

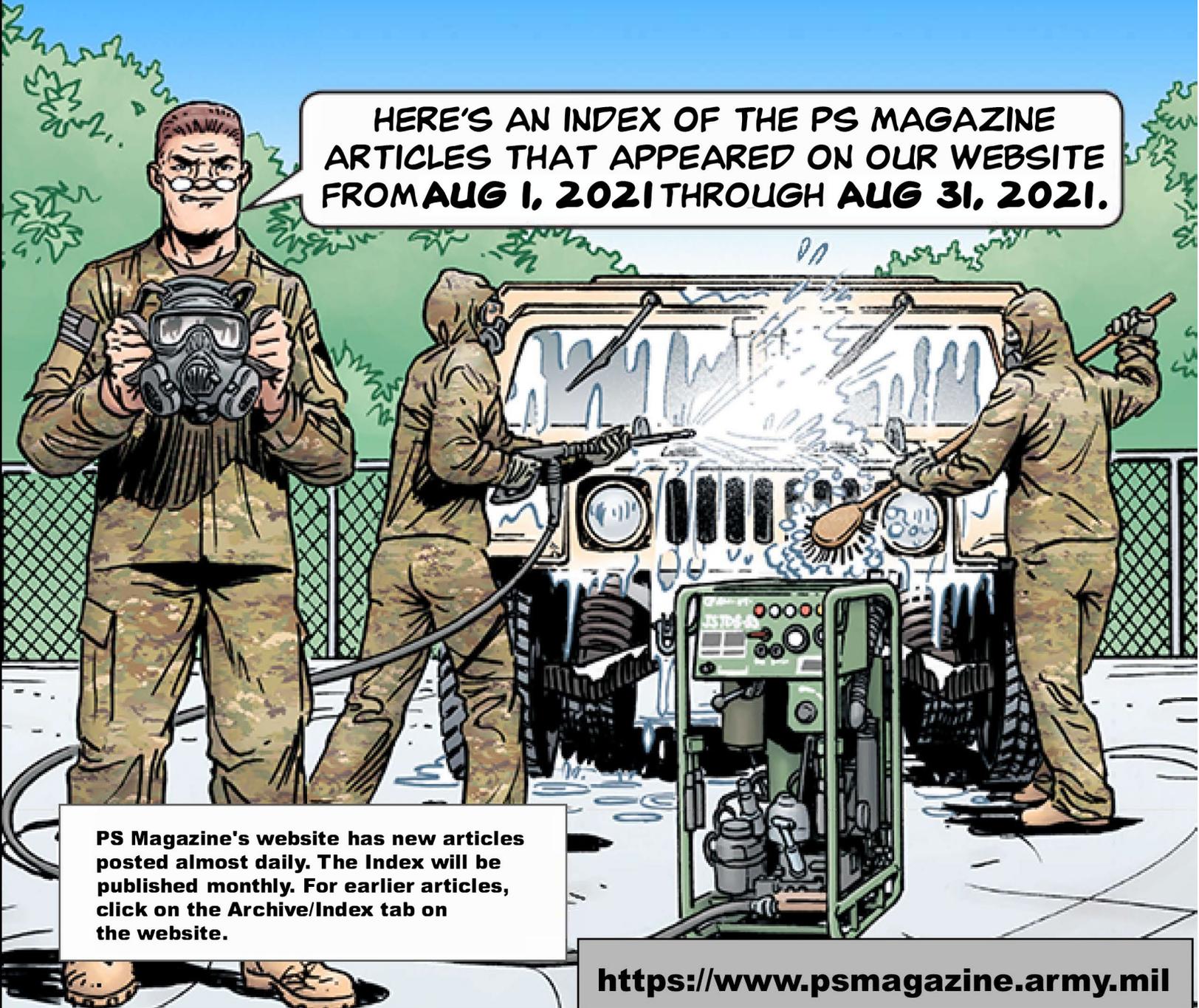


TB 43-PS-812

The Preventive Maintenance Monthly Index

Of Online Articles

15 SEPTEMBER 2021

A comic-style illustration showing a soldier in a brown hazmat suit and goggles holding a respirator mask. In the background, two other soldiers in similar suits are cleaning a white vehicle with high-pressure water and brushes. A green maintenance machine is in the foreground.

HERE'S AN INDEX OF THE PS MAGAZINE
ARTICLES THAT APPEARED ON OUR WEBSITE
FROM **AUG 1, 2021** THROUGH **AUG 31, 2021**.

PS Magazine's website has new articles posted almost daily. The Index will be published monthly. For earlier articles, click on the Archive/Index tab on the website.

<https://www.psmagazine.army.mil>



The Preventive Maintenance Monthly Index of Online Articles

Issue 812

General & Special Topics	2
Aviation	4
CBRN	8
Combat Vehicles	10
Construction	12
Commo/Electronics	14
H2F	16
Logistics Management	18
Medical Logistics	20
Mines	22
Missiles	24
Small Arms	26
Soldier Support	28
Tactical Vehicles	30
Tools	34

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PS: The Preventive Maintenance Monthly Index of Online Articles (ISSN 0475-2953)
is published monthly by the Department of the Army, Redstone Arsenal, AL 35898.

You are invited to send PS your ideas for improving maintenance procedures, questions on maintenance and supply problems and questions or comments on material published in PS.

