-60 Black Hawk: Sun [https://www.psmagazine.a
rmy.mil/News/Article/2048
780/uh-60-black-hawk-sun-
shades-protect-aircraft-
from-heat/](https://www.psmagazine.army.mil/News/Article/2048780/uh-60-black-hawk-sun-shades-protect-aircraft-from-heat/) UPDATED 3-27-2020.
Shades Protect Aircraft
from Heat

Small Arms



Date	Article Title	Link	Excerpt
1-Aug-19	M7 Spider Area Denial System: Lithium Battery Safety	https://www.psmagazine.army.mil/News/Article/1922867/m7-spider-area-denial-system-lithium-battery-safety/	If you don't follow basic safety rules for your M7 Spider area denial system's lithium batteries, equipment damage or even injuries could result!
1-Aug-19	M2/M2A1 Machine Gun: Load Like This	https://www.psmagazine.army.mil/News/Article/1923180/m2m2a1-machine-gun-load-like-this/	Loading your M2/M2A1 machine gun incorrectly can do a number on its bolt
3-Sep-19	MK19 Machine Gun: Stop Slamming and Jamming	https://www.psmagazine.army.mil/News/Article/1949869/mk19-machine-gun-stop-slamming-and-jamming/	Even on a heavy-duty weapon like the MK 19 machine gun, slamming and jamming can cause heavy-duty damage. Remember these rules, gunners, to keep you and your MK 19 out of jams: Guide the feed tray cover to the latched position. Never let the cover slam down. If you slam the cover down, the cover lock is damaged. Then you can't lock the cover in.
27-Sep-19	Small Arms: The Right Sight Match for Your Weapon	https://www.psmagazine.army.mil/News/Article/1973501/small-arms-the-right-sight-match-for-your-weapon/	The Army gives Soldiers all sorts of choices for sights, lasers and infrared illuminators to use on their rifles, pistols and machine guns. But it can be difficult to tell what can be used where and how to find info on mounting and using a device. So we're going to help END that confusion! Here's a list of sights, their NSNs and TMs, along with what...
30-Sep-19	M153 CROWS II: Give CROWS Clearance	https://www.psmagazine.army.mil/News/Article/1974894/m153-crows-ii-give-crows-clearance/	Dear Editor, Units with the M153 CROWS II installed on their vehicles need to emphasize to drivers the system makes a big difference in vehicle clearance. CROWS adds at least three feet to the height of the vehicle. We've had several CROWS damaged because drivers forgot this. If there's any doubt whether a CROWS will clear an overpass or tree limb...
30-Sep-19	M2A1 Machine Gun: How Much Bolt Erosion is Too Much?	https://www.psmagazine.army.mil/News/Article/1975074/m2a1-machine-gun-how-much-bolt-erosion-is-too-much/	Dear Half-Mast, WP 0018 00-3 in the M2A1 machine gun's TM 9-1005-347-23&P (Jul 11) says to inspect the bolt face for pits and/or eroded areas up to .062 inches long or wide, .031 inches deep in scattered or random patterns, or rings .031 inches deep and .062 inches wide. I have bolts with eroded areas beyond .062 inches in length and width, but they...

30-Sep-19	M16-Series Rifle & M4/M4A1 Carbine: Fitting Rack Solution	https://www.psmagazine.army.mil/News/Article/1975098/m16-series-rifle-m4m4a1-carbine-fitting-rack-solution/	<p>Dear Half-Mast,I've had trouble getting our M4 carbines to fit securely in the M12 racks. Of course, that's critical to security. Has the Army come up with any fixes for this? SSG J.A. Dear Staff Sergeant, Yes, there are solutions.....but which one you use depends on why your M4s won't fit. Older M12 racks need an adapter bar so that M4s can't be removed...</p>
30-Sep-19	M320A1 Grenade Launcher: Store & Transport with Care	https://www.psmagazine.army.mil/News/Article/1975151/m320a1-grenade-launcher-store-transport-with-care/	<p>Dear Editor, Here at Ft Leonard Wood, we're seeing too many cracked or broken M320A1 grenade launcher sight supports. The only fix is to order the entire leaf sight assembly kit, NSN 1005-01-564-2663, for \$55. And sometimes it can take a long time to get the kit. But much of this damage is preventable if Soldiers and armorers just exercise a little</p>
11-Oct-19	M16-Series Rifles & M4/M4A1 Carbines: What Slings Are Available?	https://www.psmagazine.army.mil/News/Article/1987680/m16-series-rifles-m4m4a1-carbines-what-slings-are-available/	<p>Dear Half-Mast, Are there any slings available for the M16 rifle and the M4 carbine other than the classic black sling and the quick-release sling? 1LT L.E. No, sir, those are still the only approved slings for the M16 and M4. Order the M16 standard sling with NSN 1005-01-216-4510 and the M4 standard sling with NSN 1005-01-368-9852. The tactical...</p>
16-Oct-19	M2/M2A1 Machine Gun: How To Stop M2/M2A1 Damage	https://www.psmagazine.army.mil/News/Article/1990377/m2m2a1-machine-gun-how-to-stop-m2m2a1-damage/	<p>Too many M2s and M2A1s are being damaged because Soldiers aren't thoroughly trained on how to fire and maintain them. Here's What units need to do to stop that damage. Since Jan 2018, there've been 40 reported M2/M2A1 machine gun firing incidents resulting in damage to weapons. There are likely many more unreported incidents. More than half of the...</p>
22-Oct-19	M249 Scraper: NSN Changes	https://www.psmagazine.army.mil/News/Article/1995607/m249-scraper-nsn-changes/	<p>When your M249 machine gun's scraper tool wears out, don't use NSN 1005-01-131-1914 to order a new one. That NSN is obsolete. Instead, order a new scraper with NSN 5120-01-598-4301. It costs about \$25...</p>
30-Oct-19	M249: Carrying Handle Collar Inspection Criteria Clarification	https://www.psmagazine.army.mil/News/Article/2002603/m249-carrying-handle-collar-inspection-criteria-clarification/	<p>Soldiers, We need to clarify what was stated in our M249 barrel collar story on Page 39 of PS 802 (click on image below to access copy of the article). Yes, it's true the barrel is NMC if there is any movement of the barrel collar. But we didn't say what is moving. Movement in the handle is not the same as movement in the barrel collar. This picture...</p>

