



TB 43-PS-815

# The Preventive Maintenance Monthly Index

Of Online Articles

**15 DECEMBER 2021**

HERE'S AN INDEX OF THE PS MAGAZINE  
ARTICLES THAT APPEARED ON OUR WEBSITE  
FROM NOV 1, 2021 THROUGH NOV 30, 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.

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# The Preventive Maintenance Monthly Index of Online Articles

## Issue 815

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TB 43-PS-815, **The Preventive Maintenance Monthly Index of Online Articles** is an official publication of the Department of the Army, providing a reference tool for all Soldiers assigned to combat and combat support units to access PS Magazine articles published to its official .mil website. All referenced articles have been reviewed and approved by the agency responsible for the equipment, publication or policy discussed in any referenced article. Application of the information in those articles is encouraged but optional with the user. The use of product or company names does not constitute endorsement of those products, services or companies by the U.S. Army. The use of non-DoD hyperlinks, along with that content, does not constitute endorsement by the DoD or DA. Neither DoD nor DA exercises any editorial control over, and cannot vouch for, content on non-DoD websites.

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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**  
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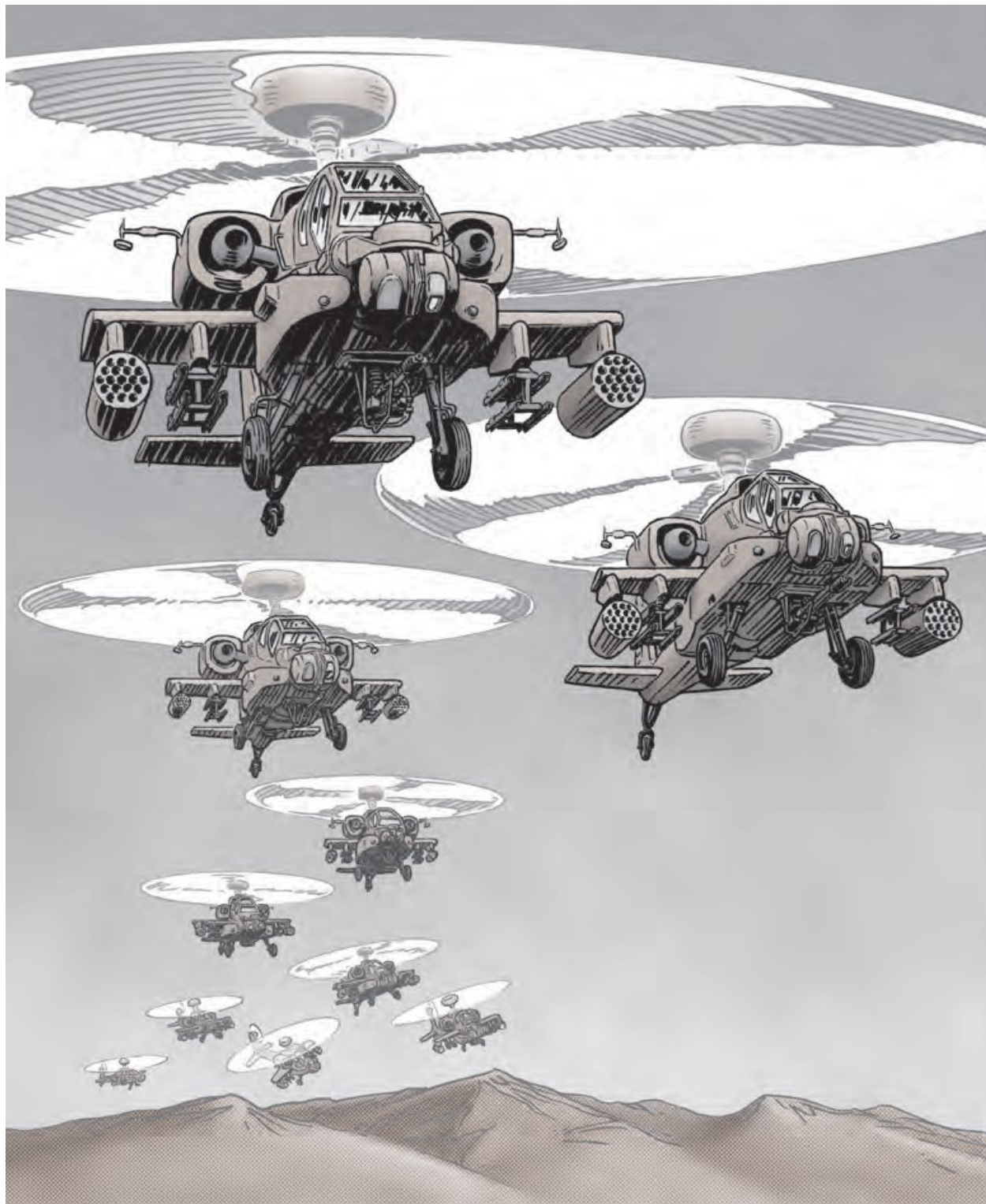


