



# 2020 Index Of Online Articles

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PS MAGAZINE ARTICLES  
THAT APPEARED ON OUR  
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**PS Magazine's website has new articles posted almost daily. The Index will be updated monthly. For earlier articles, click on the Archive/Index tab on the website.**

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# Combat Vehicles



Date	Article Title	Link	Excerpt
9-Jan-20	M113A3 FOV: Stamp Out Engine Fires	<a href="https://www.psmagazine.army.mil/News/Article/2052999/m113a3-fov-stamp-out-engine-fires/">https://www.psmagazine.army.mil/News/Article/2052999/m113a3-fov-stamp-out-engine-fires/</a>	Fires in the M113A3 engine compartment are happening way too often. And many of them are preventable. ...
13-Jan-20	M777A2: Solar Charger Keeps Weapon Ready to Fire	<a href="https://www.psmagazine.army.mil/News/Article/2055745/m777a2-howitzer-solar-charger-keeps-weapon-ready-to-fire/">https://www.psmagazine.army.mil/News/Article/2055745/m777a2-howitzer-solar-charger-keeps-weapon-ready-to-fire/</a>	Your M777A2 howitzer operates on a 24 volt system with two (2) 12 volt batteries. Those batteries are crucial to operating the howitzer. Unfortunately, howitzers can spend many days sitting in the motor pool between uses...
13-Jan-20	M777A2: Covers Protect Level Vials	<a href="https://www.psmagazine.army.mil/News/Article/2055796/m777a2-towed-howitzers-covers-protect-level-vials/">https://www.psmagazine.army.mil/News/Article/2055796/m777a2-towed-howitzers-covers-protect-level-vials/</a>	You can keep your M777A2 sights in the fight longer by covering the optical fire control's level vials when they're not in use. The covers help protect the fragile vials from damage and from sunlight that causes premature fading and clouding. ...
15-Jan-20	Stryker: Route Your Way to Good DVE Cable PM	<a href="https://www.psmagazine.army.mil/News/Article/2057123/stryker-route-your-way-to-good-dve-cable-pm/">https://www.psmagazine.army.mil/News/Article/2057123/stryker-route-your-way-to-good-dve-cable-pm/</a>	Your Stryker's driver's vision enhancer (DVE) helps you see your way through tough driving conditions. But if you don't take care of the cable for the DVE, your Stryker becomes NMC! ...
21-Jan-20	Stryker: Start Up and Shutdown by the Book	<a href="https://www.psmagazine.army.mil/News/Article/2060290/stryker-start-up-and-shutdown-by-the-book/">https://www.psmagazine.army.mil/News/Article/2060290/stryker-start-up-and-shutdown-by-the-book/</a>	Your Stryker needs you to do your job so it can do its job. And part of your job is starting up and shutting down your vehicle the right way. That makes sure no critical components are damaged. ...
23-Jan-20	M113A3 FOV: Inspect Personnel Heater Exhaust	<a href="https://www.psmagazine.army.mil/News/Article/2064217/m113a3-fov-inspect-personnel-heater-exhaust/">https://www.psmagazine.army.mil/News/Article/2064217/m113a3-fov-inspect-personnel-heater-exhaust/</a>	The last thing you want during cold weather operations is a leak in your M113A3's personnel heater exhaust piping. ...

30-Jan-20	Combat Vehicles: Always Know the LO	<a href="https://www.psmagazine.army.mil/News/Article/2069723/combat-vehicles-always-know-the-lo/">https://www.psmagazine.army.mil/News/Article/2069723/combat-vehicles-always-know-the-lo/</a>	All lube, engine oil and hydraulic fluid are pretty much the same, right? Actually, no! And getting it wrong can cause some serious damage to your vehicle. ...
31-Jan-20	Stryker: Get Organized with Cargo Nets	<a href="https://www.psmagazine.army.mil/News/Article/2069878/stryker-get-organized-with-cargo-nets/">https://www.psmagazine.army.mil/News/Article/2069878/stryker-get-organized-with-cargo-nets/</a>	Get cargo nets for your Stryker with the NSNs below. The nets fit all Stryker variants, including the double V-hull Stryker. ...
31-Jan-20	M1128 Stryker MGS: A/C PM Keeps Vehicle Combat Ready	<a href="https://www.psmagazine.army.mil/News/Article/2069912/1128-mgs-stryker-ac-pm-keeps-vehicle-combat-ready/">https://www.psmagazine.army.mil/News/Article/2069912/1128-mgs-stryker-ac-pm-keeps-vehicle-combat-ready/</a>	Refrigerant leaks and bad hydraulic fan motor seals can put the air handling units (AHUs) inside the crew compartment of your M1128 MGS Stryker out of action. And that makes your vehicle NMC! ...
6-Feb-20	M113-Series FOV: Tow Cables Only Way to Go!	<a href="https://www.psmagazine.army.mil/News/Article/2075305/m113-series-fov-tow-cables-the-only-way-to-go/">https://www.psmagazine.army.mil/News/Article/2075305/m113-series-fov-tow-cables-the-only-way-to-go/</a>	Be aware that your M113-series carrier can safely tow only up to 14,500 pounds using the pintle and tow bar. In other words, don't attempt to tow another M113-series vehicle using the pintle and tow bar. ...
6-Feb-20	Stryker: Un-Brake Engine Compartment Fires	<a href="https://www.psmagazine.army.mil/News/Article/2075321/stryker-un-brake-engine-compartment-fires/">https://www.psmagazine.army.mil/News/Article/2075321/stryker-un-brake-engine-compartment-fires/</a>	A fire recently broke out in a Stryker's engine compartment during an exercise in Poland. And that's not the first time that an engine compartment fire has recently damaged a Stryker. ...
11-Feb-20	M1087A1 Expansible Van: Keep Floor Tracks Clear and Free	<a href="https://www.psmagazine.army.mil/News/Article/2076895/m1087a1-expansible-van-keep-floor-tracks-clear-and-free/">https://www.psmagazine.army.mil/News/Article/2076895/m1087a1-expansible-van-keep-floor-tracks-clear-and-free/</a>	When extending or compressing your M1087A1 van, make sure there isn't any dirt or debris in the floor tracks. Extending or compressing the van while the floor tracks are blocked can seriously damage the van. ...

2-Feb-20	Stryker: Ramp PM Keeps Vehicle Mission Ready	<a href="https://www.psmagazine.army.mil/News/Article/2081200/stryker-ramp-pm-keeps-vehicle-mission-ready/">https://www.psmagazine.army.mil/News/Article/2081200/stryker-ramp-pm-keeps-vehicle-mission-ready/</a>	Following these tips will help keep your Stryker's ramp working and make sure you and your fellow Soldiers stay safe during operations: ...
10-Mar-20	M1A2 SEPv2 Tank: Don't Make a Battery Mix Up!	<a href="https://www.psmagazine.army.mil/News/Article/2105895/m1a2-sepv2-tank-dont-make-a-battery-mix-up/">https://www.psmagazine.army.mil/News/Article/2105895/m1a2-sepv2-tank-dont-make-a-battery-mix-up/</a>	Can you clarify whether it's OK to mix Hawker with Exide batteries on the M1A2 SepV2 tank? ...
30-Mar-20	M113-Series FOV: CBRN Filter Replacement	<a href="https://www.psmagazine.army.mil/News/Article/2128464/m113-series-fov-cbrn-filter-replacement/">https://www.psmagazine.army.mil/News/Article/2128464/m113-series-fov-cbrn-filter-replacement/</a>	Maintaining your M113-series FOV personnel carrier's CBRN system is vital. Without it, your vehicle is non-mission capable. And you and your fellow Soldiers will be at risk! ...
20-Apr-20	Stryker: Turn In Unserviceable Taillights	<a href="https://www.psmagazine.army.mil/News/Article/2156285/stryker-turn-in-unserviceable-taillights/">https://www.psmagazine.army.mil/News/Article/2156285/stryker-turn-in-unserviceable-taillights/</a>	The repair program for the existing Stryker taillight is in short supply. So if you have any unserviceable taillights, NSN 6220-20-006-6025, turn them in right away. ...
28-Apr-20	A20 Personnel Heater: Regular Inspections Keep Heat On	<a href="https://www.psmagazine.army.mil/News/Article/2165938/a20-personnel-heater-regular-inspections-keep-heat-on/">https://www.psmagazine.army.mil/News/Article/2165938/a20-personnel-heater-regular-inspections-keep-heat-on/</a>	The A20 personnel heater doesn't need scheduled maintenance to work properly. But regularly inspecting the heater will improve its life and performance. ...
28-Apr-20	Stryker: Avoid Ramp Crunch with Proper Washer Placement	<a href="https://www.psmagazine.army.mil/News/Article/2166585/stryker-avoid-ramp-crunch-with-proper-washer-placement/">https://www.psmagazine.army.mil/News/Article/2166585/stryker-avoid-ramp-crunch-with-proper-washer-placement/</a>	Putting the flat washers in the wrong place when reattaching the ramp chains after maintenance could end up damaging the pulley housing. ...

5-May-20	M1134, M1253 Stryker: Avoid a Missile Mishap!	<a href="https://www.psmagazine.army.mil/News/Article/2176470/m1134-m1253-stryker-avoid-a-missile-mishap/">https://www.psmagazine.army.mil/News/Article/2176470/m1134-m1253-stryker-avoid-a-missile-mishap/</a>	Be sure to always conduct the pre-mission GRIPS tests and correct firing sequences for your anti-tank guided missile system (ATGM) Stryker. If you don't, it's possible you could launch an approximately \$200,000 missile by mistake! ...
20-May-20	M113-Series FOV: Transmission Shift Controller Troubleshooting	<a href="https://www.psmagazine.army.mil/News/Article/2192573/m113-series-fov-transmission-shift-controller-troubleshooting/">https://www.psmagazine.army.mil/News/Article/2192573/m113-series-fov-transmission-shift-controller-troubleshooting/</a>	If you suspect that the transmission shift controller in an M113-series vehicle is bad, the procedures outlined in IETM TM 9-2350-277-13&P (Oct 14) will help you troubleshoot the component. But keep in mind that there are two versions of the shift controller. ...
21-May-20	Stryker: Extended Water and Fuel Can Bracket NSNs	<a href="https://www.psmagazine.army.mil/News/Article/2194143/stryker-extended-water-and-fuel-can-bracket-nsns/">https://www.psmagazine.army.mil/News/Article/2194143/stryker-extended-water-and-fuel-can-bracket-nsns/</a>	Extended water and fuel can brackets are now available for the Stryker. The new brackets replace the shorter version of the brackets currently installed on each side of the rear ramp. ...
5-May-20	M113 FOV: Make Sure Bolt is the Right One!	<a href="https://www.psmagazine.army.mil/News/Article/2176534/m113a3-fov-make-sure-bolt-is-the-right-one/">https://www.psmagazine.army.mil/News/Article/2176534/m113a3-fov-make-sure-bolt-is-the-right-one/</a>	You might think one bolt may not make much difference. But the wrong bolt can knock a vehicle out of action in a hurry! ...
29-May-20	CIPs: Telling Friend From Foe Requires Proper Care	<a href="https://www.psmagazine.army.mil/News/Article/2201554/cips-telling-friend-from-foe-requires-proper-care/">https://www.psmagazine.army.mil/News/Article/2201554/cips-telling-friend-from-foe-requires-proper-care/</a>	Combat is dangerous enough without having to worry about being shot at by someone on your own side! That's where combat identification panels (CIPs) come in...
8-Jun-20	M113-Series FOV: Don't Overlook Ramp Maintenance	<a href="https://www.psmagazine.army.mil/News/Article/2211268/m113-series-fov-dont-overlook-ramp-maintenance/">https://www.psmagazine.army.mil/News/Article/2211268/m113-series-fov-dont-overlook-ramp-maintenance/</a>	There are far too many seriously damaged rear ramps in M113-series vehicles. This costs units money and decreases combat readiness! ...

16-Jun-20	M1252 Stryker: Clean and Lube Cannon Tube	<a href="https://www.psmagazine.army.mil/News/Article/2221395/m1252-stryker-clean-and-lube-cannon-tube/">https://www.psmagazine.army.mil/News/Article/2221395/m1252-stryker-clean-and-lube-cannon-tube/</a>	Crewmen, the recoilless mortar system (RMS6-L) on your M1252 Stryker mortar carrier needs a lot of care so it can keep throwing rounds down range. ...
17-Jun-20	M113A3-Series FOV: Troubleshoot with Both TMs	<a href="https://www.psmagazine.army.mil/News/Article/222954/m113a3-series-fov-troubleshoot-with-both-tms/">https://www.psmagazine.army.mil/News/Article/222954/m113a3-series-fov-troubleshoot-with-both-tms/</a>	When you're diagnosing engine problems in an M113-series vehicle, save yourself a lot of trouble and your unit a lot of money by following not only the troubleshooting procedures in TM 9-2350-277-13&P (IETM EM 0321, Oct 14), but also those in TM 9-2815-205-24 (Feb 13). ...
17-Jun-20	M113A3-Series FOV: Rear Ramp Cable Repair Kits	<a href="https://www.psmagazine.army.mil/News/Article/223001/m113a3-series-fov-rear-ramp-cable-repair-kits/">https://www.psmagazine.army.mil/News/Article/223001/m113a3-series-fov-rear-ramp-cable-repair-kits/</a>	On the M113A3 FOV, it's important not to replace individual parts on the rear ramp cable system unless the cable repair kit has already been installed. Otherwise, old and new parts will be mixed. ...
27-Jun-20	M1-Series Tanks: Improved Mine Clearing Blade Emergency Lifting Strap	<a href="https://www.psmagazine.army.mil/News/Article/2232688/m1-series-tanks-improved-mine-clearing-blade-emergency-lifting-strap/">https://www.psmagazine.army.mil/News/Article/2232688/m1-series-tanks-improved-mine-clearing-blade-emergency-lifting-strap/</a>	There's an improved version of the emergency lifting strap, NSN 2590-01-278-5726, PN 13228E6020, for the M1-series tank's mine clearing blade, NSN 2590-01-230-8862. ...
1-Jul-20	M88A2 Recovery Vehicles: Fender Mount Upgrade Kit	<a href="https://www.psmagazine.army.mil/News/Article/22243927/m88a2-recovery-vehicles-fender-mount-upgrade-kit/">https://www.psmagazine.army.mil/News/Article/22243927/m88a2-recovery-vehicles-fender-mount-upgrade-kit/</a>	Mechanics, there's a new rear fender mount upgrade kit available for your M88A2 recovery vehicle.
15-Jul-20	M88A2 Recovery Vehicle: New Auxiliary Winch Cover	<a href="https://www.psmagazine.army.mil/News/Article/22274082/m88a2-recovery-vehicle-new-auxiliary-winch-cover/">https://www.psmagazine.army.mil/News/Article/22274082/m88a2-recovery-vehicle-new-auxiliary-winch-cover/</a>	Mechanics, there's a lightweight, flexible cover available for your M88A2 recovery vehicle's auxiliary winch.



17-Jul-20	Stryker: Inspect and Tighten Commander's Hatch Hinge Bolts	<a href="https://www.psmagazine.army.mil/News/Article/2277325/stryker-inspect-and-tighten-commanders-hatch-hinge-bolts/">https://www.psmagazine.army.mil/News/Article/2277325/stryker-inspect-and-tighten-commanders-hatch-hinge-bolts/</a>	The outboard side of the 1128 MGS Stryker commander's hatch hinge has four (4) bolts that can loosen from vibrations during normal vehicle operations.
28-Jul-20	M88A2 Recovery Vehicles: New Brake Modulation Valve	<a href="https://www.psmagazine.army.mil/News/Article/2290759/m88a2-recovery-vehicles-new-brake-modulation-valve/">https://www.psmagazine.army.mil/News/Article/2290759/m88a2-recovery-vehicles-new-brake-modulation-valve/</a>	Mechanics, a new brake modulation valve is available for the M88A2 recovery vehicle.
14-Aug-20	M88A2 Recovery Vehicle: Auxiliary Winch Cover NSN	<a href="https://www.psmagazine.army.mil/News/Article/2313145/m88a2-recovery-vehicle-auxiliary-winch-cover-nsn/">https://www.psmagazine.army.mil/News/Article/2313145/m88a2-recovery-vehicle-auxiliary-winch-cover-nsn/</a>	Get a lightweight, flexible cover for your M88A2 recovery vehicle's auxiliary winch with NSN 2590-01-689-4235.
8-Sep-20	M1-Series Tanks, ABV and Wolverine: Replace DECU Backup Battery	<a href="https://www.psmagazine.army.mil/News/Article/2325937/m1-series-tanks-abv-and-wolverine-replace-decu-backup-battery/">https://www.psmagazine.army.mil/News/Article/2325937/m1-series-tanks-abv-and-wolverine-replace-decu-backup-battery/</a>	DSESTS personnel might not know they can replace the DECU backup battery instead of replacing the entire DECU. Like it says in WP-0164 of TM 9-2350-388-40-1 (Feb 09), DSESTS personnel can replace the backup battery and mandatory replacement parts, test the DECU, then return it to the unit.
27-Aug-20	Strykers: Stay on Top of Cannon Tube Record Keeping	<a href="https://www.psmagazine.army.mil/News/Article/2336100/strykers-stay-on-top-of-cannon-tube-record-keeping/">https://www.psmagazine.army.mil/News/Article/2336100/strykers-stay-on-top-of-cannon-tube-record-keeping/</a>	Units should keep in mind that good recordkeeping is essential for making sure their M1129A1 MCV, M1251A1 MCVV and M1252 MCVV Stryker's mortar carrier RMS6-L cannon tubes are ready for training and combat duty...
24-Sep-20	M777A2 Howitzer: Solar Charger NSNs	<a href="https://www.psmagazine.army.mil/News/Article/2359855/m777a2-howitzer-solar-charger-nsns/">https://www.psmagazine.army.mil/News/Article/2359855/m777a2-howitzer-solar-charger-nsns/</a>	Keep the two (2) 12-volt batteries in the M777A2 howitzer's 24 volt system fully charged with the solar charger...

24-Sep-20	Stryker: Extended Fuel/Water Can Bracket NSNs	<a href="https://www.psmagazine.army.mil/News/Article/2360217/stryker-extended-fuelwater-can-bracket-nsns/">https://www.psmagazine.army.mil/News/Article/2360217/stryker-extended-fuelwater-can-bracket-nsns/</a>	For extended water and fuel cans on Strykers, get right-side brackets with NSN 2590-20-012-4032 and left-side brackets with NSN 2590-20-012-5574. If you didn't know, the "extended" refers to the brackets being able to hold more cans than the original brackets. ...
2-Oct-20	M153 CROWS II: Cover NSNs	<a href="https://www.psmagazine.army.mil/News/Article/2368705/m153-crows-ii-cover-nsns/">https://www.psmagazine.army.mil/News/Article/2368705/m153-crows-ii-cover-nsns/</a>	Protect your common remotely operated weapons station (CROWS) II from the elements by keeping it covered with the tan cover, NSN 5340-25-162-1081, or the green cover, NSN 5340-25-162-0697...
21-Oct-20	Stryker: Protect Vehicle from Extreme Cold	<a href="https://www.psmagazine.army.mil/News/Article/2388167/stryker-protect-vehicle-from-extreme-cold/">https://www.psmagazine.army.mil/News/Article/2388167/stryker-protect-vehicle-from-extreme-cold/</a>	Parking your Stryker overnight or longer in below zero temps can take a toll on your vehicle. Here are some things you can do to protect your Stryker from biting cold temps and make sure it's ready for the next mission...
22-Oct-20	M113A3 FOV: Inspect Rebuilt Engines for Proper Belt Tension	<a href="https://www.psmagazine.army.mil/News/Article/2390564/m113a3-fov-inspect-rebuilt-engines-for-proper-belt-tension/">https://www.psmagazine.army.mil/News/Article/2390564/m113a3-fov-inspect-rebuilt-engines-for-proper-belt-tension/</a>	Reading and heeding this article can save your unit \$46,000! Be aware that some units are receiving rebuilt M113A3 engines from the supply system with coolant pump belts that aren't properly adjusted, resulting in overheating engines and even engine fires...
3-Nov-20	AVLB: Heavy Assault Scissoring Bridge Upgraded Weight Limit	<a href="https://www.psmagazine.army.mil/News/Article/2403317/avlb-heavy-assault-scissoring-bridge-upgraded-weight-limit/">https://www.psmagazine.army.mil/News/Article/2403317/avlb-heavy-assault-scissoring-bridge-upgraded-weight-limit/</a>	Heads up! Army engineers have upgraded the allowable weight limit for the heavy assault scissoring bridge (HASB). The new HASB military load class (MLC) rating has been upgraded from MLC 95 to MLC 115 (MLC 120 for caution crossing)...
6-Nov-20	M1128 MGS Stryker: Protect HIRE Shipping Container From the Elements	<a href="https://www.psmagazine.army.mil/News/Article/2404961/m1128-mgs-stryker-protect-hire-shipping-container-from-the-elements/">https://www.psmagazine.army.mil/News/Article/2404961/m1128-mgs-stryker-protect-hire-shipping-container-from-the-elements/</a>	When you order and receive a Hughes Infra-Red Equipment (HIRE) sensor, NSN 6650-01-599-6753, for your M1128 MGS Stryker, do not store the cardboard shipping container outside where it can get wet from rain, sleet or snow!...

17-Nov-20	UTAP: You're Just a Click Away!	<a href="https://www.psmagazine.army.mil/News/Article/2417978/utap-youre-just-a-click-away/">https://www.psmagazine.army.mil/News/Article/2417978/utap-youre-just-a-click-away/</a>	<p>This article initially appeared in PS 798 (May 19), p. 20-21. TACOM's Unit Training Assistance Program, UTAP, provides approved training materials for a variety of TACOM-managed equipment...</p>
2-Dec-20	M1A2 SEPV3 Tank: Keep Engine Timer Powered Up	<a href="https://www.psmagazine.army.mil/News/Article/2430790/m1a2-sepv3-tank-keep-engine-timer-powered-up/">https://www.psmagazine.army.mil/News/Article/2430790/m1a2-sepv3-tank-keep-engine-timer-powered-up/</a>	<p>Crewmen, it's critical that you make sure circuit breaker 1 (CB1) on your M1A2 SEPV3 tank's power interface box (PIB) is turned on at all times. Why? Because the timer that records how many hours your tank's engine has run is powered by the engine memory unit (EMU) harness connected to the PIB...</p>
23-Dec-20	PS Magazine: Help Us Help You	<a href="https://www.psmagazine.army.mil/News/Article/2455770/ps-magazine-help-us-help-you/">https://www.psmagazine.army.mil/News/Article/2455770/ps-magazine-help-us-help-you/</a>	<p>Each day, emails from Soldiers and DoD civilians all over the world come into PS Magazine seeking answers to challenges they're facing while maintaining their vehicles and equipment.</p>

# Tactical Vehicles



Date	Article Title	Link	Excerpt
28-Jan-20	PLS Maintenance Question?	<a href="https://www.psmagazine.army.mil/News/Article/2066684/pls-maintenance-question/">https://www.psmagazine.army.mil/News/Article/2066684/pls-maintenance-question/</a>	Have a repair part, TM or general maintenance question about the PLS and PLS trailers? Get an answer from the PLS equipment specialists at TACOM LCMC. Just send an email to: usarmy.detroit.tacom.mbx.ilsc-pls2@mail.mil ...
29-Jan-20	M989A1 HEMAT Shock Absorber NSN	<a href="https://www.psmagazine.army.mil/News/Article/2067905/m989a1-hemat-shock-absorber-nsn/">https://www.psmagazine.army.mil/News/Article/2067905/m989a1-hemat-shock-absorber-nsn/</a>	M989A1 HEMAT Use NSN 2510-01-674-7408 to get a shock absorber for the 11-ton heavy expanded mobile ammunition trailer (HEMAT). This NSN replaces NSN 2510-01-289-8286 shown as Item 2 in Fig 22 of TM 9-2330-383-14&P (Dec 91, w/Ch 1, Jan 02)...
5-Feb-20	HMMWV: Slave Start = Smart Start	<a href="https://www.psmagazine.army.mil/News/Article/2074461/hmmwv-slave-start-smart-start/">https://www.psmagazine.army.mil/News/Article/2074461/hmmwv-slave-start-smart-start/</a>	This article initially appeared in Issue PS 804, pages 10 - 12...
11-Feb-20	MHE: POCs for Help	<a href="https://www.psmagazine.army.mil/News/Article/2080621/mhe-pocs-for-help/">https://www.psmagazine.army.mil/News/Article/2080621/mhe-pocs-for-help/</a>	For logistics support of material handling equipment (MHE), such as forklifts, container handlers and cranes, contact the MHE team mailbox at: usarmy.detroit.tacom.mbx.ilsc-mhe@mail.mil For maintenance issues, contact the MHE maintenance team...
28-Feb-20	M967A1 Fuel Tanker: Vapor Integrity Test Set	<a href="https://www.psmagazine.army.mil/News/Article/2096692/m967a1-fuel-tanker-vapor-integrity-test-set/">https://www.psmagazine.army.mil/News/Article/2096692/m967a1-fuel-tanker-vapor-integrity-test-set/</a>	Get a vapor integrity test set that's used on the 5,000-gal fuel tankers with NSN 2590-01-438-8806. A breakdown of the test set is shown in TM 9-2330-339-23&P (Dec 15), but the NSN is missing, and the part number for the set in the TM is...
26-Mar-20	Wheeled Vehicles: Dry Lead-Acid Batteries No Longer Supported in CONUS	<a href="https://www.psmagazine.army.mil/News/Article/2126804/wheeled-vehicles-dry-lead-acid-batteries-no-longer-supported-in-conus/">https://www.psmagazine.army.mil/News/Article/2126804/wheeled-vehicles-dry-lead-acid-batteries-no-longer-supported-in-conus/</a>	The following dry lead-acid batteries for the Army's wheeled-vehicle fleet are now obsolete: ...

7-May-20	JLTV: Door Hazard Requires Caution	<a href="https://www.psmagazine.army.mil/News/Article/2178518/jltv-door-hazard-requires-caution/">https://www.psmagazine.army.mil/News/Article/2178518/jltv-door-hazard-requires-caution/</a>	Gamache Soldiers are understandably excited to use the new Joint Light Tactical Vehicle (JLTV), the Army's replacement for the HMMWV. But don't let the excitement cloud this caution: use the handhold bar, not the B-pillar, when entering and exiting the JLTV! ...
7-May-20	LTAS FMTV: Restraint System Pull Tab	<a href="https://www.psmagazine.army.mil/News/Article/2180066/ltas-fmtv-restraint-system-pull-tab/">https://www.psmagazine.army.mil/News/Article/2180066/ltas-fmtv-restraint-system-pull-tab/</a>	Say it once, say it twice. Make sure the driver's side restraint system is inside the cab before shutting the door. It's no secret the belt's restraint latch can easily get slammed between the door and door jam. This not only damages the door and jam, but the heavy doors often ruin the safety pull tab (latch guard)...
11-May-20	HMMWV: Kinks Offer Hose Protection	<a href="https://www.psmagazine.army.mil/News/Article/2183291/hmmwv-kinks-offer-hose-protection/">https://www.psmagazine.army.mil/News/Article/2183291/hmmwv-kinks-offer-hose-protection/</a>	Dear Half-Mast, I'm trying to find an NSN for the metal cover designed to protect the upper radiator hose from damage by the generator belts. But I've had no luck finding it in the IETM, TM 9-2320-280-13&P. Can you help? ...
20-May-20	FMTV: M1082/M1095 Wheel Assembly Updated NSN	<a href="https://www.psmagazine.army.mil/News/Article/2192484/fmtv-m1082m1095-wheel-assembly-updated-nsn/">https://www.psmagazine.army.mil/News/Article/2192484/fmtv-m1082m1095-wheel-assembly-updated-nsn/</a>	The NSN listed for the wheel assembly on the FMTV's M1082 2 1/2-ton and M1095 5-ton cargo trailers on Page 13 of PS 766 (Sept 16) is wrong. NSN 2530-01-500-4619 gets the wheel assembly for both trailers. And use NSN 2530-01-542-7405 to get the wheel assembly for the...
29-May-20	CIPs: Telling Friend from Foe Requires Proper Care	<a href="https://www.psmagazine.army.mil/News/Article/2201554/cips-telling-friend-from-foe-requires-proper-care/">https://www.psmagazine.army.mil/News/Article/2201554/cips-telling-friend-from-foe-requires-proper-care/</a>	Combat is dangerous enough without having to worry about being shot at by someone on your own side! That's where combat identification panels (CIPs) come in. What are CIPs? CIPs are 24 x 30-in panels that help protect you from friendly fire. They're covered with a special thermal tape. When mounted on the...
12-Jun-20	PS Magazine: 2019 Index of Online Articles	<a href="https://www.psmagazine.army.mil/News/Article/2217806/ps-magazine-2019-index-of-online-articles/">https://www.psmagazine.army.mil/News/Article/2217806/ps-magazine-2019-index-of-online-articles/</a>	Some of our readers have asked for an index of the latest articles. We listened and created a 2019 PS index. It has all the PS Magazine articles that appeared on our website starting in mid-2019...