Just write to:

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PS, the Preventive Maintenance Monthly
USAMC ARMY SUSTAINMENT COMMAND
BLDG 3648C-1
Redstone Arsenal, AL 35898

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<https://www.psmagazine.army.mil>

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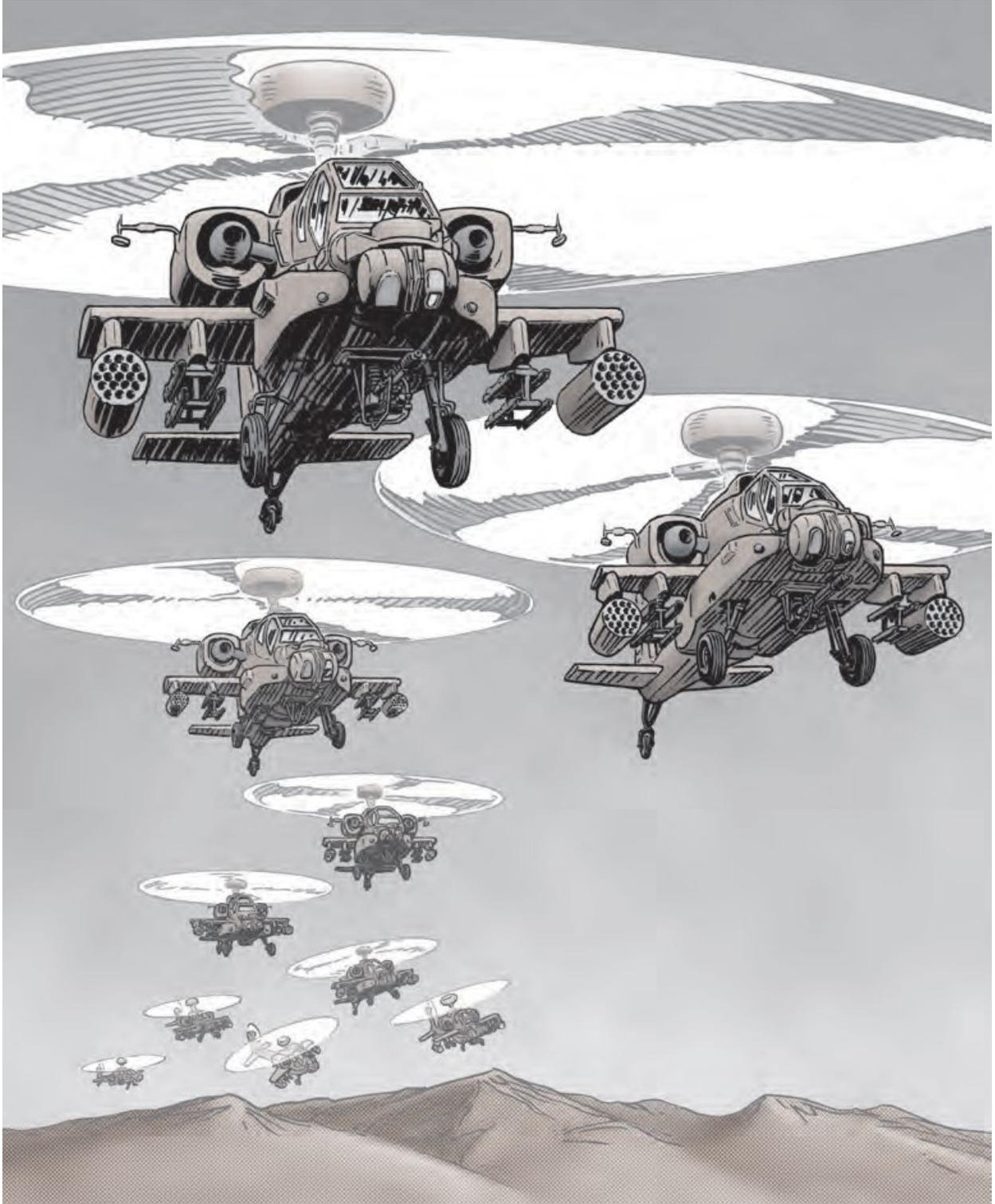
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General and Special Topics



Date	Article Title	Link	Excerpt
4-Aug-21	I Own This: July 2021 Nominees	https://www.psmagazine.army.mil/News/Article/2718799/i-own-this-july-2021-nominees/	<p>PS Magazine's I Own This campaign is designed to recognize Warfighters of all services who exemplify the highest standards of care for their assigned vehicles and equipment and contribute in meaningful ways to their unit's overall maintenance and supply posture. In short, they live and breathe readiness. ...</p>
16-Aug-21	I Own This Campaign: Nominate a Deserving Warfighter	https://www.psmagazine.army.mil/News/Article/2188371/i-own-this-campaign-nominate-a-deserving-warfighter/	<p>Taking ownership and pride in assigned vehicles and equipment is vital to ensuring personal, unit and fleet readiness. Without this personal investment and active involvement, Warfighters fail to ensure preventive and scheduled maintenance gets done when it should and by the book. This failure, in turn, results in...</p>
24-Aug-21	The Future is Now: AMC Implements Additive Manufacturing Digital Thread	https://www.psmagazine.army.mil/News/Article/2743291/the-future-is-now-amc-implements-additive-manufacturing-digital-thread/	<p>To be successful, AMC has to not only focus on present challenges but anticipate future opportunities that will enable it to sustain Army readiness smarter, faster, safer and more cost-effectively. One emerging technology that holds great promise for achieving these outcomes is Additive Manufacturing (AM),...</p>

