

Black Tops

A compendium of recently published US Army related EW & CEMA articles

By Tom Zalewski

The following is a list of articles related to EW & CEMA that were recently published in a variety of publications or websites. These are offered in the general interest of the members of the APG Susquehanna Chapter of the AOC.

A special thanks to Leonardo DRS for their support of the assembly of these Black Tops!

TOP NEWS!

US Army to upgrade bigger units with new electronic warfare gear dtd: 01 October 2020; by: Mark Pomerleau; published on: C4ISRNet on-line <https://www.c4isrnet.com/electronic-warfare/2020/10/01/us-army-to-upgrade-bigger-units-with-new-electronic-warfare-gear/>

US Army wants help with radios that integrate with augmented reality dtd: 01 October 2020; by: Andrew Eversden; published on: C4ISRNet on-line <https://www.c4isrnet.com/battlefield-tech/it-networks/2020/10/01/us-army-seeks-market-research-for-radios-to-integrate-with-augmented-reality/>

Project Convergence: An Arena of Innovative Collaboration dtd: 01 October 2020; by: Matthew Van Wagenen & Arnel P. David; published on: RealClear Defense on-line <https://www.realcleardefense.com/articles/2020/10/01/project-convergence-an-arena-of-innovative-collaboration-579311.html>

US Army To Dissolve Rapid Equipping Force, Asymmetric Warfare Group dtd: 02 October 2020; by: Patrick Tucker; published on: DefenseOne on-line <https://www.defenseone.com/technology/2020/10/us-army-dissolve-rapid-equipping-force-asymmetric-warfare-group/168968>

US Army to Disband Asymmetric Warfare Group and Rapid Equipping Force dtd: 03 October 2020; by: N/A; published on: Soldier Systems An Industry Daily on-line <https://soldiersystems.net/2020/10/03/us-army-to-disband-asymmetric-warfare-group-and-rapid-equipping-force/>

Video: U.S. Army Has Big Plans for Electronic Warfare – Raytheon EWPMT dtd: 03 October 2020; by: N/A; published on: U.S. DEFENSE NEWS (YouTube 7 min video) on-line <https://www.youtube.com/watch?v=YN5z23ECI9g>

Video: Think Differently with the Honorable Ellen Lord, USD(A&S) dtd: 06 October 2020; by: N/A; published on: DAU on-line <https://www.dau.edu/events/Think%20Differently%20with%20Ms%20Lord>

Collins Aerospace to build GPS-jamming solution for the Army dtd: 07 October 2020; by: Nathan Strout; published on: C4ISRNet on-line <https://www.c4isrnet.com/battlefield-tech/2020/10/07/collins-aerospace-to-build-gps-jamming-solution-for-the-army/>

Faster is possible: DoD Publishes New Software Acquisition Policy dtd: 08 October 2020; by: Sean Brady; published on: DAU on-line <https://www.dau.edu/News/Faster-is-possible--DoD-Publishes-New-Software-Acquisition-Policy>

Here's how the US Army is planning tactical cyber operations dtd: 10 October 2020; by: Mark Pomerleau; published on: C4ISRNet on-line <https://www.c4isrnet.com/cyber/2020/10/09/heres-how-the-us-army-is-planning-tactical-cyber-operations/>

US Army conducts first-of-its-kind exercise for tactical information warfare unit dtd: 12 October 2020; by: Mark Pomerleau; published on: C4ISRNet on-line <https://www.c4isrnet.com/show-reporter/ausa/2020/10/12/us-army-conducts-first-of-its-kind-exercise-for-tactical-information-warfare-unit/>

US Army demonstrates a first in electronic warfare dtd: 13 October 2020; by: Mark Pomerleau; published on: C4ISRNet on-line <https://www.c4isrnet.com/show-reporter/ausa/2020/10/13/us-army-demonstrates-a-first-in-electronic-warfare/>

The US Army wants to trade network for compute, but why? dtd: 15 October 2020; by: Nathan Strout; published on: C4ISRNet on-line <https://www.c4isrnet.com/land/2020/10/15/the-army-wants-to-trade-network-for-compute-heres-why/>

How 'Team Ignite' works to deliver concepts for the 2035 battlefield dtd: 15 October 2020; by: Andrew Eversden; published on: C4ISRNet on-line <https://www.c4isrnet.com/show-reporter/ausa/2020/10/15/how-team-ignite-works-to-deliver-concepts-for-the-2035-battlefield/>