## General and Special Topics



| Date      | Article Title   | Link  | Excerpt  |
|-----------|---|---|--|
| 1-Nov-21  | Leader Interview: CSM Brady - CECOM and APG                       | <a href="https://www.psmagazine.army.mil/News/Article/2828143/leader-interview-csm-brady-cecom-and-apg/">https://www.psmagazine.army.mil/News/Article/2828143/leader-interview-csm-brady-cecom-and-apg/</a>   | MSG Half-Mast dropped by Aberdeen Proving Ground (APG), the first home of PS Magazine, to interview Command Sergeant Major (CSM) Kristie L. Brady, the senior enlisted advisor for the Communications-Electronics Command (CECOM) and the senior APG CSM. CSM Brady assumed her current duties on June 25, 2020...                                   |
| 1-Nov-21  | Cold Weather: Some Must-Read PS Articles to Prepare, Plan & Train | <a href="https://www.psmagazine.army.mil/News/Article/2828213/cold-weather-some-must-read-ps-articles-to-prepare-plan-train/">https://www.psmagazine.army.mil/News/Article/2828213/cold-weather-some-must-read-ps-articles-to-prepare-plan-train/</a> | Warfighters, it's time to gear up and prepare for the many challenges of cold weather, not to mention the hazards of winter driving. Read on info and links to cold weather articles...  |
| 1-Nov-21  | I Own This: October 2021 Nominees                                 | <a href="https://www.psmagazine.army.mil/News/Article/2828837/i-own-this-october-2021-nominees/">https://www.psmagazine.army.mil/News/Article/2828837/i-own-this-october-2021-nominees/</a>   | 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. Here's the nominee for Oct 2021... |
| 29-Nov-21 | Leader Interview: CSM Kea, 916th Support BDE, NTC                 | <a href="https://www.psmagazine.army.mil/News/Article/2854656/leader-interview-csm-kea-916th-support-bde-ntc/">https://www.psmagazine.army.mil/News/Article/2854656/leader-interview-csm-kea-916th-support-bde-ntc/</a>                               | MSG Half-Mast recently spent some time out at the National Training Center (NTC), in the "sandbox," with Command Sergeant Major (CSM) Montrell L. Kea, the 916th Support Brigade's (BDE's) senior enlisted Soldier. CSM Kea assumed his current duties in June of 2021...  |

# Aviation



| Date     | Article Title  | Link  | Excerpt  |
|----------|--|---|--|
| 3-Nov-21 | MEDEVAC: EPA Certification Training Required             | <a href="https://www.psmagazine.army.mil/News/Article/2831732/medevac-epa-certification-training-required/">https://www.psmagazine.army.mil/News/Article/2831732/medevac-epa-certification-training-required/</a>                       | Environmental Protection Agency (EPA) certification training is now available at the MEDEVAC Mission Equipment Training (MEDMET) Center.   |
| 5-Nov-21 | T700 Engines: Field Repair of B Nut Authorized           | <a href="https://www.psmagazine.army.mil/News/Article/2835680/t700-engines-field-repair-of-b-nut-authorized/">https://www.psmagazine.army.mil/News/Article/2835680/t700-engines-field-repair-of-b-nut-authorized/</a>                   | Mechanics, the T700 Office has determined that field repair of the B nut on the cold section module (CSM) is a cost savings over procuring a new cold section module. Two maintenance engineering orders (MEOs) detail this field repair:  |
| 5-Nov-21 | UH-60/AH-64: The Nuts and Bolts of Quick Disconnect Pins | <a href="https://www.psmagazine.army.mil/News/Article/2835732/uh-60ah-64-the-nuts-and-bolts-of-quick-disconnect-pins/">https://www.psmagazine.army.mil/News/Article/2835732/uh-60ah-64-the-nuts-and-bolts-of-quick-disconnect-pins/</a> | Aviation maintenance action messages (AMAMs) H-60-20-AMAM-03 and H-64-20-AMAM-04 require that all Apache and Black Hawk engines have remaining quick disconnect pins (QDPs) on the anti-ice valve and the T700 hydro-mechanical unit (HMU) removed by the start of calendar year 2022. |
| 5-Nov-21 | All Aircraft: Human Errors Are Common but Avoidable      | <a href="https://www.psmagazine.army.mil/News/Article/2835763/all-aircraft-human-errors-are-common-but-avoidable/">https://www.psmagazine.army.mil/News/Article/2835763/all-aircraft-human-errors-are-common-but-avoidable/</a>         | Let's face it, we're human and humans are prone to mistakes and errors.  |
| 8-Nov-21 | RQ-7B Shadow: Check for Oil Contamination                | <a href="https://www.psmagazine.army.mil/News/Article/2836759/rq-7b-shadow-check-for-oil-contamination/">https://www.psmagazine.army.mil/News/Article/2836759/rq-7b-shadow-check-for-oil-contamination/</a>                             | Operators, if you maintain the Shadow UAV, make a note that there may be contaminated synthetic oil (PN 60578-2) within the Shadow fleet.  |
| 8-Nov-21 | H-60: ECS Maintenance Easier With Quick Disconnects      | <a href="https://www.psmagazine.army.mil/News/Article/2836791/h-60-ecs-maintenance-easier-with-quick-disconnects/">https://www.psmagazine.army.mil/News/Article/2836791/h-60-ecs-maintenance-easier-with-quick-disconnects/</a>         | The Utility Helicopter Project Office has put out information that helps MEDEVAC units perform environmental control system (ECS) maintenance more efficiently using quick disconnects (QDs).  |