30-Oct-19	CROWS: Does Mandrel Come with Boresight Kit?	https://www.psmagazine.army.mil/News/Article/2003778/crows-does-mandrel-come-with-boresight-kit/	<p>Dear Half-Mast, We ordered the M153 CROWS boresight kit with NSN 1005-01-571-7212. According to TM 9-1090-221-10, it looks like the kit should have included a boresight mandrel adapter, NSN 4920-01-548-7633. But there's no foam cutout for it inside the tool kit. Does the mandrel adapter need to be ordered separately? Mr. S.S. Dear Sir, When you...</p>
18-Nov-19	M16-Series Rifles, M4/M4A1 Carbine: Solving Loose Lever Mystery	https://www.psmagazine.army.mil/News/Article/2017434/m16-series-rifles-m4m4a1-carbine-solving-loose-lever-mystery/	<p>Dear Editor, We've had a problem at Ft Leonard Wood with the M16 and M4's right-side fire control selector lever working loose and sometimes disappearing. We suspect the reason is from armorers forcing the weapons to fit into M12 racks. Over time, that loosens the lever's screw. As PS has pointed out in the Oct '19 issue, older M12 racks must be...</p>
18-Nov-19	Small Arms: Proper Handling of Malfunctions	https://www.psmagazine.army.mil/News/Article/2017455/small-arms-proper-handling-of-malfunctions/	<p>Soldiers, Some of you aren't taking the individual and crew-served weapon's basic issue items (BII) with you when you go to the field or the range. Bad idea! All weapons from .50-cal and below have BII. The BII is used to put the weapon into operation, during operation and for emergency repairs. So never fire a weapon in the field or on the range...</p>
18-Nov-19	M240L Machine Gun: BFA Correction	https://www.psmagazine.army.mil/News/Article/2017474/m240l-machine-gun-bfa-correction/	<p>On Page 31 of PS 797 (Apr 19), we said to use the M24 BFA, NSN 1005-01-480-0289, with the M240L machine gun. But with the application of MWO 9-1005-313-23-4, the M240L changed from the standard barrel to a short barrel. The M240L now uses only the M26 BFA, NSN 1005-01-565-6693</p>
18-Nov-19	Small Arms: Don't Mix & Match your Red/Yellow BFAs	https://www.psmagazine.army.mil/News/Article/2019632/small-arms-dont-mix-match-your-redyellow-bfas/	<p>Dear Editor, I'm writing to raise awareness of an issue we're noticing with the blank firing adapters or BFAs. Soldiers are using the red and yellow BFAs interchangeably and this leads to cycling problems when firing and possible damage. The BFAs are intended for specific weapons and are not interchangeable. BFAs come in two colors: yellow and red...</p>
25-Nov-19	M17/M18 Modular Handgun System: Sight Adjustment	https://www.psmagazine.army.mil/News/Article/2025261/m17m18-modular-handgun-system-sight-adjustment/	<p>Some Soldiers are trying to adjust the front sight on their new M17/M18 pistol. Big mistake! Adjusting the front sight yourself usually means a broken sight. And there's no reason to adjust it anyway. The pistol came from the manufacturer already zeroed. If your front sight gets damaged and needs replacing, see WP 0010-6 and -7 in TM 9-1005-470-23&P...</p>

26-Nov-19	Ammo: Use New Dummy Rounds Only	https://www.psmagazine.army.mil/News/Article/2025900/ammo-use-new-dummy-rounds-only/	<p>To prevent mix-ups in the field, three years ago, the Army fielded new small arms dummy rounds that are easily identified as dummy rounds. Units need to remember: these new rounds are the only dummy rounds authorized for training, weapon cycling, and any other situation requiring inert rounds. There is one temporary exception: A159 7.62mm...</p>
26-Nov-19	M153 CROWS II: How Tall Is CROWS When Towed?	https://www.psmagazine.army.mil/News/Article/2026754/m153-crows-ii-how-tall-is-crows-when-towed/	<p>Dear Editor, Drivers may be aware of how much height is added to their vehicle with the M153 CROWS II installed. But they should also give thought to its height when towed. Here are a few facts to keep in mind: Without a weapon attached, the CROWS is 3 feet tall. With an M2A1 machine gun mounted at maximum elevation, the system goes to 5 feet, 3...</p>
29-Nov-19	M17/M18 Modular Handgun System: Magazine Won't Fit?	https://www.psmagazine.army.mil/News/Article/2027514/m17m18-modular-handgun-system-magazine-wont-fit/	<p>Dear Editor, I've noticed Soldiers are having trouble loading the magazine into their new M17 and M18 pistols after reassembly. In pretty much every case, it's because the slide hasn't been locked to the rear. The M9 pistol didn't need the slide locked to the rear, so the confusion is understandable. With the new M17s and M18s, you first have to lock...</p>
4-Dec-19	Small Arms: Document Ammo Malfunctions	https://www.psmagazine.army.mil/News/Article/2030683/small-arms-document-ammo-malfunctions/	<p>Dear Editor, The Army tries to provide the best small arms and ammo for our Soldiers as possible. Our weapons can fire at very high rates, but no matter how hard we try to make the best ammo, it's likely that Soldiers will experience a major weapon or ammo malfunction at some point. Army Regulation 75-1, Malfunctions</p>
9-Dec-19	Ammunition: Caring for the New 9mm Round Prevents Accidents	https://www.psmagazine.army.mil/News/Article/2035080/ammunition-caring-for-the-new-9mm-round-prevents-accidents/	<p>Dear Editor, Soldiers are now getting the new M17/ M18 modular handgun system, and with the handguns come new 9mm ammo. There are two new rounds: the M1152 ball and M1153 special purpose. The ball bullet...</p>
17-Dec-19	M240 Machine Gun: Clean Your Weapon After Firing It	https://www.psmagazine.army.mil/News/Article/2042293/m240-machine-gun-clean-your-weapon-after-firing-it/	<p>Soldiers, It's important to clean your weapon every time you fire it! A maintenance facility reported receiving M240 machine guns with barrels stuck in the receiver. The cause of the problem was the weapons didn't get cleaned after they were fired. How can this be prevented? The easy answer is, clean your..</p>

18-Dec-19	Small Arms: Gaging Variance for Annual Services	https://www.psmagazine.army.mil/News/Article/2042883/small-arms-gaging-variance-for-annual-services/	<p>Let's address a frequently asked question: Is a 10-percent variance allowed on small arms weapon services, which include annual gaging? The answer is YES, although there's been some debate about this fact. AR 750-1, Army Material Maintenance Policy, allows for the 10-percent variance when performing services. DA...</p>
19-Dec-19	MK19: Property Book Serial Number Confusion Cleared	https://www.psmagazine.army.mil/News/Article/2043484/mk19-property-book-serial-number-confusion-cleared/	<p>Dear Editor, Some units with MK19 Mods 3 and 4 grenade machine guns have incorrect serial numbers listed on the property book. There are two groups of numbers on the serial number line on the receiver: a five digit group and a four digit group. For example, 12345, then a space, and 0598 are seen.</p>
19-Dec-19	M192 Tripod: PM Tips to Keep Your M192 in Tip-Top Shape	https://www.psmagazine.army.mil/News/Article/2044472/m192-tripod-pm-tips-to-keep-your-m192-in-tip-top-shape/	<p>Operators, It's important to conduct good PMCS to keep your M192 tripod in tip-top shape. Make sure to remove any carbon and dirt that may be on the M192 mount. Then apply a thin coat of CLP and lubricate all moving parts. Don't forget to wipe off the excess CLP. To keep your traversing and elevation (T&E) mechanism working properly...</p>