23-Jun-20	Wheeled Vehicles: HTV Computer-Based Training Available	<a href="https://www.psmagazine.army.mil/News/Article/2228925/wheeled-vehicles-htv-computer-based-training-available/">https://www.psmagazine.army.mil/News/Article/2228925/wheeled-vehicles-htv-computer-based-training-available/</a>	Soldiers, the Product Manager Heavy Tactical Vehicles (PM HTV) Distance Learning Center provides computer-based sustainment training for many systems, including HEMTT A4, M1120A4 load handling system (LHS), M983A4 light equipment transporter, M984A4 wrecker and M985A4 GMT crane, ...
25-Jun-20	M997A3 HMMWV: Serpentine Belt NSN	<a href="https://www.psmagazine.army.mil/News/Article/2232237/m997a3-hmmwv-serpentine-belt-nsn/">https://www.psmagazine.army.mil/News/Article/2232237/m997a3-hmmwv-serpentine-belt-nsn/</a>	Dear Half-Mast, I need a serpentine belt for the engine in my M997A3 HMMWV ambulance but can't find the NSN. Can you help me out?...
30-Jun-20	Up-armored HMMWV: IVEE Windshield NSN Replacement	<a href="https://www.psmagazine.army.mil/News/Article/2242290/up-armored-hmmwv-ivee-windshield-nsn-replacement/">https://www.psmagazine.army.mil/News/Article/2242290/up-armored-hmmwv-ivee-windshield-nsn-replacement/</a>	The up-armored HMMWV's improved vehicle emergency egress (IVEE) left-hand windshield, NSN 2541-01-560-7677, and right-hand windshield, NSN 2541-01-560-7680, have been canceled by TACOM...
1-Jul-20	M915A5 Truck: VORAD Sensor NSNs	<a href="https://www.psmagazine.army.mil/News/Article/2243033/m915a5-truck-vorad-sensor-nsns/">https://www.psmagazine.army.mil/News/Article/2243033/m915a5-truck-vorad-sensor-nsns/</a>	You can no longer get the M915A5 tractor truck's vehicle on-board radar (VORAD) sensor and bracket, NSN 5340-01-576-5334, as a single item. Instead, you'll need to order the sensor and bracket separately...
9-Jul-20	M1101/M1102 Trailers: Landing Leg Wheels Update	<a href="https://www.psmagazine.army.mil/News/Article/2267998/m1101m1102-trailers-landing-leg-wheels-update/">https://www.psmagazine.army.mil/News/Article/2267998/m1101m1102-trailers-landing-leg-wheels-update/</a>	The single pin caster wheels for the M1101/M1102 trailer's landing legs have been replaced by a 4-bolt caster, with the same NSN 5340-01-611-2350. This 4-bolt caster appears as Item 7 of Group 1507 in TM 9-2330-392-13&P (Dec 12)...
27-Jul-20	HMMWV: Troop Seat Interface Kit Canvas NSN Update	<a href="https://www.psmagazine.army.mil/News/Article/2289039/hmmwv-troop-seat-interface-kit-canvas-nsn-update/">https://www.psmagazine.army.mil/News/Article/2289039/hmmwv-troop-seat-interface-kit-canvas-nsn-update/</a>	A unit recently searched IETM 9-2320-387-24P (Mar 14) for the canvas piece that's part of the troop seat interface kit. But when they ordered NSN 5325-01-628-4842 shown as Item 17 of Fig 405, only the hook and loop fastener arrived...

28-Jul-20	Up-armored HMMWV: ABS/ESC Maintenance Info	<a href="https://www.psmagazine.army.mil/News/Article/2290416/up-armored-hmmwv-absesc-maintenance-info/">https://www.psmagazine.army.mil/News/Article/2290416/up-armored-hmmwv-absesc-maintenance-info/</a>	Up-armored HMMWV (UAH) vehicles with antilock braking system/electronic stability control (ABS/ESC) were fielded in 2019. ABS/ESC makes your unit's HMMWVs safer, enhances handling during emergency braking and ...
29-Jul-20	M967A2/M969A2 Fuel Tankers: NSNs for Junction Box Gaskets	<a href="https://www.psmagazine.army.mil/News/Article/2291340/m967a2m969a2-fuel-tankers-nsns-for-junction-box-gaskets/">https://www.psmagazine.army.mil/News/Article/2291340/m967a2m969a2-fuel-tankers-nsns-for-junction-box-gaskets/</a>	On the M967A2 and M969A2 fuel tanker's front roadside is a junction box where the light cable from the prime mover plugs in. There are gaskets that fit between the junction box and its access plates, but NSNs weren't assigned...
11-Aug-20	JLTV: Disconnect AFES Before Maintenance	<a href="https://www.psmagazine.army.mil/News/Article/2309029/jltv-disconnect-afes-before-maintenance/">https://www.psmagazine.army.mil/News/Article/2309029/jltv-disconnect-afes-before-maintenance/</a>	If you operate or maintain a Joint Light Tactical Vehicle (JLTV), be aware that the automatic fire extinguishing system (AFES) can accidentally discharge during vehicle maintenance. There are even reports of Soldiers being injured by accidental discharges!...
21-Aug-20	HMMWV: Troubleshooting 4L80E and 4L85E Transmissions	<a href="https://www.psmagazine.army.mil/News/Article/2319885/hmmwv-troubleshooting-4l80e-and-4l85e-transmissions/">https://www.psmagazine.army.mil/News/Article/2319885/hmmwv-troubleshooting-4l80e-and-4l85e-transmissions/</a>	Dear Half-Mast, I'm trying to find the latest troubleshooting information for the HMMWV's 4L80E and 4L85E transmissions. I'm hoping you can either help me out or point me in the right direction...
24-Sep-20	5K LCRT Forklift: Tarp NSN	<a href="https://www.psmagazine.army.mil/News/Article/2360324/5k-lcrt-forklift-tarp-nsn/">https://www.psmagazine.army.mil/News/Article/2360324/5k-lcrt-forklift-tarp-nsn/</a>	Use tarp, NSN 9390-01-645-8905, to help reduce corrosion on the Light Capability Rough Terrain Forklift (LCRTF), NSN 3939-01-599-9978 (LIN L05010), during long-term storage. Questions?...
30-Sep-20	M-ATV/MRAP: Better Check Your Optima® Batteries	<a href="https://www.psmagazine.army.mil/News/Article/2366426/m-atvmrap-better-check-your-optimabatteries/">https://www.psmagazine.army.mil/News/Article/2366426/m-atvmrap-better-check-your-optimabatteries/</a>	Does your unit's MRAPs include M-ATVs? Heads up! You're no longer able to order the Optima® REDTOP® battery, NSN 6140-01-534-6466, according to TACOM LCMC Maintenance Information Message (MIM) 20-040...



13-Oct-20	JLTV: Training Videos for Operators and Maintainers	<a href="https://www.psmagazine.army.mil/News/Article/2376277/jltv-training-videos-for-operators-and-maintainers/">https://www.psmagazine.army.mil/News/Article/2376277/jltv-training-videos-for-operators-and-maintainers/</a>	Does your unit have Joint Light Tactical Vehicles (JLTVs)? Videos offering refresher training on critical tasks for both operators and maintainers are in the works...
14-Oct-20	M149A2, M1112: Water Trailer Tank Heater	<a href="https://www.psmagazine.army.mil/News/Article/2381536/m149a2-m1112-water-trailer-tank-heater/">https://www.psmagazine.army.mil/News/Article/2381536/m149a2-m1112-water-trailer-tank-heater/</a>	The following brief initially appeared in PS 790 (Sep 18), p. 61. Get a new Active Gear Co. diesel heater kit for the water tanks on your M149A2 and M1112 trailers with NSN 2990-20-005-7263. This heater kit replaces the old M67 immersion heater, comes mostly assembled and is easy for field maintenance to install...
15-Oct-20	HMMWV: Taking Measures to Reduce the Risk of Rollover Accidents	<a href="https://www.psmagazine.army.mil/News/Article/2383099/hmmwv-taking-measures-to-reduce-the-risk-of-rollover-accidents/">https://www.psmagazine.army.mil/News/Article/2383099/hmmwv-taking-measures-to-reduce-the-risk-of-rollover-accidents/</a>	Soldiers, HMMWV rollover accidents happen, but you can decrease the likelihood by taking the steps outlined in this article...
22-Oct-20	M1151A1 HMMWV: A/C Hose Orders	<a href="https://www.psmagazine.army.mil/News/Article/2389609/m1151a1-hmmwv-ac-hose-orders/">https://www.psmagazine.army.mil/News/Article/2389609/m1151a1-hmmwv-ac-hose-orders/</a>	Soldiers, if you're having trouble ordering an air conditioning hose, NSN 4720-01-656-9748, for the M1151A1 HMMWV, there's a reason why...
27-Oct-20	FMTV: Which Starter Should I Use?	<a href="https://www.psmagazine.army.mil/News/Article/2395172/fmtv-which-starter-should-i-use/">https://www.psmagazine.army.mil/News/Article/2395172/fmtv-which-starter-should-i-use/</a>	Dear Half-Mast, I've had a couple units requisition starters for the A1-series FMTV, and the starter is different than the one in the vehicle. Can you explain why this is? I sure can! Read on to find out why. ...
28-Oct-20	MRAP M-ATV: NSN for Air Dryer	<a href="https://www.psmagazine.army.mil/News/Article/2396602/mrap-m-atv-nsn-for-air-dryer/">https://www.psmagazine.army.mil/News/Article/2396602/mrap-m-atv-nsn-for-air-dryer/</a>	Dear Half-Mast, we're having some problems ordering an air dryer for our M-ATVs. We could sure use a good NSN for this part. Can you please help? Don't worry! I got you covered. Read on to get the information you need. ...

28-Oct-20	MRAP M-ATV: PM for Hard Steering	<a href="https://www.psmagazine.army.mil/News/Article/2397343/mrap-m-atv-pm-for-hard-steering/">https://www.psmagazine.army.mil/News/Article/2397343/mrap-m-atv-pm-for-hard-steering/</a>	<p>Operators, it's hard to turn the M-ATV's steering wheel, especially when the vehicle has been sitting for a while. That's because wet sand and mud corrode the steering wheel shaft where it mounts into the cab's floor. Here's what your mechanic can do to improve steering...</p>
29-Oct-20	HMMWV: Turn Signal Switch LED Light	<a href="https://www.psmagazine.army.mil/News/Article/2397374/hmmwv-turn-signal-switch-led-light/">https://www.psmagazine.army.mil/News/Article/2397374/hmmwv-turn-signal-switch-led-light/</a>	<p>Mechanics, have you tried installing the new LED headlight kit on your M1151A1 HMMWVs and noticed the only way the turn signal works is with the bulb taken out of the turn signal switch? That's because there's a problem that prevents the switch light from working when converting the...</p>
17-Nov-20	UTAP: You're Just a Click Away!	<a href="https://www.psmagazine.army.mil/News/Article/2417978/utap-youre-just-a-click-away/">https://www.psmagazine.army.mil/News/Article/2417978/utap-youre-just-a-click-away/</a>	<p>This article initially appeared in PS 798 (May 19), p. 20-21. TACOM's Unit Training Assistance Program, UTAP, provides approved training materials for a variety of TACOM-managed equipment...</p>
17-Nov-20	M1142 TFFT: Don't Get Left in the Cold	<a href="https://www.psmagazine.army.mil/News/Article/2417823/m1142-tfft-dont-get-left-in-the-cold/">https://www.psmagazine.army.mil/News/Article/2417823/m1142-tfft-dont-get-left-in-the-cold/</a>	<p>If you have an M1142 Tactical Fire Fighting Truck (TFFT), listen up! TFFTs need your special attention when it gets cold outside because they're highly vulnerable to problems like frozen valves, drains and tanks.</p>
20-Nov-20	M967A1/M969A1/M969A2 Fuel Tankers: Onan Glow Plugs	<a href="https://www.psmagazine.army.mil/News/Article/2423063/m967a1m969a1m969a2-fuel-tankers-onan-glow-plugs/">https://www.psmagazine.army.mil/News/Article/2423063/m967a1m969a1m969a2-fuel-tankers-onan-glow-plugs/</a>	<p>If you have any M967A1, M969A1 or M969A2 fuel tankers in your unit, including armored models, and they still have the original Onan engine, here's some news for you. Read on for the news...</p>
25-Nov-20	M200A1 Trailer: Brake Shoe Update	<a href="https://www.psmagazine.army.mil/News/Article/2428195/m200a1-trailer-brake-shoe-update/">https://www.psmagazine.army.mil/News/Article/2428195/m200a1-trailer-brake-shoe-update/</a>	<p>Maintainers, if you have an M200A1 trailer, this little workhorse has an important brake shoe update that's not in TM 9-2330-205-13&amp;P (Sep 14). The roadside brake shoe (with emergency brake link), NSN 2530-00-774-9401, has been discontinued. Read on for the fix...</p>

27-Nov-20	FMTV/HIMARS: Driveshaft U-Joint Kit	<a href="https://www.psmagazine.army.mil/News/Article/2428749/fmtvhimars-driveshaft-u-joint-kit/">https://www.psmagazine.army.mil/News/Article/2428749/fmtvhimars-driveshaft-u-joint-kit/</a>	Do you need a U-joint kit for the driveshaft on your unit's FMTVs or HIMARSs? You can order it using NSN 2520-01-657-8029. Read on for installation tips...
30-Nov-20	HMMWV: Fuel Tank Straps and Bolts	<a href="https://www.psmagazine.army.mil/News/Article/2411636/hmmwv-fuel-tank-straps-and-bolts/">https://www.psmagazine.army.mil/News/Article/2411636/hmmwv-fuel-tank-straps-and-bolts/</a>	Maintainers, does the spacing between the fuel tank straps on your HMMWVs have you scratching your head? If so, you've likely noticed differences between the spacing on your truck and what's prescribed in TM 9-2320-387-13&P (Mar 14)...
30-Nov-20	HMMWV: Transmission Failure Fix	<a href="https://www.psmagazine.army.mil/News/Article/2429344/hmmwv-transmission-failure-fix/">https://www.psmagazine.army.mil/News/Article/2429344/hmmwv-transmission-failure-fix/</a>	Dear Half Mast, The unit I'm with has eight (8) M1165 HMMWVs. The transmissions are completely burned out in five (5) of the vehicles after only being driven 300 miles annually. Are there any updates or known issues with these variants and if so, is there a solution? ...
3-Dec-20	HMMWV: Lower Front Ball Joint Mounting Bolts	<a href="https://www.psmagazine.army.mil/News/Article/2432586/hmmwv-lower-front-ball-joint-mounting-bolts/">https://www.psmagazine.army.mil/News/Article/2432586/hmmwv-lower-front-ball-joint-mounting-bolts/</a>	Dear Half-Mast, I've been working on an M1097R1 HMMWV for my unit. I noticed that outer cap screws are installed from the top down and inner cap screws are installed from the bottom up just on the lower front ball joint...I'm hoping you can tell me the correct way the screw caps should be installed. ...
3-Dec-20	FMTV: Dump Truck Tailgate Regulating Valve	<a href="https://www.psmagazine.army.mil/News/Article/2433430/fmtv-dump-truck-tailgate-regulating-valve/">https://www.psmagazine.army.mil/News/Article/2433430/fmtv-dump-truck-tailgate-regulating-valve/</a>	Dear Half-Mast, I need to order a tailgate regulating valve for an M1157A1P2 FMTV 10-ton dump truck. Can you help me out with a good NSN? Got you covered, read on for the NSN and a good tip...
8-Dec-20	HMMWV: Preparing for Winter Driving	<a href="https://www.psmagazine.army.mil/News/Article/2438759/hmmwv-preparing-for-winter-driving/">https://www.psmagazine.army.mil/News/Article/2438759/hmmwv-preparing-for-winter-driving/</a>	A properly maintained and safely driven HMMWV is your first line of defense in cold weather. But freezing temperatures add another layer to already tough conditions...

9-Dec-20	Windshield Washer Fluid	<a href="https://www.psmagazine.army.mil/News/Article/2440738/windshield-washer-fluid/">https://www.psmagazine.army.mil/News/Article/2440738/windshield-washer-fluid/</a>	This article initially appeared in PS 615 (Feb 04), p. 60. To make windshield washer fluid, use NSN 6850-00-926-2275 to get a case of twelve 16-oz bottles of concentrated windshield cleaning compound...
9-Dec-20	Battery Box Coating Compound	<a href="https://www.psmagazine.army.mil/News/Article/2440878/battery-box-coating-compound/">https://www.psmagazine.army.mil/News/Article/2440878/battery-box-coating-compound/</a>	This article initially appeared in PS 745 (May 17), p. 61. If the interior coating on your vehicle's battery box is wearing out, you'll need to recoat it. Use a wire brush to scrape off rust and old paint. Then, after cleaning, protect the box by brushing on a coat of bituminous coating compound...
23-Dec-20	PLS: Got a Maintenance Question?	<a href="https://www.psmagazine.army.mil/News/Article/2455883/pls-got-a-maintenance-question/">https://www.psmagazine.army.mil/News/Article/2455883/pls-got-a-maintenance-question/</a>	Got a maintenance question about the palletized loading system (PLS)? If so, the PLS team at TACOM has the answer. Here's how to contact them...
23-Dec-20	PS Magazine: Help Us Help You	<a href="https://www.psmagazine.army.mil/News/Article/2455770/ps-magazine-help-us-help-you/">https://www.psmagazine.army.mil/News/Article/2455770/ps-magazine-help-us-help-you/</a>	Each day, emails from Soldiers and DoD civilians all over the world come into PS Magazine seeking answers to challenges they're facing while maintaining their vehicles and equipment.

# Construction



Date	Article Title	Link	Excerpt
6-Feb-20	621G Scraper: Clean Brake Lights	<a href="https://www.psmagazine.army.mil/News/Article/2075250/621g-scraper-clean-brake-lights/">https://www.psmagazine.army.mil/News/Article/2075250/621g-scraper-clean-brake-lights/</a>	Cleaning the brake lights Scraping and hauling dirt at the worksite is a messy job. That means you operators have to make it a point to eyeball the 621G scraper's brake lights in the back of the vehicle during PMCS. Dirt and mud get thrown onto the brakel...
11-Feb-20	621G Scraper: EMS Fault Alarm NSN	<a href="https://www.psmagazine.army.mil/News/Article/2080530/621g-scraper-ems-fault-alarm-nsn/">https://www.psmagazine.army.mil/News/Article/2080530/621g-scraper-ems-fault-alarm-nsn/</a>	Order the scraper's EMS fault alarm with NSN 6350-01-423-9687. The fault alarm is shown as Item 31 in Fig 162 of TM 5-3805-296-24P (Jun 13). However, the NSN in the TM brings the wrong part. Make a note of the correct NSN until the TM is updated...
11-Feb-20	Dump Trucks: Some Dump Bed Basics	<a href="https://www.psmagazine.army.mil/News/Article/2081089/dump-trucks-some-dump-bed-basics/">https://www.psmagazine.army.mil/News/Article/2081089/dump-trucks-some-dump-bed-basics/</a>	The way to keep your dump trucks on the job is to load up on PM. So here are a few pointers to keep in mind: 1. Keep the Bed Dry Standing water in the dump bed means the drain holes are clogged. Ignore the standing water long enough and you'll have a rusted bed...
13-Feb-20	CAT Construction Equipment: Ether Start Aid Valve Available	<a href="https://www.psmagazine.army.mil/News/Article/2081528/cat-construction-equipment-ether-start-aid-valve-available/">https://www.psmagazine.army.mil/News/Article/2081528/cat-construction-equipment-ether-start-aid-valve-available/</a>	CAT equipment like the 120M road grader, 924H wheel loader, D7R II dozer and 621G scraper all use the same ether start aid valve that comes with NSN 4820-01-551-9292. Inside the valve is a filter that gets clogged with debris. Sometimes it gets damaged or just plain disappears. If you look for the filter in the TMs,...
27-Feb-20	MK-155 MICLIC: Lube It or Lose It	<a href="https://www.psmagazine.army.mil/News/Article/2095196/mk-155-miclic-lube-it-or-lose-it/">https://www.psmagazine.army.mil/News/Article/2095196/mk-155-miclic-lube-it-or-lose-it/</a>	The MK-155 MICLIC is your best insurance policy when you're dealing with mine fields. It can quickly clear a safe path to follow. But, unfortunately, most MICLICs sit for months seeing no action or getting little attention. Then when you need it, your MICLIC won't work...
4-Mar-20	621G Scraper: Front Brake Actuator Boot	<a href="https://www.psmagazine.army.mil/News/Article/2100682/621g-scraper-front-brake-actuator-boot/">https://www.psmagazine.army.mil/News/Article/2100682/621g-scraper-front-brake-actuator-boot/</a>	Mechanics, The scraper front air brake actuator, NSN 2530-01-415-2558, that's shown as Item 15 in Fig 94 of TM 5-3805-296-24P (Jun 13) doesn't break down into individual parts. Problem is, wear and tear during construction causes the actuator—particularly its boot—to get banged up and torn apart...

20-Mar-20	621G Scraper: Push Loading Allowed	<a href="https://www.psmagazine.army.mil/News/Article/2117751/621g-scraper-push-loading-allowed/">https://www.psmagazine.army.mil/News/Article/2117751/621g-scraper-push-loading-allowed/</a>	Operators, wondering if push loading is allowed for your 621G scraper? The answer is: Yes, it is! Just make sure you do it right. Pages 10-13 in WP 0005 of TM 5-3805-296-10 (Sep 12) has the complete scoop...
6-May-20	BEB BII Retaining Clip	<a href="https://www.psmagazine.army.mil/News/Article/2177772/beb-bii-retaining-clip/">https://www.psmagazine.army.mil/News/Article/2177772/beb-bii-retaining-clip/</a>	Get the retaining clip that holds the bridge erection boat's (BEB) life ring with NSN 5975-01-660-7993. The retaining clip is mounted on the crew station starboard crew protection kit or surrogate panel. The clip's NSN is missing from Item 6 of Table 2 for the basic issue items (BII) listed on Page 0131-4 of TM 5-1940-324-10...
12-May-20	BEB BII Bungee Cord	<a href="https://www.psmagazine.army.mil/News/Article/2184437/beb-bii-bungee-cord/">https://www.psmagazine.army.mil/News/Article/2184437/beb-bii-bungee-cord/</a>	You can get a 24-in bungee cord with nylon hooks for the bridge erection boat (BEB) with the newly assigned NSN 4020-01-659-5808. This cord secures the bridge erection boat's mast in the lowered position. When the mast is raised, the cord stays in place...
12-May-20	BEB BII Back Cushion	<a href="https://www.psmagazine.army.mil/News/Article/2184529/beb-bii-back-cushion/">https://www.psmagazine.army.mil/News/Article/2184529/beb-bii-back-cushion/</a>	Get a back cushion for the bridge erection boat (BEB) with NSN 2540-01-652-9733. Make a note in Item 12 of the basic issue items (BII) listed in Table 2 on Page 0131-6 of TM 5-1940-324-10 (Aug 17) until the NSN shows up in a future update...
18-May-20	BEB BII Heater Hose	<a href="https://www.psmagazine.army.mil/News/Article/2190058/beb-bii-heater-hose/">https://www.psmagazine.army.mil/News/Article/2190058/beb-bii-heater-hose/</a>	Get a heater hose with connectors for the bridge erection boat (BEB) with NSN 4720-01-666-7336. This hose is stowed in the boat's port waterjet compartment. The hose's NSN is missing from Item 18 of the basic issue items (BII) listed in Table 2 on Page 0131-7 of TM 5-1940-324-10 (Aug 17)...
26-May-20	BEB BII Crew Station Enclosure Starboard	<a href="https://www.psmagazine.army.mil/News/Article/2196832/beb-bii-crew-station-enclosure-starboard/">https://www.psmagazine.army.mil/News/Article/2196832/beb-bii-crew-station-enclosure-starboard/</a>	Order the bridge erection boat's (BEB) crew station enclosure (starboard) with NSN 5410-01-656-2299. It's stowed in the crew station enclosure bag in the port waterjet compartment. This NSN is missing from Item 11 in Table 2 of the basic issue items (BII) listed on Page 0131-5 of TM 5-1940-324-10 (Aug 17)...

26-May-20	BEB BII Crew Station Enclosure Port NSN	<a href="https://www.psmagazine.army.mil/News/Article/2196944/beb-bii-crew-station-enclosure-port-nsn/">https://www.psmagazine.army.mil/News/Article/2196944/beb-bii-crew-station-enclosure-port-nsn/</a>	Get the bridge erection boat's (BEB) crew station enclosure (port) using NSN 5410-01-656-2293. It's stowed in the boat's crew station enclosure bag that's in the port waterjet compartment. This NSN is missing from Item 10 in Table 2 of the basic issue items (BII) listed on Page 0131-5 of TM 5-1940-324-10 (Aug 17)...
29-May-20	BEB BII Inspection Light	<a href="https://www.psmagazine.army.mil/News/Article/2201257/beb-bii-inspection-light/">https://www.psmagazine.army.mil/News/Article/2201257/beb-bii-inspection-light/</a>	Get a 24-volt inspection light for the bridge erection boat (BEB) with NSN 6230-01-655-3251. The light is stowed in the boat's console starboard storage box. This NSN is missing from Item 22 in Table 2 of the basic issue items (BII) listed on Page 0131-8 of TM 5-1940-324-10 (Aug 17)...
29-May-20	BEB BII Crate	<a href="https://www.psmagazine.army.mil/News/Article/2201672/beb-bii-crate/">https://www.psmagazine.army.mil/News/Article/2201672/beb-bii-crate/</a>	Get a basic issue item (BII) crate using NSN 3990-01-671-2750. It's stowed in the bridge erection boat's (BEB) starboard waterjet compartment, one forward and one aft. The crate's NSN is missing from Item 7 in Table 2 of the BII listed on Page 0131-4 of TM 5-1940-324-10 (Aug 17). Keep an eye out for a TM update...
3-Jun-20	BEB BII Mooring Line	<a href="https://www.psmagazine.army.mil/News/Article/2206194/beb-bii-mooring-line/">https://www.psmagazine.army.mil/News/Article/2206194/beb-bii-mooring-line/</a>	Get a 20-ft, 5/8-in mooring line for the bridge erection boat (BEB) with NSN 4020-01-666-6693. It's stowed in the boat's port waterjet compartment. This NSN is missing from Item 23 in Table 2 of the basic issue items (BII) listed on Page 0131-8 of TM 5-1940-324-10 (Aug 17). ...
4-Jun-20	BEB BII Locking Pliers	<a href="https://psmagazine.army.afpims.mil/News/Article/2208336/beb-bii-locking-pliers/">https://psmagazine.army.afpims.mil/News/Article/2208336/beb-bii-locking-pliers/</a>	Get the 6-in long nose locking pliers for the bridge erection boat (BEB) using NSN 5120-01-601-5168. The pliers are stowed in the tool bag that's in the console starboard storage box. This NSN is missing from Item 26 in Table 2 of the basic issue items (BII) listed on Page 0131-9 of TM 5-1940-324-10 (Aug 17)...
8-Jun-20	D7R II CAT Dozer: Avoid Battery Drain	<a href="https://www.psmagazine.army.mil/News/Article/2211061/d7r-ii-cat-dozer-avoid-battery-drain/">https://www.psmagazine.army.mil/News/Article/2211061/d7r-ii-cat-dozer-avoid-battery-drain/</a>	Operators, after the day's run, make sure you turn off the battery disconnect switch that's located at the back of the D7R II CAT tractor or dozer (roadside), inside the switch's access door. If you don't, the batteries will drain and lose their charge within the week! ...



8-Jun-20	D7R II CAT Dozer: Parking Brake Reminder	<a href="https://www.psmagazine.army.mil/News/Article/2211289/d7r-ii-cat-dozer-parking-brake-reminder/">https://www.psmagazine.army.mil/News/Article/2211289/d7r-ii-cat-dozer-parking-brake-reminder/</a>	Operators, it's real easy to do: you hop in the cab, and to get the day rolling in your D7R II CAT dozer, you start cranking down on the engine starter. And guess what? Your dozer won't start, and you're going nowhere! Matter of fact, you try all day long. Fact is, the vehicle won't start unless the parking brake is locked ...
10-Jun-20	Construction Equipment: Take Time to Eyeball Tire Damage	<a href="https://www.psmagazine.army.mil/News/Article/2211402/construction-equipment-take-time-to-eyeball-tire-damage/">https://www.psmagazine.army.mil/News/Article/2211402/construction-equipment-take-time-to-eyeball-tire-damage/</a>	Construction operations in rocky soil will cause serious wear-and-tear on your vehicle tire's treads and sidewalls. That means getting down on hands and knees to take a close look for gouges, tears or slits in the tire's surface before and after the day's run. If you find anything serious, tell your mechanic. ...
12-Jun-20	PS Magazine: 2019 Index of Online Articles	<a href="https://www.psmagazine.army.mil/News/Article/2217806/ps-magazine-2019-index-of-online-articles/">https://www.psmagazine.army.mil/News/Article/2217806/ps-magazine-2019-index-of-online-articles/</a>	Some of our readers have asked for an index of the latest articles. We listened and created a 2019 PS index. It has all the PS Magazine articles that appeared on our website starting in mid-2019...
12-Jun-20	D7R II Dozer: Check Bolts on Frame	<a href="https://www.psmagazine.army.mil/News/Article/2217857/d7r-ii-dozer-check-bolts-on-frame/">https://www.psmagazine.army.mil/News/Article/2217857/d7r-ii-dozer-check-bolts-on-frame/</a>	A good operator knows that one of the first items you'll find in the D7R II dozer's PMCS in TM 5-2410-241-10 (Oct 11) is a statement that says to make sure the vehicle's bolts, nuts and screws aren't loose, missing, bent or broken. If any of them are, notify your mechanic...
12-Jun-20	Backhoe Loader (BHL): Avoid Turbo Burnout!	<a href="https://www.psmagazine.army.mil/News/Article/2218220/backhoe-loader-bhl-avoid-turbo-burnout/">https://www.psmagazine.army.mil/News/Article/2218220/backhoe-loader-bhl-avoid-turbo-burnout/</a>	For you newly-trained backhoe loader (BHL) operators, remember to use the fuel pump solenoid switch to prime and protect the BHL's turbocharger. The switch is located to the right and just below the steering wheel. Holding the switch down shuts off the engine's prime fuel pump...
15-Jun-20	966H Wheel Loader: What's That Squeaky Noise?	<a href="https://www.psmagazine.army.mil/News/Article/2220786/966h-wheel-loader-whats-that-squeaky-noise/">https://www.psmagazine.army.mil/News/Article/2220786/966h-wheel-loader-whats-that-squeaky-noise/</a>	Operators, you'll know it when you hear it. That loud squeaky noise on your 966H wheel loader's bucket is the pivot pins and lift arms screaming for attention. Without regular lube, the bucket starts to squeak when it's raised or lowered...