Aviation



Date	Article Title	Link	Excerpt
2-Aug-21	Apache: Use DA Form 2028 for IETM Improvements	https://www.psmagazine.army.mil/News/Article/2715614/apache-use-da-form-2028-for-ietm-improvements/	Soldiers, the Apache IETM group appreciates the contributions you've made to improve the Apache TMs.
2-Aug-21	Apache: Stay in Touch with Transportability Team	https://www.psmagazine.army.mil/News/Article/2716455/apache-stay-in-touch-with-transportability-team/	The Apache Project Management (PM) Transportability Team (APMTT) provides support to Apache units requiring movement.
4-Aug-21	AH-64D/E: Trouble with MUMT?	https://www.psmagazine.army.mil/News/Article/2718188/ah-64de-trouble-with-mumt/	According to the Apache Sensors Project Office, maintainers are encountering poor Manned Un-Manned Teaming (MUMT) signal strength on systems that check out with a test set, while pilots are reporting having bad video in the aircraft.
5-Aug-21	UH-60: Turn in These Unserviceable Parts	https://www.psmagazine.army.mil/News/Article/2720551/uh-60-turn-in-these-unserviceable-parts/	Mechanics, the NSNs below have a low unserviceable return rate. All units should check their back shops for unserviceable parts and ship them in their original containers ASAP.
5-Aug-21	UH-60: Need IVHMS Tech Support? You Got It!	https://www.psmagazine.army.mil/News/Article/2720663/uh-60-need-ivhms-tech-support-you-got-it/	Mechanics, if you need help with your Black Hawk Integrated Vehicle Management System (IVHMS), contact your regional IVHMS representative or the Utility Helicopter Project Office (UHPO) POCs listed below by email:
10-Aug-21	Apache: CCAD Needs Unserviceable Carrier Drive Assemblies	https://www.psmagazine.army.mil/News/Article/2725696/apache-ccad-needs-unserviceable-carrier-drive-assemblies/	Apache armament maintainers, check your back shops and work locations for unserviceable carrier drive assemblies, NSN 1005-01-221-7602. Corpus Christi Army Depot (CCAD) needs them.

17-Aug-21	MEDEVAC: Get Your MEDMET Training Done	https://www.psmagazine.army.mil/News/Article/2734962/medevac-get-your-medmet-training-done/	PD MEDEVAC is on a mission to make sure the MEDEVAC community gets needed maintenance training.
20-Aug-21	AH-64D/E: Protecting Your TADS/PNVS Time Delay Unit	https://www.psmagazine.army.mil/News/Article/2739582/ah-64de-protecting-your-tadspnvs-time-delay-unit/	Mechanics and operators, if you're seeing screen degradation on the Target Acquisition Designation Sight/Pilot Night Vision Time Delay Unit (TADS/PNVS TDU), that's a sign of a breakdown in the polarization layer of the unit caused by exposure to sunlight or solar radiation, as well as heat and humidity.
24-Aug-21	UH-60: Ordering Non-Stock Listed Parts	https://www.psmagazine.army.mil/News/Article/2743459/uh-60-ordering-non-stock-listed-parts/	MEDEVAC maintainers in the field frequently request non-stock listed items. Even if an item or part doesn't have an NSN, you can still order it with a part number (PN) using DD Form 1348-6, DOD Single Line Item Requisition System Document.
25-Aug-21	Lakota: Having Flight Control Rod Issues?	https://www.psmagazine.army.mil/News/Article/2746587/lakota-having-flight-control-rod-issues/	Heads up, Lakota operators. The Light Helicopter Product Office (LHPO) has received reports from units that have discovered cracked swaged collars on the flight control rods.
27-Aug-21	AGSE: For Want of an ALUMMC Windshield Bolt	https://www.psmagazine.army.mil/News/Article/2753356/agse-for-want-of-an-alummc-windshield-bolt/	In WP 0132 (Maintainer Maintenance Windshield Assembly) of the aviation light utility mobile maintenance cart's (ALUMMC) TM 1-1740-213-13&P (Feb 16), mushroom bolts are needed to secure the windshield.
27-Aug-21	UH-60M: Remove Stabilator Bolts the Right Way	https://www.psmagazine.army.mil/News/Article/2753576/uh-60m-remove-stabilator-bolts-the-right-way/	Mechanics, if you're having problems removing the stabilator from your aircraft because the attachment bolts are stuck, using a hammer and a brass bar on the bolts will only damage them.

27-Aug-21	MEDEVAC: Rescue Hoist Hook Now Has NSN	https://www.psmagazine.army.mil/News/Article/2753555/medevac-rescue-hoist-hook-now-has-nsn/	Make a note that the D-Lok hook used on the internal hoist (Models BL-29900-30, 42305-5) is not susceptible to dynamic rollout.
27-Aug-21	MEDEVAC: NSN Assigned for Lift Bag Kit	https://www.psmagazine.army.mil/News/Article/2753713/medevac-nsn-assigned-for-lift-bag-kit/	MEDEVAC operators, based on input and feedback from the field on the use and ordering of lift bag kits, PD MEDEVAC has now assigned the kit an NSN.

CBRN



There are no new articles this month.