CBRN



Date	Article Title	Link	Excerpt
22-Jul-19	M53A1 Mask: Technical Manual Released	https://www.psmagazine.army.mil/News/Article/1912217/m53a1-mask-technical-manual-released/	<p>TM 3-4240-552-13&P (Oct 18) includes the repair parts and special tools list for the following mask sizes: M53A1 (Right) NSN 4240- Extra Small 01-646-2614 Small 01-646-2709 Medium 01-646-2699 Large 01-646-2625 M53A1 (Left) NSN 4240- Extra Small 01-646-2717 Small 01-646-2646...</p>
August 28, 2019	IHPS: TM Available	https://www.psmagazine.army.mil/News/Article/1945951/ihps-tm-available/	<p>The operator's manual for the integrated head protection system (IHPS) is out. TM 10-8470-216-10 (Dec 18) covers the following helmet sizes: Small, NSN 8470-01-672-2752 Medium, NSN 8470-01-672-2727 Large, NSN 8470-01-672-2383 X-large, NSN 8470-01-671-9927TM distribution is restricted, so you'll need to log in with your...</p>
5-Sep-19	M1135 NBCRV Stryker: Help NBCRV Stryker Do Its Detecting Duty	https://www.psmagazine.army.mil/News/Article/1952634/m1135-nbcrv-stryker-help-nbcrv-stryker-do-its-detecting-duty/	<p>The M1135 NBCRV Stryker is critical in an environment with CBRN threats. If it doesn't do its detecting job, the results could be fatal. Here are some ways to keep you and your NBCRV Stryker on the detecting trail: 1. Run the NBCRV Stryker at least four hours weekly while doing a complete PMCS. If you don't, you'll have guaranteed trouble.</p>
30-Sep-19	JSGP Masks: Keep Those Faceforms & Outsert Pouches!	https://www.psmagazine.army.mil/News/Article/1975171/jsgp-masks-keep-those-faceforms-outsert-pouches/	<p>Dear Editor, As a member of the Command Maintenance Training Team (COMET), I've noticed CBRN specialists and operators throwing away the faceforms and outsert pouches for the Joint Service General Purpose (JSGP) masks. They don't realize both the faceforms and outsert pouches have a purpose and aren't just packing material. The faceform is needed if...</p>
4-Nov-19	JSGPM: Nosecup News	https://www.psmagazine.army.mil/News/Article/2004324/jsgpm-nosecup-news/	<p>Dear Editor, As members of the Command Maintenance Evaluation and Training Team (COMET), we've come across a couple of noseup issues on the Joint Services General Purpose Mask (JSGPM): There is in an arrow on the noseup to help you properly install the internal drink tube. Most Soldiers don't realize that. The arrow should point to the top of the...</p>

21-Nov-19	M26 and M12A1 Decon: Protection from the Cold	https://www.psmagazine.army.mil/News/Article/2023232/m26-and-m12a1-decon-protection-from-the-cold/	Cold temperatures are not your friend if your M26 and M12A1 decons sit outside for long periods. In freezing weather, you should protect them. It's almost impossible to drain out all water from the M26 and M12A1s. That water can freeze and damage things like tanks and pumps, which are expensive to repair. Stop cold in its tracks like this: For the...
26-Nov-19	COMET CBRN Advice	https://www.psmagazine.army.mil/News/Article/2025880/comet-cbrn-advice/	Dear Editor, While helping CBRN units, we've come up with a few suggestions to make CBRN rooms run more efficiently: Make sure the CBRN specialist is actually trained to run a CBRN room. We've seen several instances of Soldiers assigned the job who have no idea what they're supposed to do. Most posts have a two-week course that gives the basics of...
5-Dec-19	CBRN: Out with Old and in with the New Overboot	https://www.psmagazine.army.mil/News/Article/2032846/cbrn-out-with-old-and-in-with-the-new-overboot/	Soldiers, Take a look at the new CBRN molded AirBoss® lightweight overboots (MALO). The official name in FED LOG is overshoes, nuclear, biological and chemical contaminates protective. The new MALO is made of antistatic butyl rubber and protects you from chemical agents. Plus it fits on either foot. No need to check if it's a right or...
9-Dec-19	M26 Decon: Rinsing Soap Away Prevents Excessive Soap Buildup	https://www.psmagazine.army.mil/News/Article/2035071/m26-decon-rinsing-soap-away-prevents-excessive-soap-buildup/	Dear Editor, We've noticed that some of the M26 decontamination apparatus's water pump valves and pressure switch line filters have an excessive amount of soap build-up. When that happens, the water pump may not work properly. To properly care for the M26 decon after use,...
12-Dec-19	NBC Bags: No Longer Free Issue	https://www.psmagazine.army.mil/News/Article/2038274/nbc-bags-no-longer-free-issue/	Following deployment, very few of the free-issue NBC bags given to Soldiers through the Individual Chemical Equipment Management Program (ICEMP) are returned. Of the ones turned in, most are so beat up they can't be reissued. Reduced funding means the free-issue days are over. Units are now held responsible for NBC bags issued to Soldiers...