17-Jun-20	M1231 Husky: Loose Nut a Suspension Killer	<a href="https://www.psmagazine.army.mil/News/Article/2222023/m1231-husky-loose-nut-a-suspension-killer/">https://www.psmagazine.army.mil/News/Article/2222023/m1231-husky-loose-nut-a-suspension-killer/</a>	Operators, during the BEFORE and AFTER PMCS on your M1231 Husky, look for loose hardware on the lower shock absorber bracket. The vehicle is NMC if the bracket, bolt, or locknut is loose, damaged or missing. Vehicle vibration loosens the nut. Eventually, the nut and bolt come...
19-Jun-20	120M Road Grader: Shut the Door on Dirt	<a href="https://www.psmagazine.army.mil/News/Article/2224858/120m-road-grader-shut-the-door-on-dirt/">https://www.psmagazine.army.mil/News/Article/2224858/120m-road-grader-shut-the-door-on-dirt/</a>	Ever been tempted to move around the job site with the door open on your 120M road grader? Maybe it's warm, but not hot enough for the air conditioner, so you decide to let in a little fresh air. Bad idea! With the door open, dust gets inside the cab...
22-Jun-20	CAT Construction Equipment: Replacing Valve Filter Saves Bucks	<a href="https://www.psmagazine.army.mil/News/Article/2227748/cat-construction-equipment-replacing-valve-filter-saves-bucks/">https://www.psmagazine.army.mil/News/Article/2227748/cat-construction-equipment-replacing-valve-filter-saves-bucks/</a>	If you've got a newer piece of CAT construction equipment—like the 120M road grader, 924H wheel loader, D7R II dozer or 621G scraper—you've no doubt noticed they come equipped with an ether start aid valve, NSN 4820-01-551-9292...
8-Jul-20	M9 ACE: Keep Rollers Rollin'	<a href="https://www.psmagazine.army.mil/Articles/Article/2267317/m9-ace-keep-rollers-rollin/">https://www.psmagazine.army.mil/Articles/Article/2267317/m9-ace-keep-rollers-rollin/</a>	Without lube, ejector guide rollers in the earthmover's bowl will lock up. A roller that won't turn on one side of the bowl causes the ejector to bind or drag on the other side of the bowl. ...
20-Jul-20	M9 ACE: Exhaust Hose Reminder	<a href="https://www.psmagazine.army.mil/News/Article/2279557/m9-ace-exhaust-hose-reminder/">https://www.psmagazine.army.mil/News/Article/2279557/m9-ace-exhaust-hose-reminder/</a>	This article initially appeared in PS 724 (Mar '13), p. 14. Mechanics, do your armored combat earthmover a favor by not stepping on the exhaust hose inside the vehicle's engine compartment. Sure, the hose looks like a convenient footrest while ...
31-Jul-20	M9 ACE: Blade and Hydraulic Preventive Maintenance	<a href="https://www.psmagazine.army.mil/News/Article/2294261/m9-ace-blade-and-hydraulic-preventive-maintenance/">https://www.psmagazine.army.mil/News/Article/2294261/m9-ace-blade-and-hydraulic-preventive-maintenance/</a>	Operators, your armored combat earthmover has a lot of dirt to move. If you remember to do your PM, you're well on the way to a job well done. Keep these PM pointers in mind before you head back for the next load...

5-Aug-20	D7R II Dozer: Seat Knob Bolt	<a href="https://www.psmagazine.army.mil/News/Article/2300212/d7r-ii-dozer-seat-knob-bolt/">https://www.psmagazine.army.mil/News/Article/2300212/d7r-ii-dozer-seat-knob-bolt/</a>	Get a bolt for the adjustment knob on the D7R II dozer's seat assembly using NSN 5306-01-659-5535. This bolt replaces the old bolt, NSN 5305-01-517-2222, that's shown as Item 94 in Fig 118 of TM 5-2410-241-24P (Feb 12)...
10-Aug-20	120M Road Grader: Look for Rust and Clogged Air Filters	<a href="https://www.psmagazine.army.mil/News/Article/2306963/120m-road-grader-look-for-rust-and-clogged-air-filters/">https://www.psmagazine.army.mil/News/Article/2306963/120m-road-grader-look-for-rust-and-clogged-air-filters/</a>	Operators, write a note and keep this preventive maintenance reminder handy before the day's run at the worksite. Open the access door to the engine compartment and take a look at the exhaust pipe. You'll want to eyeball where the pipe is welded to the muffler. ...
26-Aug-20	120M Road Grader: A Proper Place	<a href="https://www.psmagazine.army.mil/News/Article/2325685/120m-road-grader-a-proper-place/">https://www.psmagazine.army.mil/News/Article/2325685/120m-road-grader-a-proper-place/</a>	There's a right place and a wrong place (or many wrong places) to stow components of your grader. Keep these "proper place" reminders in mind while operating and maintaining your 120M road grader...
8-Sep-20	HMEE-1: Detach Head Lamps	<a href="https://www.psmagazine.army.mil/News/Article/2338878/hmee-1-detach-head-lamps/">https://www.psmagazine.army.mil/News/Article/2338878/hmee-1-detach-head-lamps/</a>	This article initially appeared in PS 779 (Oct 17), p. 16. Operators, remember to detach the front bucket headlamps whenever you're unloading the HMEE-1's bucket and BII boxes. If you don't, the headlamps, NSN 6220-01-549-6135, and their electrical cables will get ripped loose from the bucket...
9-Sep-20	D7R II Tractor: Some Tips for the Tractor	<a href="https://www.psmagazine.army.mil/News/Article/2341349/d7r-ii-tractor-some-tips-for-the-tractor/">https://www.psmagazine.army.mil/News/Article/2341349/d7r-ii-tractor-some-tips-for-the-tractor/</a>	This article initially appeared in PS 771 (FEB 17), p. 18-19. Operators, here are a few reminders to keep in mind before the day's run, especially you newbies! ...
14-Sep-20	Construction Equipment: Stop That Sneaky Leak	<a href="https://www.psmagazine.army.mil/News/Article/2341702/construction-equipment-stop-that-sneaky-leak/">https://www.psmagazine.army.mil/News/Article/2341702/construction-equipment-stop-that-sneaky-leak/</a>	This article initially appeared in PS 774 (May 17), p. 16. Operators, working in rocky soil can play havoc with the tires on your construction equipment. When small rocks get stuck between the tire and wheel rim, tire pressure goes right out the window! ...

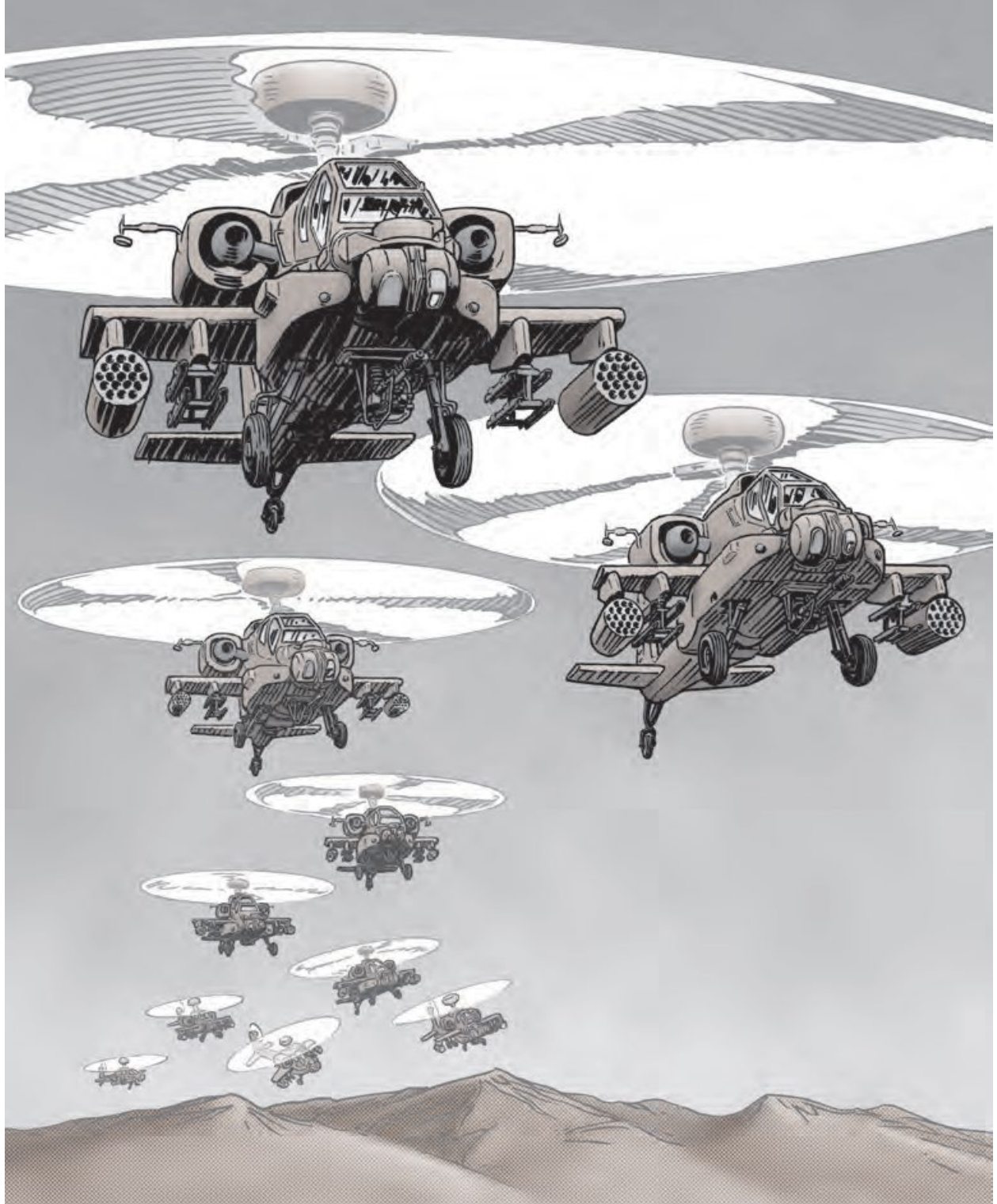
14-Sep-20	M400W Skid Loader: Stop Needless Battery Replacement!	<a href="https://www.psmagazine.army.mil/News/Article/2346538/m400w-skid-loader-stop-needless-battery-replacement/">https://www.psmagazine.army.mil/News/Article/2346538/m400w-skid-loader-stop-needless-battery-replacement/</a>	This article initially appeared in PS 779 (Oct 17), p. 17. Operators, it's no secret that M400W compact-skid loaders have an ongoing problem with battery drain. Most use the yellow-top Optima batteries...
24-Sep-20	815F Compactor: Air Filter Brush Off	<a href="https://www.psmagazine.army.mil/News/Article/2356756/815f-compactor-air-filter-brush-off/">https://www.psmagazine.army.mil/News/Article/2356756/815f-compactor-air-filter-brush-off/</a>	This article initially appeared in PS 774 (Jun 15), p. 58. Operators, a clean air filter element is crucial during construction operations, especially when there's a lot of dust in the air. ...
29-Sep-20	22-Ton Crane: Filter Facts	<a href="https://www.psmagazine.army.mil/News/Article/2365334/22-ton-crane-filter-facts/">https://www.psmagazine.army.mil/News/Article/2365334/22-ton-crane-filter-facts/</a>	This article initially appeared in PS 579 (Feb 01), p. 25. Operators, you don't have to replace the primary filter element every time the restriction indicator turns red. You can often save the cost of a new element by cleaning the old one with compressed air or warm, soapy water. ...
29-Sep-20	621G Scraper: Wet Filter Turns Moldy	<a href="https://www.psmagazine.army.mil/News/Article/2365269/621g-scraper-wet-filter-turns-moldy/">https://www.psmagazine.army.mil/News/Article/2365269/621g-scraper-wet-filter-turns-moldy/</a>	This article initially appeared in PS 774 (May 17), p. 20. Operators, make sure you keep a close eye on the 621G scraper's cab air filter, especially after a heavy rain. The filter's access door has a series of louvers that allows open air flow. ...
29-Sep-20	Backhoe Loader: New Tires Need a Little Work	<a href="https://www.psmagazine.army.mil/News/Article/2365308/backhoe-loader-new-tires-need-a-little-work/">https://www.psmagazine.army.mil/News/Article/2365308/backhoe-loader-new-tires-need-a-little-work/</a>	This article initially appeared in PS 746 (Jan 15), p. 21. When it's time to replace tires on your backhoe loader (BHL), you've got a little work to do! Unlike most equipment, the BHL does not have a tire and wheel assembly...
30-Sep-20	CAT Construction Equipment: 500-hr Service Kit	<a href="https://www.psmagazine.army.mil/News/Article/2366058/cat-construction-equipment-500-hr-service-kit/">https://www.psmagazine.army.mil/News/Article/2366058/cat-construction-equipment-500-hr-service-kit/</a>	This article initially appeared in PS 781 (Dec 17), p. 16. Mechanics, service kits which are now available for your CAT construction equipment. This article provide a list of kits to use for 500-hr services. ...

7-Oct-20	M1272 Buffalo: The Pain of Battery Drain	<a href="https://www.psmagazine.army.mil/News/Article/2373285/m1272-buffalo-the-pain-of-battery-drain/">https://www.psmagazine.army.mil/News/Article/2373285/m1272-buffalo-the-pain-of-battery-drain/</a>	This article initially appeared in PS 775 (Jun 17), p. 15. It's no secret that electronics inside the M1272 Buffalo have a bad habit of running the vehicle's batteries dry. And those batteries can lose their charge in just a week!...
22-Oct-20	M1231 MK II/III VMMD Husky: INK TANK ALERT!	<a href="https://www.psmagazine.army.mil/News/Article/2389782/m1231-mk-iii-vmmd-husky-ink-tank-alert/">https://www.psmagazine.army.mil/News/Article/2389782/m1231-mk-iii-vmmd-husky-ink-tank-alert/</a>	This article initially appeared in PS 769 (Dec 16), p. 13. Operators, cold weather can spell D-O-O-M for the ink tank on the left side of your Husky's cab. The water/ink solution inside the tank will freeze when temperatures drop too low...
22-Oct-20	Backhoe Loader: Stay Away from Ether Spray!	<a href="https://psmagazine.army.afpims.mil/News/Article/2390534/backhoe-loader-stay-away-from-ether-spray/">https://psmagazine.army.afpims.mil/News/Article/2390534/backhoe-loader-stay-away-from-ether-spray/</a>	This article initially appeared in PS 769 (Dec 16), p. 13. Take a quick walk through any engineering battalion and you'll see lots of construction equipment with built-in starting aids. These aids help vehicle engines turn over in cold weather. ...
28-Oct-20	MK III VMMD HUSKY: Battery Drain a Real Pain	<a href="https://www.psmagazine.army.mil/News/Article/2397036/mk-iii-vmmd-husky-battery-drain-a-real-pain/">https://www.psmagazine.army.mil/News/Article/2397036/mk-iii-vmmd-husky-battery-drain-a-real-pain/</a>	This article initially appeared in PS 769 (Dec 16), p. 14. Dead batteries and the Husky seem to go hand-in-hand, especially when your vehicle sits for long periods in cold weather. To keep batteries charged,...
12-Nov-20	HMEE-1: A Good Tip for Traveling	<a href="https://www.psmagazine.army.mil/News/Article/2413282/hmee-1-a-good-tip-for-traveling/">https://www.psmagazine.army.mil/News/Article/2413282/hmee-1-a-good-tip-for-traveling/</a>	This article initially appeared in PS 757 (Dec 15), p. 12. Operators, move the backhoe on your high-mobility engineer excavator (HMEE-1) all you want during operation. But it needs to be still as a statue when HMEE-1 goes into travel mode. ...
13-Nov-20	996H Wheel Loader: Lube the Bucket	<a href="https://www.psmagazine.army.mil/News/Article/2413350/996h-wheel-loader-lube-the-bucket/">https://www.psmagazine.army.mil/News/Article/2413350/996h-wheel-loader-lube-the-bucket/</a>	This article initially appeared in PS 736 (Mar 14), p. 16. The pivot pins and lift arms on your wheel loader's bucket need lots of lube to do their job. Without lube, the bucket will begin squeaking while it's being raised or lowered...

13-Nov-20	ATLAS II Forklifts: The Wheel Rim Difference	<a href="https://www.psmagazine.army.mil/News/Article/2414794/atlas-ii-forklifts-the-wheel-rim-difference/">https://www.psmagazine.army.mil/News/Article/2414794/atlas-ii-forklifts-the-wheel-rim-difference/</a>	This article initially appeared in PS 777 (Aug 17), p. 17. When it comes to wheel rims for the ATLAS II forklift, there's only one to use: NSN 2530-01- 572-2264. it's shown as Item 5 in Fig 122 of TM 10-3930-677-23&P in IETM EM 0359 (Aug 16). ...
13-Nov-20	M101-Series Bulk Brake Line	<a href="https://www.psmagazine.army.mil/News/Article/2414836/m101-series-bulk-brake-line/">https://www.psmagazine.army.mil/News/Article/2414836/m101-series-bulk-brake-line/</a>	This article initially appeared in PS 715 (Jun 12), p. 45. You can order bulk brake line for the M101A1/A2/A3-series ¾-ton cargo trailers using NSN 4710-00-350-9896...
17-Nov-20	MK III VMMD HUSKY: Forage for Storage Info!	<a href="https://www.psmagazine.army.mil/News/Article/2417688/mk-iii-vmmd-husky-forage-for-storage-info/">https://www.psmagazine.army.mil/News/Article/2417688/mk-iii-vmmd-husky-forage-for-storage-info/</a>	This article initially appeared in PS 776 (Jul 17), p. 21. Operators, did you know that storing your Husky for six months or longer requires specific tasks and tools? Proper storage is vital to keep the vehicle ready when it's next needed...
17-Nov-20	UTAP: You're Just a Click Away!	<a href="https://www.psmagazine.army.mil/News/Article/2417978/utap-youre-just-a-click-away/">https://www.psmagazine.army.mil/News/Article/2417978/utap-youre-just-a-click-away/</a>	This article initially appeared in PS 798 (May 19), p. 20-21. TACOM's Unit Training Assistance Program, UTAP, provides approved training materials for a variety of TACOM-managed equipment...
9-Dec-20	Windshield Washer Fluid	<a href="https://www.psmagazine.army.mil/News/Article/2440738/windshield-washer-fluid/">https://www.psmagazine.army.mil/News/Article/2440738/windshield-washer-fluid/</a>	This article initially appeared in PS 615 (Feb 04), p. 60. To make windshield washer fluid, use NSN 6850-00-926-2275 to get a case of twelve 16-oz bottles of concentrated windshield cleaning compound...
9-Dec-20	Battery Box Coating Compound	<a href="https://www.psmagazine.army.mil/News/Article/2440878/battery-box-coating-compound/">https://www.psmagazine.army.mil/News/Article/2440878/battery-box-coating-compound/</a>	This article initially appeared in PS 745 (May 17), p. 61. If the interior coating on your vehicle's battery box is wearing out, you'll need to recoat it. Use a wire brush to scrape off rust and old paint. Then, after cleaning, protect the box by brushing on a coat of bituminous coating compound...

23-Dec-20	PS Magazine: Help Us Help You	<a href="https://www.psmagazine.army.mil/News/Article/2455770/ps-magazine-help-us-help-you/">https://www.psmagazine.army.mil/News/Article/2455770/ps-magazine-help-us-help-you/</a>	Each day, emails from Soldiers and DoD civilians all over the world come into PS Magazine seeking answers to challenges they're facing while maintaining their vehicles and equipment. And each day, Half-Mast or a member of his team replies. In order to help you,...
28-Dec-20	120M Road Grader: Idle First, Then Go Grading!	<a href="https://www.psmagazine.army.mil/News/Article/2456445/120m-road-grader-idle-first-then-go-grading/">https://www.psmagazine.army.mil/News/Article/2456445/120m-road-grader-idle-first-then-go-grading/</a>	This article initially appeared in PS 755 (Oct 15), p. 16. Now that you've started your 120M road grader, you're ready to move out, right? Not so fast, my road-grading friend! ...
29-Dec-20	230LCRD HYEX: Get The Right Engine!	<a href="https://www.psmagazine.army.mil/News/Article/2458563/230lcrd-hyex-get-the-right-engine/">https://www.psmagazine.army.mil/News/Article/2458563/230lcrd-hyex-get-the-right-engine/</a>	This article initially appeared in PS 794 (Jan 19), p. 19. Mechanics, make sure you check the data plate on the 230LCRD hydraulic excavator's (HYEX) engine before ordering a new one. ...
29-Dec-20	Construction Equipment: Updated MEL List	<a href="https://www.psmagazine.army.mil/News/Article/2458530/construction-equipment-updated-mel-list/">https://www.psmagazine.army.mil/News/Article/2458530/construction-equipment-updated-mel-list/</a>	Need a maintenance expenditure limits (MEL) list for your unit's construction equipment? You'll find the latest updates in the attached 2021 MEL for the Army's older construction equipment...
29-Dec-20	D7RII Dozer: O-ring Seal's a Big Deal	<a href="https://www.psmagazine.army.mil/News/Article/2458622/d7rii-dozer-o-ring-seals-a-big-deal/">https://www.psmagazine.army.mil/News/Article/2458622/d7rii-dozer-o-ring-seals-a-big-deal/</a>	This article initially appeared in PS 794 (Jan 19), p. 18. Operators, after a track adjustment on your D7R II dozer, make sure the track adjuster cover is snug on the recoil spring compartment. ...
30-Dec-20	MKII Bridge Boat: A Plug for the Drain Plug	<a href="https://www.psmagazine.army.mil/News/Article/2459048/mkii-bridge-boat-a-plug-for-the-drain-plug/">https://www.psmagazine.army.mil/News/Article/2459048/mkii-bridge-boat-a-plug-for-the-drain-plug/</a>	This article initially appeared in PS 794 (Jan 19), p. 19. Rain can play havoc with the batteries on your MKII bridge boat. The batteries sit in the hull, so if enough rain collects there, the batteries short out! ...

# Aviation





Date	Article Title	Link	Excerpt
6-Jan-20	Aviation: What's Needed in a 72-Hour Survival Kit	<a href="https://www.psmagazine.army.mil/News/Article/2050769/aviation-whats-needed-in-a-72-hour-survival-kit/">https://www.psmagazine.army.mil/News/Article/2050769/aviation-whats-needed-in-a-72-hour-survival-kit/</a>	In an emergency aircraft situation, the first 72 hours are crucial to survival. You must have the right equipment. Always keep the following items on-hand before venturing out on a mission. 72-Hour Survival Equipment Item NSN PN Safety auto hook folding knife 1095-01-600-0970...
9-Jan-20	Apache: Mounting Trouble for AAG Antenna	<a href="https://www.psmagazine.army.mil/News/Article/2052594/apache-mounting-trouble-for-aag-antenna/">https://www.psmagazine.army.mil/News/Article/2052594/apache-mounting-trouble-for-aag-antenna/</a>	There's an issue with improper mounting of the Manned-Unmanned Teaming (MUMT) lower Air-to-Air-to-Ground (AAG) antenna. In some units, the lower AAG antenna was mounted backwards, which can affect the MUMT operation. That's because there's a 10° blanking zone on the rear of the antenna which is...
15-Jan-20	Black Hawk: Unserviceable Pressure Altimeters Need Turn-In	<a href="https://www.psmagazine.army.mil/News/Article/2057998/black-hawk-unserviceable-pressure-altimeters-need-turn-in/">https://www.psmagazine.army.mil/News/Article/2057998/black-hawk-unserviceable-pressure-altimeters-need-turn-in/</a>	A new five-year maintenance and overhaul (M&O) indefinite delivery indefinite quantity (IDIQ) contract is now in place for Black Hawk pressure altimeters, NSN 6610-01-091-3701 (PN B4420210002) and NSN 6610-01-091-3702 (PN 107450-31327). If you have unserviceable pressure altimeters, send them to: New...
21-Jan-20	Aviation: Replace Broken Tools Quick and Easy	<a href="https://www.psmagazine.army.mil/News/Article/2061019/aviation-replace-broken-tools-quick-and-easy/">https://www.psmagazine.army.mil/News/Article/2061019/aviation-replace-broken-tools-quick-and-easy/</a>	This article initially appeared in Issue PS 780, page 22...
21-Jan-20	AGSE: Composite Repair Kits Have the Right Tools	<a href="https://www.psmagazine.army.mil/News/Article/2061676/agse-composite-repair-kits-have-the-right-tools/">https://www.psmagazine.army.mil/News/Article/2061676/agse-composite-repair-kits-have-the-right-tools/</a>	Airframe mechanics, Having the right tools to make composite repairs is important. The K3000 composite repair kit, NSN 4920-01-628-2469, is a portable kit with specialized tools used to facilitate composite repairs while away from a fixed facility. K3000 composite repair kit The Aviation Ground Support...
22-Jan-20	AH-64: Be Mindful of M230 Gun Procedures	<a href="https://www.psmagazine.army.mil/News/Article/2061904/ah-64-be-mindful-of-m230-gun-procedures/">https://www.psmagazine.army.mil/News/Article/2061904/ah-64-be-mindful-of-m230-gun-procedures/</a>	This article initially appeared in Issue PS 800, pages 22-23. ...

22-Jan-20	AGSE: New Tool Kit Available for Aircraft Armament Repairers	<a href="https://www.psmagazine.army.mil/News/Article/2062007/agse-new-tool-kit-available-for-aircraft-armament-repairers/">https://www.psmagazine.army.mil/News/Article/2062007/agse-new-tool-kit-available-for-aircraft-armament-repairers/</a>	This article initially appeared in Issue PS 801, pages 20-21...
23-Jan-20	Black Hawk/Apache: Check Retention Pins	<a href="https://www.psmagazine.army.mil/News/Article/2063123/black-hawkapache-check-retention-pins/">https://www.psmagazine.army.mil/News/Article/2063123/black-hawkapache-check-retention-pins/</a>	Mechanics, there are nonconforming pins for the actuating rings of the inlet guide vane (IGV) in the field. These are or need to be replaced by the Aviation Support Battalion (ASB). Has your ASB ordered stage 1 and 2 actuating ring retention pins, NSN 5315-01-099-8047, PN 3031T30G01? They're shown as Items...
23-Jan-20	AGSE: Looking For Aircraft Trailer Parts?	<a href="https://www.psmagazine.army.mil/News/Article/2062990/agse-looking-for-aircraft-trailer-parts/">https://www.psmagazine.army.mil/News/Article/2062990/agse-looking-for-aircraft-trailer-parts/</a>	This article initially appeared in Issue PS 799, pages 26...
24-Jan-20	MEDEVAC: TM Part Number Correction for Bumper/Spring Assembly	<a href="https://www.psmagazine.army.mil/News/Article/2064720/meDEVAC-tm-part-number-correction-for-bumperspring-assembly/">https://www.psmagazine.army.mil/News/Article/2064720/meDEVAC-tm-part-number-correction-for-bumperspring-assembly/</a>	Mechanics, We've got an important correction for you. TM 1-1520-237-23&P (Jan 19) shows the rescue hoist's crushable bumper/spring assembly as Item 23 in Fig 14-4 of WP 3415. The TM lists NSN 5340-01-512-0408 and PN BL-12750-3 for this item. TM 1-1520-280-23&P (Feb 19) gives the same...
24-Jan-20	Black Hawk: Turn in Repairable Unserviceable Parts	<a href="https://www.psmagazine.army.mil/News/Article/2064819/black-hawk-turn-in-repairable-unserviceable-parts/">https://www.psmagazine.army.mil/News/Article/2064819/black-hawk-turn-in-repairable-unserviceable-parts/</a>	Mechanics, the rigid connecting links with condition code F are repairable. If your shop has unserviceable connecting links, NSN 3040-01-197-1745 (PN 70400-08110-060) and NSN 3040-01-287-2438 (PN 70400-08151-061), turn them in to Plant 7015/RIC B52/DODAAC W45H08 at Corpus Christi Army Depot. The...
24-Jan-20	AGSE: The Right Way to Order Zephyr RHGSE Parts	<a href="https://www.psmagazine.army.mil/News/Article/2065060/agse-the-right-way-to-order-zephyr-rhgse-parts/">https://www.psmagazine.army.mil/News/Article/2065060/agse-the-right-way-to-order-zephyr-rhgse-parts/</a>	Mechanics, Getting the parts you need for your Zephyr rescue hoist ground support equipment (RHGSE) may require some additional steps. While most of the Zephyr's parts have NSNs and are listed in FED LOG, they don't have a source of supply (SOS) code. Why? The NSNs are inactive or suspended due to a lack of ...