|           |   |   |  |
|-----------|---|---|--|
| 12-Nov-21 | RQ-7B Shadow: Heed These Cold-Weather Precautions       | <a href="https://psmagazine.army.afpims.mil/News/Article/2841766/rq-7b-shadow-heed-these-cold-weather-precautions/">https://psmagazine.army.afpims.mil/News/Article/2841766/rq-7b-shadow-heed-these-cold-weather-precautions/</a>       | Operators, taking steps or precautions to protect your Shadow unmanned aerial vehicle (UAV) in cold weather is a must.   |
| 23-Nov-21 | CH-47: Step Up with Aft Pylon Step                      | <a href="https://www.psmagazine.army.mil/News/Article/2852179/ch-47-step-up-with-aft-pylon-step/">https://www.psmagazine.army.mil/News/Article/2852179/ch-47-step-up-with-aft-pylon-step/</a>   | Mechanics, working on the Chinook aft rotor head and straining to reach the top while standing on the aft support platform can be a stretch.   |
| 23-Nov-21 | H-60 Series: Protect Tail Rotor Inboard Retention Plate | <a href="https://www.psmagazine.army.mil/News/Article/2852654/h-60-series-protect-tail-rotor-inboard-retention-plate/">https://www.psmagazine.army.mil/News/Article/2852654/h-60-series-protect-tail-rotor-inboard-retention-plate/</a> | As LARs, we're often called subject-matter experts (SMEs). However, as trainers, we sometimes come across a really good maintenance technique in which the trainer gets trained by the maintainer. |
| 24-Nov-21 | UH-60: Don't Stockpile Parts; Turn 'Em In               | <a href="https://www.psmagazine.army.mil/News/Article/2714442/uh-60-dont-stockpile-parts-turn-em-in/">https://www.psmagazine.army.mil/News/Article/2714442/uh-60-dont-stockpile-parts-turn-em-in/</a>                                   | [Updated 11/24/2021] Mechanics, unserviceable aircraft parts have repair programs. So when they're no longer serviceable, turn these parts in for repair. Don't hold or stockpile them...          |

# CBRN





| Date | Article Title | Link | Excerpt |
|------|---------------|------|---------|
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There are no new articles this month.

# Combat Vehicles



| Date      | Article Title   | Link  | Excerpt  |
|-----------|---|---|--|
| 1-Nov-21  | Cold Weather: Some Must-Read PS Articles to Prepare, Plan & Train | <a href="https://www.psmagazine.army.mil/News/Article/2828213/cold-weather-some-must-read-ps-articles-to-prepare-plan-train/">https://www.psmagazine.army.mil/News/Article/2828213/cold-weather-some-must-read-ps-articles-to-prepare-plan-train/</a> | Warfighters, it's time to gear up and prepare for the many challenges of cold weather, not to mention the hazards of winter driving. Read on info and links to cold weather articles...  |
| 23-Nov-21 | Stryker: Height Management System PM                              | <a href="https://www.psmagazine.army.mil/News/Article/2852005/stryker-height-management-system-pm/">https://www.psmagazine.army.mil/News/Article/2852005/stryker-height-management-system-pm/</a>   | Operators, preventive maintenance is very important for making sure your Stryker's height management system (HMS) works like it should. So follow these tips to keep your Stryker's HMS functioning so it doesn't end up on a DA Form 5988-E, Equipment Maintenance and Inspection Worksheet, with an X beside it for Non Mission Capable (NMC)... |
| 29-Nov-21 | Combat and Tactical Vehicle: Improved BDAR Tire Repair Kit        | <a href="https://www.psmagazine.army.mil/News/Article/2855804/combat-and-tactical-vehicle-improved-bdar-tire-repair-kit/">https://www.psmagazine.army.mil/News/Article/2855804/combat-and-tactical-vehicle-improved-bdar-tire-repair-kit/</a>         | Listen up! The battle damage assessment and repair (BDAR) kit's ground combat tire repair stand-alone kit, NSN 5180-01-542-8146, has been updated. The tire repair kit is now smaller, lighter, tougher and costs less.<br>...   |