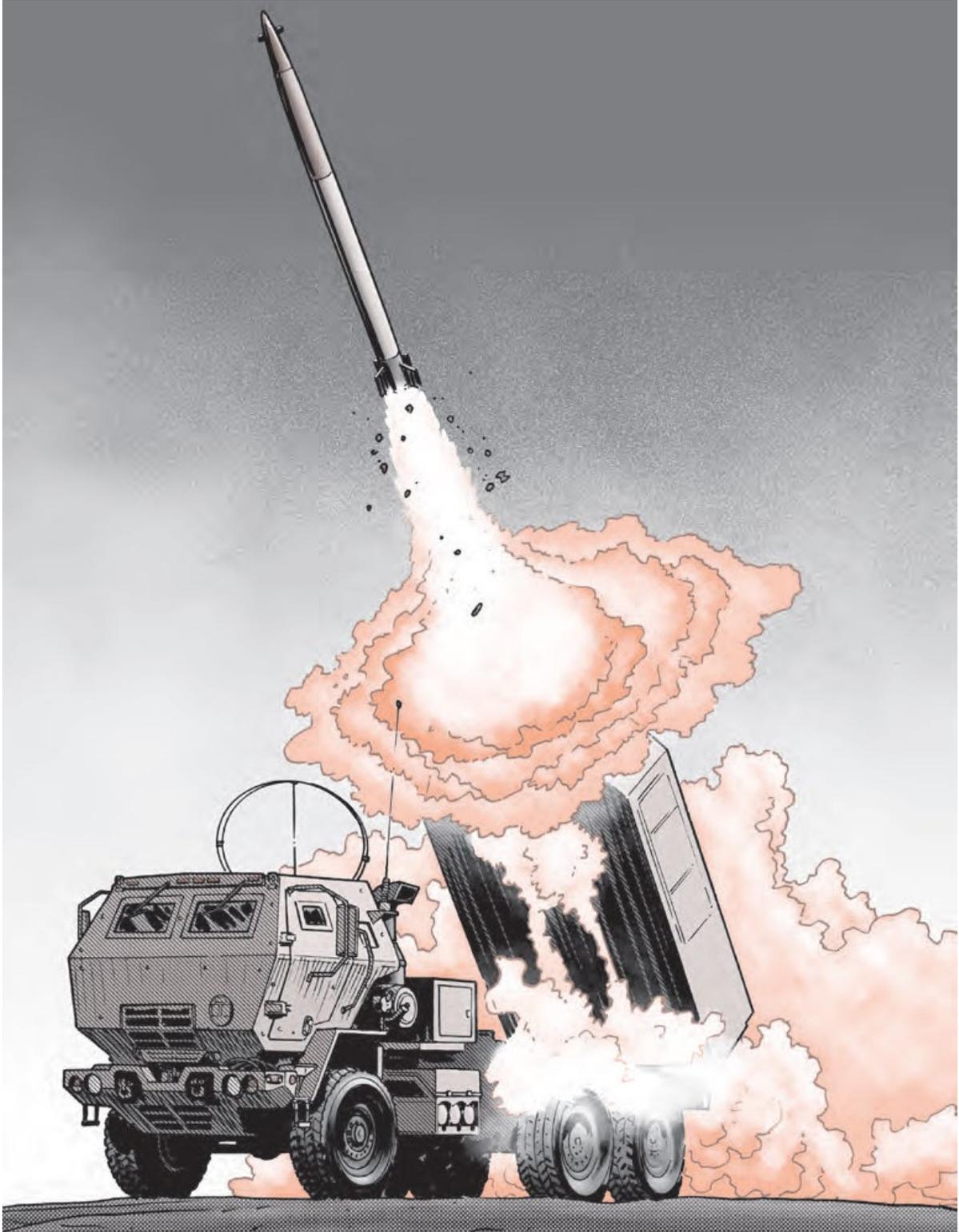
Soldier Support



Date	Article Title	Link	Excerpt
1-Jul-19	HOT TOPIC: Turn In ECHs with Sensors	https://www.psmagazine.army.mil/News/Article/1921004/hot-topic-turn-in-echs-with-sensors/	Ballistics testing has determined that enhanced combat helmets (ECHs) with helmet sensors don't provide the required ballistics protection.
27-Aug-19	COMET: Nowhere to Turn? Turn to COMET	https://www.psmagazine.army.mil/News/Article/1945391/comet-nowhere-to-turn-turn-to-comet/	If your new job requires you to set up an arms or CBRN room, manage your unit's property accountability or figure out what TMs your unit needs, you may need COMET. They have the answers. COMET stands for Command Maintenance Evaluation and Training team. The sole purpose of COMET is to help units solve their logistical problems through both...
3-Sep-19	SF 700: Practice Safe Safety	https://www.psmagazine.army.mil/News/Article/1974451/sf-700-practice-safe-safety/	Dear Editor, Every unit has some sort of safe for sensitive and classified material and most units have vaults for storing small arms. These safes and vaults have one critical thing in common: combination locks. The problem comes when a unit transfers and fails to tell the incoming unit what the combinations are to these locks. It's a major hassle to...
30-Sep-19	FOSH: Taking Ownership of Fuel-burning Heaters	https://www.psmagazine.army.mil/News/Article/1974480/fosh-taking-ownership-of-fuel-burning-heaters/	Dear Editor, As a Power Generation/Environmental Systems LAR, I'm often asked to assist with systems maintained by the 1D, 91C and 91J MOSs (ground support maintainers). Although most fuel-burning heaters are maintained by TACOM-LCMC, I'm familiar with them. I've noticed very little emphasis is placed on heater maintenance until it's winter and...
30-Sep-19	Fuels: Planning for Petroleum Ops	https://www.psmagazine.army.mil/News/Article/1974527/fuels-planning-for-petroleum-ops/	The Petroleum Planning and Operations Smart Book (Dec 18) gives instructions for planning and carrying out petroleum support operations. This in-depth guide is almost 200 pages and covers refueling equipment, petroleum planning and much more, with plenty of graphics and pics. Best of all, it's updated every year. The smart book is behind the CAC...
18-Oct-19	MTRCS: Shut Doors & Heed Rain Cap Caution	https://www.psmagazine.army.mil/News/Article/1992203/mtrcs-shut-doors-heed-rain-cap-caution/	Dear Editor, Maintainers and operators aren't following proper -10 TM procedures with the multi-temperature refrigerated container system—known as MTRCs. First, it's important for maintainers to close the top engine access panels on the MTRCS. Leaves, tree branches, bird nests and other debris get into the MTRCS' engine compartment through the open...