DEFAERO Report Daily Podcast [Oct 19, 2020]– Army's Bruce Jette dtd: 19 October 2020; by: Admin; published on: DefAero Report Daily Podcast on-line <https://defaeroreport.com/2020/10/19/defaero-report-daily-podcast-oct-19-2020-armys-bruce-jette/>

FPDS Reporting Tools Make Final Transition to beta.SAM dtd: 19 October 2020; by: Aaron Boyd; published on: Nextgov on-line <https://www.nextgov.com/cio-briefing/2020/10/fpds-reporting-tools-make-final-transition-betasam/169374/>

National Museum of the United States Army to open Veterans Day 2020 dtd: 20 October 2020; by: U.S. Army; published on: Army.mil on-line <https://www.army.mil/article/239858>

WEB EXCLUSIVE: Army Looks to Disperse Command Posts to Boost Survivability dtd: 22 October 2020; by: Stew Magnuson; published on: National Defense on-line <https://www.nationaldefensemagazine.org/articles/2020/10/22/army-looks-to-disperse-command-posts-to-boost-survivability>

Social media is the greatest threat to US service members dtd: 23 October 2020; by: Jeff Schogol; published on: Task and Purpose on-line <https://taskandpurpose.com/pentagon-run-down/social-media-greatest-threat-troops>

US Army makes breakthroughs on future network tools dtd: 23 October 2020; by: Andrew Eversden; published on: C4ISRNet on-line <https://www.c4isrnet.com/battlefield-tech/it-networks/2020/10/23/us-army-makes-breakthroughs-on-future-network-tools/>

Electromagnetic Spectrum Superiority Strategy Released dtd: 29 October 2020; by: N/A; published on: Defense.gov on-line <https://www.defense.gov/Newsroom/Releases/Release/Article/2397850/electromagnetic-spectrum-superiority-strategy-released/source/GovDelivery/>

How the Army plans to revolutionize tanks with artificial intelligence dtd: 29 October 2020; by: Nathan Strout; published on: C4ISRNet on-line <https://www.c4isrnet.com/artificial-intelligence/2020/10/29/how-the-army-plans-to-revolutionize-tanks-with-artificial-intelligence/>

COVID-19 related

- When COVID-19 superspreaders are talking, where you sit in the room matters** dtd: 05 October 2020; by: Suresh Dhaniyala; published on: The Conversation on-line <https://theconversation.com/when-covid-19-superspreaders-are-talking-where-you-sit-in-the-room-matters-145966>
- Pentagon Examining Lessons Learned from Pandemic** dtd: 05 October 2020; by: Yasmin Tadjdeh; published on: National Defense on-line <https://www.nationaldefensemagazine.org/articles/2020/10/6/pentagon-examining-lessons-learned-from-pandemic>
- Is There a Safe Way to Be Home for the Holidays?** dtd: 13 October 2020; by: Joe Pinsker; published on: The Atlantic on-line <https://www.theatlantic.com/family/archive/2020/10/thanksgiving-christmas-holidays-risk-safety/616701/>
- US Army wants industry to keep COVID safety rules in place, even after the pandemic ends** dtd: 14 October 2020; by: Aaron Mehta; published on: DefenseNews on-line <https://www.defensenews.com/digital-show-dailies/ausa/2020/10/14/us-army-wants-industry-to-keep-covid-safety-rules-in-place-even-after-the-pandemic-ends/>
- Trump Administration Develops Governmentwide Office Reopening Guidelines, With Contractor Help** dtd: 16 October 2020; by: Eric Katz; published on: Government Executive on-line <https://www.govexec.com/workforce/2020/10/trump-administration-develops-governmentwide-office-reopening-guidelines-contractor-help/169325/>
- 7 tips for staying safe as COVID-19 cases rise and colder weather heightens the risk** dtd: 19 October 2020; by: Melissa Burdi; published on: The Conversation on-line <https://theconversation.com/7-tips-for-staying-safe-as-covid-19-cases-rise-and-colder-weather-heightens-the-risk-146981>
- Operation Warp Speed Making Swift Progress** dtd: 09 October 2020; by: Terri Moon Cronk; published on: Defense.gov on-line <https://www.defense.gov/Explore/News/Article/Article/2378701/operation-warp-speed-makes-swift-progress/>
- How to use COVID-19 testing and quarantining to safely travel for the holidays** dtd: 23 October 2020; by: Claudia Finkelstein; published on: TheConversation on-line <https://theconversation.com/how-to-use-covid-19-testing-and-quarantining-to-safely-travel-for-the-holidays-147154>
- 'Shots in Arms Within 24 Hours:' Army General's Complex Vaccine Delivery Task Takes Shape** dtd: 26 October 2020; by: Richard Sisk; published on: Military.com on-line <https://www.military.com/daily-news/2020/10/26/shots-arms-within-24-hours-army-generals-complex-vaccine-delivery-task-takes-shape.html>