29-Jan-20	Aviation: Need NSNs for Boots and Flight Suits?	<a href="https://www.psmagazine.army.mil/News/Article/2067885/aviation-need-nsns-for-boots-and-flight-suits/">https://www.psmagazine.army.mil/News/Article/2067885/aviation-need-nsns-for-boots-and-flight-suits/</a>	Dear Sergeant Blade, I'm deployed and I'm looking for some aviator olive-colored flight suits, gloves and boot NSNs. Can you help me with a list of NSNs for these items?
30-Jan-20	MEDEVAC: Get Hoist Training at Your Unit	<a href="https://www.psmagazine.army.mil/News/Article/2069156/medevac-get-hoist-training-at-your-unit/">https://www.psmagazine.army.mil/News/Article/2069156/medevac-get-hoist-training-at-your-unit/</a>	If your unit needs hoist training, Breeze-Eastern has a great training option. They'll come to you! If more than four to five students need training, this option may be more economical than paying TDY for the attendees. Request the training by filling out the form at this...
31-Jan-20	Black Hawk: Get Parts Turned In ASAP	<a href="https://www.psmagazine.army.mil/News/Article/2071068/black-hawk-get-parts-turned-in-asap/">https://www.psmagazine.army.mil/News/Article/2071068/black-hawk-get-parts-turned-in-asap/</a>	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 drops, resulting in critical...
31-Jan-20	Apache: Ordering and Turning in Parts	<a href="https://www.psmagazine.army.mil/News/Article/2070961/apache-ordering-and-turning-in-parts/">https://www.psmagazine.army.mil/News/Article/2070961/apache-ordering-and-turning-in-parts/</a>	Mechanics, Now that Apache parts such as the main rotor blades, E-model swash plates and MUMTs have transitioned off performance-based logistics (PBL), make sure you return serviceable or unserviceable components for composite main rotary blades (CMRBs) and E-model swash plates to the supply support ...
31-Jan-20	Black Hawk: EBAPS Kit Part Number Change	<a href="https://www.psmagazine.army.mil/News/Article/2070925/black-hawk-ebaps-kit-part-number-change/">https://www.psmagazine.army.mil/News/Article/2070925/black-hawk-ebaps-kit-part-number-change/</a>	If you have the Enhanced Ballistic Armament Protection System (EBAPS) kit installed on your UH-60 aircraft and you're flying under AWR 1752, contact the UH-60 Project Office to have the kit's part number changed as soon as possible. Contact Joe Ingram at: joseph.a.ingram4.civ@mail.mil ...
11-Feb-20	T701D Engine: Inquiring Minds Have Questions	<a href="https://www.psmagazine.army.mil/News/Article/2081009/t701d-engine-inquiring-minds-have-questions/">https://www.psmagazine.army.mil/News/Article/2081009/t701d-engine-inquiring-minds-have-questions/</a>	Mechanics, Taking care of your engine is a daily task. Answers to questions you might have about the T701D engine can be found in TM 1-2840-248-23&P (Oct 19). So crack open your TM and test your knowledge by answering these engine questions: 1. What is the primary fuel for the T701D engine? 2. What ...

11-Feb-20	Aircraft: It's Simple—Don't Stockpile Parts and Components	<a href="https://www.psmagazine.army.mil/News/Article/2081215/aircraft-its-simpledont-stockpile-parts-and-components/">https://www.psmagazine.army.mil/News/Article/2081215/aircraft-its-simpledont-stockpile-parts-and-components/</a>	Soldiers/Maintainers: You can have a powerful impact on the supply system by turning in unserviceable equipment. Turning in broken or busted equipment helps prevent low stock availability. A big part of ensuring that maintenance flows smoothly without aircraft downtime is to make sure that unserviceable but...
11-Feb-20	Aviation: Don't Freelance; Follow the TM	<a href="https://www.psmagazine.army.mil/News/Article/2081265/aviation-dont-freelance-follow-the-tm/">https://www.psmagazine.army.mil/News/Article/2081265/aviation-dont-freelance-follow-the-tm/</a>	The right tools, time, place and approach to preventive maintenance services (PMS) for your aircraft and preventive maintenance checks and services (PMCS) for your aviation ground support equipment (AGSE) begins and ends with TMs. No maintenance should ever be done by the seat of your pants or as...
21-Feb-20	Black Hawk: Turn in Unserviceable Repair Parts	<a href="https://www.psmagazine.army.mil/News/Article/2089524/black-hawk-turn-in-unserviceable-repair-parts/">https://www.psmagazine.army.mil/News/Article/2089524/black-hawk-turn-in-unserviceable-repair-parts/</a>	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. Without those turn-ins, on-hand inventory drops, resulting in critical shortages. That means you wait longer for the repair...
21-Feb-20	HH-/UH60M: MFD Software Release Coming	<a href="https://www.psmagazine.army.mil/News/Article/2089545/hh-uh60m-mfd-software-release-coming/">https://www.psmagazine.army.mil/News/Article/2089545/hh-uh60m-mfd-software-release-coming/</a>	The Utility Helicopter Project Office (UHPO) is working on the next release of the Multifunctional Display (MFD). It's set to hit the field in the third quarter of FY 2020 for the HH/UH-60M aircraft. The MFD software update will include improved hover display functionality, loadable user display settings, map scale...
25-Feb-20	MEDEVAC: Are Setscrews Set?	<a href="https://www.psmagazine.army.mil/News/Article/2093112/medevac-are-setscrews-set/">https://www.psmagazine.army.mil/News/Article/2093112/medevac-are-setscrews-set/</a>	Mechanics, The external rescue hoist, NSN 1680-01-505-3913, has a roller housing attached to the bottom of the cable guide assembly. Inside the housing is an assembly with four rollers allowing for fleet angle operations up to 30 degrees. The roller housing is attached by three small setscrews. That's where the...
26-Feb-20	Aviation: Turning in Serviceable Parts Costs Money	<a href="https://www.psmagazine.army.mil/News/Article/2093978/aviation-turning-in-serviceable-parts-costs-money/">https://www.psmagazine.army.mil/News/Article/2093978/aviation-turning-in-serviceable-parts-costs-money/</a>	Mechanics, The repair facility that services the ARC-231 receiver-transmitter (RT-1808A), NSN 5821-01-500-4770 (PN 902219-804), needs your help because one (1) out of two (2) receiver-transmitters turned in is reported as no evidence of failure (NEOF). That means your unit spends \$35,000 to replace...

27-Feb-20	Aviation: Stay in the Loop with Your Aircraft Community	<a href="https://www.psmagazine.army.mil/News/Article/2096142/aviation-stay-in-the-loop-with-your-aircraft-community/">https://www.psmagazine.army.mil/News/Article/2096142/aviation-stay-in-the-loop-with-your-aircraft-community/</a>	If you want to subscribe to the Black Hawk (BRIP), Chinook (CRIP), Apache (ARIP) or Unmanned aircraft (URIP) Readiness Improvement Program mailing list, visit the following...
12-Mar-20	Black Hawk: ESSS CEFS Modification Kits Needed	<a href="https://www.psmagazine.army.mil/News/Article/2107686/black-hawk-esss-cefs-modification-kits-needed/">https://www.psmagazine.army.mil/News/Article/2107686/black-hawk-esss-cefs-modification-kits-needed/</a>	Mechanics, If your UH-60 aircraft has the external stores support system (ESSS) installed, listen up! ESSS wings are attached to the aircraft to hold external fuel tanks. When new ESSS crashworthy external fuel system (CEFS) tanks are issued, the ESSS wing system must be modified with the new ESSS CEFS...
20-Mar-20	UAV: Keep Your Shadow Mission-Capable	<a href="https://www.psmagazine.army.mil/News/Article/2119614/uav-keep-your-shadow-mission-capable/">https://www.psmagazine.army.mil/News/Article/2119614/uav-keep-your-shadow-mission-capable/</a>	Operators and mechanics, Keeping your Shadow aircraft mission-capable is a team effort. Over the past year, PM TUAS took the Shadow through a system review. They worked with the original equipment manufacturer (OEM) to understand and decrease Shadow mishaps. The after-action report came up with some...
7-Apr-20	Aviation: Need to Set Up an ALSE Shop?	<a href="https://www.psmagazine.army.mil/News/Article/2140959/aviation-need-to-set-up-an-alse-shop/">https://www.psmagazine.army.mil/News/Article/2140959/aviation-need-to-set-up-an-alse-shop/</a>	This article initially appeared in PS 799, Page 25. Every unit needs an aviation life support equipment (ALSE) shop technical library to keep the mission going...
8-Apr-20	Need Aircraft Crash Kit NSN?	<a href="https://www.psmagazine.army.mil/News/Article/2141095/need-aircraft-crash-kit-nsn/">https://www.psmagazine.army.mil/News/Article/2141095/need-aircraft-crash-kit-nsn/</a>	This article initially appeared in PS 798, pages 38-39. Dear Sergeant Blade, I'm looking for a new aviation crash kit NSN...
8-Apr-20	MEDEVAC: New Rescue Hoist Vest Approved	<a href="https://www.psmagazine.army.mil/News/Article/2141307/medevac-new-rescue-hoist-vest-approved/">https://www.psmagazine.army.mil/News/Article/2141307/medevac-new-rescue-hoist-vest-approved/</a>	This article initially appeared in PS 801, page 22. When it comes to rescue hoist operations, having the right equipment is vital...

8-Apr-20	Aviation: Radar Receiver Gets New Processor	<a href="https://www.psmagazine.army.mil/News/Article/2142044/aviation-radar-receiver-gets-new-processor/">https://www.psmagazine.army.mil/News/Article/2142044/aviation-radar-receiver-gets-new-processor/</a>	This article initially appeared in PS 801, page 26. the AN/APR-39A(v)4 radar warning system uses the CP-1597B processor, NSN 5985-01-445-6940, as its primary component...
9-Apr-20	Aviation: 2410 Hotline Team	<a href="https://www.psmagazine.army.mil/News/Article/2142865/aviation-2410-hotline-team/">https://www.psmagazine.army.mil/News/Article/2142865/aviation-2410-hotline-team/</a>	Dear Editor, I run the DA Form 2410 hotline that assists aviation Soldiers with data issues concerning components that are tracked and have life limits. I'd like to share an article written about my team, the work we do and the support we provide on a daily basis. Our team has over 450 years of combined aviation experience. ...
10-Apr-20	UH-60L Black Hawk: CECOM Needs Parts Turned In ASAP	<a href="https://www.psmagazine.army.mil/News/Article/2145363/uh-60l-black-hawk-cecom-needs-parts-turned-in-asap/">https://www.psmagazine.army.mil/News/Article/2145363/uh-60l-black-hawk-cecom-needs-parts-turned-in-asap/</a>	Commanders, maintenance techs and maintainers, If you have any excess cockpit indicators, navigation equipment, control heads or aircraft communications equipment, dust 'em off and turn 'em in to supply. Continued sustainment of the UH-60L airframes for the next 15-plus years depends on you. So help CECOM out...
16-Apr-20	AH-64/UH/HH-60: Keep Feet Off Engines!	<a href="https://www.psmagazine.army.mil/News/Article/2151446/ah-64uhhh-60-keep-feet-off-engines/">https://www.psmagazine.army.mil/News/Article/2151446/ah-64uhhh-60-keep-feet-off-engines/</a>	This article initially appeared in PS 794 pages 22-23. ...
23-Apr-20	AGSE: For Want of a Light Bulb	<a href="https://www.psmagazine.army.mil/News/Article/2160909/agse-for-want-of-a-light-bulb/">https://www.psmagazine.army.mil/News/Article/2160909/agse-for-want-of-a-light-bulb/</a>	This letter to SFC Blade initially appeared in PS 797 (APR 19), Page 23. Dear Sergeant Blade, I have the newly fielded Aviation Light Utility Mobile Maintenance Cart (ALUMMC), NSN 1740-01-632-9476...
24-Apr-20	T700 Aircraft Engines: Inspect Cold Section Modules Before Turn-in	<a href="https://www.psmagazine.army.mil/News/Article/2162971/t700-aircraft-engines-inspect-cold-section-modules-before-turn-in/">https://www.psmagazine.army.mil/News/Article/2162971/t700-aircraft-engines-inspect-cold-section-modules-before-turn-in/</a>	This article initially appeared in PS 800 (Jul 19), page 24. Mechanics, are you eyeballing the T701 engine's cold section module (CSM) blades for erosion? That's not good enough! ...

28-Apr-20	AH-64: Keep Track of Your MUMT	<a href="https://www.psmagazine.army.mil/News/Article/2167783/ah-64-keep-track-of-your-mumt/">https://www.psmagazine.army.mil/News/Article/2167783/ah-64-keep-track-of-your-mumt/</a>	This article initially appeared in PS 799 (Jun '19), p 24. Mechanics, aircraft transfers happen on a regular basis. Factors like model upgrades, transfers, or movement of aircraft into theater mean you need to know the where's and why's of tracking transferred equipment...
5-May-20	CH-47: Use the Right ILCA Jam Test Tool Before Flight	<a href="https://www.psmagazine.army.mil/News/Article/2176995/ch-47-use-the-right-ilca-jam-test-tool-before-flight/">https://www.psmagazine.army.mil/News/Article/2176995/ch-47-use-the-right-ilca-jam-test-tool-before-flight/</a>	This article initially appeared in PS 794 (Jan 19), Pages 20-21...
5-May-20	Black Hawk: Arctic Maintenance Care in Alaska	<a href="https://www.psmagazine.army.mil/News/Article/2177244/black-hawk-arctic-maintenance-care-in-alaska/">https://www.psmagazine.army.mil/News/Article/2177244/black-hawk-arctic-maintenance-care-in-alaska/</a>	Mechanics and repairers, Your ability to prevent damage to aircraft systems in varying Alaska cold-weather conditions has an impact on your UH-60 aircraft being able to operate when needed. Cold weather is a threat to you, your crew and everyone who maintains the aircraft. Even when moving an aircraft into the hangar...
6-May-20	Black Hawk: Aircraft Tow Bridle Now Available	<a href="https://www.psmagazine.army.mil/News/Article/2177962/black-hawk-aircraft-tow-bridle-now-available/">https://www.psmagazine.army.mil/News/Article/2177962/black-hawk-aircraft-tow-bridle-now-available/</a>	Mechanics, If you haven't heard, a new tow bridle kit (multiple leg sling), NSN 3940-01-672-4165, can be used for all H-60L/M/V model Black Hawk helicopters during C5 and C17 loadouts. Because the kit is managed by DLA, also use AMCOM cage code 6K5F7 and part number TB37000A when you order the kit. ...
11-May-20	All Aircraft: Emergency Response Methodology	<a href="https://www.psmagazine.army.mil/News/Article/2181925/all-aircraft-emergency-response-methodology/">https://www.psmagazine.army.mil/News/Article/2181925/all-aircraft-emergency-response-methodology/</a>	Aviation crews, A recent US Army Aviation Center of Excellence (USAACE) analysis of mishaps showed a need for training in crew reactions to aircraft emergencies, especially when it comes to large-scale combat operations (LSCO) flight profiles with junior aircrew. In past decades, crewmember responses to...
11-May-20	Aircraft: Maintenance Situational Unawareness	<a href="https://www.psmagazine.army.mil/News/Article/2182609/aircraft-maintenance-situational-unawareness/">https://www.psmagazine.army.mil/News/Article/2182609/aircraft-maintenance-situational-unawareness/</a>	Mechanics, Aircraft maintenance is very important for mission success and so is maintenance situational awareness. The two go hand-in hand. The US Army Aviation Center of Excellence and Fort Rucker published an article about maintenance situational unawareness. Take a look at the attached PDF article...

19-May-20	Aircraft: Win the Battle of the Birds	<a href="https://www.psmagazine.army.mil/News/Article/2191912/aircraft-win-the-battle-of-the-birds/">https://www.psmagazine.army.mil/News/Article/2191912/aircraft-win-the-battle-of-the-birds/</a>	Mechanics, The old saying, "Birds of a feather flock together," is not just a saying, but it's happening inside aircraft hangars. Birds love to set up shop inside hangars to nest and breed. They leave droppings, which is always a problem. Birds nesting in the rafters of your hangar can damage helicopters because bird...
20-May-20	H-60A/L and CH-47F: Software Updated for EAWIS?	<a href="https://www.psmagazine.army.mil/News/Article/2192011/h-60al-and-ch-47f-software-updated-for-eawis/">https://www.psmagazine.army.mil/News/Article/2192011/h-60al-and-ch-47f-software-updated-for-eawis/</a>	This article initially appeared in PS 796 (MAR '19), p. 26. Mechanics, if your Chinook or Black Hawk aircraft has the encrypted airborne wireless intercommunication system (EAWIS), you may need a software update. ...
21-May-20	Apache: Keep the Birds Out	<a href="https://www.psmagazine.army.mil/News/Article/2193411/apache-keep-the-birds-out/">https://www.psmagazine.army.mil/News/Article/2193411/apache-keep-the-birds-out/</a>	Crew chiefs, It's that time of year again when those fine-feathered friends target your Apache and become stowaways to build nests for their little ones. Birds use whatever they can to make nests, such as grass, small pieces of wiring or other material. Bird nests are a FOD problem you need to pay attention to. The nests...
22-May-20	Shadow: Cable Turn-in and Maintenance	<a href="https://www.psmagazine.army.mil/News/Article/2195643/shadow-cable-turn-in-and-maintenance/">https://www.psmagazine.army.mil/News/Article/2195643/shadow-cable-turn-in-and-maintenance/</a>	Maintainers, Taking care of your Shadow cables begins with turning in unserviceable cables, regardless of the SMR code. All Shadow units need to turn cables in to their supporting contractor logistics support (CLS) office or log point. If your unit is not co-located, contact the----- field service...
26-May-20	UH-60A/L Black Hawk: Block Birds from Building Nests	<a href="https://www.psmagazine.army.mil/News/Article/2196251/uh-60al-black-hawk-block-birds-from-building-nests/">https://www.psmagazine.army.mil/News/Article/2196251/uh-60al-black-hawk-block-birds-from-building-nests/</a>	Dear Sergeant Blade, I'm reaching out for any information on systems, covers or plugs that are used by units to deal with birds nesting on aircraft. Where I'm stationed, bird nests are an annual issue. We've tried to locally produce foam pads that are used between the stabilator and the camber fairing, but they always...
27-May-20	Get the Right Boots for Aviation	<a href="https://www.psmagazine.army.mil/News/Article/2197976/get-the-right-boots-for-aviation/">https://www.psmagazine.army.mil/News/Article/2197976/get-the-right-boots-for-aviation/</a>	This article initially appeared in PS 777 (Aug '17), pages 20-21. When it's time for new boots, some aviators are ordering the standard issue Coyote hot weather Army combat boot. But it's not authorized for aviation. ...



3-Jun-20	CH-47D/F: Give Birds the Boot	<a href="https://www.psmagazine.army.mil/News/Article/2205800/ch-47df-give-birds-the-boot/">https://www.psmagazine.army.mil/News/Article/2205800/ch-47df-give-birds-the-boot/</a>	Birds love to make nests any place they can. On the Chinook, birds target the rotor head. So in the battle to stop birds from nesting on your rotor head, it's in your best interest to pull out those rotor head covers...
4-Jun-20	Aviation: Dealing With Bi	<a href="https://www.psmagazine.army.mil/News/Article/2206953/aviation-dealing-with-birds-and-nests-in-aircraft-and-hangars/">https://www.psmagazine.army.mil/News/Article/2206953/aviation-dealing-with-birds-and-nests-in-aircraft-and-hangars/</a>	The old saying, "birds of a feather flock together," is not just a turn of the phrase, but a reality that's happening on and inside Black Hawks, Apaches, Chinooks and aircraft hangars.
5-Jun-20	Aircraft General: Tie Down and Moor Aircraft per TMs	<a href="https://www.psmagazine.army.mil/News/Article/2209306/aircraft-general-tie-down-and-moor-aircraft-per-tms/">https://www.psmagazine.army.mil/News/Article/2209306/aircraft-general-tie-down-and-moor-aircraft-per-tms/</a>	When high winds kick up on the flight line, make sure you tie down and moor your aircraft like the -10 TM and TM 1-1500-250-23 (Aug 90) say. Your first step is to carefully read the aircraft's -10 TM for typical blade tie-down and mooring instructions.
8-Jun-20	Shadow: Battery Maintenance Training	<a href="https://www.psmagazine.army.mil/News/Article/2211022/shadow-battery-maintenance-training/">https://www.psmagazine.army.mil/News/Article/2211022/shadow-battery-maintenance-training/</a>	Shadow units, getting the full 10-year service life out of your lithium battery for the RQ-7B Shadow requires proper lithium battery maintenance and care.
11-Jun-20	Aircraft: COVID-19 Disinfectant Recommendations	<a href="https://www.psmagazine.army.mil/News/Article/2215386/aircraft-covid-19-disinfectant-recommendations/">https://www.psmagazine.army.mil/News/Article/2215386/aircraft-covid-19-disinfectant-recommendations/</a>	Protecting yourself, your aircraft and everyone around you in a COVID-19 environment is important. In this new normal dealing with COVID-19, it's important to remind you of the approved cleaning solution for all aircraft to get rid of chemical, ...
12-Jun-20	ALSE: Got Under Breathing Device Issues?	<a href="https://www.psmagazine.army.mil/News/Article/2216875/alse-got-underwater-breathing-device-issues/">https://www.psmagazine.army.mil/News/Article/2216875/alse-got-underwater-breathing-device-issues/</a>	Units with the Aqua Lung survival egress air breathing system, including SEA-MK and SEA/LV2 versions, listen up! During rapid purging situations, the HP seat disc material of the first stage ON/OFF valve may poke out from the seat...

17-Jun-20	Chinook: TM Change Coming	<a href="https://www.psmagazine.army.mil/News/Article/2222850/chinook-tm-change-coming/">https://www.psmagazine.army.mil/News/Article/2222850/chinook-tm-change-coming/</a>	A DA Form 2028 change request has been approved for the Chinook F-model, TM 1-1520-271-23&P (Aug 18).
19-Jun-20	Black Hawk: Repair Parts Need Turn-In	<a href="https://www.psmagazine.army.mil/News/Article/2225146/black-hawk-repair-parts-need-turn-in/">https://www.psmagazine.army.mil/News/Article/2225146/black-hawk-repair-parts-need-turn-in/</a>	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.
24-Jun-20	New Zeta III Helmet Liners Available	<a href="https://www.psmagazine.army.mil/News/Article/2231123/new-zeta-iii-helmet-liners-available/">https://www.psmagazine.army.mil/News/Article/2231123/new-zeta-iii-helmet-liners-available/</a>	Helmets are important when flying aircraft. Just as important are the helmet liners. They need to fit your noggin well to ensure both safety and comfort.
26-Jun-20	Apache/Longbow-Apache: Horizontal Stabilator Bearing Kit Available	<a href="https://www.psmagazine.army.mil/News/Article/2233355/apachelongbow-apache-horizontal-stabilator-bearing-kit-available/">https://www.psmagazine.army.mil/News/Article/2233355/apachelongbow-apache-horizontal-stabilator-bearing-kit-available/</a>	A new horizontal stabilator bearing removal, installation and staking kit (DMT-1018), NSN 4920-01-680-4199, was developed to make it easier for you to replace the AH-64D/E pivot bearings.
6-Jul-20	AH-64E: Keep Moisture Out of NIU	<a href="https://www.psmagazine.army.mil/News/Article/2256096/ah-64e-keep-moisture-out-of-niu/">https://www.psmagazine.army.mil/News/Article/2256096/ah-64e-keep-moisture-out-of-niu/</a>	The AH-64E Apache's nitrogen inerting unit (NIU), NSN 1560-01-587-1028, is designed to reduce oxygen in the aircraft's fuel cells to prevent combustion.
7-Jul-20	Aviation: Take Control of CORROSION	<a href="https://www.psmagazine.army.mil/News/Article/2261472/aviation-take-control-of-corrosion/">https://www.psmagazine.army.mil/News/Article/2261472/aviation-take-control-of-corrosion/</a>	Aircraft multipin electrical connectors are the electrical interface between the aircraft and avionics systems. The failure of just one electrical connector could lead to a minor system failure at best, or a catastrophic failure at worst.

8-Jul-20	Aircraft: FOD Control is a Must	<a href="https://www.psmagazine.army.mil/News/Article/2266784/aircraft-fod-control-is-a-must/">https://www.psmagazine.army.mil/News/Article/2266784/aircraft-fod-control-is-a-must/</a>	Foreign object debris (FOD) is the culprit behind foreign object damage (FOD) to aircraft. In the rest of this article, FOD will be used to refer only to foreign object debris.
17-Jul-20	Aircraft: Flying Helicopters in Thunderstorms	<a href="https://www.psmagazine.army.mil/News/Article/2278784/aircraft-flying-helicopters-in-thunderstorms/">https://www.psmagazine.army.mil/News/Article/2278784/aircraft-flying-helicopters-in-thunderstorms/</a>	Pilots, if you've ever been in a thunderstorm while flying your helicopter, you know it can be treacherous for the aircraft, your crew and equipment. Before you even encounter a thunderstorm, check out Army Regulation (AR) 95-1 and ...
17-Jul-20	Lakota: Use Only Authorized Equipment!	<a href="https://www.psmagazine.army.mil/News/Article/2278658/lakota-use-only-authorized-equipment/">https://www.psmagazine.army.mil/News/Article/2278658/lakota-use-only-authorized-equipment/</a>	Since the UH-72A was fielded, there have been a number of incidents involving ground handling of the Lakota with unauthorized equipment that resulted in aircraft damage and hefty repair costs.
17-Jul-20	Lakota: Heat Blanket Protects Engine Cowlings	<a href="https://www.psmagazine.army.mil/News/Article/2278506/lakota-heat-blanket-protects-engine-cowlings/">https://www.psmagazine.army.mil/News/Article/2278506/lakota-heat-blanket-protects-engine-cowlings/</a>	Have you noticed discoloration or blistering on the inside of the Lakota's engine cowlings near the exhaust?
21-Jul-20	Shadow: Pegasus Oil Still OK to Use?	<a href="https://www.psmagazine.army.mil/News/Article/2281056/shadow-pegasus-oil-still-ok-to-use/">https://www.psmagazine.army.mil/News/Article/2281056/shadow-pegasus-oil-still-ok-to-use/</a>	There are questions from Shadow maintainers about the type of oil that's used in the aircraft.
27-Jul-20	Aviation: Safety of Flight Messages Save Lives	<a href="https://www.psmagazine.army.mil/News/Article/2286705/aviation-safety-of-flight-messages-save-lives/">https://www.psmagazine.army.mil/News/Article/2286705/aviation-safety-of-flight-messages-save-lives/</a>	Sometimes there are problems with equipment that are serious enough to warrant an immediate, force-protection alert to the field to avert expensive repairs, ensure safety and save lives.

31-Jul-20	Apache: Ship Servocylinders in Original Containers	<a href="https://www.psmagazine.army.mil/News/Article/2295461/apache-ship-servocylinders-in-original-containers/">https://www.psmagazine.army.mil/News/Article/2295461/apache-ship-servocylinders-in-original-containers/</a>	When you receive a new servocylinder for your Apache, make sure you place the unserviceable servocylinder it's replacing in that container and return it for repair or overhaul.
31-Jul-20	Logistics Management: Use Containers for Unserviceable Returns	<a href="https://www.psmagazine.army.mil/News/Article/2296388/logistics-management-use-containers-for-unserviceable-returns/">https://www.psmagazine.army.mil/News/Article/2296388/logistics-management-use-containers-for-unserviceable-returns/</a>	Aviation ground support and common aircraft components are being returned without their containers. Returning these parts without the containers increases repair turnaround time...
3-Aug-20	Aviation: PSTS Component List Makes Inventory Easy!	<a href="https://www.psmagazine.army.mil/News/Article/2297714/aviation-psts-component-list-makes-inventory-easy/">https://www.psmagazine.army.mil/News/Article/2297714/aviation-psts-component-list-makes-inventory-easy/</a>	When it's time to inventory or test the pitot static systems on your aircraft, make sure you have everything you need.
5-Aug-20	Aviation: FARP Helmet Parts Update	<a href="https://www.psmagazine.army.mil/News/Article/2300200/aviation-farp-helmet-parts-update/">https://www.psmagazine.army.mil/News/Article/2300200/aviation-farp-helmet-parts-update/</a>	For those flying Apache E-model aircraft, the headset mouthpiece can move around and get in the way while crawling under and around the aircraft during re-arming.
6-Aug-20	CH-47F: Another Tow Option for Chinook	<a href="https://www.psmagazine.army.mil/News/Article/2301805/ch-47f-another-tow-option-for-chinook/">https://www.psmagazine.army.mil/News/Article/2301805/ch-47f-another-tow-option-for-chinook/</a>	If your unit still has the Chinook's old single axle/wheel tow bar, you have to rotate the left rear wheel 120 degrees before hookup. That's to keep the landing gear from snapping during towing.
6-Aug-20	MEDEVAC: How to Get BAM Window Parts	<a href="https://www.psmagazine.army.mil/News/Article/2303449/medevac-how-to-get-bam-window-parts/">https://www.psmagazine.army.mil/News/Article/2303449/medevac-how-to-get-bam-window-parts/</a>	The Black Hawk Advanced MEDEVAC (BAM) window on your MEDEVAC consists of several parts that can be replaced at the unit level.