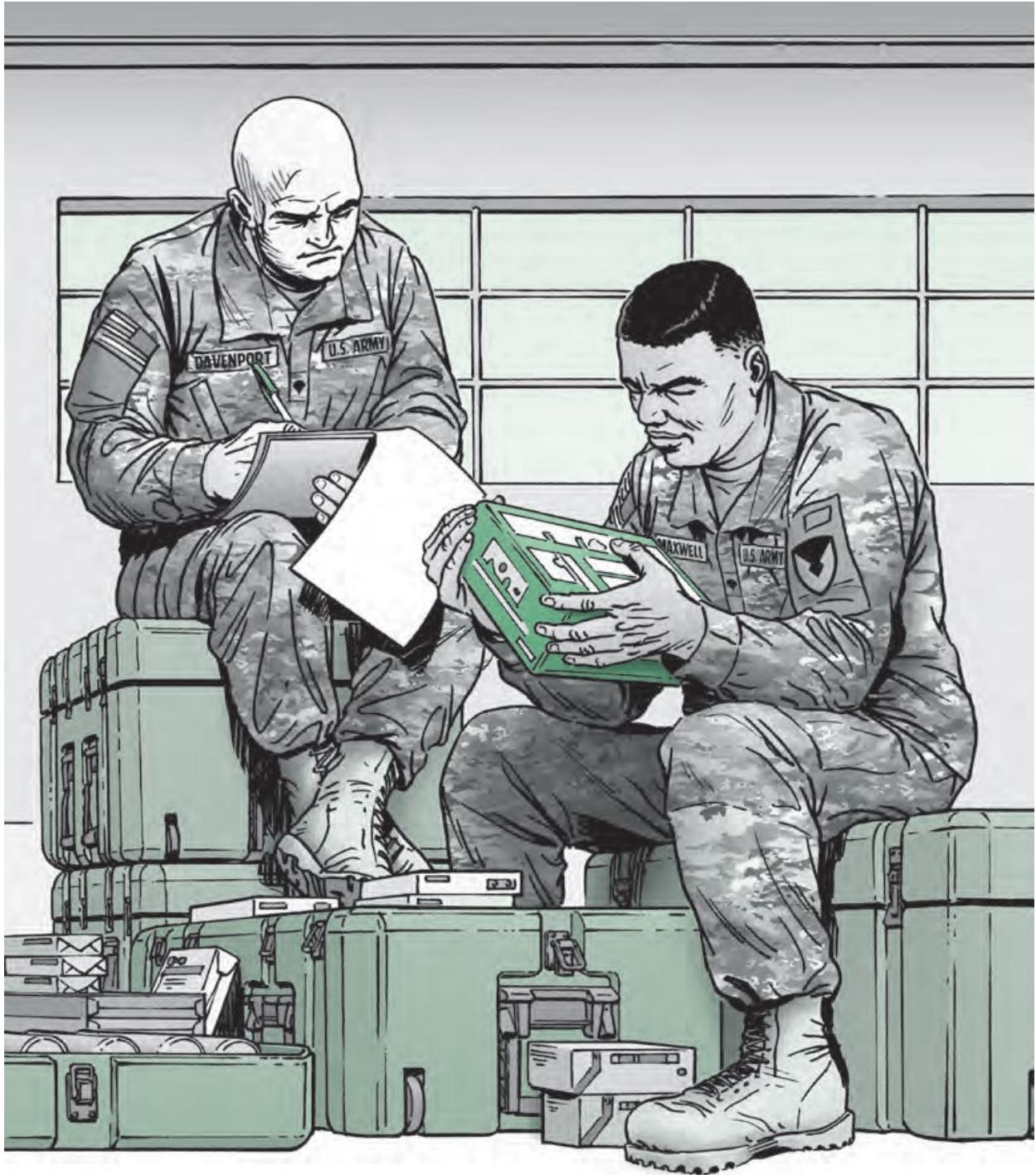
24-Oct-19	Cold Weather Advice	https://www.psmagazine.army.mil/News/Article/1997489/cold-weather-advice/	Dear Half-Mast, A few issues ago, you offered some really helpful advice on how to avoid heat injuries. Now that the season has changed, do you have any wisdom to share on how to avoid cold weather injuries? SGT K.B. Glad we could help you avoid heat injuries last summer, sergeant! Here are a few tips to help keep you safe from Old Man Winter. When it...
21-Nov-19	DRASH: Replacing Power Unit Frame Shelters	https://www.psmagazine.army.mil/News/Article/2020009/drash-replacing-power-unit-frame-shelters/	What do you do when DRASH tents are not mission capable or not economically repairable? The answer is simple. The Army has approved replacement of the older technology articulating frame shelters listed below: DRASH TM PU-821/T, PU-822A/T 11-6115-742-13&P (May 12) PU-823A/T, PU-824B/T 11-6115-748-13&P (Sep 09) PU-823/T,...
21-Nov-19	Railroad Maintenance: Keeping Tracks Safely on Track	https://www.psmagazine.army.mil/News/Article/2019993/railroad-maintenance-keeping-tracks-safely-on-track/	The Army moves equipment from fort to port on railroad lines. But there are many behind-the-scene activities that enable rail lines to keep operating.
9-Dec-19	Army Combat Fitness Test Equipment NSNs	https://www.psmagazine.army.mil/News/Article/2034074/army-combat-fitness-test-equipment-nsns/	Refer to this chart to keep your Soldiers fit and ready for their Army Combat Fitness Test (ACFT). Note that the only approved ACFT equipment set is NSN 7830-01-675-1851. Nomenclature NSN 6930- Quantity per Set/ Lane Barbell collar/spring 01-684-6430 2 Hexagon barbell 01-684-6427 1...
13-Dec-19	TWPS BII Ice Auger NSN	https://www.psmagazine.army.mil/News/Article/2039055/twps-bii-ice-auger-nsn/	Order the ice auger that's part of the basic issue items (BII) for the tactical water purification system (TWPS) with NSN 3820-01-526-2892. The NSN shown as Item 2 in WP 0045 00-15 of TM 10-4610-309-10 (May 08) brings the NBC tank instead of the ice auger. So make a note until the TM gets updated.
23-Dec-19	MTRCS NSN: Don't Get Hosed	https://www.psmagazine.army.mil/News/Article/2046429/mtrcs-nsn-dont-get-hosed/	Heeding this article could save your unit an unexpected \$1000+ upcharge Dear Editor, I'm bringing an NSN discrepancy to your attention that we recently discovered on the multi-temperature refrigerated container system (MTRCS). We tried to order the green light lens for a MTRCS we maintain. We found the item in TM 10-8145-222-23P (Apr 16). The TM lists...

Missiles



Date	Article Title	Link	Excerpt
27-Sep-19	HIMARS/MLRS: Keep Hoist Cables Hoisting	https://www.psmagazine.army.mil/News/Article/1973649/himarsmlrs-keep-hoist-cables-hoisting/	<p>If the HIMARS or MLRS hoist cables can't do their job, your rocket firing will be pretty much one-and-done. No hoist cables mean no loading rocket pods. Your HIMARS or MLRS has just turned into expensive transportation. That's why it's so important HIMARS/MLRS crews pay attention to the hoist cables before they go to the field. Spot problems while...</p>
27-Sep-19	Patriot: Help from Ft. Bragg	https://www.psmagazine.army.mil/News/Article/1973689/patriot-help-from-ft-bragg/	<p>Dear Editor, While keeping Ft Bragg's Patriot batteries ready for action, we've come up with a few tips to help other Patriot units: Drain the PAC-2 launching station LMRD and the PAC-3/MSE launching station J-box/LSDU at least weekly. Drain daily in humid areas. We've had trouble with moisture collecting in the boxes and causing major electrical...</p>
11-Oct-19	Patriot: Tips Worth Saluting	https://www.psmagazine.army.mil/News/Article/1987650/patriot-tips-worth-saluting/	<p>Dear Editor, We've come up with a few tips that will save other Patriot Missile units time and trouble. Remember that pulling out the embedded data recorder no longer reboots the system. That used to be the standard check to see if the recorder was good. But the update to the Modern Man Station changed that. Because of the Combined Cryptographic...</p>