## Construction





| Date      | Article Title   | Link  | Excerpt   |
|-----------|---|---|---|
| 1-Nov-21  | Cold Weather: Some Must-Read PS Articles to Prepare, Plan & Train | <a href="https://www.psmagazine.army.mil/News/Article/2828213/cold-weather-some-must-read-ps-articles-to-prepare-plan-train/">https://www.psmagazine.army.mil/News/Article/2828213/cold-weather-some-must-read-ps-articles-to-prepare-plan-train/</a> | Warfighters, it's time to gear up and prepare for the many challenges of cold weather, not to mention the hazards of winter driving. Read on info and links to cold weather articles... |
| 22-Nov-21 | D7R II Tractor: Dozer PM Tips                                     | <a href="https://www.psmagazine.army.mil/News/Article/2850466/d7r-ii-tractor-dozer-pm-tips/">https://www.psmagazine.army.mil/News/Article/2850466/d7r-ii-tractor-dozer-pm-tips/</a>   | Keep these D7R II tractor (dozer) preventive maintenance tips in mind before the day's run...   |

## Commo/Electronics



| Date | Article Title | Link | Excerpt |
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There are no new articles this month.



## H2F

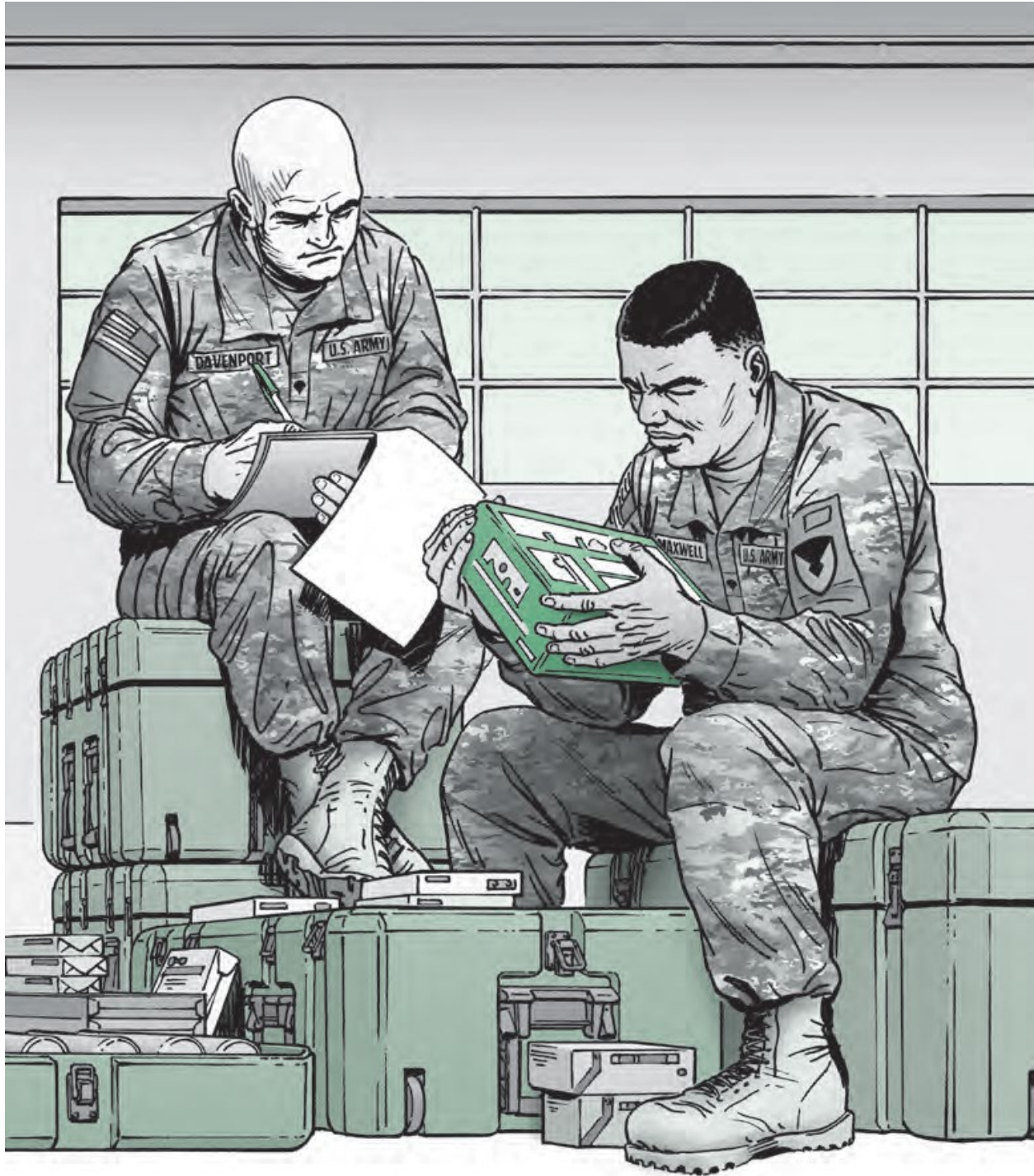




| Date | Article Title | Link | Excerpt |
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There are no new articles this month.

# Logistics Management



| Date | Article Title | Link | Excerpt |
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There are no new articles this month.

## Medical Logistics





| Date | Article Title | Link | Excerpt |
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There are no new articles this month.

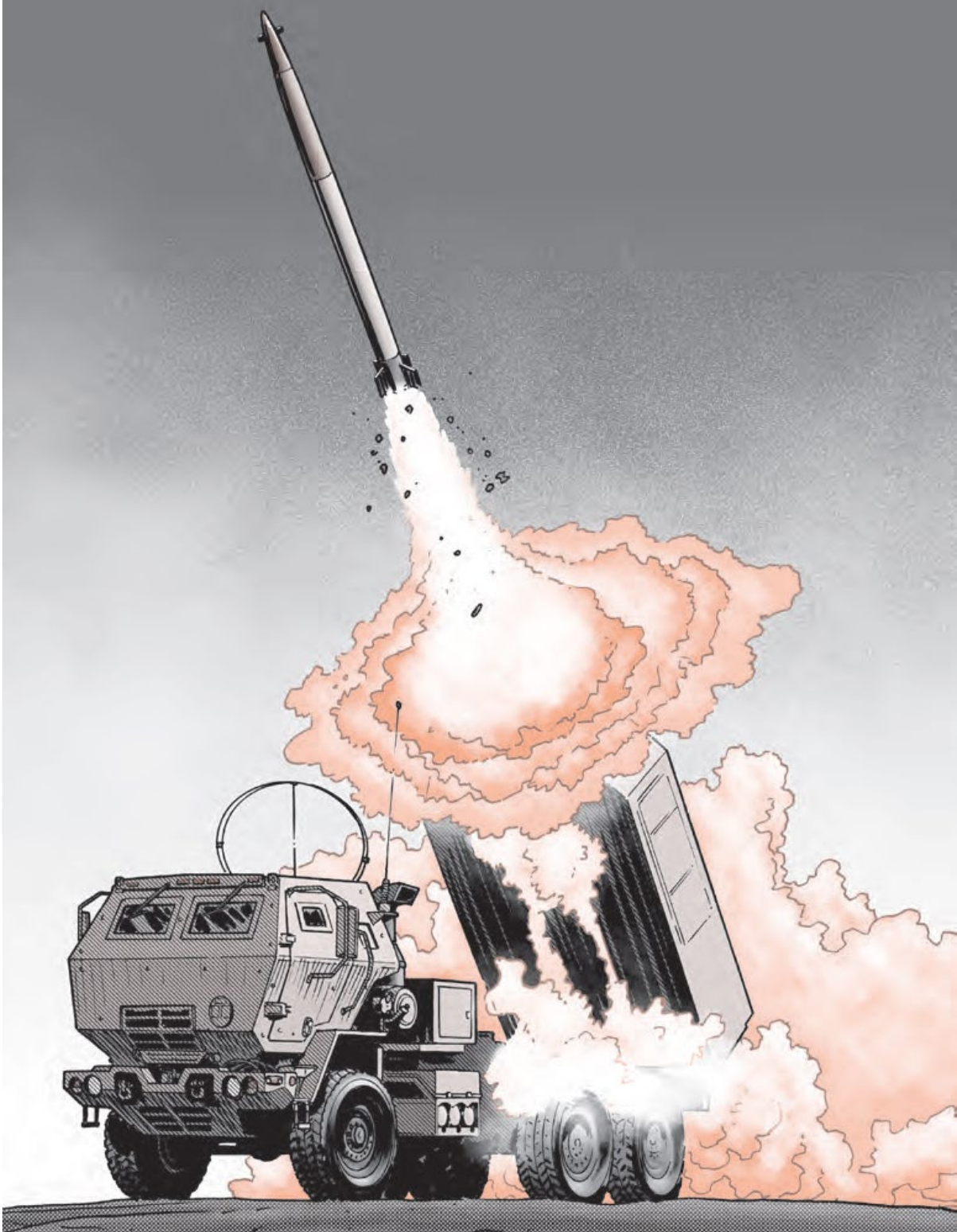
# Mines



| Date | Article Title | Link | Excerpt |
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There are no new articles this month.