7-Aug-20	Apache: Turn-ins Reduce Repair Parts Shortage	<a href="https://www.psmagazine.army.mil/News/Article/2304985/apache-turn-ins-reduce-repair-parts-shortage/">https://www.psmagazine.army.mil/News/Article/2304985/apache-turn-ins-reduce-repair-parts-shortage/</a>	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.
13-Aug-20	Aviation: Updated Calibration and Repair TB Published	<a href="https://www.psmagazine.army.mil/News/Article/2311868/aviation-updated-calibration-and-repair-tb-published/">https://www.psmagazine.army.mil/News/Article/2311868/aviation-updated-calibration-and-repair-tb-published/</a>	Make a note that TB 43-180, Calibration and Repair Requirements for the Maintenance of Army Material (Aug 20), has been updated.
25-Aug-20	Aviation: Saft Battery Not Responding?	<a href="https://www.psmagazine.army.mil/News/Article/2323803/aviation-saft-battery-not-responding/">https://www.psmagazine.army.mil/News/Article/2323803/aviation-saft-battery-not-responding/</a>	Operators, if your aircraft has the AN/APX-123/123A receiver-transmitter, NSNs 5895-01-539-9151 or 5895-01-628-5190, and the newly replaced SAFT* battery, NSN 6135-01-529-0122, (PN A3308909-2), won't clear the low battery indicator, don't fret.
27-Aug-20	Apache: New Fuel Tanks Coming	<a href="https://www.psmagazine.army.mil/News/Article/2327126/apache-new-fuel-tanks-coming/">https://www.psmagazine.army.mil/News/Article/2327126/apache-new-fuel-tanks-coming/</a>	If you haven't heard, a new reduced-sized crashworthy external fuel system (RCEFS), NSN 1560-01-564-2584, is coming to your AH-64E aircraft.
27-Aug-20	Shadow: Pitot Tube Discoloration Corrective Action	<a href="https://www.psmagazine.army.mil/News/Article/2327601/shadow-pitot-tube-discoloration-corrective-action/">https://www.psmagazine.army.mil/News/Article/2327601/shadow-pitot-tube-discoloration-corrective-action/</a>	If you've been stumped about when it's time to change out your Shadow's pitot tube due to discoloration, check out the good word in TM 1-1550-1689-23&P (Apr 20).
14-Sep-20	UAS: Readiness Reporting Key to Mission Readiness	<a href="https://www.psmagazine.army.mil/News/Article/2345467/uas-readiness-reporting-key-to-mission-readiness/">https://www.psmagazine.army.mil/News/Article/2345467/uas-readiness-reporting-key-to-mission-readiness/</a>	Maintaining readiness for your Shadow, Gray Eagle and all unmanned aerial vehicles (UAVs) means knowing the who, what, when, where and why of readiness reporting, so it can be done in a timely manner.

14-Sep-20	UH-60M: Replacement Searchlight Now Available!	<a href="https://www.psmagazine.army.mil/News/Article/2344551/uh-60m-replacement-searchlight-now-available/">https://www.psmagazine.army.mil/News/Article/2344551/uh-60m-replacement-searchlight-now-available/</a>	The searchlights on UH-60M helicopters have a problem: Their light sometimes dissipates. Good news! Those old searchlights, NSN 6230- 01-556-7911, are being replaced.
14-Sep-20	MEDEVAC: Hoist Bumper Spring Assembly Part Number Correction	<a href="https://www.psmagazine.army.mil/News/Article/2345665/medevac-hoist-bumper-spring-assembly-part-number-correction/">https://www.psmagazine.army.mil/News/Article/2345665/medevac-hoist-bumper-spring-assembly-part-number-correction/</a>	The MEDEVAC hoist bumper/spring assembly in both TM 1-1520-237-23&P (Jan 19) and TM 1-1520-280-23&P (Mar 20) has the incorrect obsolete part number, BL-12750-3.
28-Sep-20	AH-64D/E: Folding Blades and Aircraft Transport	<a href="https://www.psmagazine.army.mil/News/Article/2363835/ah-64de-folding-blades-and-aircraft-transport/">https://www.psmagazine.army.mil/News/Article/2363835/ah-64de-folding-blades-and-aircraft-transport/</a>	Folding Apache blades and transporting aircraft isn't as simple as it seems. That's why it's important to have the right tools and support.
30-Sep-20	Blackhawk: MEDEVAC Has New Online Forum	<a href="https://www.psmagazine.army.mil/News/Article/2365211/blackhawk-medevac-has-new-online-forum/">https://www.psmagazine.army.mil/News/Article/2365211/blackhawk-medevac-has-new-online-forum/</a>	Good news! A new forum has been launched by MEDEVAC for all members of the MEDEVAC family. It's called the MEDEVAC Improvement Forum (MEDIF).
20-Oct-20	Blackhawk: How to Avoid Credit Reversal with Unserviceable Turn-ins	<a href="https://www.psmagazine.army.mil/News/Article/2387655/blackhawk-how-to-avoid-credit-reversal-with-unserviceable-turn-ins/">https://www.psmagazine.army.mil/News/Article/2387655/blackhawk-how-to-avoid-credit-reversal-with-unserviceable-turn-ins/</a>	Mechanics, when you have unserviceable parts, why keep them on the shelf piling up when you can turn them in for credit?
20-Oct-20	Blackhawk: MEDEVAC Equipment 2410 Update	<a href="https://www.psmagazine.army.mil/News/Article/2387607/blackhawk-medevac-equipment-2410-update/">https://www.psmagazine.army.mil/News/Article/2387607/blackhawk-medevac-equipment-2410-update/</a>	If you're wondering where PD MEDEVAC is in converting the internal and external hoists and their associated pendants into items tracked by DA Form 2410, listen up!

21-Oct-20	MEDEVAC: Oxygen Bottle Bracket Update	<a href="https://www.psmagazine.army.mil/News/Article/2388989/medevac-oxygen-bottle-bracket-update/">https://www.psmagazine.army.mil/News/Article/2388989/medevac-oxygen-bottle-bracket-update/</a>	In Dec 2019, PS told you what to do when the interim MEDEVAC mission support system (IMMSS) oxygen bottle brackets crack or break and how to get replacements until an NSN was assigned.
26-Oct-20	H-60, AH-64, AGPU: New Hydraulic Filters Reduce Failures	<a href="https://www.psmagazine.army.mil/News/Article/2391456/h-60-ah-64-agpu-new-hydraulic-filters-reduce-failures/">https://www.psmagazine.army.mil/News/Article/2391456/h-60-ah-64-agpu-new-hydraulic-filters-reduce-failures/</a>	When hydraulic filters don't do their job, it leads to system contamination, component failure and flight safety concerns.
28-Oct-20	MEDEVAC: External Rescue Hoist Bolt Update	<a href="https://www.psmagazine.army.mil/News/Article/2396778/medevac-external-rescue-hoist-bolt-update/">https://www.psmagazine.army.mil/News/Article/2396778/medevac-external-rescue-hoist-bolt-update/</a>	Back in 2017, PD MEDEVAC published Aviation Maintenance Action Message (AMAM) H-60-17-AMAM-07 to instruct units to inspect for corrosion on part of the H-60A/L externally mounted rescue hoist (EMRH) system.
4-Nov-20	All Aircraft: The Importance of DA Form 2410	<a href="https://www.psmagazine.army.mil/News/Article/2404046/all-aircraft-the-importance-of-da-form-2410/">https://www.psmagazine.army.mil/News/Article/2404046/all-aircraft-the-importance-of-da-form-2410/</a>	Whenever you remove components, sub-components or higher assembly components from an aircraft, it's always in your best interest to complete a DA Form 2410 and distribute it like it says in DA PAM 738-751 (Feb 14).
4-Nov-20	CH-47D/F: Where to Store Tie-Down Chains	<a href="https://www.psmagazine.army.mil/News/Article/2404492/ch-47df-where-to-store-tie-down-chains/">https://www.psmagazine.army.mil/News/Article/2404492/ch-47df-where-to-store-tie-down-chains/</a>	Mechanics, storing Chinook tie-down chains or anything else in the canted beams area by the ramp only results in damage to your aircraft.
9-Nov-20	All Aircraft: Avoid Rolling Catastrophes!	<a href="https://www.psmagazine.army.mil/News/Article/2408309/all-aircraft-avoid-rolling-catastrophes/">https://www.psmagazine.army.mil/News/Article/2408309/all-aircraft-avoid-rolling-catastrophes/</a>	A chunk of wood is all that's between you and potential disaster. All aircraft should be chocked whenever they're parked, whether they're in the hangar or on the flight line.

12-Nov-20	Aviation: Enroll Online for Corrosion Monitor Training	<a href="https://www.psmagazine.army.mil/News/Article/2411880/aviation-enroll-online-for-corrosion-monitor-training/">https://www.psmagazine.army.mil/News/Article/2411880/aviation-enroll-online-for-corrosion-monitor-training/</a>	Battling aircraft corrosion starts with proper training. You can enroll for training with the Materials Science and Engineering Division Corrosion Program Office for ARMS recognized Corrosion Monitor training.
12-Nov-20	Black Hawk: Turn In Dig Switching Group	<a href="https://www.psmagazine.army.mil/News/Article/2412542/black-hawk-turn-in-dig-switching-group/">https://www.psmagazine.army.mil/News/Article/2412542/black-hawk-turn-in-dig-switching-group/</a>	Why keep unserviceable parts on the shelf in the back shops when you can turn them in for credit?
13-Nov-20	UH-60M: There's a New Shaft in Town!	<a href="https://www.psmagazine.army.mil/News/Article/2414842/uh-60m-theres-a-new-shaft-in-town/">https://www.psmagazine.army.mil/News/Article/2414842/uh-60m-theres-a-new-shaft-in-town/</a>	If you need to order a new main shaft extension assembly for the UH-60M Black Hawk, get it with NSN 1615-01-634-0170 (PN 70351-08186-047).
17-Nov-20	Apache: How to Get the Newsletter	<a href="https://www.psmagazine.army.mil/News/Article/2417634/apache-how-to-get-the-newsletter/">https://www.psmagazine.army.mil/News/Article/2417634/apache-how-to-get-the-newsletter/</a>	If you work on Apache aircraft, make a note that starting with Issue 92, all newsletter editions will be digital only. There will be no printed editions or mail outs to units.
23-Nov-20	All Aircraft: USACRC Has New Mishap Reporting Tool	<a href="https://www.psmagazine.army.mil/News/Article/2425181/all-aircraft-usacrc-has-new-mishap-reporting-tool/">https://www.psmagazine.army.mil/News/Article/2425181/all-aircraft-usacrc-has-new-mishap-reporting-tool/</a>	Reporting aircraft mishaps and near misses is a requirement. The US Army Combat Readiness Center has created a new tool for a more effective and streamlined process for reporting mishaps and near-misses.
4-Dec-20	Aviation: Aircraft Notebook URL Change	<a href="https://www.psmagazine.army.mil/News/Article/2435645/aviation-aircraft-notebook-url-change/">https://www.psmagazine.army.mil/News/Article/2435645/aviation-aircraft-notebook-url-change/</a>	Trying to find the aircraft notebook (ACN) website? As of 13 Nov 20, the ACN Help Desk customer service portal URL changed.



8-Dec-20	Aircraft: Get Ready for Old Man Winter	<a href="https://www.psmagazine.army.mil/News/Article/2438997/aircraft-get-ready-for-old-man-winter/">https://www.psmagazine.army.mil/News/Article/2438997/aircraft-get-ready-for-old-man-winter/</a>	As colder weather kicks in, be prepared to do battle against Old Man Winter so he doesn't ruin your day.
16-Dec-20	Black Hawk: Alternate Overhead Cockpit Windows Approved	<a href="https://www.psmagazine.army.mil/News/Article/2447953/black-hawk-alternate-overhead-cockpit-windows-approved/">https://www.psmagazine.army.mil/News/Article/2447953/black-hawk-alternate-overhead-cockpit-windows-approved/</a>	Pilots, the Utility Helicopters Project Office received Aviation Engineering Directorate (AED) approval to use tinted overhead "greenhouse" windows on all H-60 Black Hawk helicopters.
18-Dec-20	Blackhawk: Don't Stockpile Unserviceable Components	<a href="https://www.psmagazine.army.mil/News/Article/2450795/blackhawk-dont-stockpile-unserviceable-components/">https://www.psmagazine.army.mil/News/Article/2450795/blackhawk-dont-stockpile-unserviceable-components/</a>	Mechanics, the equipment listed in the table below has a low unserviceable return rate. So if you have any of these items hanging around in your shops, turn them in now!
18-Dec-20	Shadow: Tool Scrub for TUAS	<a href="https://www.psmagazine.army.mil/News/Article/2452427/shadow-tool-scrub-for-tuas/">https://www.psmagazine.army.mil/News/Article/2452427/shadow-tool-scrub-for-tuas/</a>	The UAS Project Management Office has a high-priority request for TUAS-Shadow units to turn in AVT and MSM toolboxes, while retaining specific tools from these kits.
23-Dec-20	PS Magazine: Help Us Help You	<a href="https://www.psmagazine.army.mil/News/Article/2455770/ps-magazine-help-us-help-you/">https://www.psmagazine.army.mil/News/Article/2455770/ps-magazine-help-us-help-you/</a>	Each day, emails from Soldiers and DoD civilians all over the world come into PS Magazine seeking answers to challenges they're facing while maintaining their vehicles and equipment. And each day, Half-Mast or a member of his team replies.

## Small Arms



Date	Article Title	Link	Excerpt
7-Jan-20	M2A1 Machine Gun: Install the M19 BFA the Right Way	<a href="https://www.psmagazine.army.mil/News/Article/2051920/m2a1-machine-gun-install-the-m19-bfa-the-right-way/">https://www.psmagazine.army.mil/News/Article/2051920/m2a1-machine-gun-install-the-m19-bfa-the-right-way/</a>	Dear Editor, Some Soldiers out there are just doing it wrong! They're trying to install the M19 blank firing attachment (BFA) over the flash suppressor of the M2A1 machine gun. Spoiler alert: it won't fit! The wrong way has Soldiers loosening the nuts so the clamping bolts reach the holes in the...
10-Jan-20	Small Arms: Secure Weapons Rack with the Right Locks	<a href="https://www.psmagazine.army.mil/News/Article/2053591/small-arms-secure-weapons-rack-with-the-right-locks/">https://www.psmagazine.army.mil/News/Article/2053591/small-arms-secure-weapons-rack-with-the-right-locks/</a>	When it comes to securing valuables, there are many locks to choose from. Just make sure you're using the right ones to lock up the weapons racks in your unit's arms room. To prevent potential problems, use the authorized locks listed in the graphic below to secure your weapons racks. Never use a lock set where one...
13-Jan-20	M2A1 Machine Gun: Marking the Gage	<a href="https://www.psmagazine.army.mil/News/Article/2055779/m2a1-machine-gun-marking-the-gage/">https://www.psmagazine.army.mil/News/Article/2055779/m2a1-machine-gun-marking-the-gage/</a>	I've seen Soldiers incorrectly marking M2A1 gages. Marking the M2A1 gage with a serial number is required. But care must be taken not to mark it in a critical area. Instead, Soldiers should attach a dog tag marked with the serial number. This is the incorrect way to mark a gage. More details are on Page 4 of TB 9-5220-216-24 (Jun...
13-Jan-20	M2A1 Machine Gun: Feed Tray Pin PM	<a href="https://www.psmagazine.army.mil/News/Article/2055904/m2a1-machine-gun-feed-tray-pin-pm/">https://www.psmagazine.army.mil/News/Article/2055904/m2a1-machine-gun-feed-tray-pin-pm/</a>	Dear Editor, Some Soldiers aren't using the right pin on their M2A1 machine gun's feed tray and that's an accident waiting to happen. They need to ensure the correct pin, 5315-00-731-2970, is in place. They should also check to see if the feed tray cover pin is missing, worn or has burrs...
24-Jan-20	M249 and M240 Machine Guns: Tag the Barrels	<a href="https://www.psmagazine.army.mil/News/Article/2064341/m249-and-m240-machine-guns-tag-the-barrels/">https://www.psmagazine.army.mil/News/Article/2064341/m249-and-m240-machine-guns-tag-the-barrels/</a>	Soldiers, Your M240 and M249 machine guns have two or more barrels. As you probably know, the barrel has to be gaged to the weapon. So make sure they're marked with the weapon serial number. Otherwise, confusion can occur. Here's a way to stop any confusion. Mark each barrel with the weapon serial number, followed by...
24-Jan-20	M192 Machine Gun Mount: T&E Inspection Criteria	<a href="https://www.psmagazine.army.mil/News/Article/2064834/m192-machine-gun-mount-te-inspection-criteria/">https://www.psmagazine.army.mil/News/Article/2064834/m192-machine-gun-mount-te-inspection-criteria/</a>	Proper PMCS is important. That's true even when it comes to the M192 machine gun mount's traverse and elevation (T&E) mechanism. Some of you may have reported that the M192's T&E mechanism is failing to hold its elevation while the weapon is mounted or even while firing! That's because the T&E's elevation can...

4-Feb-20	M120/M120A1 Mortar: Firing Pin Alignment Doesn't Have To Be Exact	<a href="https://www.psmagazine.army.mil/News/Article/2073141/m120m120a1-mortar-firing-pin-alignment-doesnt-have-to-be-exact/">https://www.psmagazine.army.mil/News/Article/2073141/m120m120a1-mortar-firing-pin-alignment-doesnt-have-to-be-exact/</a>	This article initially appeared in Issue PS 795, Page 35.
6-Feb-20	CROWS Draining HMMWV Batteries?	<a href="https://www.psmagazine.army.mil/News/Article/2075465/crows-draining-hmmwv-batteries/">https://www.psmagazine.army.mil/News/Article/2075465/crows-draining-hmmwv-batteries/</a>	Dear Half-Mast, We have had several reports of CROWS draining the M1165 HMMWV batteries even with CROWS completely shut down. Is there a fix for this? CW3 P.L. Dear Chief, Even with the CROWS properly turned off, there is a ghost draw of current. But this shouldn't be enough to drain the batteries...
6-Feb-20	CROWS: Quick-Release Pin NSN?	<a href="https://www.psmagazine.army.mil/News/Article/2076435/crows-quick-release-pin-nsn/">https://www.psmagazine.army.mil/News/Article/2076435/crows-quick-release-pin-nsn/</a>	Dear Half-Mast, I've tried ordering the M153 CROWS II quick-release pin (Item 1 in Fig 15 of TM 9-1090-219-23&P), but the NSN is terminal. Can you help? SFC A.H. Dear Sergeant, You bet! For the M2 machine gun assembly, order...
11-Feb-20	M16-Series Rifle and M4/M4A1 Carbine: Leave Rail, BUIS Alone	<a href="https://www.psmagazine.army.mil/News/Article/2080686/m16-series-rifle-and-m4m4a1-carbine-leave-rail-buis-alone/">https://www.psmagazine.army.mil/News/Article/2080686/m16-series-rifle-and-m4m4a1-carbine-leave-rail-buis-alone/</a>	Sometimes it's better just to leave things alone. Certainly that's the case with the M16 and M4/M4A1's mounting rail and backup iron sight (BUIS). Mounting Rail Soldiers, don't take off the upper portion of the mounting rail for cleaning. There's no need for cleaning it and only small arms...
13-Feb-20	M4 Carbine: How to Clear an 'Above the Bolt' Cartridge Jam	<a href="https://www.psmagazine.army.mil/News/Article/2081871/m4-carbine-how-to-clear-an-above-the-bolt-cartridge-jam/">https://www.psmagazine.army.mil/News/Article/2081871/m4-carbine-how-to-clear-an-above-the-bolt-cartridge-jam/</a>	Soldiers, ever needed to fix a jam on your M4 carbine? If the round is stuck above the bolt, you have a bad magazine. In the picture below, you can see where the ejector port has been scratched up by someone trying to clear the jam. Round is stuck between the front of the charging handle and the bolt; notice how the ejector...
21-Feb-20	Small Arms: New Barrel Erosion Gage Measures Different Rounds	<a href="https://www.psmagazine.army.mil/News/Article/2090035/small-arms-new-barrel-erosion-gage-measures-different-rounds/">https://www.psmagazine.army.mil/News/Article/2090035/small-arms-new-barrel-erosion-gage-measures-different-rounds/</a>	What rounds you fire through your M16 rifle or M4/M4A1 carbine make a difference in barrel erosion. That's why the Army is fielding a new bore erosion gage, NSN 5220-01-676-3452. The new gage takes different measurements according to whether you're primarily firing M855 or M855A1 rounds. Gaging to the specific...

21-Feb-20	M16-Series Rifle, M4/M4A1 Carbine: Food for Feeding Thought	<a href="https://www.psmagazine.army.mil/News/Article/2090054/m16-series-rifle-m4m4a1-carbine-food-for-feeding-thought/">https://www.psmagazine.army.mil/News/Article/2090054/m16-series-rifle-m4m4a1-carbine-food-for-feeding-thought/</a>	Dear Editor, I recently helped a unit with their pre-mobilization training. I noticed several instances of M16-series rifle and M4/M4A1 carbine misfires because of how the weapons were loaded. TM 9-1005-319-10 (Aug 16) shows how to load the M16 and M4 with the bolt in the closed or open...
21-Feb-20	Small Arms: Weapon Cleaning Kits May Be Cheaper by the Piece	<a href="https://www.psmagazine.army.mil/News/Article/2090060/small-arms-weapon-cleaning-kits-may-be-cheaper-by-the-piece/">https://www.psmagazine.army.mil/News/Article/2090060/small-arms-weapon-cleaning-kits-may-be-cheaper-by-the-piece/</a>	Dear Editor, I wanted to share with other PS readers the initiative of one of my high-speed NCOs, SGT Logan Thomas. SGT Logan Thomas After reading your story about individually purchasing items in weapons cleaning kits on Pages 27-34 of PS 747 (Feb 15), SGT Thomas created a weapons cleaning...
27-Feb-20	Small Arms: Give Weapons a Fighting Chance	<a href="https://www.psmagazine.army.mil/News/Article/2095367/small-arms-give-weapons-a-fighting-chance/">https://www.psmagazine.army.mil/News/Article/2095367/small-arms-give-weapons-a-fighting-chance/</a>	Dear Editor, As armament LARs, we've noticed two glaring problems when visiting arms rooms: no TMs or outdated TMs and insufficient cleaning supplies and tools. Without current -10 TMs and enough cleaning equipment, weapons don't have a fighting chance to do their jobs. Soldiers have to rely on what they...
9-Mar-20	M16-Series Rifle, M4/M4A1 Carbine: Rifle Charging Handle NSN?	<a href="https://www.psmagazine.army.mil/News/Article/2104464/m16-series-rifle-m4m4a1-carbine-rifle-charging-handle-nsn/">https://www.psmagazine.army.mil/News/Article/2104464/m16-series-rifle-m4m4a1-carbine-rifle-charging-handle-nsn/</a>	Dear Half-Mast, When I went through the new version of the M16 rifle/M4 carbine's TM 9-1005-319-23&P (Apr 19), I found no NSN listing for the M16/M4 charging handle in WP 0040-12. Can you help me out? Mr. N.T. Dear Sir, Yes, I can. A new charging handle comes with NSN 1005-00-017-9546. It was left out by...
9-Mar-20	M2A1 Machine Gun: Protect the Mounting Pin and CROWS Elevation Servo	<a href="https://www.psmagazine.army.mil/News/Article/2104483/m2a1-machine-gun-protect-the-mounting-pin-and-crows-elevation-servo/">https://www.psmagazine.army.mil/News/Article/2104483/m2a1-machine-gun-protect-the-mounting-pin-and-crows-elevation-servo/</a>	Dear Editor, Which is stronger: the CROWS elevation servo motor or the M2A1 machine gun mounting pin? Trick question! The answer is, neither. After the machine gun is removed from the mount, make sure to push the pin back in. You'll find the steps in WP 0016-7 of TM 9-1090-219-10 (Mar 17). ...
20-Mar-20	M240 Machine Gun: Front Mounting Bushing Can Spin	<a href="https://www.psmagazine.army.mil/News/Article/2117787/m240-machine-gun-front-mounting-bushing-can-spin/">https://www.psmagazine.army.mil/News/Article/2117787/m240-machine-gun-front-mounting-bushing-can-spin/</a>	Soldiers, we have an update on the M240 machine gun's front mounting bushing. If it spins...

26-Mar-20	M144 Mounts: New Pin and Bracket NSNs	<a href="https://www.psmagazine.army.mil/News/Article/2126399/m144-mounts-new-pin-and-bracket-nsns/">https://www.psmagazine.army.mil/News/Article/2126399/m144-mounts-new-pin-and-bracket-nsns/</a>	When the M144 mount story on Page 26 of PS 775 (Jun 17) was published, there were no NSNs for the M144 pin and bracket. But now NSNs are available. Correct pin with grooves Get the pin with NSN 1005-01-661-5317 (PN 13066238) and the bracket with NSN 5340-01-591-1342...
30-Mar-20	M240 Machine Gun: Not All Buffers Are the Same	<a href="https://www.psmagazine.army.mil/News/Article/2130329/m240-machine-gun-not-all-buffers-are-the-same/">https://www.psmagazine.army.mil/News/Article/2130329/m240-machine-gun-not-all-buffers-are-the-same/</a>	The story on the top of Page 39 in PS 801 (Aug 19) pointed out that units are seeing cracks in the M240 gun's channels where the buffer assembly and buttstock slide in. Cracks mean the M240 must be replaced. Check buffer housing stop for missing finish to prevent cracks in channels. Well, that guidance needs some...
2-Apr-20	M4 Carbine: Looking for the Missing BUIS NSN?	<a href="https://www.psmagazine.army.mil/News/Article/2134258/m4-carbine-looking-for-the-missing-buis-nsn/">https://www.psmagazine.army.mil/News/Article/2134258/m4-carbine-looking-for-the-missing-buis-nsn/</a>	The M4 back-up iron sight (BUIS) NSN was mistakenly left out of WP 0040 of TM 9-1005-319-23&P (Apr 19). But the NSN will be added to the TM when it gets updated. Until then, you can still order the BUIS with NSN 1005-01-484-8000...
7-Apr-20	M48 Machine Gun: Replacing Missing Solenoid Parts	<a href="https://www.psmagazine.army.mil/News/Article/2139945/m48-machine-gun-replacing-missing-solenoid-parts/">https://www.psmagazine.army.mil/News/Article/2139945/m48-machine-gun-replacing-missing-solenoid-parts/</a>	Dear Editor, When adjusting the timing on the solenoid of an M48 machine gun mounted on the M1117 ASV, sometimes the locking screw and washer get lost. Our search in both the M48 and M1117 TMs showed no replacements for the screw and washer. After some more checking, we finally found...
16-Apr-20	Small Arms: Degreasing and SFL Go Hand-In-Hand	<a href="https://www.psmagazine.army.mil/News/Article/2151296/small-arms-degreasing-and-sfl-go-hand-in-hand/">https://www.psmagazine.army.mil/News/Article/2151296/small-arms-degreasing-and-sfl-go-hand-in-hand/</a>	This article initially appeared in PS 792, pages 36-37. Solid film lubricant (SFL) is a powerful tool for fighting corrosion in small arms. When a weapon's protective coating wears off, SFL comes to the rescue. But you must follow this SFL procedure or you may be hurting more than helping your weapon...
20-Apr-20	Small Arms: Bore, Ammo Dry for Firing	<a href="https://www.psmagazine.army.mil/News/Article/2156007/small-arms-bore-ammo-dry-for-firing/">https://www.psmagazine.army.mil/News/Article/2156007/small-arms-bore-ammo-dry-for-firing/</a>	This Letter to the Editor initially appeared in PS 801 (Aug '19), p. 35. Dear Editor, PS has repeatedly emphasized the importance of running a cleaning or clearing rod through a weapon's barrel before firing to make sure there are no obstructions...