Combat Vehicles



Date	Article Title	Link	Excerpt
3-Aug-21	Combat Vehicles: LRU Troubleshooting and NGATS/DSESTS	https://www.psmagazine.army.mil/News/Article/2717590/combat-vehicles-lru-troubleshooting-and-ngatsdsests/	<p>Some units are turning in line replaceable units (LRUs) as unserviceable when they're actually in good working condition. Turning in serviceable LRUs drives up costs and makes units spend money unnecessarily. Not to mention that unit readiness is hurt while vehicles sit around the motor pool waiting on replacement ...</p>
26-Aug-21	Ground Vehicles: QR Codes for PMCS Not TACOM-Endorsed	https://www.psmagazine.army.mil/News/Article/2747782/ground-vehicles-qr-codes-for-pmcs-not-tacom-endorsed/	<p>Dear MSG Half-Mast, I work on a Command Maintenance Evaluation/Maintenance Assistance Instruction (COMET/MAIT) team and keep seeing quick response (QR) codes used to access the PMCS tables of a vehicle's TMs. Can they be used? The quick answer is, NO. Read this article to get...</p>

Construction



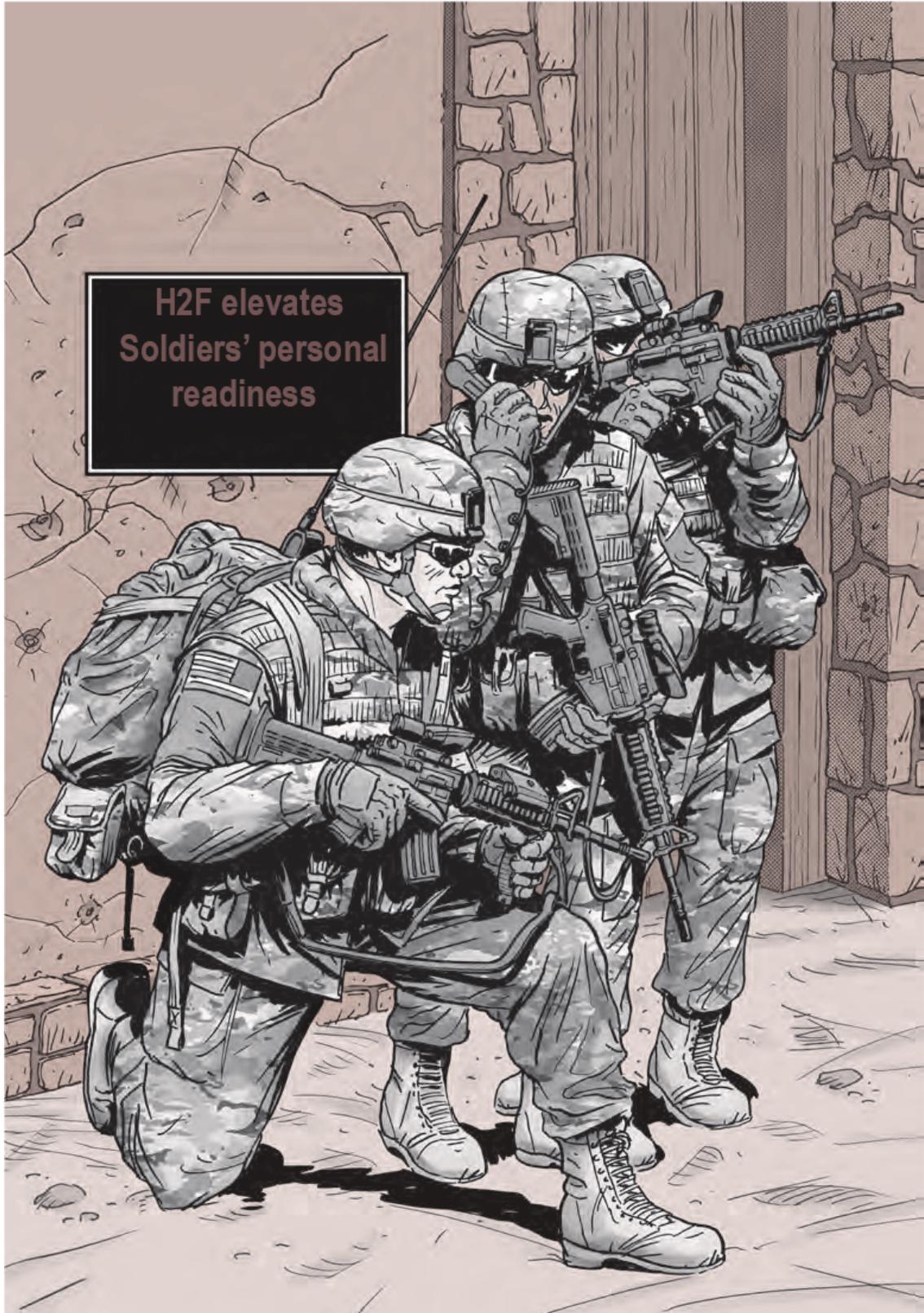
Date	Article Title	Link	Excerpt
12-Aug-21	120M Road Grader: Be Air-Aware When Flow's Too Slow!	https://www.psmagazine.army.mil/News/Article/2729636/120m-road-grader-be-air-aware-when-flows-too-slow/	<p>This article initially appeared in PS 766 (Sep 16), p. 19. Operators, when it comes to the inside and outside air filter elements for your 120M road grader's cab, you need to be air aware...</p>
18-Aug-21	HMEE-I: Blackout Drive Light Reminder	https://www.psmagazine.army.mil/News/Article/2735434/hmee-i-blackout-drive-light-reminder/	<p>Operators, the excavator's blackout (BO) drive light is mounted to a moveable drive light assembly that can be mounted on the loader bucket for Department of Transportation (DOT) approved on-road travel or to the vehicle's cab for all other uses...</p>
20-Aug-21	815F Compactor: Preventive Maintenance Tips	https://www.psmagazine.army.mil/News/Article/2740005/815f-compactor-preventive-maintenance-tips/	<p>Operators, keep these preventive maintenance (PM) tips in mind before you hop into the 815F compactor at the worksite...</p>
26-Aug-21	Ground Vehicles: QR Codes for PMCS Not TACOM-Endorsed	https://www.psmagazine.army.mil/News/Article/2747782/ground-vehicles-qr-codes-for-pmcs-not-tacom-endorsed/	<p>Dear MSG Half-Mast, I work on a Command Maintenance Evaluation/Maintenance Assistance Instruction (COMET/MAIT) team and keep seeing quick response (QR) codes used to access the PMCS tables of a vehicle's TMs. Can they be used? The quick answer is, NO. Read this article to get...</p>