Logistics Management

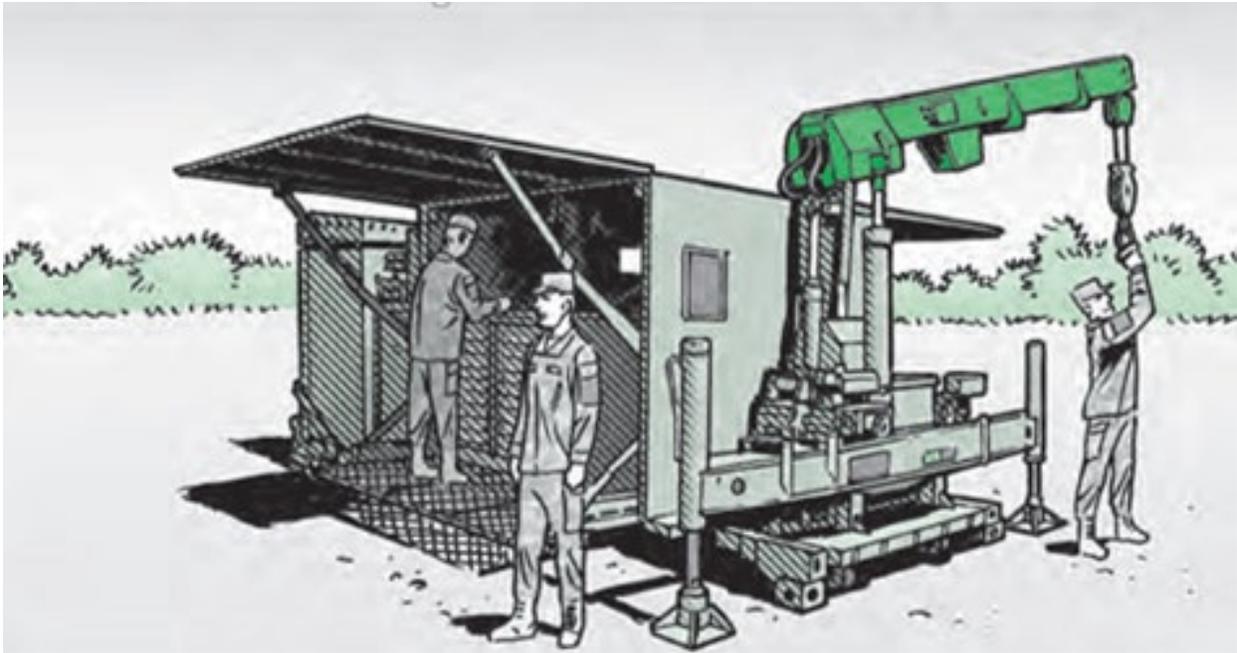


Date	Article Title	Link	Excerpt
22-Jul-19	PSCC Offers Training Videos	https://www.psmagazine.army.mil/News/Article/1911892/pscc-offers-training-videos/	PSCC offers training videos on their YouTube page..
1-Aug-19	Series 200 Padlock: Pricey Padlock Replacements	https://www.psmagazine.army.mil/News/Article/1923573/series-200-padlock-pricey-padlock-replacements/	The Series 200 padlock is used to secure military vehicles and Basic Issue Items (BI) inside vehicle stowage boxes. And they've cost the Army more than \$18 million dollars!
2-Aug-19	DLA: ETID for Easier Equipment Turn-in	https://www.psmagazine.army.mil/News/Article/1924741/dla-etid-for-easier-equipment-turn-in/	If you manually prepare DLA Disposition Services turn-in documents, there's a web-based process to make your job easier... Demilitarization (DEMIL) codes are assigned to all DoD personal property for control and disposal. They indicate the required level of physical destruction or provide special handling instructions for United States Munitions List (USML) and Commerce Control List (CCL) items being turned in to Defense Logistics Agency (DLA) Disposition Services.
28-Aug-19	DEMIL: Decoding Demilitarization	https://www.psmagazine.army.mil/News/Article/1946418/demil-decoding-demilitarization/	Dear Cloe, Pages 56-57 of PS 777 (Aug 17) described how to turn in excess furniture to DLA Disposition Services. What's the process if your unit needs to request furniture from DLA? SPC H.L. Dear Specialist, To access DLA's reutilization, transfer and donation (RTD) program, you'll need to create an Account Management and Provisioning System (AMPS)...
3-Sep-19	DLA: How Do I RTD?	https://www.psmagazine.army.mil/News/Article/1974543/dla-how-do-i-rtd/	If you need to store or ship HAZMAT, turn to the Army Sustainment Command's Packaging, Storage and Containerization Center (PSCC) for advice. Get started by sending an email to: usarmy.tyad.usamc.mbx.pt@mail.mil
30-Sep-19	PSCC: Turn to PSCC for HAZMAT Help	https://www.psmagazine.army.mil/News/Article/1974592/pscc-turn-to-pscc-for-hazmat-help/	Over the last two years, auditors have checked capital assets against the information in Accountable Property Systems of Record (APSRs).Unfortunately, auditors consistently find serial numbers on equipment that don't match the serial numbers in the property book. That's the bad news. The good news is since Army equipment is regularly operated,...
1-Oct-19	HOT TOPIC: Audits Ensure Equipment Readiness	https://www.psmagazine.army.mil/News/Article/1969797/hot-topic-audits-ensure-equipment-readiness/	

3-Oct-19	CCDC-DAC Helps with Bench Stock	https://www.psmagazine.army.mil/News/Article/1978680/ccdc-dac-helps-with-bench-stock/	Looking to get your bench stock under control?The Combat Capabilities Development Command-Data and Analysis Center (CCDC-DAC) is here to help.CCDC-DAC offers bench stock solutions tailored to your unit's equipment. Email CCDC-DAC to find out more: usarmy.apg.ccdc-dac.list.SSL-request@mail.mil
22-Oct-19	HOT TOPIC: Supply Management: Signature Required for Supply Pickup	https://www.psmagazine.army.mil/News/Article/1995259/hot-topic-supply-management-signature-required-for-supply-pickup/	Supply Support Activity (SSA) accountable officers (AOs), did you know there's a message out on customer pick-up and signature requirements? Be sure to eyeball it.Soldiers, before you leave the SSA with your supplies, make sure you Post Good Receipt (PGR) all the items being picked up. The AO will be watching. When...
23-Oct-19	GCSS-Army: Deciphering Document Numbers	https://www.psmagazine.army.mil/News/Article/1996584/gcss-army-deciphering-document-numbers/	GCSS-A documents numbers have 10 digits, but it's the first two digits that indicate the type of transaction taking place: First two digits Description 00 Transfer Order (TO) – Internal SSA movement that transfers an item from bin to bin within the warehouse. 10 Purchase Requirements (PR) – Request for a material pending...
23-Oct-19	CAGE Codes: Find on SAM Website	https://www.psmagazine.army.mil/News/Article/1996707/cage-codes-find-on-sam-website/	Need to look up the POC for a commercial and government entity (CAGE) code quickly without the hassle of registering for an account?Try the System for Award Management (SAM) website. You can use it to look up a CAGE code or POC. https://www.sam.gov/SAM
23-Oct-19	Petroleum Center: All About USAPC	https://www.psmagazine.army.mil/News/Article/1996724/petroleum-center-all-about-usapc/	The US Army Petroleum Center (USAPC) has a website full of info at: https://usapc.army.mil You'll also find them on Facebook: https://facebook.com/usarmypetroleumcenter/
23-Oct-19	Army Sustainment Magazine Goes Quarterly	https://www.psmagazine.army.mil/News/Article/1996736/army-sustainment-magazine-goes-quarterly/	Army Sustainment Professional Bulletin changed its publication frequency from bimonthly to quarterly, earlier this year. The magazine continues to be a valuable source of professional development information for the Army sustainment community. Find the magazine online at: https://www.alu.army.mil/alog