20-Apr-20	M9 Pistol: Flat Doesn't Always Mean a Flat Rejection	<a href="https://www.psmagazine.army.mil/News/Article/2156052/m9-pistol-flat-doesnt-always-mean-a-flat-rejection/">https://www.psmagazine.army.mil/News/Article/2156052/m9-pistol-flat-doesnt-always-mean-a-flat-rejection/</a>	This article initially appeared in PS 801 (Aug '19), p. 38. Too many M9 pistols are being declared NMC because their recoil springs have flat spots...
1-May-20	M320 Grenade Launcher: New Guidance for Buttstock Receiver Damage	<a href="https://www.psmagazine.army.mil/News/Article/2173163/m320-grenade-launcher-new-guidance-for-buttstock-receiver-damage/">https://www.psmagazine.army.mil/News/Article/2173163/m320-grenade-launcher-new-guidance-for-buttstock-receiver-damage/</a>	Operators, You'll find the preventive maintenance checks for the M320 grenade launcher on Page 0019-2 of TM 9-1010-232-10 (Nov 08, w/Ch 1, Apr 12). The BEFORE PMCS's Equipment Not Ready/Available If section for Item 1 tells you the weapon isn't ready if you see cracks, excessive wear or corrosion. But now TACOM has provided...
5-May-20	Mortars: Turn-in the Commanders Interface Computer	<a href="https://www.psmagazine.army.mil/News/Article/2174899/mortars-turn-in-the-commanders-interface-computer/">https://www.psmagazine.army.mil/News/Article/2174899/mortars-turn-in-the-commanders-interface-computer/</a>	Commanders Interface Computer Did you know the Commanders Interface (CI) computer, NSN 1220-01-534-9740, is being replaced by the Fire Control Computer (FCC), NSN 1220-612-7505? After the FCC's fielding, make sure to turn in the old CI computer. Turning in the old, ...
14-May-20	M2A1 Machine Gun: How to Install the Barrel Correctly	<a href="https://www.psmagazine.army.mil/News/Article/2187251/m2a1-machine-gun-how-to-install-the-barrel-correctly/">https://www.psmagazine.army.mil/News/Article/2187251/m2a1-machine-gun-how-to-install-the-barrel-correctly/</a>	Here at PS, we like to remind Soldiers and other readers of the importance of doing things right. History has shown that some Soldiers install the M2A1 barrel incorrectly. As a result, the barrel's alignment pin shears off and the whole barrel has to be replaced. In some cases, the receiver is damaged as well. At over...
19-May-20	M66 Ring Mount: Proper Service and Storage Is a Must!	<a href="https://www.psmagazine.army.mil/News/Article/2191687/m66-ring-mount-proper-service-and-storage-is-a-must/">https://www.psmagazine.army.mil/News/Article/2191687/m66-ring-mount-proper-service-and-storage-is-a-must/</a>	Some units that no longer need M66 ring mounts, NSN 1005-00-701-2810, have been told to transfer their ring mounts to units that need them. But all units aren't following the proper steps for servicing and storing...
12-Jun-20	PS Magazine: 2019 Index of Online Articles	<a href="https://www.psmagazine.army.mil/News/Article/2217806/ps-magazine-2019-index-of-online-articles/">https://www.psmagazine.army.mil/News/Article/2217806/ps-magazine-2019-index-of-online-articles/</a>	Some of our readers have asked for an index of the latest articles. We listened and created a 2019 PS index. It has all the PS Magazine articles that appeared on our website starting in mid-2019...

12-Jun-20	M17/M18 MHS: New Slide Function Check	<a href="https://www.psmagazine.army.mil/News/Article/2218171/m17m18-mhs-new-slide-function-check/">https://www.psmagazine.army.mil/News/Article/2218171/m17m18-mhs-new-slide-function-check/</a>	Soldiers, do you know the M17/M18 modular handgun system (MHS) has two different striker assemblies? One is called the current striker assembly and the other is the original striker assembly. Both will operate with or without the reset spring and are mission capable as long as the striker is retained by the safety lock...
19-Jun-20	Small Arms: Turning in Parts? Check SMR Codes	<a href="https://www.psmagazine.army.mil/News/Article/2226086/small-arms-turning-in-parts-check-smr-codes/">https://www.psmagazine.army.mil/News/Article/2226086/small-arms-turning-in-parts-check-smr-codes/</a>	This article initially appeared in PS 787 (Jun '18). Pay attention to the SMR codes when you turn in unserviceable Class IX small arms repair parts. Units are mistakenly turning in parts that should be disposed of at field level. ...
22-Jun-20	Small Arms: CCMCK Cautions	<a href="https://www.psmagazine.army.mil/News/Article/2227237/small-arms-ccmck-cautions/">https://www.psmagazine.army.mil/News/Article/2227237/small-arms-ccmck-cautions/</a>	We told you about the dangers of firing close combat mission capability kit (CCMCK) rounds without a proper weapon's cleaning in our story on Page 41 of PS 802 (Sep 19). Even after that warning, it seems some Soldiers aren't doing PMCS before firing CCMCK...
23-Jun-20	M17/M18 MHS: Is Your Pistol Acting Sluggish?	<a href="https://www.psmagazine.army.mil/News/Article/2229115/m17m18-mhs-is-your-pistol-acting-sluggish/">https://www.psmagazine.army.mil/News/Article/2229115/m17m18-mhs-is-your-pistol-acting-sluggish/</a>	Soldiers, is your M17/M18 pistol acting sluggish or the trigger won't reset? According to TACOM Maintenance Action Message MA 20-031, a safety and function check must be performed using the guidance in TM 9-1005-470-10 (Mar 19)...
8-Jul-20	M66 Ring Mount: Installation Kit for FMTV Has New NSN	<a href="https://www.psmagazine.army.mil/News/Article/2266720/m66-ring-mount-installation-kit-for-fmtv-has-new-nsn/">https://www.psmagazine.army.mil/News/Article/2266720/m66-ring-mount-installation-kit-for-fmtv-has-new-nsn/</a>	The old NSN for the M66 ring mount installation kit for your FMTV has been discontinued. Get a new kit using NSN 2540-01-570-2405...
27-Jul-20	M2 and M2A1 Machine Guns: Not All Parts Are Interchangeable	<a href="https://www.psmagazine.army.mil/News/Article/2289599/m2-and-m2a1-machine-guns-not-all-parts-are-interchangeable/">https://www.psmagazine.army.mil/News/Article/2289599/m2-and-m2a1-machine-guns-not-all-parts-are-interchangeable/</a>	Although the M2 and M2A1 .50-cal machine guns look alike, they aren't. So when units swap parts from one model to the other, they risk damaging the weapon and injuring Soldiers. If your unit has both machine guns, keep the weapons and spare parts separated ...



17-Aug-20	M151 Spotting Scope: Do You Have the Right NSN on the Books?	<a href="https://www.psmagazine.army.mil/News/Article/2314740/m151-spotting-scope-do-you-have-the-right-nsn-on-the-books/">https://www.psmagazine.army.mil/News/Article/2314740/m151-spotting-scope-do-you-have-the-right-nsn-on-the-books/</a>	Does your unit have the M151 spotting scope? If so, check the property book and make sure the right NSN is shown and the serial number is recorded correctly...
18-Aug-20	Small Arms: Security and Handling Tips	<a href="https://www.psmagazine.army.mil/News/Article/2316583/small-arms-security-and-handling-tips/">https://www.psmagazine.army.mil/News/Article/2316583/small-arms-security-and-handling-tips/</a>	Dear Editor, When Soldiers transport small arms to the shop for maintenance, they need to follow the guidance in AR 190-11, Physical Security of Arms Ammunition, and Explosives (Jan 19). ...
21-Aug-20	M224A1 60mm Mortar: Nut NSN Correction to TM	<a href="https://www.psmagazine.army.mil/News/Article/2320562/m224a1-60mm-mortar-nut-nsn-correction-to-tm/">https://www.psmagazine.army.mil/News/Article/2320562/m224a1-60mm-mortar-nut-nsn-correction-to-tm/</a>	There's a mistake in the latest pub for the 60mm mortar, TM 9-1010-233-23&P (Sep 16). The NSN listed for the recoil mechanism buffer's plain nut shown in Item 10 in Fig 6 of WP 0036 is incorrect...
14-Sep-20	M16-Series Rifle & M4 Carbine: Carrier Key Screw Ordering Advice	<a href="https://www.psmagazine.army.mil/News/Article/2346914/m16-series-rifle-m4-carbine-carrier-key-screw-ordering-advice/">https://www.psmagazine.army.mil/News/Article/2346914/m16-series-rifle-m4-carbine-carrier-key-screw-ordering-advice/</a>	If you're trying to order the carrier key screw, NSN 5305-00-992-7284, and it's being cancelled, here's why. There's an error in the DLA system, and they're working to fix it. Until then, order the next higher assembly...
24-Sep-20	Small Arms: Quarterly Inspection Exception to Policy	<a href="https://www.psmagazine.army.mil/News/Article/2360390/small-arms-quarterly-inspection-exception-to-policy/">https://www.psmagazine.army.mil/News/Article/2360390/small-arms-quarterly-inspection-exception-to-policy/</a>	Commanders and unit armorers, have you heard about the new exception to policy for quarterly services on small arms weapons? The Deputy Chief of Staff G4 has granted unit-level armorers who aren't MOS 91F permission to conduct quarterly services on M9, M16 and M4 families of weapons,...
30-Sep-20	M4 Carbine: Enhanced Function Check Reminder	<a href="https://www.psmagazine.army.mil/News/Article/2366402/m4-carbine-enhanced-function-check-reminder/">https://www.psmagazine.army.mil/News/Article/2366402/m4-carbine-enhanced-function-check-reminder/</a>	Dear Half-Mast, After receiving 30 M4A1 carbines from a lateral transfer, the gaining unit requested a service-upon-receipt inspection. This service, which should be conducted when receiving equipment from a transfer,...

21-Oct-20	Small Arms: How Often Should Weapons Be Cleaned?	<a href="https://www.psmagazine.army.mil/News/Article/2387804/small-arms-how-often-should-weapons-be-cleaned/">https://www.psmagazine.army.mil/News/Article/2387804/small-arms-how-often-should-weapons-be-cleaned/</a>	This article initially appeared in PS 784 (Mar 18), p. 41. Dear Half-Mast, Page 37 in PS 764(Jul 16) said that at least every 90 days an M16 rifle or M4 carbine should be cleaned and lubed. Is that true for all the weapons? SPC B.M. ...
21-Oct-20	Small Arms: Cleaning Tanks Do's and Don'ts	<a href="https://www.psmagazine.army.mil/News/Article/2388251/small-arms-cleaning-tanks-dos-and-donts/">https://www.psmagazine.army.mil/News/Article/2388251/small-arms-cleaning-tanks-dos-and-donts/</a>	This article initially appeared in PS 784 (Mar 18), p. 42. Units are better off never using cleaning tanks for their weapons, mainly because it's too easy to mix up bolts when many weapons are run through the tanks...
29-Oct-20	Small Arms: Ammunition Must be Clean and Dry	<a href="https://www.psmagazine.army.mil/News/Article/2397929/small-arms-ammunition-must-be-clean-and-dry/">https://www.psmagazine.army.mil/News/Article/2397929/small-arms-ammunition-must-be-clean-and-dry/</a>	Soldiers, word from the field is that some of you are reporting M16 and M4 bolt damage. The bolt locking lugs are cracking, breaking off, causing weapon stoppages, and creating a risk of injury and weapon damage...
3-Nov-20	M320 Grenade Launcher: Watch How You Store the Muzzle Cap	<a href="https://www.psmagazine.army.mil/News/Article/2402315/m320-grenade-launcher-watch-how-you-store-the-muzzle-cap/">https://www.psmagazine.army.mil/News/Article/2402315/m320-grenade-launcher-watch-how-you-store-the-muzzle-cap/</a>	Dear Editor, It looks like there's still a problem with how Soldiers are storing the M320 grenade launcher (GL) muzzle cap. As a result, the cap ends up getting misplaced, lost or shot off the GL. ...
12-Nov-20	M2A1 Machine Gun: When Is the Flat Spring Needed?	<a href="https://www.psmagazine.army.mil/News/Article/2412520/m2a1-machine-gun-when-is-the-flat-spring-needed/">https://www.psmagazine.army.mil/News/Article/2412520/m2a1-machine-gun-when-is-the-flat-spring-needed/</a>	Don't know if your M2A1 machine gun requires the flat spring, PN 5140428? Here's some help. The flat spring, NSN 1005-00-514-0428, PN 5140428, on the bottom of the M2A1 machine gun's receiver...
17-Nov-20	UTAP: You're Just a Click Away!	<a href="https://www.psmagazine.army.mil/News/Article/2417978/utap-youre-just-a-click-away/">https://www.psmagazine.army.mil/News/Article/2417978/utap-youre-just-a-click-away/</a>	This article initially appeared in PS 798 (May 19), p. 20-21. TACOM's Unit Training Assistance Program, UTAP, provides approved training materials for a variety of TACOM-managed equipment...

23-Dec-20

PS Magazine: Help Us  
Help You

<https://www.psmagazine.army.mil/News/Article/2455770/ps-magazine-help-us-help-you/>

Each day, emails from Soldiers and DoD civilians all over the world come into PS Magazine seeking answers to challenges they're facing while maintaining their vehicles and equipment. And each day, Half-Mast or a member of his team replies. In order to help you, ...

# CBRN



Date	Article Title	Link	Excerpt
22-Jul-19	M53A1 Mask: Technical Manual Released	<a href="https://www.psmagazine.army.mil/News/Article/1912217/m53a1-mask-technical-manual-released/">https://www.psmagazine.army.mil/News/Article/1912217/m53a1-mask-technical-manual-released/</a>	<p>TM 3-4240-552-13&amp;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...</p>
30-Jan-20	M26 Decon: Pump Oil Pointer	<a href="https://www.psmagazine.army.mil/News/Article/2069730/m26-decon-pump-oil-pointer/">https://www.psmagazine.army.mil/News/Article/2069730/m26-decon-pump-oil-pointer/</a>	<p>The M26 Decon needs an oil designed for continuous use at high loads and temperatures. Use the recommended pump oil, Hydra-Oil 40W, NSN 1040-01-612-3498, PN A01-114-3441, CAGE 59776. It has what it takes to stand up to harsh conditions. ...</p>
20-Feb-20	M12A1 Decon: It Does More than Just Decon	<a href="https://www.psmagazine.army.mil/News/Article/2088416/m12a1-decon-it-does-more-than-just-decon/">https://www.psmagazine.army.mil/News/Article/2088416/m12a1-decon-it-does-more-than-just-decon/</a>	<p>The M12A1 diesel engine driven (DED) decon, NSN 4230-01-502-7224, is the workhorse in the CBRN arsenal. It's been doing decon work for decades while other decon equipment came and went. But most units don't realize the M12A1 has other abilities. It can: ...</p>
13-Apr-20	M50/M51 Mask: Remove Filter Patches Turning Blue	<a href="https://www.psmagazine.army.mil/News/Article/2146221/m50m51-mask-remove-filter-patches-turning-blue/">https://www.psmagazine.army.mil/News/Article/2146221/m50m51-mask-remove-filter-patches-turning-blue/</a>	<p>You might notice the M61 filter's time patches turning light blue on your unit's M50/M51 protective masks. WP 0004-00 in TM 3-4240-542-13&amp;P (May 08) tells you that if the center of the patch turns blue, then the M61 filter is expired and must be replaced. A white time patch means the filter is serviceable. But any shade...</p>
15-Jul-20	CBRN: M61 Canister Packaging Inspection Criteria	<a href="https://www.psmagazine.army.mil/News/Article/2274495/cbrn-m61-canister-packaging-inspection-criteria/">https://www.psmagazine.army.mil/News/Article/2274495/cbrn-m61-canister-packaging-inspection-criteria/</a>	<p>Are there any opened M61 canisters, NSN 4240-01-529-2289, lying around in your unit's work area? If so, uh oh! Those canisters need to remain sealed in their original packaging to maintain shelf life...</p>
15-Jul-20	CRESS: Detecting Precursors of Homemade Explosives	<a href="https://www.psmagazine.army.mil/News/Article/2275368/cress-detecting-precursors-of-homemade-explosives/">https://www.psmagazine.army.mil/News/Article/2275368/cress-detecting-precursors-of-homemade-explosives/</a>	<p>Did you know the Army is now fielding the Chemical Reconnaissance and Explosive Screening Sets (CRESS) to infantry brigade combat teams (IBCTs)? Units that don't have CRESS yet need to buy them based on mission requirements. ...</p>

26-Aug-20	M26 Decon: Recommended Pump Oil	<a href="https://www.psmagazine.army.mil/News/Article/2324790/m26-decon-recommended-pump-oil/">https://www.psmagazine.army.mil/News/Article/2324790/m26-decon-recommended-pump-oil/</a>	The M26 Decon needs an oil designed for continuous use at high loads and temperatures.
26-Oct-20	CBRN: M8E1 Chemical Biological Protective Shelter Air Beam Caution	<a href="https://www.psmagazine.army.mil/News/Article/2393750/cbrn-m8e1-chemical-biological-protective-shelter-air-beam-caution/">https://www.psmagazine.army.mil/News/Article/2393750/cbrn-m8e1-chemical-biological-protective-shelter-air-beam-caution/</a>	Operators and maintainers, pay attention when inflating the Chemical Biological Protective Shelter (CBPS) M8E1 protective fabric shelter (PFS). That's because the two (2) center air beams can get entangled, preventing the PFS from inflating and possibly damaging the air beams...
27-Oct-20	Decon: M100 Sorbent Decontamination System	<a href="https://www.psmagazine.army.mil/News/Article/2395077/decon-m100-sorbent-decontamination-system/">https://www.psmagazine.army.mil/News/Article/2395077/decon-m100-sorbent-decontamination-system/</a>	Soldiers, inspect your equipment before each mission to ensure your unit has enough unexpired M100 Sorbent Decontamination Systems (SDS), NSN 4230-01-466-9095...
28-Oct-20	M93 Fox: Centrifugal Fan - Updated Configuration	<a href="https://www.psmagazine.army.mil/News/Article/2395662/m93-fox-centrifugal-fan-updated-configuration/">https://www.psmagazine.army.mil/News/Article/2395662/m93-fox-centrifugal-fan-updated-configuration/</a>	The M93 Fox's centrifugal fan, NSN 4140-01-234-8170 (Green) and NSN 4140-01-646-3016 (Tan), is a major component of the gas particulate filter unit, NSN 4240-01-621-5143 (Green) and NSN 4240-01-615-1867 (Tan), that supports multiple collective protective equipment platforms...
17-Nov-20	UTAP: You're Just a Click Away!	<a href="https://www.psmagazine.army.mil/News/Article/2417978/utap-youre-just-a-click-away/">https://www.psmagazine.army.mil/News/Article/2417978/utap-youre-just-a-click-away/</a>	This article initially appeared in PS 798 (May 19), p. 20-21. TACOM's Unit Training Assistance Program, UTAP, provides approved training materials for a variety of TACOM-managed equipment...
16-Dec-20	Tactical Water Purification System: New Chemical Feed Pump	<a href="https://www.psmagazine.army.mil/News/Article/2447578/tactical-water-purification-system-new-chemical-feed-pump/">https://www.psmagazine.army.mil/News/Article/2447578/tactical-water-purification-system-new-chemical-feed-pump/</a>	Soldiers, the chemical feed pumps for the 1500-GPH Tactical Water Purification System (TWPS) are obsolete. The replacement is a newer LMI pump that comes with NSN 4320-01-526-9652...

23-Dec-20

Avenger Missile  
System: W103  
ECU/PPU Cable Tight?

<https://www.psmagazine.army.mil/News/Article/2455778/avenger-missile-system-w103-ecuppu-cable-tight/>

If you want to keep your Avenger right, you've got to make sure the W103 cable for the environmental control unit/primary power unit (ECU/PPU) is tight. During BEFORE Operations PMCS, check all the cables between the ECU and PPU for looseness, but pay special attention to the W103...

# Soldier Support





Date	Article Title	Link	Excerpt
7-Jan-20	FOSH: Put the Heat on Old Man Winter	<a href="https://www.psmagazine.army.mil/News/Article/2051917/fosh-put-the-heat-on-old-man-winter/">https://www.psmagazine.army.mil/News/Article/2051917/fosh-put-the-heat-on-old-man-winter/</a>	When icy winds are bearing down, the family of space heaters (FOSH) may be all that stands between you and Old Man Winter.
23-Jan-20	NCO Guide Updated	<a href="https://www.psmagazine.army.mil/News/Article/2062739/nco-guide-updated/">https://www.psmagazine.army.mil/News/Article/2062739/nco-guide-updated/</a>	Training Circular (TC) 7-22.7, <i>The Noncommissioned Officer Guide</i> , has been updated for 2020.
6-Feb-20	IASH: How to Get Circuit Breaker	<a href="https://www.psmagazine.army.mil/News/Article/2075116/iash-how-to-get-circuit-breaker/">https://www.psmagazine.army.mil/News/Article/2075116/iash-how-to-get-circuit-breaker/</a>	Need a circuit breaker for an H-140, Improved Army Space Heater (IASH), NSN 4520-01-477-0568?
22-Feb-20	T-11R Reserve Parachute Assemblies: Inspect for Defective Pack Trays	<a href="https://www.psmagazine.army.mil/News/Article/2090541/t-11r-reserve-parachute-assemblies-inspect-for-defective-pack-trays/">https://www.psmagazine.army.mil/News/Article/2090541/t-11r-reserve-parachute-assemblies-inspect-for-defective-pack-trays/</a>	TACOM has issued a ground safety action (GSA) message, GSA #20-008, for T-11R pack trays found with a sticky urethane inner finish coating.
25-Feb-20	Rail Cars: Set the Hand Brakes to Stay Safe	<a href="https://www.psmagazine.army.mil/News/Article/2093629/rail-cars-set-the-hand-brakes-to-stay-safe/">https://www.psmagazine.army.mil/News/Article/2093629/rail-cars-set-the-hand-brakes-to-stay-safe/</a>	A rollover will damage cars and loaded military equipment, not to mention bring harm or death to personnel.
27-Feb-20	URL Change for AKO	<a href="https://www.psmagazine.army.mil/News/Article/2096084/url-change-for-ako/">https://www.psmagazine.army.mil/News/Article/2096084/url-change-for-ako/</a>	The Army Knowledge Online (AKO) URL has changed from <a href="http://www.ako2.us.army.mil">www.ako2.us.army.mil</a> to: <a href="https://www.us.army.mil">https://www.us.army.mil</a>

12-Mar-20	COVID-19 Information	<a href="https://www.psmagazine.army.mil/News/Article/2109979/covid-19-information/">https://www.psmagazine.army.mil/News/Article/2109979/covid-19-information/</a>	As the novel coronavirus (COVID-19) outbreak continues to spread, caring for yourself and each other is paramount.
26-Mar-20	RWS APU: A Unit of One	<a href="https://www.psmagazine.army.mil/News/Article/2126821/rws-apu-a-unit-of-one/">https://www.psmagazine.army.mil/News/Article/2126821/rws-apu-a-unit-of-one/</a>	The TM lists the incorrect quantity of APUs in the component of end item (COEI) section.
27-Mar-20	N-95 Shelf-Life Extensions	<a href="https://www.psmagazine.army.mil/News/Article/2128300/hot-topic-n-95-shelf-life-extensions/">https://www.psmagazine.army.mil/News/Article/2128300/hot-topic-n-95-shelf-life-extensions/</a>	Healthcare personnel (HCP) (trained users) should visually inspect N-95 respirators to determine if their integrity has been compromised.
2-Apr-20	COVID-19 Resources	<a href="https://www.psmagazine.army.mil/News/Article/2109979/covid-19-information/">https://www.psmagazine.army.mil/News/Article/2109979/covid-19-information/</a>	As the novel coronavirus (COVID-19) outbreak continues to spread, caring for yourself and each other is paramount.
7-Apr-20	Rail Cars: Stow the Tiedown Assemblies!	<a href="https://www.psmagazine.army.mil/News/Article/2138813/rail-cars-stow-the-tiedown-assemblies/">https://www.psmagazine.army.mil/News/Article/2138813/rail-cars-stow-the-tiedown-assemblies/</a>	Do a little housekeeping on the platform area of rail cars.
9-Apr-20	Personal Readiness: DIY Cloth Face Covering	<a href="https://www.psmagazine.army.mil/News/Article/2143855/personal-readiness-diy-cloth-face-coverings/">https://www.psmagazine.army.mil/News/Article/2143855/personal-readiness-diy-cloth-face-coverings/</a>	The CDC recommends wearing cloth face coverings in public settings.

13-Apr-20	ACFT: There's an App for That!	<a href="https://www.psmagazine.army.mil/News/Article/2147072/acft-theres-an-app-for-that/">https://www.psmagazine.army.mil/News/Article/2147072/acft-theres-an-app-for-that/</a>	Training for the ACFT and training correctly is a must.
16-Apr-20	Stress Management and COVID-19	<a href="https://www.psmagazine.army.mil/News/Article/2152268/hot-topic-stress-management-and-covid-19/">https://www.psmagazine.army.mil/News/Article/2152268/hot-topic-stress-management-and-covid-19/</a>	Information and tips designed to help you and your battle buddies better cope with the pandemic and its impact.
21-Apr-20	Rail Cars: Locomotives Inspection Form Reminder	<a href="https://www.psmagazine.army.mil/News/Article/2157892/rail-cars-locomotives-inspection-form-reminder/">https://www.psmagazine.army.mil/News/Article/2157892/rail-cars-locomotives-inspection-form-reminder/</a>	Army regulation, Federal Railroad Association (FRA) and the Department of Transportation (DOT) require annual technical inspections on government-owned locomotives and rail cars.
1-May-20	ULCANS: New TM's Got You Covered	<a href="https://www.psmagazine.army.mil/News/Article/2173127/ulcans-new-tms-got-you-covered/">https://www.psmagazine.army.mil/News/Article/2173127/ulcans-new-tms-got-you-covered/</a>	TM 10-1080-256-10 (Mar 20) is the new operator's manual for the Ultra Lightweight Camouflage Net Systems (ULCANS) Increment I.
19-May-20	Cloth Face Masks Now Available	<a href="https://www.psmagazine.army.mil/News/Article/2191960/cloth-face-masks-now-available/">https://www.psmagazine.army.mil/News/Article/2191960/cloth-face-masks-now-available/</a>	The supply system now has 3-ply cloth face masks with ear loops.
27-May-20	DCGS-A: Help Desk Details	<a href="https://www.psmagazine.army.mil/News/Article/2198672/dcgs-a-help-desk-details/">https://www.psmagazine.army.mil/News/Article/2198672/dcgs-a-help-desk-details/</a>	DCGS-A is the Distributed Common Ground System-Army. It consists of more than 60 components, including laptops, work station computers, servers, processors and more.

11-Jun-20	MEP-903A: Engines Wanted—Dead or Alive	<a href="https://www.psmagazine.army.mil/News/Article/2216509/mep-903a-engines-wanted-dead-or-alive/">https://www.psmagazine.army.mil/News/Article/2216509/mep-903a-engines-wanted-dead-or-alive/</a>	Kubota® engine model D722TB-11, NSNs 2815-01-456-6955 or 2815-01-543-7016 supports the 10-kW auxiliary power unit (APU) model MEP-903A.
12-Jun-20	Safety: Use Caution When Handling CWCBs	<a href="https://www.psmagazine.army.mil/News/Article/2218588/safety-use-caution-when-handling-cwcb/">https://www.psmagazine.army.mil/News/Article/2218588/safety-use-caution-when-handling-cwcb/</a>	The creosote coating on CWCBs is a carcinogenic material. It's an environmental hazard, as well as a health risk.
1-Jul-20	Soldier Support: The Mystery of MREs	<a href="https://www.psmagazine.army.mil/News/Article/2244558/soldier-support-the-mystery-of-mres/">https://www.psmagazine.army.mil/News/Article/2244558/soldier-support-the-mystery-of-mres/</a>	The shelf life for meals, ready-to-eat (MREs) is somewhat of a mystery. Do they ever expire? How can you tell?
13-Jul-20	TPU Fuel Water Separator: Vent Valve NSN	<a href="https://www.psmagazine.army.mil/News/Article/2271709/tpu-fuel-water-separator-vent-valve-nsn/">https://www.psmagazine.army.mil/News/Article/2271709/tpu-fuel-water-separator-vent-valve-nsn/</a>	The manual vent valve on top of the Tank & Pump Unit (TPU) 50 GPM fuel water separator has a <b>new NSN</b> .
15-Jul-20	MTRCS: Slap a Patch on Oil Drain Line	<a href="https://www.psmagazine.army.mil/News/Article/2274907/mtrcs-slap-a-patch-on-oil-drain-line/">https://www.psmagazine.army.mil/News/Article/2274907/mtrcs-slap-a-patch-on-oil-drain-line/</a>	This Letter to the Editor originally appeared in PS 774 (May 17), pp. 53-54. Dear Editor, we recently received two new multi-temperature refrigerated container systems (MTRCS).
23-Jul-20	Containerized Batch Laundry: No PDISE Needed	<a href="https://www.psmagazine.army.mil/News/Article/2286191/containerized-batch-laundry-no-pdise-needed/">https://www.psmagazine.army.mil/News/Article/2286191/containerized-batch-laundry-no-pdise-needed/</a>	This article initially appeared in PS 778 (Sep '17), pp. 50-51. When it comes to powering your containerized batch laundry (CBL), NSNs 3510-01-527-2209 and -2210 (LIN C28019), less is more, operators.