EW & CEMA Articles

1. **Acquisition lessons from the pandemic that could stick around** dtd: 01 October 2020; by: Tom Temin; published on: Federal News Network on-line <https://federalnewsnetwork.com/acquisition/2020/10/acquisition-lessons-from-the-pandemic-that-could-stick-around/>
2. **NIST Offers Cash Prizes for New Ways to Maintain Anonymity in Data** dtd: 01 October 2020; by: Aaron Boyd; published on: Nextgov on-line <https://www.nextgov.com/analytics-data/2020/10/nist-offers-cash-prizes-new-ways-maintain-anonymity-data/168926/>
3. **Understanding America's Declining Global Influence** dtd: 01 October 2020; by: Zack Cooper, Melanie Marlowe, and Christopher Preble; published on: WarOnTheRocks on-line <http://warontherocks.com/2020/10/understanding-americas-declining-global-influence/>
4. **US Army wants help with radios that integrate with augmented reality** dtd: 01 October 2020; by: Andrew Eversden; published on: C4ISRNet on-line <https://www.c4isrnet.com/battlefield-tech/it-networks/2020/10/01/us-army-seeks-market-research-for-radios-to-integrate-with-augmented-reality/>
5. **Sensor with 100,000 times higher sensitivity could bolster thermal imaging** dtd: 01 October 2020; by: U.S. ARL; published on: Science Daily on-line <https://www.sciencedaily.com/releases/2020/10/201001133221.htm>
6. **Case study: Supporting Field Army Survivability through Electronic Warfare experimentation** dtd: 01 October 2020; by: N/A; published on: Roke on-line <https://roke.co.uk/innovations/supporting-field-army-survivability-through-electronic-warfare-experimentation>
7. **CISA Releases Tips For Secure Teleworking** dtd: 02 October 2020; by: Aaron Boyd; published on: Nextgov on-line <https://www.nextgov.com/cybersecurity/2020/10/cisa-releases-tips-secure-teleworking/168962/>
8. **Bringing Artificial Intelligence to Everything from Cattle Branding to Cybersecurity** dtd: 05 October 2020; by: Laura Maggi; published on: RouteFifty on-line <https://www.route-fifty.com/tech-data/2020/10/artificial-intelligence-utah-cattle-branding-cybersecurity/169013/>
9. **CISA Reveals Timeline for Improving Anemic Information Sharing Program** dtd: 05 October 2020; by: Mariam Baksh; published on: Nextgov on-line <https://www.nextgov.com/cybersecurity/2020/10/cisa-reveals-timeline-improving-anemic-information-sharing-program/169021/>
10. **Why is the United States losing the information war?** dtd: 05 October 2020; by: Mark Pomerleau; published on: C4ISRNet on-line <https://www.c4isrnet.com/information-warfare/2020/10/05/why-is-the-united-states-losing-the-information-war/>
11. **From 'Frankengoggle' To Battle-Ready: Army IVAS** dtd: 05 October 2020; by: Sydney J. Freedberg Jr.; published on: BreakingDefense on-line <https://breakingdefense.com/2020/10/from-frankengoggle-to-battle-ready-army-ivas/>
12. **Pentagon seeks to move quickly on EMSO strategy implementation** dtd: 05 October 2020; by: Carlo Munoz; published on: Janes on-line <https://www.janes.com/defence-news/news-detail/pentagon-seeks-to-move-quickly-on-emso-strategy-implementation>
13. **DOD's Interest in 'Owning' 5G Networks Riles Conservative Groups** dtd: 07 October 2020; by: Mariam Baksh; published on: Nextgov on-line <https://www.nextgov.com/cybersecurity/2020/10/dods-interest-owning-5g-networks-riles-conservative-groups/169086/>
14. **White House Launches Single Site for the Government's Quantum-Focused Activities** dtd: 07 October 2020; by: Brandi Vincent; published on: Nextgov on-line <https://www.nextgov.com/emerging-tech/2020/10/white-house-launches-single-site-governments-quantum-focused-activities/169090/>
15. **To Launch Deadly-Fast Precision Fire, Army Will Need to Turn Soldiers into Coders** dtd: 07 October 2020; by: Matthew Cox; published on: Military.com on-line <https://www.military.com/daily-news/2020/10/07/launch-deadly-fast-precision-fire-army-will-need-turn-soldiers-coders.html>
16. **Army Seeks Electric Scout By 2025** dtd: 07 October 2020; by: Sydney J. Freedberg Jr.; published on: BreakingDefense on-line <https://breakingdefense.com/2020/10/army-seeks-electric-scout-by-2025/>
17. **JUST IN: Pentagon to Streamline Software Development** dtd: 07 October 2020; by: Mandy Mayfield; published on: National Defense on-line <https://www.nationaldefensemagazine.org/articles/2020/10/7/pentagon-signs-new-acquisition-pathway-to-streamline-software-development>