24-Oct-19	GCSS-Army: Can I Assign a Serial Number?	https://www.psmagazine.army.mil/News/Article/1997513/gcss-army-can-i-assign-a-serial-number/	<p>Dear Half-Mast, We have a pallet of new computer monitors sitting in the warehouse. Since they are going to be on our property book, is it OK to assign them serial numbers? SSG D.K. Dear Sergeant, You can't add serial numbers to those monitors without a Serial Number Profile (SNP). We went over how to get a SNP on pages 55-57 of PS 782 (Jan 18). Here's a...</p>
18-Nov-19	POL: How Low Can I Go?	https://www.psmagazine.army.mil/News/Article/2015299/pol-how-low-can-i-go/	<p>Dear Connie, When my unit puts our petroleum equipment in low-usage or administrative storage, am I still required to perform PMCS and conduct filter effectiveness tests (FETs)? SGT B.N. Dear Sergeant, The rules are found in the regs. First, figure out if your unit's equipment even qualifies for low-usage. See Para 4-2 in AR 750-1, Army Materiel...</p>
16-Dec-19	TMs: Readiness By the Book	https://www.psmagazine.army.mil/News/Article/2041049/tms-readiness-by-the-book/	<p>NSN no good? Does FEDLOG claim that PN doesn't exist? Sounds like you may might have a case of outdated TM syndrome! It's not as rare as you might think. Fact is, we get plenty of equipment questions that can be answered by the latest TMs. The puzzler is why the right info isn't getting into the right hands. One reason is that some maintainers don't...</p>

Tools



Date	Article Title	Link	Excerpt
27-Aug-19	SATS: Enjoy a SATS Parts Treasure Hunt!	https://www.psmagazine.army.mil/News/Article/1945324/sats-enjoy-a-sats-parts-treasure-hunt/	<p>In a tool set as huge as the standard auto tool set (SATS), it's sometimes hard to find tool and parts NSNs. Here's a roundup of recent answers to PS reader questions on SATS NSNs: 4-ft ramp, NSN 3990-01-603-1279 14-ft ramp with box, NSN 3990-01-628-2644 14-ft ramp without box, NSN 3990-01-603-1275 guard rails (9 each), NSN...</p>
30-Sep-19	SECM: Get Parts for a Rainy Day	https://www.psmagazine.army.mil/News/Article/1974367/secm-get-parts-for-a-rainy-day/	<p>Dear Half-Mast, Our unit needs help finding NSNs for some parts on the shop equipment, contact maintenance (SECM) truck. First is the rain build-up tube, NSN 4710-01-619-6151. It's shown as Item 13 in Fig 2 of TM 9-4940-574-13&P, but the NSN is a terminal item. Is there a replacement NSN? Second is the rain gutter shown as Item 15 in Fig 2. It has a...</p>
30-Sep-19	UIC: How to Change UIC for TMDE	https://www.psmagazine.army.mil/News/Article/1974427/uic-how-to-change-uic-for-tmde/	<p>Dear Half-Mast, I help support several units as their TMDE liaison. Some of the units are reorganizing and getting new unit identification codes (UICs). And that's causing a problem. I can track their TMDE items using their old UICs and the TMDE app at: https://idmng.armyerp.army.mil/ But our local TMDE shop said they didn't know how to change to.</p>
11-Oct-19	TMDE: Coordinators Now Train Online	https://www.psmagazine.army.mil/News/Article/1986862/tmde-coordinators-now-train-online/	<p>TMDE wants all of its unit support coordinators to take online training, even if they've had local TMDE training. After coordinators have taken the course and passed the five-question test, they'll receive a training certificate by email. Here's how to access the course: Go to https://ellc.learn.army.mil/ and click CAC/PKI Login. Select the...</p>
23-Oct-19	Pallet Jack NSN	https://www.psmagazine.army.mil/News/Article/1996292/pallet-jack-nsn/	<p>Get a new 5,500-lb pallet jack with NSN 3920-01-463-8450. Make sure you get your CO's approval before ordering.</p>

Commo/Electronics



Date	Article Title	Link	Excerpt
22-Jul-19	AN/PVS-14 MNVD: Eyeguard and Eyecup are Different	https://www.psmagazine.army.mil/News/Article/1912169/anpvs-14-mnvd-eyeguard-and-eyecup-are-different/	Page 59 in PS 788 (Jul 18) talked about the importance of replacing missing parts on the AN/ PVS-14 monocular night vision device (MNVD). That includes the eyeguard, NSN 6650-01-444- 1229. One reader thought the part should have referred to the eyeshield (commonly called eyecup), NSN 5855-01-246-8273, since the article showed a helmet-mounted..
28-Aug-19	DAGR: Returns and Replacements	https://www.psmagazine.army.mil/News/Article/1946012/dagr-returns-and-replacements/	Defense Advanced GPS Receivers (DAGRs) give Soldiers an edge in directions. But another kind of direction is needed when it comes to replacing defective or older model DAGRs.CECOM/ILSC (B16) is the source of supply for DAGRs and responsible for their sustainment. The current AN/ PSN-13A's DAGR's NSN is 5825-01-526-4783, LIN N96248. Only unserviceable...
30-Sep-19	AN/VIC 3: Power Cable Sparks Problems	https://www.psmagazine.army.mil/News/Article/1974207/anvic-3-power-cable-sparks-problems/	Although the AN/VIC-3, vehicle intercom system (VIS), has been in the field a long time, there's an ongoing issue with the power cable. If not fixed, it may cause injury and equipment damage. The problem is the power cable can short against various items when not connected to the master control station (MCS) part of the VIS. The MCS is powered from...
30-Sep-19	ECUs/FDECUs: Power Play Turn-in ECUs/FDECUs	https://www.psmagazine.army.mil/News/Article/1974287/ecusfdecus-power-play-turn-in-ecusfdecus/	Units, heed this call! 36K Environmental Control Units (ECUs) and 66K Field Deployable Environmental Control Units (FDECUs) are urgently needed to fill shortages! Routine fielding requirements, disassembly and units sending degraded assets directly to DLA Disposition Services have resulted in a huge reduction in inventory. The vast majority of assets...
30-Sep-19	AN/PSQ-40: Night Vision Viewer TM Debuts	https://www.psmagazine.army.mil/News/Article/1974357/anpsq-40-night-vision-viewer-tm-debuts/	TM 11-5855-341-10 (Mar 19) is the new operator's manual for the AN/PSQ-40 night vision viewer, NSN 5855-01-649-9837.TM distribution is restricted, so you'll need your CAC to log in to: https://idmng.armyerp.army.mil/ Choose the "ETM/IETM" app and search for the TM.