6-Aug-20	WH-400 Water Heater: Knock Out Lockout	<a href="https://www.psmagazine.army.mil/News/Article/2302843/wh-400-water-heater-knock-out-lockout/">https://www.psmagazine.army.mil/News/Article/2302843/wh-400-water-heater-knock-out-lockout/</a>	The WH-400 water heater works on a simple principle, operators. You turn it on, the fuel valve opens and sprays fuel through the fuel nozzle, and the electrodes energize to create a spark that lights the fuel.
6-Aug-20	Air Conditioners: Cool New TM	<a href="https://www.psmagazine.army.mil/News/Article/2303491/air-conditioners-cool-new-tm/">https://www.psmagazine.army.mil/News/Article/2303491/air-conditioners-cool-new-tm/</a>	TM 11-4120-439-13&P (May 20) is the new operator and field maintenance manual, including repair parts and special tools list (RPSTL), for air conditioners
27-Aug-20	POL: Epoxy-lined Sample Cans	<a href="https://www.psmagazine.army.mil/News/Article/2326653/pol-epoxy-lined-sample-cans/">https://www.psmagazine.army.mil/News/Article/2326653/pol-epoxy-lined-sample-cans/</a>	The NSN for epoxy-lined sample cans, NSN 8110-01-371-8315, has been reinstated.
14-Sep-20	Safety: Think Before You Climb	<a href="https://www.psmagazine.army.mil/News/Article/2343129/safety-think-before-you-climb/">https://www.psmagazine.army.mil/News/Article/2343129/safety-think-before-you-climb/</a>	Too many Soldiers are hurt when mounting or dismounting from Army equipment.
14-Sep-20	Army Equipment: Need to Look Up An Item Manager?	<a href="https://www.psmagazine.army.mil/News/Article/2345663/army-equipment-need-to-look-up-an-item-manager/">https://www.psmagazine.army.mil/News/Article/2345663/army-equipment-need-to-look-up-an-item-manager/</a>	Getting in touch with an item manager about a piece of equipment is pretty simple.
1-Oct-20	Soldier Support/Safety: Got Any Good Cold Weather Advice?	<a href="https://www.psmagazine.army.mil/News/Article/2367042/soldier-supportsafety-got-any-good-cold-weather-advice/">https://www.psmagazine.army.mil/News/Article/2367042/soldier-supportsafety-got-any-good-cold-weather-advice/</a>	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?

13-Oct-20	LADS: Cool Facts for Winter	<a href="https://www.psmagazine.army.mil/News/Article/2379586/lads-cool-facts-for-winter/">https://www.psmagazine.army.mil/News/Article/2379586/lads-cool-facts-for-winter/</a>	As winter approaches and temperatures plunge, it's time to take action to preserve the laundry advanced system (LADS).
17-Nov-20	Publications: FM 7-22 Revisited	<a href="https://www.psmagazine.army.mil/News/Article/2417581/publications-fm-7-22-revisited/">https://www.psmagazine.army.mil/News/Article/2417581/publications-fm-7-22-revisited/</a>	The Army has rewritten FM 7-22, Army Physical Readiness Training (Oct 12). It's now FM 7-22, Holistic Health and Fitness (H2F) (Oct 20).
10-Nov-20	DRASH Trailer: Finding Missing Cable/Chain	<a href="https://www.psmagazine.army.mil/News/Article/2411382/drash-trailer-finding-missing-cablechain/">https://www.psmagazine.army.mil/News/Article/2411382/drash-trailer-finding-missing-cablechain/</a>	Dear Half-Mast, I'm looking for a breakaway cable or chain for the deployable rapid assembly shelter (DRASH) trailer on which I'm working.
2-Dec-20	Non-Lethal Capability Set: Things to Remember	<a href="https://www.psmagazine.army.mil/News/Article/2431258/non-lethal-capability-set-things-to-remember/">https://www.psmagazine.army.mil/News/Article/2431258/non-lethal-capability-set-things-to-remember/</a>	Dear Editor, The non-lethal capability set (NLCS) is designed for crowd control...As an instructor for the set, I've picked up these PM nuggets that can help other units.
4-Dec-20	PQAS-E: Component List Changes	<a href="https://www.psmagazine.army.mil/News/Article/2435096/pqas-e-component-list-changes/">https://www.psmagazine.army.mil/News/Article/2435096/pqas-e-component-list-changes/</a>	The Petroleum Quality Analysis System-Enhanced (PQAS-E), NSN 6640-01-547-1760, component of end items (COEI) list has changed.
23-Dec-20	PS Magazine: Help Us Help You	<a href="https://www.psmagazine.army.mil/News/Article/2455770/ps-magazine-help-us-help-you/">https://www.psmagazine.army.mil/News/Article/2455770/ps-magazine-help-us-help-you/</a>	Each day, emails from Soldiers and DoD civilians all over the world come into PS Magazine seeking answers to challenges they're facing while maintaining their vehicles and equipment.

28-Dec-20      Tents: Zipper Lubricant      <https://www.psmagazine.army.mil/News/Article/2456391/tents-zipper-lubricant/>      Apply zipper lubricant, NSN 9150-00-999-7548, to a tent zipper when it's hard to zip.

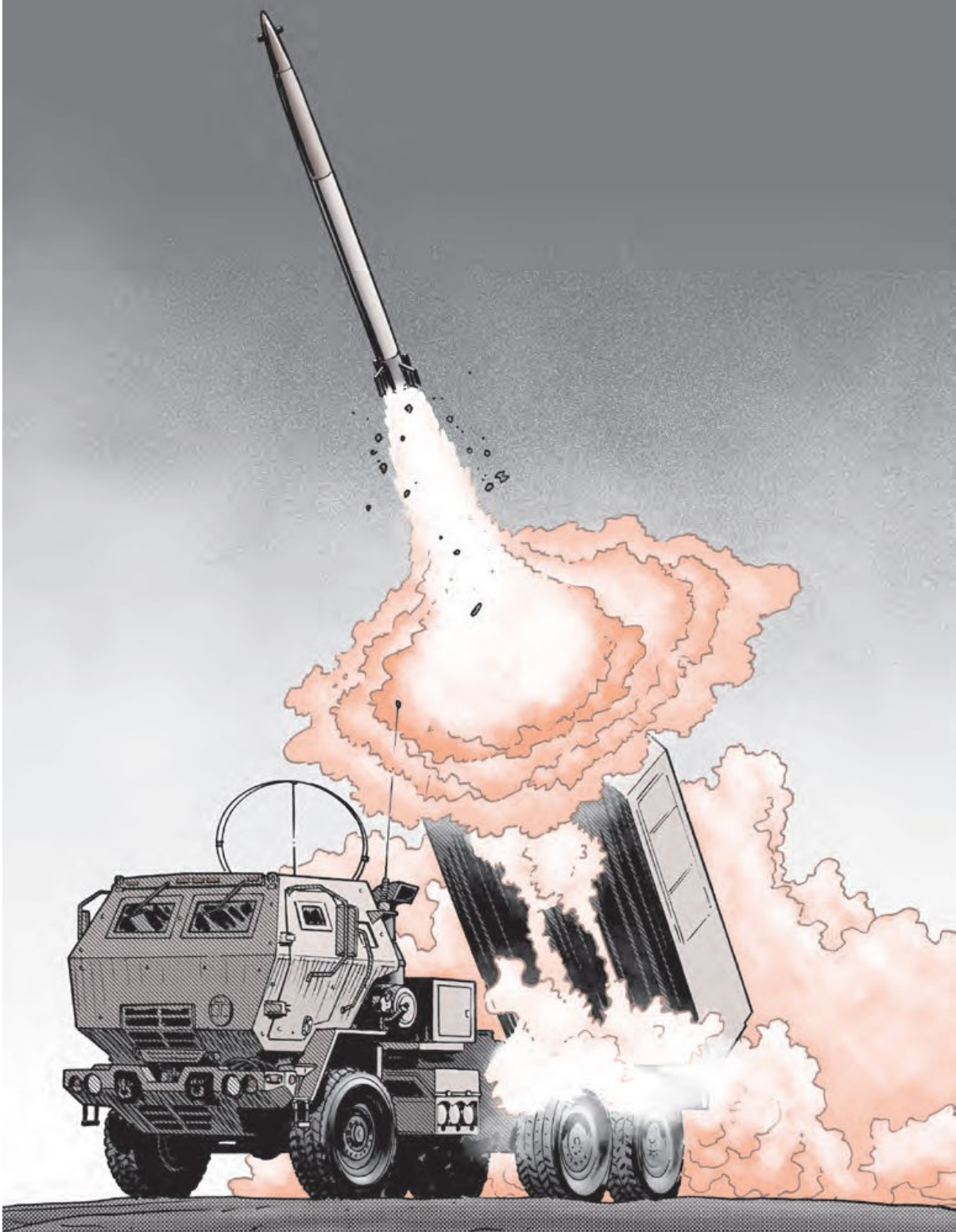
## H2F





Date	Article Title	Link	Excerpt
22-Dec-20	Special Interview: CIMT Team Explains H2F	<a href="https://www.psmagazine.army.mil/News/Article/2454815/special-interview-cimt-team-explains-h2f/">https://www.psmagazine.army.mil/News/Article/2454815/special-interview-cimt-team-explains-h2f/</a>	<p>Recently, MSG Half-Mast had an MS Teams session with four H2F subject-matter experts from the US Army Center for Initial Military Training (CIMT) to discuss the H2F System.</p>
30-Dec-20	Leader Interview: SFC Rostamo - Drill Sergeant of the Year	<a href="https://www.psmagazine.army.mil/News/Article/2458745/leader-interview-sfc-rostamo-drill-sergeant-of-the-year/">https://www.psmagazine.army.mil/News/Article/2458745/leader-interview-sfc-rostamo-drill-sergeant-of-the-year/</a>	<p>MSG Half-Mast recently had the pleasure to sit down (virtually, of course) with SFC Erik Rostamo, the 2020 Drill Sergeant of the Year.</p>

# Missiles

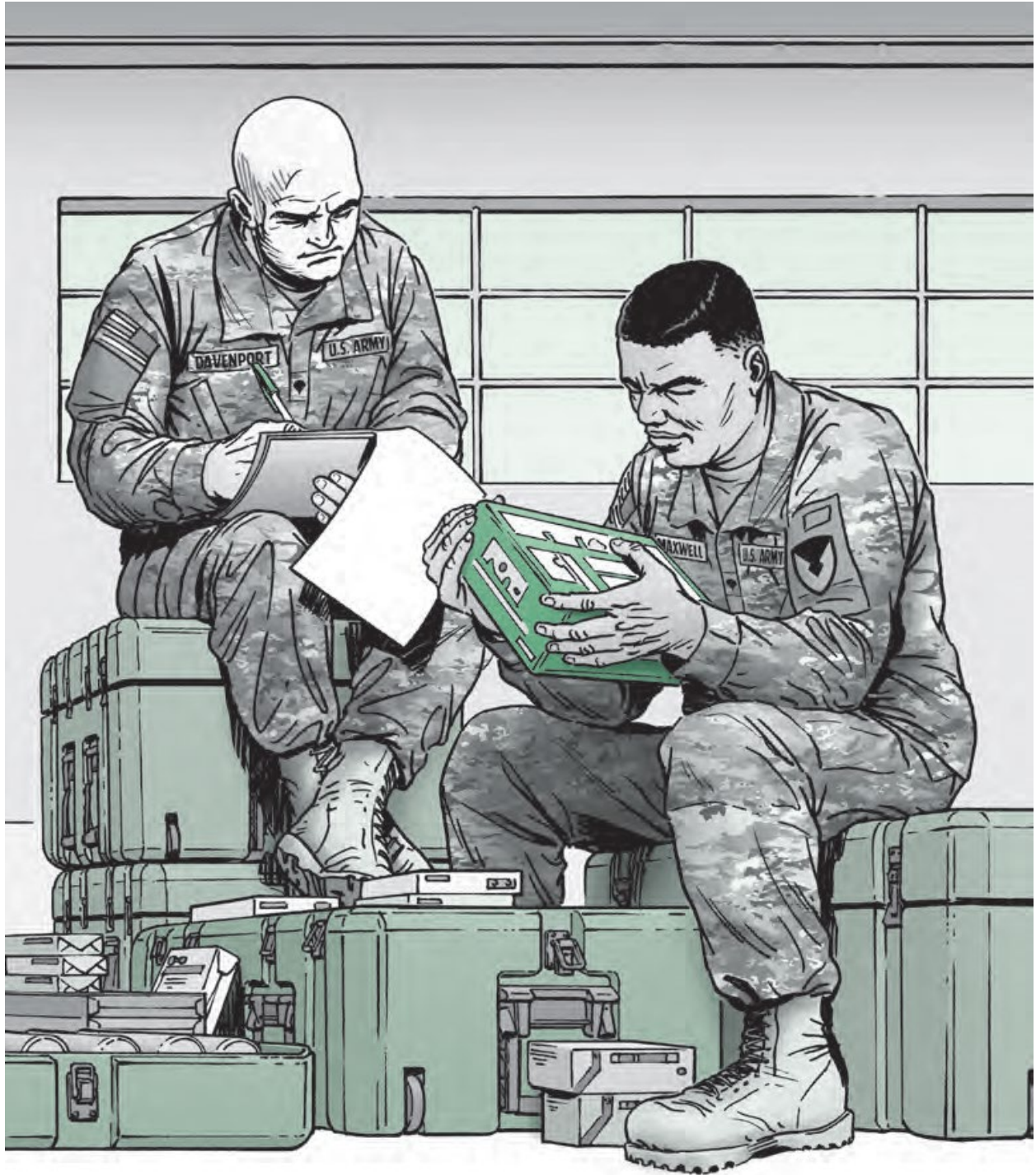


Date	Article Title	Link	Excerpt
29-Jan-20	Patriot Missile System: Pinpoint PM	<a href="https://www.psmagazine.army.mil/News/Article/2068980/patriot-missile-system-pinpoint-pm/">https://www.psmagazine.army.mil/News/Article/2068980/patriot-missile-system-pinpoint-pm/</a>	This article initially appeared in Issue PS 785, pages 46-47...
31-Jan-20	Patriot Missile System: Don't Make GPS NMC!	<a href="https://www.psmagazine.army.mil/News/Article/2070364/patriot-missile-system-dont-make-gps-nmc/">https://www.psmagazine.army.mil/News/Article/2070364/patriot-missile-system-dont-make-gps-nmc/</a>	This article initially appeared in Issue PS 789, pages 37.
4-Feb-20	ITAS: Target These Tips	<a href="https://www.psmagazine.army.mil/News/Article/2073191/itas-target-these-tips/">https://www.psmagazine.army.mil/News/Article/2073191/itas-target-these-tips/</a>	This article initially appeared in Issue PS 793, pages 16 - 17.
4-Feb-20	HIMARS/MLRS: Connect to Cable Connector PM	<a href="https://www.psmagazine.army.mil/News/Article/2072509/himarsmlrs-connect-to-cable-connector-pm/">https://www.psmagazine.army.mil/News/Article/2072509/himarsmlrs-connect-to-cable-connector-pm/</a>	This article initially appeared in Issue PS 792, pages 44-45.
27-Mar-20	Patriot Missile System: Don't Skimp on Filters	<a href="https://www.psmagazine.army.mil/News/Article/2127425/patriot-missile-system-dont-skimp-on-filters/">https://www.psmagazine.army.mil/News/Article/2127425/patriot-missile-system-dont-skimp-on-filters/</a>	This article initially appeared in PS 799, Page 38.
15-Apr-20	HIMARS: PM Help	<a href="https://www.psmagazine.army.mil/News/Article/2147478/himars-pm-help/">https://www.psmagazine.army.mil/News/Article/2147478/himars-pm-help/</a>	<p>Dear Editor, We've come up with several tips to help HIMARS stay on the road and on target: Make sure the seat belt is completely inside the cab before closing the door. Otherwise, the door can damage it. Make sure seat belt is inside before closing door Drain the air and hydraulic tanks after operations, but do it...</p>

12-Jun-20	PS Magazine: 2019 Index of Online Articles	<a href="https://www.psmagazine.army.mil/News/Article/2217806/ps-magazine-2019-index-of-online-articles/">https://www.psmagazine.army.mil/News/Article/2217806/ps-magazine-2019-index-of-online-articles/</a>	Some of our readers have asked for an index of the latest articles. We listened and created a 2019 PS index. It has all the PS Magazine articles that appeared on our website starting in mid-2019...
16-Jun-20	HIMARS and MLRS: Corrosion Prevention Products	<a href="https://www.psmagazine.army.mil/News/Article/2221962/himars-and-mlrs-corrosion-prevention-products/">https://www.psmagazine.army.mil/News/Article/2221962/himars-and-mlrs-corrosion-prevention-products/</a>	Soldiers, your HIMARS and MLRS need protection from corrosion. Try protecting them with some of these products. They're approved for use in preventing corrosion on your unit's HIMARS and MLRS...
13-Jul-20	MLRS: Don't Select Override Before You Verify	<a href="https://www.psmagazine.army.mil/News/Article/2269197/mlrs-dont-select-override-before-you-verify/">https://www.psmagazine.army.mil/News/Article/2269197/mlrs-dont-select-override-before-you-verify/</a>	Dear Editor, Some MLRS crews are making a big mistake during operations. They're selecting the OVERRIDE Programmable Function Key (PFK) when a warning is displayed on the Gunner Display Unit (GDU) without first verifying the fault. ...
30-Jul-20	HIMARS: How-to Tips	<a href="https://www.psmagazine.army.mil/News/Article/2293702/himars-how-to-tips/">https://www.psmagazine.army.mil/News/Article/2293702/himars-how-to-tips/</a>	Exercise, exercise, exercise. The worst thing you can do is let your HIMARS sit for weeks. Without exercise, grease coagulates and moving parts like the limit switches and rollers stop moving and start sticking. ...
18-Sep-20	M287/AT4 Tracer Trainer: Need Help Getting Parts?	<a href="https://www.psmagazine.army.mil/News/Article/2351212/m287at4-tracer-trainer-need-help-getting-parts/">https://www.psmagazine.army.mil/News/Article/2351212/m287at4-tracer-trainer-need-help-getting-parts/</a>	Soldiers, if your unit has the M287/AT4 tracer trainer and is having trouble getting repair parts, here's the why and the how to get what you need. Defense Logistics Agency (DLA) doesn't have the demand to stock some of the parts for this equipment, so you'll have to order ...
13-Oct-20	Sentinel Radar: Steps to Sentinel Success	<a href="https://www.psmagazine.army.mil/News/Article/2376249/sentinel-radar-steps-to-sentinel-success/">https://www.psmagazine.army.mil/News/Article/2376249/sentinel-radar-steps-to-sentinel-success/</a>	This article initially appeared in PS 798 (May 19), p. 42-45. Your Sentinel Radar System can alert you to danger if you remember these steps to success, starting with being careful in and around the radar, due to the voltage it produces and the speed with which it rotates. ...

4-Nov-20	MLRS: Degree of Slope Does Matter	<a href="https://www.psmagazine.army.mil/News/Article/2404450/mlrs-degree-of-slope-does-matter/">https://www.psmagazine.army.mil/News/Article/2404450/mlrs-degree-of-slope-does-matter/</a>	Don't wait 'til you're at a live-fire exercise to learn critical lessons. Here's what you should already know. During loading operations it's important to park the launcher on level ground +/- 5 degrees (+/- 89 mils) or less. If not, the boom may fail to retract when you try to load a pod...
18-Nov-20	M41A7 TOW ITAS: Make Sure You're Doing Monthly and Annual PM	<a href="https://www.psmagazine.army.mil/News/Article/2419129/m41a7-tow-itas-make-sure-youre-doing-monthly-and-annual-pm/">https://www.psmagazine.army.mil/News/Article/2419129/m41a7-tow-itas-make-sure-youre-doing-monthly-and-annual-pm/</a>	Dear Half-Mast, It looks like most units haven't been completing all the PMCS on the M41A7 TOW improved target acquisition system (ITAS), NSN 5865-01-606-3354, PN 13480670-7. Here's what they need to know. ...
3-Dec-20	MLRS: Need the APU Filter Element?	<a href="https://www.psmagazine.army.mil/News/Article/2431437/mlrs-need-the-apu-filter-element/">https://www.psmagazine.army.mil/News/Article/2431437/mlrs-need-the-apu-filter-element/</a>	If you're looking for the APU filter element NSN for your MLRS in Item 66 of Fig 130 in TM 9-2350-420-13&P (May 18), it's missing. So if you need to order the filter element, use NSN 4130-01-476-2341...
8-Dec-20	MLRS: EM 0208 Is Missing Some PMCS Steps	<a href="https://www.psmagazine.army.mil/News/Article/2438953/mlrs-em-0208-is-missing-some-pmcs-steps/">https://www.psmagazine.army.mil/News/Article/2438953/mlrs-em-0208-is-missing-some-pmcs-steps/</a>	Operators, have you looked at TM 9-1055-647-13&P (IETM EM 0208, Jun 20) and noticed the quarterly, semiannual and annual maintenance steps are missing? Here's why...
23-Nov-20	PS Magazine: Help Us Help You	<a href="https://www.psmagazine.army.mil/News/Article/2455770/ps-magazine-help-us-help-you/">https://www.psmagazine.army.mil/News/Article/2455770/ps-magazine-help-us-help-you/</a>	Each day, emails from Soldiers and DoD civilians all over the world come into PS Magazine seeking answers to challenges they're facing while maintaining their vehicles and equipment. And each day, Half-Mast or a member of his team replies. In order to help you, ...
23-Dec-20	Avenger Missile System: W103 ECU/PPU Cable Tight?	<a href="https://www.psmagazine.army.mil/News/Article/2455778/avenger-missile-system-w103-ecuppu-cable-tight/">https://www.psmagazine.army.mil/News/Article/2455778/avenger-missile-system-w103-ecuppu-cable-tight/</a>	If you want to keep your Avenger right, you've got to make sure the W103 cable for the environmental control unit/primary power unit (ECU/PPU) is tight. During BEFORE Operations PMCS, check all the cables between the ECU and PPU for looseness, but pay special attention to the W103...

# Logistics Management

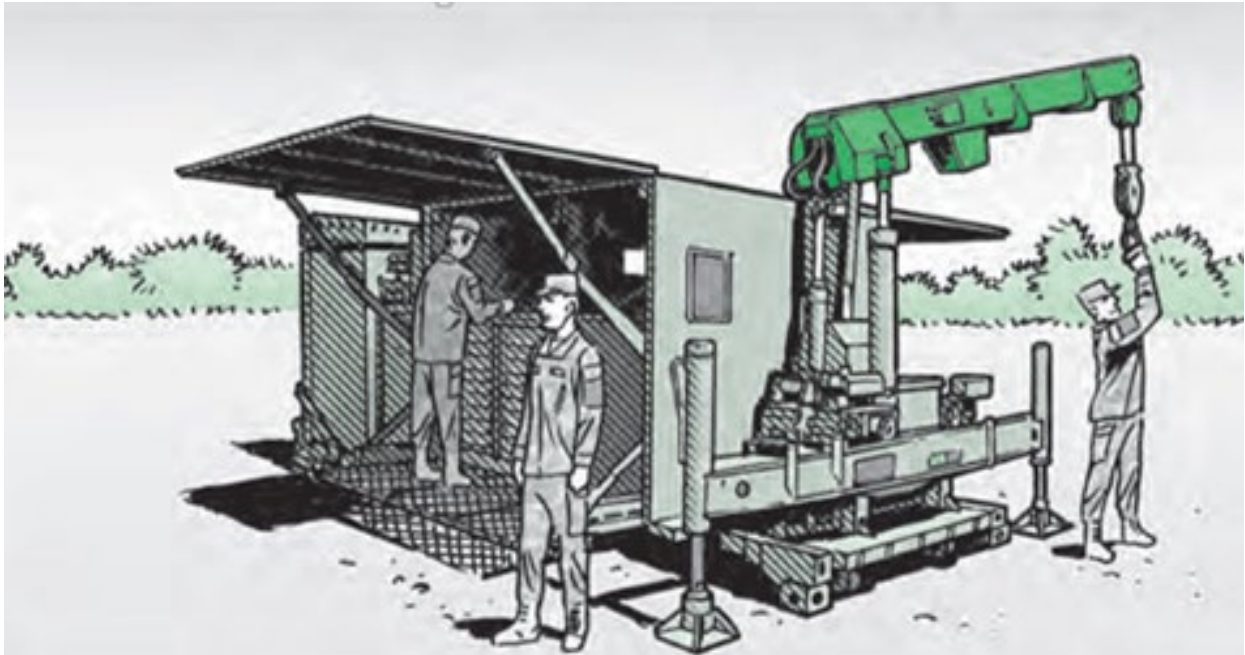


Date	Article Title	Link	Excerpt
27-Mar-20	N-95 Shelf-Life Extensions	<a href="https://www.psmagazine.army.mil/News/Article/2128300/n-95-shelf-life-extensions/">https://www.psmagazine.army.mil/News/Article/2128300/n-95-shelf-life-extensions/</a>	Have N-95 respirators in your unit? If so, they can be used past...
11-May-20	Maintenance Readiness: Are You Ready for AAME?	<a href="https://www.psmagazine.army.mil/News/Article/2183368/maintenance-readiness-are-you-ready-for-aame/">https://www.psmagazine.army.mil/News/Article/2183368/maintenance-readiness-are-you-ready-for-aame/</a>	The Chief of Staff, Army Award for Maintenance Excellence (AAME) was started...
1-Jul-20	Publications: Dive into the EIR Digest	<a href="https://www.psmagazine.army.mil/News/Article/2244179/publications-dive-into-the-eir-digest/">https://www.psmagazine.army.mil/News/Article/2244179/publications-dive-into-the-eir-digest/</a>	The Equipment Improvement Report (EIR) and Maintenance Digest is a quarterly publication...
31-Jul-20	Packaging: Hip-Pocket Guide Available for Download	<a href="https://www.psmagazine.army.mil/News/Article/2296043/packaging-hip-pocket-guide-available-for-download/">https://www.psmagazine.army.mil/News/Article/2296043/packaging-hip-pocket-guide-available-for-download/</a>	Packaging: The Basics (Jun 20) is an easy-to-use guide provided by the Army Sustainment Command's Packaging, Storage and Containerization Center (PSCC)...
31-Jul-20	Logistics Management: Use Containers for Unserviceable Returns	<a href="https://www.psmagazine.army.mil/News/Article/2296388/logistics-management-use-containers-for-unserviceable-returns/">https://www.psmagazine.army.mil/News/Article/2296388/logistics-management-use-containers-for-unserviceable-returns/</a>	Aviation ground support and common aircraft components are being returned without their containers. Returning these parts without the containers increases repair turnaround time...
11-Aug-20	PS Magazine: How to Submit Article Ideas	<a href="https://www.psmagazine.army.mil/News/Article/2308931/ps-magazine-how-to-submit-article-ideas/">https://www.psmagazine.army.mil/News/Article/2308931/ps-magazine-how-to-submit-article-ideas/</a>	Whether you're working in the motor pool or in the field, it's not uncommon to discover a better way to perform a maintenance procedure or find a mistake in a TM.

14-Aug-20	FRS: Diesel Engine Turn-in and Procurement Process	<a href="https://www.psmagazine.army.mil/News/Article/2313061/frs-diesel-engine-turn-in-and-procurement-process/">https://www.psmagazine.army.mil/News/Article/2313061/frs-diesel-engine-turn-in-and-procurement-process/</a>	Supply techs, before turning in or ordering the diesel engine, NSN 2815-01-558-2770 or NSN 2815-01-559-2661, be sure your maintenance techs contact the Forward Repair System (FRS) equipment specialist or item manager for troubleshooting tips...
14-Sep-20	Army Equipment: Need to Look Up An Item Manager?	<a href="https://www.psmagazine.army.mil/News/Article/2345663/army-equipment-need-to-look-up-an-item-manager/">https://www.psmagazine.army.mil/News/Article/2345663/army-equipment-need-to-look-up-an-item-manager/</a>	Getting in touch with an item manager about a piece of equipment is pretty simple. Just go to: <a href="https://i2log.apg.army.mil/">https://i2log.apg.army.mil/</a> and follow these instructions...
14-Oct-20	MSDs: Some MSD-V2s Being Decommissioned	<a href="https://www.psmagazine.army.mil/News/Article/2382031/msds-some-msd-v2s-being-decommissioned/">https://www.psmagazine.army.mil/News/Article/2382031/msds-some-msd-v2s-being-decommissioned/</a>	Program Executive Office (PEO), Combat Support and Combat Service Support is decommissioning some version 2 Maintenance Support Devices (MSDs) because the hardware isn't upgradable and the devices aren't compatible with Windows 10...
12-Nov-20	GCSS-Army: New Cause Codes	<a href="https://www.psmagazine.army.mil/News/Article/2413135/gcss-army-new-cause-codes/">https://www.psmagazine.army.mil/News/Article/2413135/gcss-army-new-cause-codes/</a>	It's important for leaders to be aware of emerging cyber threats and other vulnerabilities. To help them, the GCSS-Army development team has created the following new cause codes to identify faults and notifications related to cyber security issues:...
17-Nov-20	UTAP: You're Just a Click Away!	<a href="https://www.psmagazine.army.mil/News/Article/2417978/utap-youre-just-a-click-away/">https://www.psmagazine.army.mil/News/Article/2417978/utap-youre-just-a-click-away/</a>	This article initially appeared in PS 798 (May 19), p. 20-21. TACOM's Unit Training Assistance Program, UTAP, provides approved training materials for a variety of TACOM-managed equipment...
23-Dec-20	PS Magazine: Help Us Help You	<a href="https://www.psmagazine.army.mil/News/Article/2455770/ps-magazine-help-us-help-you/">https://www.psmagazine.army.mil/News/Article/2455770/ps-magazine-help-us-help-you/</a>	Each day, emails from Soldiers and DoD civilians all over the world come into PS Magazine seeking answers to challenges they're facing while maintaining their vehicles and equipment. And each day, Half-Mast or a member of his team replies. In order to help you,...