Commo/Electronics



Date	Article Title	Link	Excerpt
3-Aug-21	DCGS-A: Two New Pubs Launched	https://www.psmagazine.army.mil/News/Article/2717415/dcgs-a-two-new-pubs-launched/	There are two ((2)) new TMs that cover operator and field maintenance, including RSPTL, for the DCGS-A portable, multi-function workstation (P-MFWS).
5-Aug-21	ECU: Refrigerant Change Sparks Alert	https://www.psmagazine.army.mil/News/Article/2720356/ecu-refrigerant-change-sparks-alert/	Here's an important message for units: Refrigeration and maintenance services on Environmental Control Unit (ECU) systems that contain a refrigerant known as R22 are no longer authorized to be performed in OCONUS locations in Europe.
10-Aug-21	Training: LandWarNet Offers Many Options	https://www.psmagazine.army.mil/News/Article/2725442/training-landwarnet-offers-many-options/	Have you heard of LandWarNet (LWN) eUniversity? It's the Army's one-stop training resource for all things cyber, signal, mission command and information technology...
27-Aug-21	AN/PYQ-10A(c) SKL: Better Battery Drops in FY22	https://www.psmagazine.army.mil/News/Article/2753151/anpyq-10ac-skl-better-battery-drops-in-fy22/	A new heavy duty (HD) battery, NSN 6130-01-691-0809, for the AN/PYQ-10A(c) Simple Key Loader (SKL), is scheduled to replace the current HD battery, NSN 6130-01-525-2788, for all newly-produced SKLs by November 30, 2021, and as a replacement battery for already-fielded SKLs.

H2F



There are no new articles this month.

Logistics Management



Date	Article Title	Link	Excerpt
24-Aug-21	The Future is Now: AMC Implements Additive Manufacturing Digital Thread	https://www.psmagazine.army.mil/News/Article/2743291/the-future-is-now-amc-implements-additive-manufacturing-digital-thread/	<p>To be successful, AMC has to not only focus on present challenges but anticipate future opportunities that will enable it to sustain Army readiness smarter, faster, safer and more cost-effectively. One emerging technology that holds great promise for achieving these outcomes is Additive Manufacturing (AM), ...</p>
26-Aug-21	Ground Vehicles: QR Codes for PMCS Not TACOM-Endorsed	https://www.psmagazine.army.mil/News/Article/2747782/ground-vehicles-qr-codes-for-pmcs-not-tacom-endorsed/	<p>Dear MSG Half-Mast, I work on a Command Maintenance Evaluation/Maintenance Assistance Instruction (COMET/MAIT) team and keep seeing quick response (QR) codes used to access the PMCS tables of a vehicle's TMs. Can they be used? The quick answer is, NO. Read this article to get...</p>