# Missiles





| Date      | Article Title  | Link  | Excerpt  |
|-----------|--|---|--|
| 8-Nov-21  | Patriot Missile System: Enroll for FY22 Corrosion Training | <a href="https://www.psmagazine.army.mil/News/Article/2836849/patriot-missile-system-enroll-for-fy22-corrosion-training/">https://www.psmagazine.army.mil/News/Article/2836849/patriot-missile-system-enroll-for-fy22-corrosion-training/</a> | Battling corrosion on Patriot missile systems starts with the proper training. Soldiers, what are you waiting for? Enroll now for FY22 Corrosion Training with the Missile Corrosion Service Team (MCST)...  |
| 17-Nov-21 | MLRS: PMCS Multiplies Performance                          | <a href="https://www.psmagazine.army.mil/News/Article/2736546/mlrs-pmcs-multiplies-performance/">https://www.psmagazine.army.mil/News/Article/2736546/mlrs-pmcs-multiplies-performance/</a>   | (UDPATED: 11/17/2021) 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?... |

## Small Arms



| Date      | Article Title   | Link  | Excerpt   |
|-----------|---|---|---|
| 1-Nov-21  | Cold Weather: Some Must-Read PS Articles to Prepare, Plan & Train | <a href="https://www.psmagazine.army.mil/News/Article/2828213/cold-weather-some-must-read-ps-articles-to-prepare-plan-train/">https://www.psmagazine.army.mil/News/Article/2828213/cold-weather-some-must-read-ps-articles-to-prepare-plan-train/</a> | Warfighters, it's time to gear up and prepare for the many challenges of cold weather, not to mention the hazards of winter driving. Read on info and links to cold weather articles...   |
| 3-Nov-21  | M2/M2A1 Machine Guns: Are There Mandatory Replacement Parts?      | <a href="https://www.psmagazine.army.mil/News/Article/2831615/m2m2a1-machine-guns-are-there-mandatory-replacement-parts/">https://www.psmagazine.army.mil/News/Article/2831615/m2m2a1-machine-guns-are-there-mandatory-replacement-parts/</a>         | There was an article on Page 41 of PS 767 (Oct 16) that said the M2A1 machine gun's mandatory replacement parts had been eliminated. Has there been any change to this statement? The M2A1's -23&P TM still shows these parts...                                |
| 23-Nov-21 | Small Arms: Store Only Clean Weapons in the Arms Room             | <a href="https://www.psmagazine.army.mil/News/Article/2852585/small-arms-store-only-clean-weapons-in-the-arms-room/">https://www.psmagazine.army.mil/News/Article/2852585/small-arms-store-only-clean-weapons-in-the-arms-room/</a>                   | Commanders, leaders and Soldiers, after a long day at the range, everyone wants to turn in their weapon and go home. But that's not the right thing to do. It's critical that all weapons are thoroughly cleaned and lubricated before they're stored...        |
| 29-Nov-21 | MK 19 Grenade Machine Gun: Always Lock the Sear in Place          | <a href="https://www.psmagazine.army.mil/News/Article/2855816/mk-19-grenade-machine-gun-always-lock-the-sear-in-place/">https://www.psmagazine.army.mil/News/Article/2855816/mk-19-grenade-machine-gun-always-lock-the-sear-in-place/</a>             | Dear Editor, when Soldiers disassemble the MK 19 grenade machine gun, they should make sure after removing the sear plate assembly from the receiver that their priority is putting the sear safety lock on. Read on to discover why this step is critical. ... |