# Tools



Date	Article Title	Link	Excerpt
27-Aug-19	SATS: Enjoy a SATS Parts Treasure Hunt!	<a href="https://www.psmagazine.army.mil/News/Article/1945324/sats-enjoy-a-sats-parts-treasure-hunt/">https://www.psmagazine.army.mil/News/Article/1945324/sats-enjoy-a-sats-parts-treasure-hunt/</a>	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...
30-Jan-20	TMDE: Changing GCSS-Army Verification Dates Threatens Safety, Reliability	<a href="https://www.psmagazine.army.mil/News/Article/2069149/tmde-changing-gcss-army-verification-dates-threatens-safety-reliability/">https://www.psmagazine.army.mil/News/Article/2069149/tmde-changing-gcss-army-verification-dates-threatens-safety-reliability/</a>	Some support units and TMDE discovered Soldiers who go into GCSS-Army and change the verification dates for weapons, night vision equipment and diagnostic equipment. ...
21-Feb-20	MSD-V3: Critical Update for the Windows 10 Build	<a href="https://www.psmagazine.army.mil/News/Article/2090155/msd-v3-critical-update-for-the-windows-10-build/">https://www.psmagazine.army.mil/News/Article/2090155/msd-v3-critical-update-for-the-windows-10-build/</a>	Soldiers, if you are using an MSD-V3 with the Windows 10 build, there's a critical update. To download and install the V3 universal monthly update files, visit the MSD repository at <a href="https://cmtool.army.mil/">https://cmtool.army.mil/</a> . You'll need your CAC to access. If you have any questions, ...
12-Mar-20	SATS: Don't Let Mold Take Hold	<a href="https://www.psmagazine.army.mil/News/Article/2109256/sats-dont-let-mold-take-hold/">https://www.psmagazine.army.mil/News/Article/2109256/sats-dont-let-mold-take-hold/</a>	Standard automotive tool set (SATS) Finding mold in your standard automotive tool set (SATS) is a nasty surprise. It can cause respiratory problems and damage equipment. Here's how to prevent mold from taking hold in your SATS: Open up and air out your SATS once a month. Do it more often...
30-Mar-20	ARSS: Finding a Fix for Wall Cracks	<a href="https://www.psmagazine.army.mil/News/Article/2130393/arss-finding-a-fix-for-wall-cracks/">https://www.psmagazine.army.mil/News/Article/2130393/arss-finding-a-fix-for-wall-cracks/</a>	The middle shelter wall in the Armament Repair Shop Set (ARSS) was sealed and painted by the manufacturer to prevent generator fumes from entering the ARSS work area. But the wall was also designed to float and move. So heat expansion can lead to seal and paint cracks when the wall moves up and down. ...
17-Nov-20	UTAP: You're Just a Click Away!	<a href="https://www.psmagazine.army.mil/News/Article/2417978/utap-youre-just-a-click-away/">https://www.psmagazine.army.mil/News/Article/2417978/utap-youre-just-a-click-away/</a>	This article initially appeared in PS 798 (May 19), p. 20-21. TACOM's Unit Training Assistance Program, UTAP, provides approved training materials for a variety of TACOM-managed equipment...

9-Dec-20	SATS: Different Generators?	<a href="https://www.psmagazine.army.mil/News/Article/2439198/sats-different-generators/">https://www.psmagazine.army.mil/News/Article/2439198/sats-different-generators/</a>	Dear Half-Mast, My repair facility received several Standard Automotive Tool Sets (SATS), NSN 4910-01-490-6453, to inventory them and order missing parts. One of the SATS has a Northern Lights ® generator, model NL843NW2.1SATS, with mounting that's different from the other SATS generators. Can you help? ...
23-Dec-20	PS Magazine: Help Us Help You	<a href="https://www.psmagazine.army.mil/News/Article/2455770/ps-magazine-help-us-help-you/">https://www.psmagazine.army.mil/News/Article/2455770/ps-magazine-help-us-help-you/</a>	Each day, emails from Soldiers and DoD civilians all over the world come into PS Magazine seeking answers to challenges they're facing while maintaining their vehicles and equipment. And each day, Half-Mast or a member of his team replies. In order to help you, ...

# Commo/Electronics



Date	Article Title	Link	Excerpt
10-Jan-20	KG-175X: Properly Accounting for KG-175X	<a href="https://www.psmagazine.army.mil/News/Article/2054402/kg-175x-properly-accounting-for-kg-175x/">https://www.psmagazine.army.mil/News/Article/2054402/kg-175x-properly-accounting-for-kg-175x/</a>	PL Net E and CIO/G6 decided not to include the VLAN license as part of the nomenclature, so the KG-175X should be documented on the authorization as LIN Z05453, KG-175X.
14-Jan-20	SINGGARS: To Reprogram or Not?	<a href="https://www.psmagazine.army.mil/News/Article/2055901/singgars-to-reprogram-or-not/">https://www.psmagazine.army.mil/News/Article/2055901/singgars-to-reprogram-or-not/</a>	We test, troubleshoot and repair communications equipment, including the 1523 model SINGGARS radios. Is it important to reprogram the radios to the latest version on the GRM?
24-Jan-20	eMCSUs: I'll Take Hardware for 20,000	<a href="https://www.psmagazine.army.mil/News/Article/2064621/emcsus-ill-take-hardware-for-20000/">https://www.psmagazine.army.mil/News/Article/2064621/emcsus-ill-take-hardware-for-20000/</a>	eMCSUs with serial numbers less than 20,000 are not compatible with the latest software patches.
30-Jan-20	Tactical Computers: Take Cover from Water Damage	<a href="https://www.psmagazine.army.mil/News/Article/2069376/tactical-computers-take-cover-from-water-damage/">https://www.psmagazine.army.mil/News/Article/2069376/tactical-computers-take-cover-from-water-damage/</a>	Some Soldiers are leaving their tactical computer systems exposed when power-washing their vehicles. These incidents cost the Army thousands of dollars in damage.
11-Feb-20	Soldier Support: P&E LARs Share Wisdom	<a href="https://www.psmagazine.army.mil/News/Article/2080876/soldier-support-pe-lars-share-wisdom/">https://www.psmagazine.army.mil/News/Article/2080876/soldier-support-pe-lars-share-wisdom/</a>	Dear Editor, I'd like to let your readers know that AMC's Power and Environmental (P&E) LARs' information-sharing files have migrated to AKO 2.0.
26-Feb-20	AN/AVS-7(V) 10 Heads Up Display: Turn In Unserviceable Stock and Excess	<a href="https://www.psmagazine.army.mil/News/Article/2095073/anavs-7v-10-heads-up-display-turn-in-unserviceable-stock-and-excess/">https://www.psmagazine.army.mil/News/Article/2095073/anavs-7v-10-heads-up-display-turn-in-unserviceable-stock-and-excess/</a>	CECOM is asking the field to turn in all unserviceable stock and all available excess of the following Class 9 items because there's currently a shortage. This list includes items that support the AN/AVS-7(V)10 Heads Up Display (HUD).

27-Feb-20	COMSEC AR Updated	<a href="https://www.psmagazine.army.mil/News/Article/2095780/comsec-ar-updated/">https://www.psmagazine.army.mil/News/Article/2095780/comsec-ar-updated/</a>	AR 25-12, <i>Communications Security Equipment Maintenance and Maintenance Training</i> , was updated in December 2019.
28-Feb-20	AN/PRM 34: Baffling Battery Hunt	<a href="https://www.psmagazine.army.mil/News/Article/2097934/anprm-34-baffling-battery-hunt/">https://www.psmagazine.army.mil/News/Article/2097934/anprm-34-baffling-battery-hunt/</a>	I'm looking for an alternate non-rechargeable battery or a non-terminal battery NSN for the radio test set, AN/PRM-34, NSN 6625-01-094-5646.
7-Apr-20	CSS VSAT AN/TSC-183A: New TM Powers Up	<a href="https://www.psmagazine.army.mil/News/Article/2140507/css-vsant-183a-new-tm-powers-up/">https://www.psmagazine.army.mil/News/Article/2140507/css-vsant-183a-new-tm-powers-up/</a>	TM 11-5895-1817-23&P (Jan 20) is the new field manual available for the Combat Service Support (CSS), Very Small Aperture Terminal (VSAT), Satellite Communication AN/TSC-183A,
21-Apr-20	AN/TPQ-53: Bumpy Ride Busts ACPIA	<a href="https://www.psmagazine.army.mil/News/Article/2156954/antpq-53-bumpy-ride-busts-acpia/">https://www.psmagazine.army.mil/News/Article/2156954/antpq-53-bumpy-ride-busts-acpia/</a>	A 45-percent failure rate of the AC Power Input Assembly (ACPIA) on the TPY-3(V) is happening due to operator error.
22-May-20	SINCGARS: Missing Installation Kits	<a href="https://www.psmagazine.army.mil/News/Article/2193348/sincgars-missing-installation-kits/">https://www.psmagazine.army.mil/News/Article/2193348/sincgars-missing-installation-kits/</a>	Dear Editor,I serve as the SINCGARS team lead at CECOM. We manage the SINCGARS installation kits (IKs).
26-May-20	DAGR: RSAM Software on Horizon	<a href="https://www.psmagazine.army.mil/News/Article/2197243/dagr-rsam-software-on-horizon/">https://www.psmagazine.army.mil/News/Article/2197243/dagr-rsam-software-on-horizon/</a>	A Resiliency and Software Assurance Measures (RSAM) software update will be available for the Defense Advanced GPS Receivers (DAGRs) in September 2020.

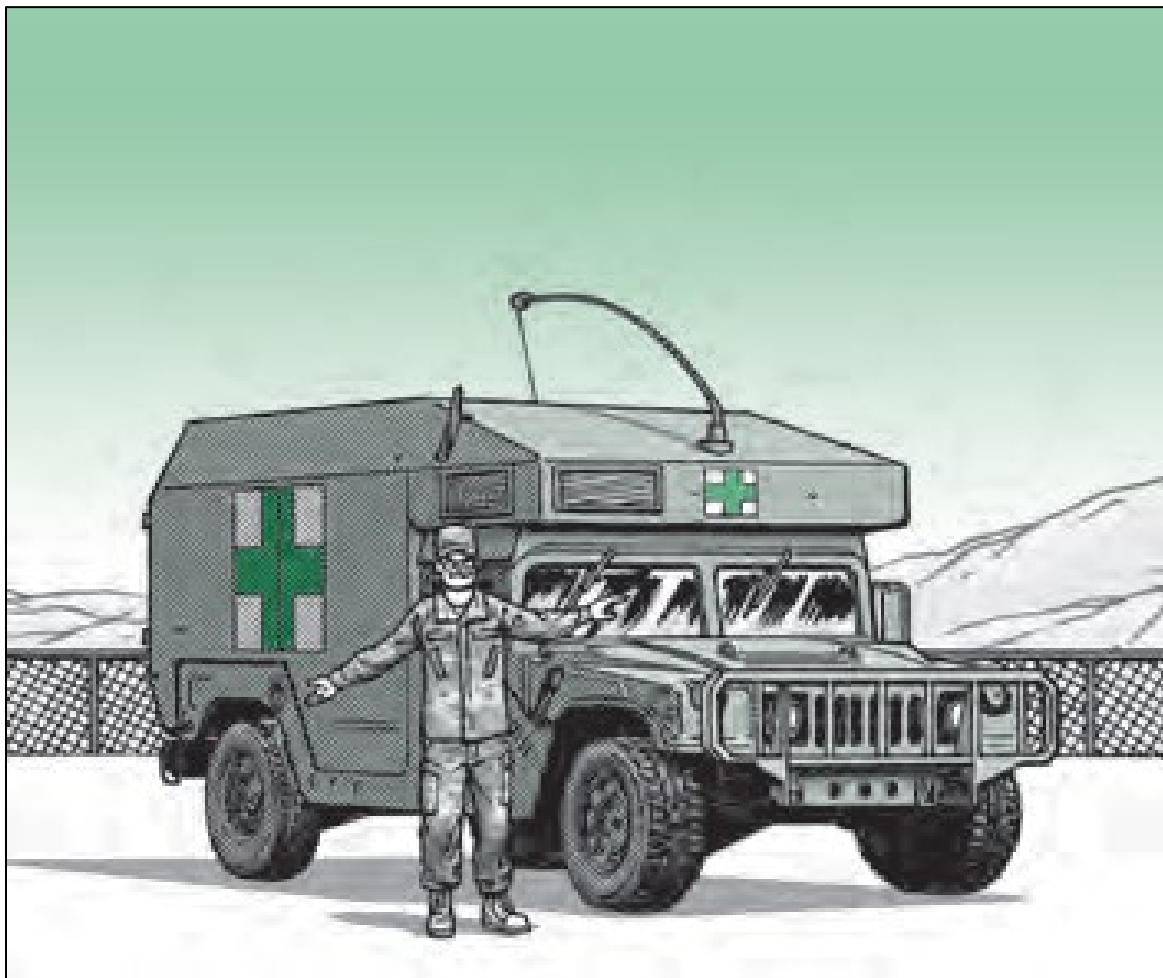
4-Jun-20	SINGGARS: Keep it Cool	<a href="https://www.psmagazine.army.mil/News/Article/2208497/singgars-keep-it-cool/">https://www.psmagazine.army.mil/News/Article/2208497/singgars-keep-it-cool/</a>	Dear Half-Mast, the unit I'm with keeps our SINGGARS stored in our vehicles (HMMWVs, Bradleys, M1 tanks, etc). The temperatures here routinely hit triple digits...
5-Jun-20	AN/TIC-43: Training Now Online	<a href="https://www.psmagazine.army.mil/News/Article/2209553/antic-43-training-now-online/">https://www.psmagazine.army.mil/News/Article/2209553/antic-43-training-now-online/</a>	PM Close Combat Systems is currently fielding the AN/TIC-43 Acoustic Hailing Device (AHD) to military police and transportation units across the Army.
25-Jun-20	TMSS: Pinning Down a Problem	<a href="https://www.psmagazine.army.mil/News/Article/2231166/tmss-pinning-down-a-problem/">https://www.psmagazine.army.mil/News/Article/2231166/tmss-pinning-down-a-problem/</a>	I'm hoping PS can help with a problem we're seeing in the field. It's with the Trailer Mounted Support System (TMSS—Medium) Power Plant, Utility, PU-822A/T, NSN 6115-01-547-6738.
28-Jul-20	PDISE: M46 Electrical Utility Assembly Changes	<a href="https://www.psmagazine.army.mil/News/Article/2290701/pdise-m46-electrical-utility-assembly-changes/">https://www.psmagazine.army.mil/News/Article/2290701/pdise-m46-electrical-utility-assembly-changes/</a>	Hardware changes have taken place with the Power Distribution Illumination Systems Electrical (PDISE) M46 Electrical Utility Assembly, LIN: U89185. These changes apply to the info in TM 9-6150-226-13 (Sep 17).
31-Jul-20	CSS VSATs—Update Now to Avoid Network Deletion	<a href="https://www.psmagazine.army.mil/News/Article/2295687/hot-topic-css-vsatsupdate-now-to-avoid-network-deletion/">https://www.psmagazine.army.mil/News/Article/2295687/hot-topic-css-vsatsupdate-now-to-avoid-network-deletion/</a>	Units <b>must</b> update their Combat Service Support (CSS) Very Small Aperture Terminals (VSATs) by <b>August 17, 2020</b> , to prevent the systems from being deleted from the network.
13-Aug-20	AN/PYQ-10(C): SKL Software and Support	<a href="https://www.psmagazine.army.mil/News/Article/2311757/anpyq-10c-skl-software-and-support/">https://www.psmagazine.army.mil/News/Article/2311757/anpyq-10c-skl-software-and-support/</a>	All approved versions of SKL User Application Software (UAS) and supporting documentation, including the newest release v12.0, can be found on LWN at: <a href="https://lwn.army.mil/">https://lwn.army.mil/</a>

21-Aug-20	AN/PVS-14 NVDs: Preventive Maintenance Leads Way Out of Darkness	<a href="https://www.psmagazine.army.mil/News/Article/2318329/anpvs-14-nvds-preventive-maintenance-leads-way-out-of-darkness/">https://www.psmagazine.army.mil/News/Article/2318329/anpvs-14-nvds-preventive-maintenance-leads-way-out-of-darkness/</a>	Dear Editor, We have a few suggestions on the AN/PVS-14 night vision devices (NVDs) that will help Soldiers see clearly in the dark.
14-Sep-20	DCGS-A: New TGS TM Makes Tactical Touchdown	<a href="https://www.psmagazine.army.mil/News/Article/2347019/dcgs-a-new-tgs-tm-makes-tactical-touchdown/">https://www.psmagazine.army.mil/News/Article/2347019/dcgs-a-new-tgs-tm-makes-tactical-touchdown/</a>	TM 11-5865-1098-10 (Jul 20) is the new operator's manual for the Tactical Intelligence Ground Station (TGS) AN/TSQ-179E (V) 2, NSN 5865-01-673-1760.
24-Sep-20	Joint Battle Command Platform (JBC-P): Equipment Transfer Guidance	<a href="https://www.psmagazine.army.mil/News/Article/2359623/joint-battle-command-platform-jbc-p-equipment-transfer-guidance/">https://www.psmagazine.army.mil/News/Article/2359623/joint-battle-command-platform-jbc-p-equipment-transfer-guidance/</a>	When changing from the M997A2 to the new M997A3 armored HMMWV ambulance, unit maintainers need to take specific steps to maintain a fully-functional Joint Battle Command Platform (JBC-P) digital computer set.
2-Oct-20	Communications: Submitting PQDRs to CECOM	<a href="https://www.psmagazine.army.mil/News/Article/2368876/communications-submitting-pqdrs-to-cecom/">https://www.psmagazine.army.mil/News/Article/2368876/communications-submitting-pqdrs-to-cecom/</a>	When you initially submit a PQDR, providing detailed information on the SF-368 can help expedite the investigation.
22-Oct-20	AN/PYQ-10(C) SKL: UAS Version 13.0 Approved	<a href="https://www.psmagazine.army.mil/News/Article/2390491/anpyq-10c-skl-uas-version-130-approved/">https://www.psmagazine.army.mil/News/Article/2390491/anpyq-10c-skl-uas-version-130-approved/</a>	Product Leader Communications Security (PdL COMSEC) has approved and authorized the Simple Key Loader (SKL) User Application Software (UAS) Version 13.0 for use on the AN/PYQ-10(C) SKL.
28-Oct-20	KG-175G: Just the Rack, Jack	<a href="https://www.psmagazine.army.mil/News/Article/2395770/kg-175g-just-the-rack-jack/">https://www.psmagazine.army.mil/News/Article/2395770/kg-175g-just-the-rack-jack/</a>	If your unit is scheduled to receive the TACLANE® KG-175G encryptor, note that Product Leader Communications Security (PdL COMSEC) is not including the 1G-TACLANE® mounting rack.



13-Nov-20	SINCGARS: Better Communication Through Preventive Maintenance	<a href="https://www.psmagazine.army.mil/News/Article/2414601/sincgars-better-communication-through-preventive-maintenance/">https://www.psmagazine.army.mil/News/Article/2414601/sincgars-better-communication-through-preventive-maintenance/</a>	<p>Dear Editor,</p> <p>We take care of the RT-1523E and -1523F SINCGARS at Ft. Stewart. We can testify loud and clear that these tips will boost radio communication:</p>
3-Dec-20	Communications: GB-GRAM Software Update Available	<a href="https://www.psmagazine.army.mil/News/Article/2434315/communications-gb-gram-software-update-available/">https://www.psmagazine.army.mil/News/Article/2434315/communications-gb-gram-software-update-available/</a>	<p>A Resiliency and Software Assurance Measures (RSAM) software update is available for the Ground-Based GPS Receiver Applications Module (GB-GRAM) Type I and Type II.</p>
10-Dec-20	Communications: No Cables, No Go! Protect Them!	<a href="https://www.psmagazine.army.mil/News/Article/2441120/communications-no-cables-no-go-protect-them/">https://www.psmagazine.army.mil/News/Article/2441120/communications-no-cables-no-go-protect-them/</a>	<p>...cables are critical. Just one damaged cable could shut down operations and many cost big bucks to replace.</p>
23-Dec-20	PS Magazine: Help Us Help You	<a href="https://www.psmagazine.army.mil/News/Article/2455770/ps-magazine-help-us-help-you/">https://www.psmagazine.army.mil/News/Article/2455770/ps-magazine-help-us-help-you/</a>	<p>Each day, emails from Soldiers and DoD civilians all over the world come into PS Magazine seeking answers to challenges they're facing while maintaining their vehicles and equipment. And each day, Half-Mast or a member of his team replies. In order to help you, ...</p>

# Medical Logistics



Date	Article Title	Link	Excerpt
22-Apr-20	MedLog: Ventilator Volume Portable Tip Sheets	<a href="https://www.psmagazine.army.mil/News/Article/2160546/medlog-ventilator-volume-portable-tip-sheets/">https://www.psmagazine.army.mil/News/Article/2160546/medlog-ventilator-volume-portable-tip-sheets/</a>	The U.S. Army Medical Logistics Command (AMLC) routinely publishes medical maintenance equipment tips sheets. The tip sheets below provide maintenance and sustainment tips on the Ventilator Volume Portable, Model T-1, LIN V99788, NIIN 016485814 Model...
22-Apr-20	MedLog: Gen Oxygen Medical System POGS 33 Tip Sheet	<a href="https://www.psmagazine.army.mil/News/Article/2160457/medlog-gen-oxygen-medical-system-pogs-33-tip-sheet/">https://www.psmagazine.army.mil/News/Article/2160457/medlog-gen-oxygen-medical-system-pogs-33-tip-sheet/</a>	The U.S. Army Medical Logistics Command (AMLC) routinely publishes medical maintenance equipment tips sheets. The tip sheet below provides maintenance and sustainment tips on the Generator Oxygen Medical System, Portable POGS 33, LIN C74952, ...
22-Apr-20	MedLog: Medical Maintenance Operations Div Fact Sheets	<a href="https://www.psmagazine.army.mil/News/Article/2160353/medlog-medical-maintenance-operations-div-fact-sheets/">https://www.psmagazine.army.mil/News/Article/2160353/medlog-medical-maintenance-operations-div-fact-sheets/</a>	The U.S. Army Medical Logistics Command Medical Maintenance Operations Division (MMOD) provides sustainment and depot-level maintenance support for standard and select nonstandard medical materiel to Army components, authorized DoD activities, ...
8-May-20	MedLog: AMLC Concentrator Oxygen Portable Tip Sheet	<a href="https://www.psmagazine.army.mil/News/Article/2180228/medlog-amlc-concentrator-oxygen-portable-tip-sheet/">https://www.psmagazine.army.mil/News/Article/2180228/medlog-amlc-concentrator-oxygen-portable-tip-sheet/</a>	The U.S. Army Medical Logistics Command (AMLC) routinely publishes medical maintenance equipment tips sheets. The tip sheet below provides maintenance and sustainment tips on the Concentrator Oxygen Portable with Case, LIN: M72491, NIIN: ...
21-May-20	MedLog: AMLC Surgical Suction Apparatus Tip Sheet	<a href="https://www.psmagazine.army.mil/News/Article/2194203/medlog-amlc-surgical-suction-apparatus-tip-sheet/">https://www.psmagazine.army.mil/News/Article/2194203/medlog-amlc-surgical-suction-apparatus-tip-sheet/</a>	The U.S. Army Medical Logistics Command (AMLC) routinely publishes medical maintenance equipment tips sheets. The tip sheet below provides maintenance and sustainment tips on the Suction Apparatus, Surgical LIN: S05058, NIIN: 01-677-5151. Click on the image ...
21-May-20	MedLog: AMLC Patient Vital Signs Monitor Tip Sheet	<a href="https://www.psmagazine.army.mil/News/Article/2194254/medlog-amlc-patient-vital-signs-monitor-tip-sheet/">https://www.psmagazine.army.mil/News/Article/2194254/medlog-amlc-patient-vital-signs-monitor-tip-sheet/</a>	The U.S. Army Medical Logistics Command (AMLC) routinely publishes medical maintenance equipment tips sheets. The tip sheet below provides maintenance and sustainment tips on the Monitor, Patient Vital Signs, LIN: M66626, NIIN: 01-432-2707, Model: 206EL...

2-Jun-20	MedLog: AMLC Portable Oxygen Generator Field Tip Sheet	<a href="https://www.psmagazine.army.mil/News/Article/2205266/medlog-amlc-portable-oxygen-generator-field-tip-sheet/">https://www.psmagazine.army.mil/News/Article/2205266/medlog-amlc-portable-oxygen-generator-field-tip-sheet/</a>	The U.S. Army Medical Logistics Command (AMLC) routinely publishes medical maintenance equipment tips sheets. The tip sheet below provides maintenance and sustainment tips on the Oxygen Generator Field, Portable, LIN: P05027, NIIN: 01-648-5957, ...
2-Jun-20	MedLog: AMLC Portable Pump Intravenous Infusion PIV Tip Sheet	<a href="https://www.psmagazine.army.mil/News/Article/2205274/medlog-amlc-portable-pump-intravenous-infusion-piv-tip-sheet/">https://www.psmagazine.army.mil/News/Article/2205274/medlog-amlc-portable-pump-intravenous-infusion-piv-tip-sheet/</a>	The U.S. Army Medical Logistics Command (AMLC) routinely publishes medical maintenance equipment tips sheets. The tip sheet below provides maintenance and sustainment tips on the Pump Intravenous Infusion PIV, Portable, LIN: P16161, NIIN: 01-683-0188
8-Jun-20	MedLog: AMLC Portable Patient Vital Signs Monitor Tip Sheet	<a href="https://www.psmagazine.army.mil/News/Article/2211298/medlog-amlc-portable-patient-vital-signs-monitor-tip-sheet/">https://www.psmagazine.army.mil/News/Article/2211298/medlog-amlc-portable-patient-vital-signs-monitor-tip-sheet/</a>	The U.S. Army Medical Logistics Command (AMLC) routinely publishes medical maintenance equipment tips sheets. The tip sheet below provides maintenance and sustainment tips on the Monitor Patient Vital Signs, Portable, LIN: M66558, NIIN: 01-668-7223, ...
8-Jun-20	MedLog: AMLC Zoll Defibrillator Monitor-Recorder System Tip Sheet	<a href="https://www.psmagazine.army.mil/News/Article/2219938/medlog-amlc-zoll-defibrillator-monitor-recorder-system-tip-sheet/">https://www.psmagazine.army.mil/News/Article/2219938/medlog-amlc-zoll-defibrillator-monitor-recorder-system-tip-sheet/</a>	June 15, 2020 — The U.S. Army Medical Logistics Command (AMLC) routinely publishes medical maintenance equipment tips sheets. The tip sheet below provides maintenance and sustainment tips on the Defibrillator Monitor-Recorder System Zoll, LIN: ...
15-Jun-20	MedLog: AMLC Zoll Defibrillator Monitor-Recorder System Tip Sheet	<a href="https://www.psmagazine.army.mil/News/Article/2219938/medlog-amlc-zoll-defibrillator-monitor-recorder-system-tip-sheet/">https://www.psmagazine.army.mil/News/Article/2219938/medlog-amlc-zoll-defibrillator-monitor-recorder-system-tip-sheet/</a>	The U.S. Army Medical Logistics Command (AMLC) routinely publishes medical maintenance equipment tips sheets. The tip sheet below provides maintenance and sustainment tips on the Defibrillator Monitor-Recorder System Zoll, LIN: D86072, NIIN: 01-515-4197, ...
22-Jun-20	MedLog: AMLC Propaq Defibrillator Monitor-Recorder System Tip Sheet	<a href="https://www.psmagazine.army.mil/News/Article/2227902/medlog-amlc-propaq-defibrillator-monitor-recorder-system-tip-sheet/">https://www.psmagazine.army.mil/News/Article/2227902/medlog-amlc-propaq-defibrillator-monitor-recorder-system-tip-sheet/</a>	The U.S. Army Medical Logistics Command (AMLC) routinely publishes medical maintenance equipment tips sheets. The tip sheet below provides maintenance and sustainment tips on the Defibrillator Monitor-Recorder System Propaq, LIN: D86072, NIIN: 01-659-4040...

9-Jul-20	MedLog: KAVO Dental X-Ray Apparatus Tip Sheet	<a href="https://www.psmagazine.army.mil/News/Article/2268685/medlog-kavo-dental-x-ray-apparatus-tip-sheet/">https://www.psmagazine.army.mil/News/Article/2268685/medlog-kavo-dental-x-ray-apparatus-tip-sheet/</a>	<p>The U.S. Army Medical Logistics Command (AMLC) routinely publishes medical maintenance equipment tips sheets. The tip sheet below provides maintenance and sustainment tips on the X-ray Apparatus Dental, LIN: X38819, NIIN: 01-677-4553, Model: KAVO PRO...</p>
23-Dec-20	PS Magazine: Help Us Help You	<a href="https://www.psmagazine.army.mil/News/Article/2455770/ps-magazine-help-us-help-you/">https://www.psmagazine.army.mil/News/Article/2455770/ps-magazine-help-us-help-you/</a>	<p>Each day, emails from Soldiers and DoD civilians all over the world come into PS Magazine seeking answers to challenges they're facing while maintaining their vehicles and equipment. And each day, Half-Mast or a member of his team replies. In order to help you, ...</p>