Medical Logistics



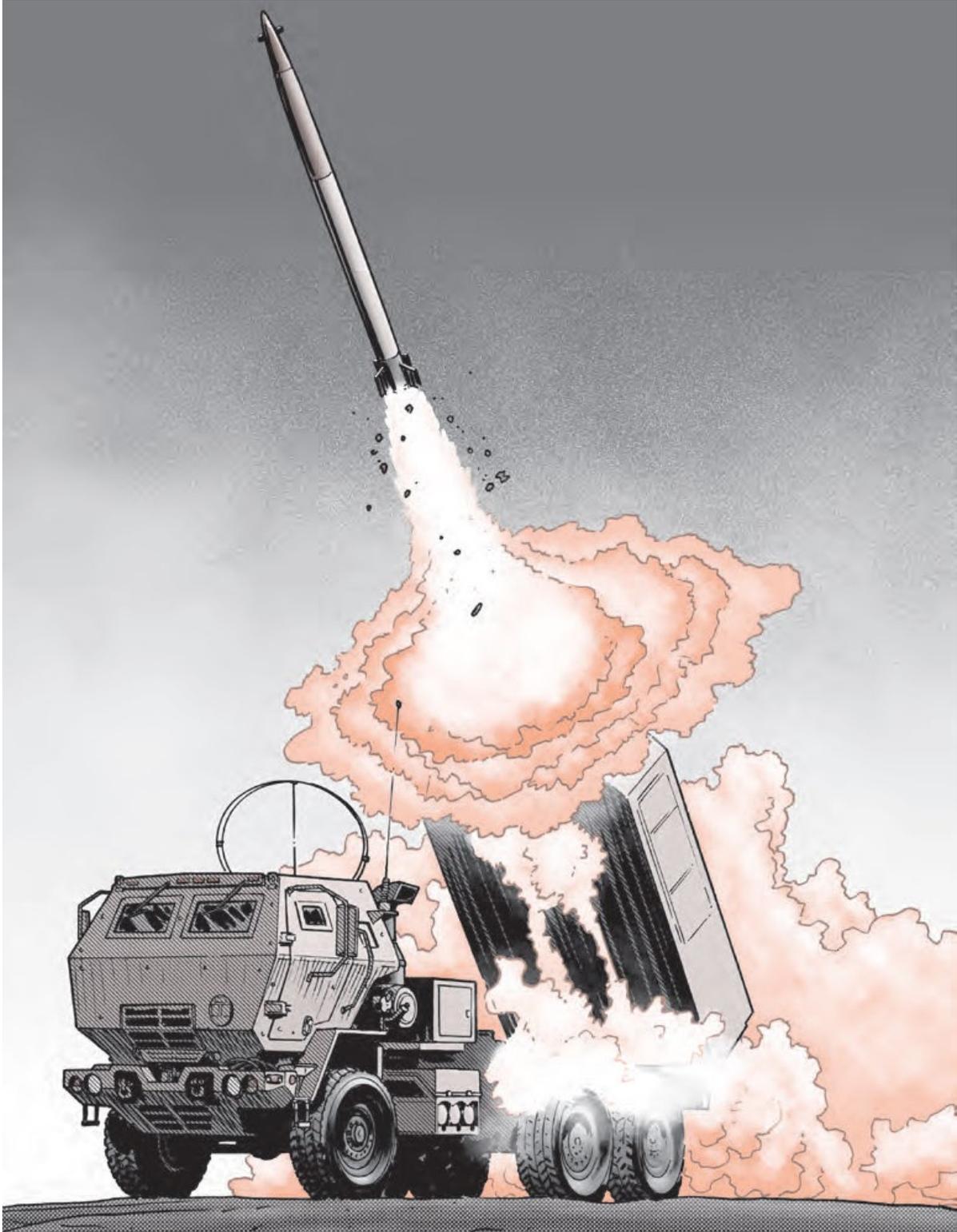
There are no new articles this month.

Mines



There are no new articles this month.

Missiles



Date	Article Title	Link	Excerpt
3-Aug-21	Patriot: Contaminated Hydraulic Fluid Can Cause Faults	https://www.psmagazine.army.mil/News/Article/2717304/patriot-contaminated-hydraulic-fluid-can-cause-faults/	<p>Dear Editor, The Patriot system is deployed worldwide and operates in all types of conditions from hot and dry to moist and freezing. Under these conditions, the hydraulic system can become contaminated by either particles or moisture. ...</p>
18-Aug-21	MLRS: PMCS Multiplies Performance	https://www.psmagazine.army.mil/News/Article/2736546/mlrs-pmcs-multiplies-performance/	<p>Dear Editor, while I was reading Pages 36-38 of PS 769 (Dec 16), I noticed some out-of-date information. The lubricant has changed and there's a new TM number along with a few other things. Is it possible to make these changes with the latest information?...</p>

Small Arms



Date	Article Title	Link	Excerpt
11-Aug-21	M9 Pistol: No Cracks please!	https://www.psmagazine.army.mil/News/Article/2727108/m9-pistol-no-cracks-please/	<p>This article initially appeared in PS 760 (Mar 16), p. 36-38. Your M9 pistol will eventually develop cracks if it's fired regularly. That's just a fact of life. So it's important that you spot cracks before your M9 completely cracks up. Here's how to catch cracks early. ...</p>
12-Aug-21	M320 Grenade Launcher: Watch Your Fingers!	https://www.psmagazine.army.mil/News/Article/2728132/m320-grenade-launcher-watch-your-fingers/	<p>This article initially appeared in PS 760 (Mar 16), p. 42. The M320 grenade launcher has a very short barrel. If your fingers stick out instead of fully wrapping around the grip, they're much more likely to be injured. Be mindful of how you hold the grip. ...</p>
12-Aug-21	M249 Machine Gun: Won't Fire? Check Piston Pin	https://www.psmagazine.army.mil/News/Article/2728732/m249-machine-gun-wont-fire-check-piston-pin/	<p>This article initially appeared in PS 758 (May 16), p. 42. Dear Editor, Recently I was trying to repair an M249 that wouldn't fire. It would chamber rounds and extract them with no problem...</p>
18-Aug-21	120mm Mortar: Have You Read the Latest SOUM?	https://www.psmagazine.army.mil/News/Article/2737136/120mm-mortar-have-you-read-the-latest-soum/	<p>Soldiers, there's a new safety of use message (SOUM) for the 120mm mortar. TACOM issued SOUM 21-008, Potential Cracks and Inclusions, on 6 Jul 21. It's an update to SOUM 21-006, Potential Cracks and Inclusions, dated 21 Apr 21...</p>

Soldier Support



Date	Article Title	Link	Excerpt
10-Aug-21	Training: LandWarNet Offers Many Options	https://www.psmagazine.army.mil/News/Article/2725442/training-landwarnet-offers-many-options/	Have you heard of LandWarNet (LWN) eUniversity? It's the Army's one-stop training resource for all things cyber, signal, mission command and information technology...
27-Aug-21	Clothing: Instructions for Wearing the AGSU	https://www.psmagazine.army.mil/News/Article/2753213/clothing-instructions-for-wearing-the-agsu/	The Army G-1 Uniform Policy Branch has created a quick visual aid for wearing the Army Green Service Uniform (AGSU). To download the uniform guide, visit the PS Magazine milBook site. We've got the link right here...