## Soldier Support





| Date      | Article Title   | Link  | Excerpt  |
|-----------|---|---|--|
| 7-Oct-21  | Soldier Support: ACFT Equipment Set Transfers to DLA              | <a href="https://www.psmagazine.army.mil/News/Article/2845507/soldier-support-acft-equipment-set-transfers-to-dla/">https://www.psmagazine.army.mil/News/Article/2845507/soldier-support-acft-equipment-set-transfers-to-dla/</a>                     | TACOM is transferring the procurement and management responsibility of the Army Combat Fitness Test (ACFT) equipment set to the Defense Logistics Agency (DLA) Troop Support.  |
| 15-Oct-21 | Training: 92W Virtual Resources                                   | <a href="https://www.psmagazine.army.mil/News/Article/2835309/training-92w-virtual-resources/">https://www.psmagazine.army.mil/News/Article/2835309/training-92w-virtual-resources/</a>   | The US Army Quartermaster School's Petroleum & Water Department (QMS-PWD) has developed training tools via the Army Virtual Learning Environment (AVLE) to enhance the 92W (Water Treatment Specialist) learning experience. |
| 16-Oct-21 | Cold Weather: Some Must-Read PS Articles to Prepare, Plan & Train | <a href="https://www.psmagazine.army.mil/News/Article/2828213/cold-weather-some-must-read-ps-articles-to-prepare-plan-train/">https://www.psmagazine.army.mil/News/Article/2828213/cold-weather-some-must-read-ps-articles-to-prepare-plan-train/</a> | Prepare yourself and your equipment for cold weather. Start looking at your TMs now to ensure you know how to winterize your equipment. Read on to learn more.   |