30-Sep-19	AN/GYK-78B(V)3: New CDSS TM Hits Virtual Shelves	https://www.psmagazine.army.mil/News/Article/1974362/angyk-78bv3-new-cdss-tm-hits-virtual-shelves/	11-7010-638-13&P (Apr 19) is the new operator and field maintenance manual, including repair parts and special tools list, for the AN/GYK-78B(V)3 cross domain server set (CDSS), NSN 7010-01-672-9088. TM distribution is restricted, so you'll need to log in with your CAC...
3-Oct-19	MEP-1030 5-kW TQG: Right vs Wrong Cable	https://www.psmagazine.army.mil/News/Article/1978622/mep-1030-5-kw-tqg-right-vs-wrong-cable/	Dear Half-Mast, Our unit received an MEP-1030 5-kW tactical quiet generator (TQG) set, NSN 6115-01-561-7329 (LIN G42488). Included in the set was a cable, NSN 6150-01-586-0026 (PN 04-21228, CAGE 30554). But in WP 0019-3/4 of TM 9-6115-749-10 (Feb 11), the Basic Issue Items (BII) Section lists a paralleling cable, NSN 6150-01-406-9533 (PN 88-22209),...
18-Oct-19	AN/TSC-154A SMART-T: Open Door = Costly Mistake	https://www.psmagazine.army.mil/News/Article/1992224/antsc-154a-smart-t-open-door-costly-mistake/	Dear Editor, I recently investigated an issue with an AN/TSC-154A Secure Mobile Anti-Jam Reliable Terminal-Tactical—SMART-T. It had a digital data transmitter—a DDT—and cable damaged during antenna stowage. This happened because the ground rod cover door was left open during antenna stowage, which allowed the door to catch on the RF-IN cable to the...
18-Oct-19	AN/TPQ-50 Radar: New TM Available	https://www.psmagazine.army.mil/News/Article/1992885/antpq-50-radar-new-tm-available/	TM 11-5840-392-10 (Jun 19) is the new operator's manual for the AN/TPQ-50 radar set, NSN 5840-01-578-4119. TM distribution is restricted, so you'll need to log in with...
21-Oct-19	Radios: Care Keeps Radios Communicating!	https://www.psmagazine.army.mil/News/Article/1994223/radios-care-keeps-radios-communicating/	Dear Editor, Soldiers need reminding that rough treatment can quickly silence radios. If they jam connectors on, twist knobs hard, throw gear around, don't watch where they're stepping, and pile equipment on radios, then they'll soon have a radio that can't communicate. Carefully mate connectors. Don't twist knobs farther than they want to go. Watch...
28-Oct-19	HOT TOPIC: Don't Let AN/PVS-14 Missing Parts Stay Missing	https://www.psmagazine.army.mil/News/Article/2000179/hot-topic-dont-let-anpvs-14-missing-parts-stay-missing/	Units have had a real problem with Soldiers not reporting missing power and gain control knobs from AN/PVS-14 night vision devices. Power or gain knobs disappear? Get them replaced ASAP They keep using the AN/PVS-14 without the knobs and next thing you know the knob shaft is broken. What would have been a cheap repair suddenly becomes an...

18-Nov-19	SMART-T: Get SMART-T Handbook	https://www.psmagazine.army.mil/News/Article/2015274/smart-t-get-smart-t-handbook/	<p>Training Circular (TC) 6-02.21, <i>Secure Mobile Anti-Jam Reliable Tactical-Terminal (SMART-T) Handbook</i> (Jul 19),...</p>
21-Nov-19	MEP-531A: Generator Stud Terminal (Literally)	https://www.psmagazine.army.mil/News/Article/2020004/mep-531a-generator-stud-terminal-literally/	<p>Dear Half-Mast, I'm having trouble finding a valid NSN or PN for the stud terminal on an MEP-531A 2-kW generator. It's listed as Item 11 in Fig 1 of TM 9-6115-673-13&P (Jun 10). Neither the NSN 5940-01-374-3138 or PN 588558-01 listed in the TM show up in the current FEDLOG. Any help is appreciated. SSG C.M. Dear Sergeant, That NSN was cancelled and,...</p>
21-Nov-19	AN/PYQ-10 SKL: Software Updated	https://www.psmagazine.army.mil/News/Article/2023218/anpyq-10-skl-software-updated/	<p>The AN/PYQ-10 simple key loader (SKL), NSNs 5810-01-517-3587 and 5810-01-644-4375, LIN C05002, has newly approved user application software (UAS). The new approved Army baseline and Army approved version is UAS version 11.0. SKL UAS version 12.0 is now an approved version and authorized for use on all SKLs. No SKL versions earlier than 11.0 are...</p>
26-Nov-19	NVGs: Purging Applies to All Units	https://www.psmagazine.army.mil/News/Article/2025911/nvgs-purging-applies-to-all-units/	<p>Dear Half-Mast, I have a question about purging AN/PVS-14 night vision goggles (NVGs). Are the Reserves required to purge semiannually? If so, would we follow the low-usage criteria set in DA Pam 750-8, The Army Maintenance Management System (TAMMS) User's Manual (Aug 05) and AR 750-1, Army Materiel Maintenance Policy (Aug 17)? I assume we wouldn't,...</p>
9-Dec-19	Nett Warrior: Phaseout of C8 Cable	https://www.psmagazine.army.mil/News/Article/2034130/nett-warrior-phaseout-of-c8-cable/	<p>Here's notice to users of Nett Warrior (NW) System A3/S3, NSNs 5895-01-654-8576 and 5895-01-654-8585. The NW C8 direct interface cable, NSN 5995-01-652-5151, is no longer available. The NW C7 direct interface cable, NSN 5995-01-647-6500, replaces it. NW system users with the C8 cable can continue using it until it...</p>
9-Dec-19	AN/PRM-36 Test Set: Substitute Batteries	https://www.psmagazine.army.mil/News/Article/2035767/anprm-36-test-set-substitute-batteries/	<p>We'll make this brief. If you can't find or can't get NSN 6140-01-537-5244 batteries for the AN/PRM-36 test set, order substitute batteries with NSN 6140-01-595-2506 or NSN 6140-01-413-3926.</p>

12-Dec-19	SINCGARS: Simply Stumped	https://www.psmagazine.army.mil/News/Article/2038665/sincgars-simply-stumped/	<p>Dear Connie, After searching the PS Magazine archives and reading through SB 11-131-2, Vehicular Radio Sets and Authorized Installations Volume II (SINCGARS, FHMUX, AND EPLRS) (Sep 05), I'm stumped. I'm looking for the AN/VRC-90F SINCGARS installation kit (IK) for the M983A4, but I was only able to find the NSN for the IK for the M984 and M985.</p>
16-Dec-19	AN/TYC-45V: CWLAN TM Debuts	https://www.psmagazine.army.mil/News/Article/2041012/antyc-45v-cwlan-tm-debuts/	<p>Got CWLAN? If so, TM 11-5895-2080-13&P (Jun 19) is the new operator and field maintenance manual, including RPSTL,...</p>
19-Dec-19	AN/TKQ-5(V)4: Fired Up About ENFIRE	https://www.psmagazine.army.mil/News/Article/2043885/antkq-5v4-fired-up-about-enfire/	<p>A new TM software user's manual (SUM) 5-6675-390-SUM (Apr 19) is available for the AN/TKQ-5(V)4 reconnaissance and surveying instrument set, NSN 6675-01-617-9193. It's commonly referred to as ENFIRE. TM distribution is restricted, so log in with your...</p>
30-Dec-19	AN/FSQ-242: TM Hits the Reading Rack	https://www.psmagazine.army.mil/News/Article/2048199/anfsq-242-tm-hits-the-reading-rack/	<p>TM 11-5895-2076-13&P (Aug 19) is the new operator and field maintenance manual, including RPSTL, for the AN/FSQ-242 digital clock pulse generator synchronizer set, NSN 5895-01-666-9815. It's commonly referred to as the precision timing rack or...</p>