Tactical Vehicles

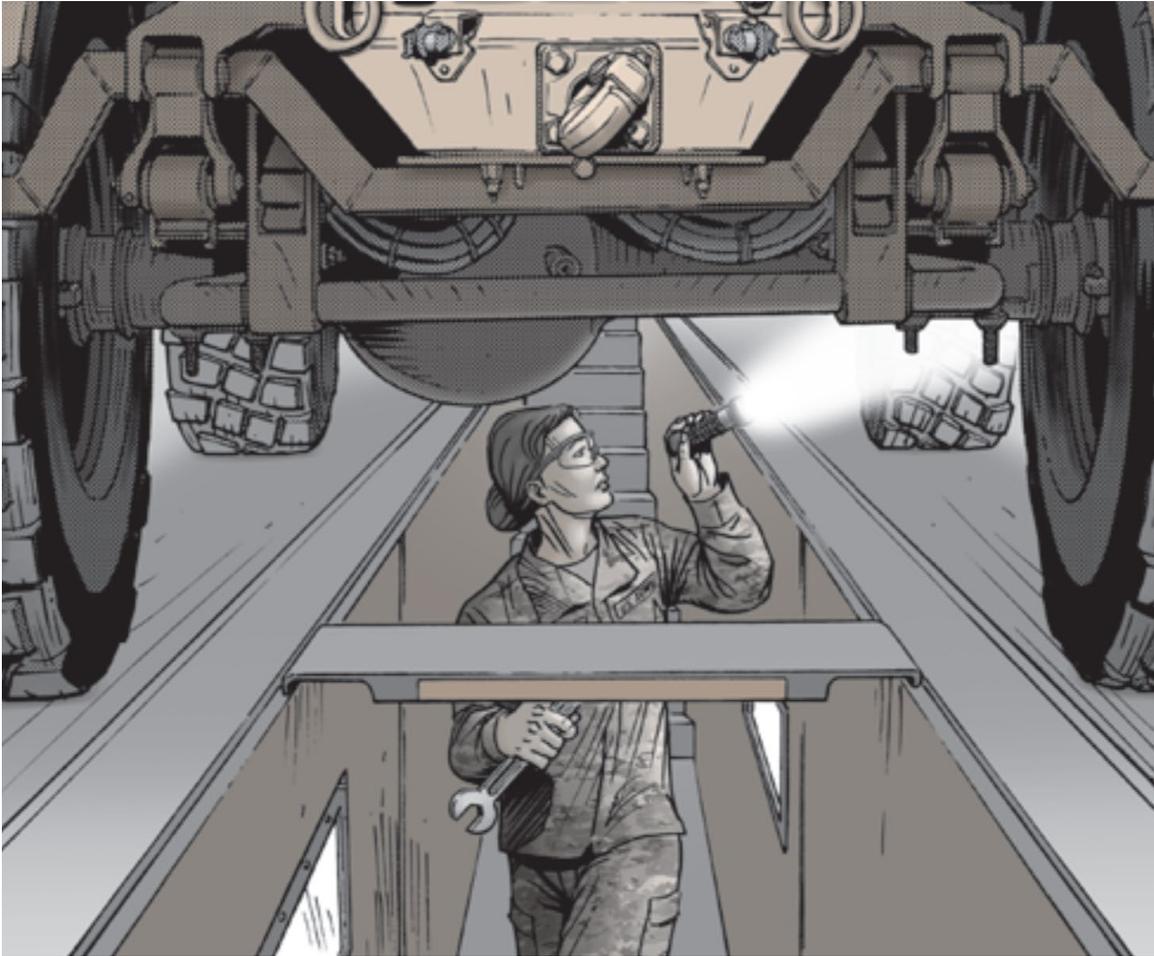


Date	Article Title	Link	Excerpt
3-Aug-21	HEMTT, PLS: The New Plan is NCOMP	https://www.psmagazine.army.mil/News/Article/2717273/hemtt-pls-the-new-plan-is-ncomp/	<p>Warfighters, there's a new plan for HEMTT and PLS vehicles that aren't used very often. The Optimized Maintenance Non-Combat Operations Maintenance Plan (NCOMP) will help reduce service workload for idle vehicles. Here's what you need to know...</p>
3-Aug-21	HMMWV: Ordering Steering Gear	https://www.psmagazine.army.mil/News/Article/2717562/hmmwv-ordering-steering-gear/	<p>Dear Half Mast, my unit has been trying to order a steering gear (also known as the pitman arm) for an M1097R1 HMMWV that still has the older steering box and system. FED LOG lists an acquisition advice code (AAC) of X (semi-active item; no replacement with stock on-hand) for the item...</p>
5-Aug-21	M997A3 HMMWV Ambulance: New and Improved HVAC Kit on the Way	https://www.psmagazine.army.mil/News/Article/2721145/m997a3-hmmwv-ambulance-new-and-improved-hvac-kit-on-the-way/	<p>Soldiers, excited about receiving the M997A3 HMMWV ambulance with the new and improved heating, ventilation and air conditioning (HVAC) system kit?...</p>
9-Aug-21	M1078 FMTV: Get Doors for Older Models	https://www.psmagazine.army.mil/News/Article/2724510/m1078-fmtv-get-doors-for-older-models/	<p>Soldiers, M1078 FMTVs are no longer produced. If your FMTV has a serial number of 121,109 or below, the NSNs listed for the doors in TM 9-2320-391-23&P (Oct 17) are no longer valid. Here's how you can still get doors...</p>
10-Aug-21	M1101 Trailer: One Strap or Two?	https://www.psmagazine.army.mil/News/Article/2725352/m1101-trailer-one-strap-or-two/	<p>Maintainers, before you order that water can strap for your trailer, look at the water can holder. Depending on the type of holder mounted onto your trailer, you'll need either a single strap or dual straps. Take a look here...</p>
10-Aug-21	Tactical Vehicles: Don't Use Biodiesel Blends!	https://www.psmagazine.army.mil/News/Article/2725489/tactical-vehicles-dont-use-biodiesel-blends/	<p>Warfighters, have you wondered if you can use biodiesel blends in your tactical vehicles? Well, wonder no more because the answer is no. Read on for more info...</p>

10-Aug-21	M1082, M1095 Trailers: NCOMP is the New Plan	https://www.psmagazine.army.mil/News/Article/2725521/m1082-m1095-trailers-ncomp-is-the-new-plan/	Maintainers, there's a new plan for M1082 2-1/2 ton and M1095 5-ton trailers that aren't used very much. The Optimized Maintenance Non-Combat Operations Maintenance Plan (NCOMP) will help reduce the service workload for these idle trailers. Get the info here...
17-Aug-21	M915A5 Tractor: Right NSN for Taillight	https://www.psmagazine.army.mil/News/Article/2734382/m915a5-tractor-right-nsn-for-taillight/	Operators, be careful ordering a taillight for your M915A5 tractor. Item 1 of Fig 103 in TM 9-2320-426-13&P (IETM EM 0308, Aug 14) shows it as stoplight vehicular, NSN 6220-01-550-1339. That's wrong. We've got the right info for you here...