## Tactical Vehicles

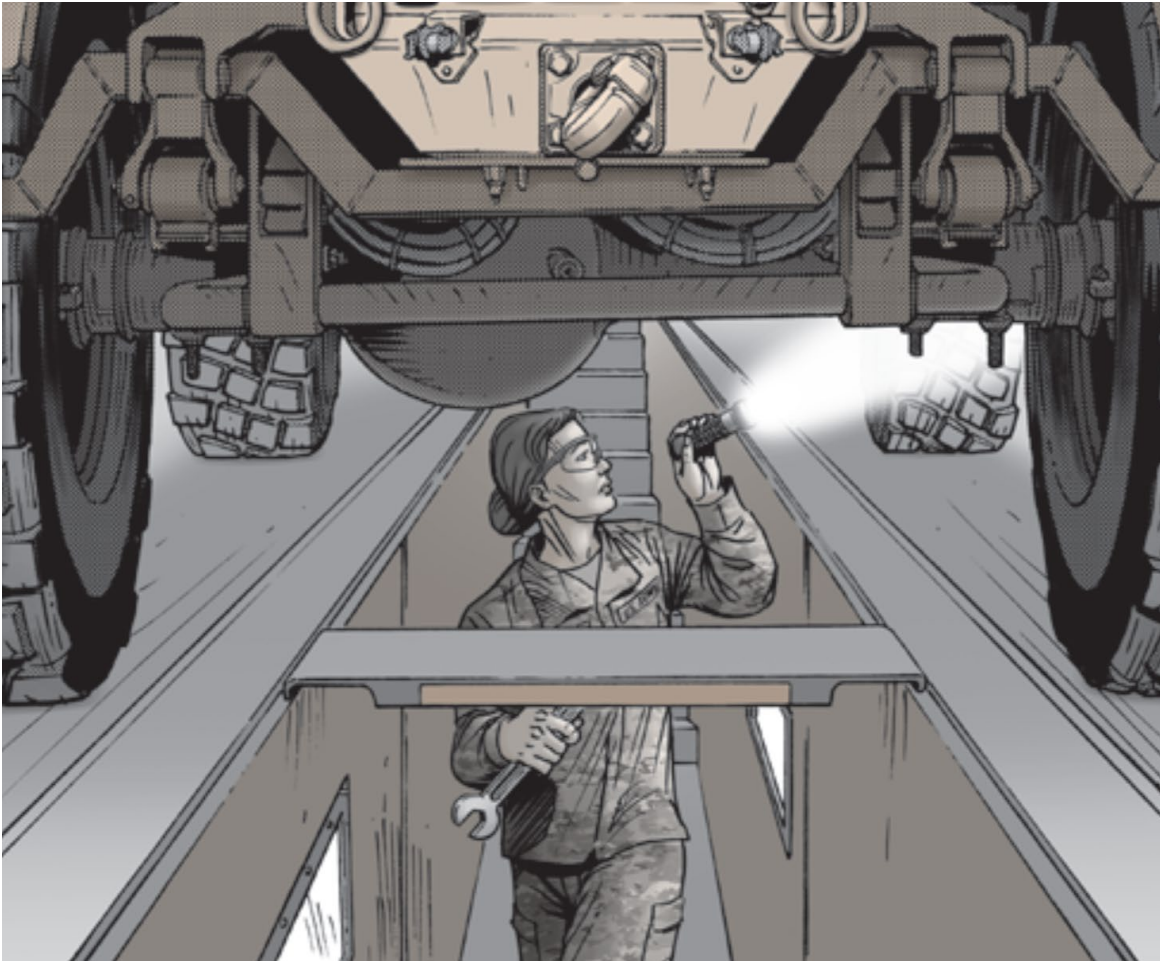


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| 1-Nov-21  | Cold Weather: Some Must-Read PS Articles to Prepare, Plan & Train | <a href="https://www.psmagazine.army.mil/News/Article/2828213/cold-weather-some-must-read-ps-articles-to-prepare-plan-train/">https://www.psmagazine.army.mil/News/Article/2828213/cold-weather-some-must-read-ps-articles-to-prepare-plan-train/</a>     | Warfighters, it's time to gear up and prepare for the many challenges of cold weather, not to mention the hazards of winter driving. Read on info and links to cold weather articles...   |
| 2-Nov-21  | Corrosion: New TM 43-0139 Is Hot off the Press                    | <a href="https://www.psmagazine.army.mil/News/Article/2829728/corrosion-new-tm-43-0139-is-hot-off-the-press/">https://www.psmagazine.army.mil/News/Article/2829728/corrosion-new-tm-43-0139-is-hot-off-the-press/</a>                                     | Maintenance leaders, quality inspectors and paint technicians, get the revised TM 43-0139, Chemical Agent Resistant Coating (CARC) Application and Quality Assurance on Army Ground Equipment (Oct 21). Here's some info about the TM...                  |
| 3-Nov-21  | M978A2/A4 HEMTT: Deadman Valve Leaking?                           | <a href="https://www.psmagazine.army.mil/News/Article/2831639/m978a2a4-hemtt-deadman-valve-leaking/">https://www.psmagazine.army.mil/News/Article/2831639/m978a2a4-hemtt-deadman-valve-leaking/</a>   | Operators, do you have an issue with the deadman valve leaking on your M978A4 or M978A2 HEMTT fuel tankers? It's also commonly called the hand-actuated control valve (HAV). You can easily fix the leaking with some sealing compound. Read on...        |
| 5-Nov-21  | Corrosion: TACOM Corrosion Website Has Helpful Info               | <a href="https://www.psmagazine.army.mil/News/Article/2835085/corrosion-tacom-corrosion-website-has-helpful-info/">https://www.psmagazine.army.mil/News/Article/2835085/corrosion-tacom-corrosion-website-has-helpful-info/</a>                           | Maintenance leaders, if you haven't heard, the TACOM corrosion team has a website. Info and news here...  |
| 16-Nov-21 | M915A3 Tractor Truck, M872A4 Semitrailer: Update for Winter Tires | <a href="https://www.psmagazine.army.mil/News/Article/2844850/m915a3-tractor-truck-m872a4-semitrailer-update-for-winter-tires/">https://www.psmagazine.army.mil/News/Article/2844850/m915a3-tractor-truck-m872a4-semitrailer-update-for-winter-tires/</a> | Warfighters, according to TACOM Maintenance Action Message (MAM) 21-053, you'll need to check your M915A3 tractor trucks and M872A4 semitrailers to ensure that Michelin® and Goodyear® tires aren't both mounted on the same axle. Get more info here... |
| 16-Nov-21 | M978A2/A4 HEMTT: Bent Bracket Blocks Manual Control               | <a href="https://www.psmagazine.army.mil/News/Article/2845168/m978a2a4-hemtt-bent-bracket-blocks-manual-control/">https://www.psmagazine.army.mil/News/Article/2845168/m978a2a4-hemtt-bent-bracket-blocks-manual-control/</a>                             | Dear Editor, please let PS Magazine readers know that a support bracket underneath the M978A2/A4 HEMTT tankers can interfere with the manual control (MC) V1 emergency valve if the bracket gets bent. Read the scoop here..                              |

|           |  |   |   |
|-----------|--|---|---|
| 18-Nov-21 | FMTV: Old A/C<br>Tensioner System Not<br>in TM     | <a href="https://www.psmagazine.army.mil/News/Article/2847381/fmtv-old-ac-tensioner-system-not-in-tm/">https://www.psmagazine.army.mil/News/Article/2847381/fmtv-old-ac-tensioner-system-not-in-tm/</a>           | Operators, the story on Pages 16-17 of PS 798 (May 19) provided info for A/C belts due to confusion with the addition of a new A/C tensioner system. The old system was left out of TM and here's the info... |
| 19-Nov-21 | M915A5 Tractor Truck:<br>Order a Programmed<br>ECM | <a href="https://www.psmagazine.army.mil/News/Article/2849292/m915a5-tractor-truck-order-a-programmed-ecm/">https://www.psmagazine.army.mil/News/Article/2849292/m915a5-tractor-truck-order-a-programmed-ecm/</a> | Operators, if you need to order an engine control module (ECM) for your M915A5 tractor truck, don't use the part number (PN) that's on the item itself. Instead, use the one provided here...                 |



## Tools



| Date | Article Title | Link | Excerpt |
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There are no new articles this month.

# Make **PMCS**...

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



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