18. **Trust Algorithms? The Army Doesn't Even Trust Its Own AI Developers** dtd: 07 October 2020; by: Jim Perkins; published on: WarOnTheRocks on-line <https://warontherocks.com/2020/10/trust-algorithms-the-army-doesnt-even-trust-its-own-ai-developers/>
19. **Opinion: China Uses the U.N. to Expand Its Surveillance Reach** dtd: 07 October 2020; by: Claudia Rosett; published on: WallStreetJournal on-line <https://www.wsj.com/articles/china-uses-the-u-n-to-expand-its-surveillance-reach-11602111456>
20. **Pentagon Debuts Yet Another Plan to Speed Up Weapons Buys** dtd: 08 October 2020; by: Richard Sisk; published on: Military.com on-line <https://www.military.com/daily-news/2020/10/08/pentagon-debuts-yet-another-plan-speed-weapons-buys.html>
21. **Pentagon announces \$600M in 5G experiments** dtd: 08 October 2020; by: Andrew Eversden; published on: C4ISRNet on-line <https://www.c4isrnet.com/battlefield-tech/it-networks/5g/2020/10/08/pentagon-announced-600-million-in-5g-experimentation-contracts/>
22. **How the Pentagon's data strategy enables joint all-domain operations** dtd: 08 October 2020; by: Andrew Eversden; published on: C4ISRNet on-line <https://www.c4isrnet.com/it-networks/2020/10/08/how-the-pentagons-data-strategy-enables-joint-all-domain-operations/>
23. **New Pentagon Strategy To Share Data Like Ammunition** dtd: 08 October 2020; by: Kelsey Atherton; published on: BreakingDefense on-line <https://breakingdefense.com/2020/10/new-pentagon-strategy-to-share-data-like-ammunition/>
24. **'Data Is the Ammunition': Inside the Pentagon's New Strategy to Dominate Future Battlefields** dtd: 08 October 2020; by: Richard Sisk; published on: Military.com on-line <https://www.military.com/daily-news/2020/10/08/data-ammunition-inside-pentagons-new-strategy-dominate-future-battlefields.html>
25. **How do you bridge the 'valley of death'? Bring a ladder.** dtd: 08 October 2020; by: Stephen Rodriguez; published on: DefenseNews on-line <https://www.defensenews.com/opinion/commentary/2020/10/08/how-do-you-bridge-the-valley-of-death-bring-a-ladder/>
26. **Opinion: How Congress Can End China's Theft of U.S. Military Secrets** dtd: 08 October 2020; by: Terry Thompson; published on: RealClear Defense on-line <https://www.realcleardefense.com/articles/2020/10/08/how-congress-can-end-chinas-theft-of-us-military-secrets-580027.html>
27. **DOD Unveils First Enterprisewide Data Strategy** dtd: 08 October 2020; by: Mila Jasper; published on: Nextgov on-line <https://www.nextgov.com/analytics-data/2020/10/dod-unveils-first-enterprisewide-data-strategy/169112/>
28. **The US Military Is About to Launch Its Largest 5G Experiments Yet** dtd: 08 October 2020; by: Patrick Tucker; published on: DefenseOne on-line <https://www.defenseone.com/technology/2020/10/us-military-about-launch-its-largest-5g-experiments-yet/169148/>
29. **DOD Kicks Off World's Largest Dual-Use 5G Testing Effort** dtd: 09 October 2020; by: C. Todd Lopez; published on: Defense.gov on-line <https://www.defense.gov/Explore/News/Article/Article/2378047/dod-kicks-off-worlds-largest-dual-use-5g-testing-effort/source/GovDelivery/>
30. **Cyber Command has sought to disrupt the world's largest botnet, hoping to reduce its potential impact on the election** dtd: 09 October 2020; by: Ellen Nakashima; published on: The Washington Post on-line https://www.washingtonpost.com/national-security/cyber-command-trickbot-disrupt/2020/10/09/19587aae-0a32-11eb-a166-dc429b380d10_story.html
31. **Why the Government Should Get Comfortable with Technology Escrow for Classified IP** dtd: 09 October 2020; by: Julie Antonelli; published on: Nextgov on-line <https://www.nextgov.com/ideas/2020/10/why-government-should-get-comfortable-technology-escrow-classified-ip/169043/>
32. **Army's ground combat center is developing new methods, formations for the next war** dtd: 10 October 2020; by: Todd South; published on: ArmyTimes on-line <https://www.armytimes.com/news/your-army/2020/10/10/the-armys-ground-combat-center-develops-new-methods-formations-for-the-next-war/>
33. **Army's approach to readiness may be changing, says four-star general** dtd: 11 October 2020; by: Kyle Rempfe; published on: DefenseNews on-line <https://www.defensenews.com/news/your-army/2020/10/11/armys-approach-to-readiness-may-be-changing-says-four-star-general/>
34. **Transforming battlefield geometry: What's to come in Project Convergence 2021** dtd: 12 October 2020; by: Jen Judson; published on: DefenseNews on-line <https://www.defensenews.com/digital-show-dailies/ausa/2020/10/12/transforming-battlefield-geometry-whats-to-come-in-project-convergence-2021/>
35. **US Army solidifies requirements to counter small drones** dtd: 12 October 2020; by: Jen Judson; published on: DefenseNews on-line <https://www.defensenews.com/digital-show-dailies/ausa/2020/10/12/us-army-solidifies-requirements-to-counter-small-drones/>