17-Aug-21	JLTV: A/C Lines and Radiator Tube Interference	https://www.psmagazine.army.mil/News/Article/2735273/jltv-ac-lines-and-radiator-tube-interference/	Some fielded A1-series JLTVs have been found with coolant tubes contacting the A/C line fitting on the coolant hose assembly. The primary causes are line routing and their close proximity to each other. Vibrations during vehicle operation can cause a wear mark on the aluminum coolant hose...
24-Aug-21	HEMTT: Dressed Cab Assembly or Push Kit?	https://www.psmagazine.army.mil/News/Article/2743174/hemtt-dressed-cab-assembly-or-push-kit/	Dear Half-Mast, my unit has an M977A4 HEMTT with a damaged cab, and we need a dressed cab assembly. Can you help? Yes. Here's the scoop... ..
25-Aug-21	M915A5 Tractor Truck: Get Right NSN for Fuel Line	https://www.psmagazine.army.mil/News/Article/2746629/m915a5-tractor-truck-get-right-nsn-for-fuel-line/	Maintainers, here's a heads up if you have an M915A5 tractor truck! The NSN for the fuel line is wrong in the IETM. Here's the right one...
26-Aug-21	Ground Vehicles: QR Codes for PMCS Not TACOM-Endorsed	https://www.psmagazine.army.mil/News/Article/2747782/ground-vehicles-qr-codes-for-pmcs-not-tacom-endorsed/	Dear MSG Half-Mast, I work on a Command Maintenance Evaluation/Maintenance Assistance Instruction (COMET/MAIT) team and keep seeing quick response (QR) codes used to access the PMCS tables of a vehicle's TMs. Can they be used? The quick answer is, NO. Read this article to get...

27-Aug-21	Fuel Tankers: Need an Alternator or Cooling Fan Belt?	https://www.psmagazine.army.mil/News/Article/2752792/fuel-tankers-need-an-alternator-or-cooling-fan-belt/	Operators, be careful while ordering that alternator belt for your tanker trailer. Older model tanker trailers use a different belt than the newer models. That's because they have different-sized alternator pulleys. Read more here...
27-Aug-21	PQAS-E: Time to Swap the Laptop Hard Drive	https://www.psmagazine.army.mil/News/Article/2752899/pqas-e-time-to-swap-the-laptop-hard-drive/	Do you own or maintain a Petroleum Quality Analysis System-Enhanced (PQAS-E)? If so, it's time to swap the B300 Laptop W10 Internal HD (hard drive). We've got the info here...

Tools



Date	Article Title	Link	Excerpt
26-Aug-21	SATS Trailer: Door and ECU Panel Parts	https://www.psmagazine.army.mil/News/Article/2747533/sats-trailer-door-and-ecu-panel-parts/	Dear Half-Mast, I'm looking for the NSN to a door handle for the side generator access panel on the SATS trailer. I also need the NSN for the thumbscrew that's attached to the panel on the ECU. Can you help? ...

Make **PMCS**...

WOULD YOU STAKE
YOUR LIFE, *RIGHT NOW*,
ON THE CONDITION OF
YOUR EQUIPMENT?



...a **Team Effort** in
your **Motor Pool!**