36. **3 questions with Bruce Jette, the US Army's acquisition chief** dtd: 12 October 2020; by: Jen Judson; published on: [DefenseNews](https://www.defensenews.com/digital-show-dailies/ausa/2020/10/12/3-questions-with-bruce-jette-the-us-armys-acquisition-chief/) on-line <https://www.defensenews.com/digital-show-dailies/ausa/2020/10/12/3-questions-with-bruce-jette-the-us-armys-acquisition-chief/>
37. **Satellites played had a starring role at Project Convergence** dtd: 12 October 2020; by: Nathan Strout; published on: [C4ISRNet](https://www.c4isrnet.com/digital-show-dailies/ausa/2020/10/12/us-army-uses-satellites-to-affect-the-state-of-the-battlefield/) on-line <https://www.c4isrnet.com/digital-show-dailies/ausa/2020/10/12/us-army-uses-satellites-to-affect-the-state-of-the-battlefield/>
38. **How the US Army integrated a Marine F-35 jet into its tactical network** dtd: 12 October 2020; by: Nathan Strout and Valerie Insinna; published on: [C4ISRNet](https://www.c4isrnet.com/battlefield-tech/it-networks/2020/10/12/how-the-us-army-integrated-a-marine-f-35-jet-into-its-tactical-network/) on-line <https://www.c4isrnet.com/battlefield-tech/it-networks/2020/10/12/how-the-us-army-integrated-a-marine-f-35-jet-into-its-tactical-network/>
39. **US Army conducts first-of-its-kind exercise for tactical information warfare unit** dtd: 12 October 2020; by: Mark Pomerleau; published on: [C4ISRNet](https://www.c4isrnet.com/show-reporter/ausa/2020/10/12/us-army-conducts-first-of-its-kind-exercise-for-tactical-information-warfare-unit/) on-line <https://www.c4isrnet.com/show-reporter/ausa/2020/10/12/us-army-conducts-first-of-its-kind-exercise-for-tactical-information-warfare-unit/>
40. **The Pentagon is developing modern architectures to dominate the electromagnetic spectrum** dtd: 12 October 2020; by: Mark Pomerleau; published on: [C4ISRNet](https://www.c4isrnet.com/electronic-warfare/2020/10/12/the-pentagon-is-developing-modern-architectures-to-dominate-the-electromagnetic-spectrum/) on-line <https://www.c4isrnet.com/electronic-warfare/2020/10/12/the-pentagon-is-developing-modern-architectures-to-dominate-the-electromagnetic-spectrum/>
41. **Establishing zero-trust cybersecurity comes with challenges for Pentagon IT leadership** dtd: 12 October 2020; by: Andrew Eversden; published on: [C4ISRNet](https://www.c4isrnet.com/it-networks/2020/10/12/establishing-zero-trust-cybersecurity-comes-with-challenges-for-pentagon-it-leadership/) on-line <https://www.c4isrnet.com/it-networks/2020/10/12/establishing-zero-trust-cybersecurity-comes-with-challenges-for-pentagon-it-leadership/>
42. **IRS, Army using automation to cut hours out of the acquisition process** dtd: 12 October 2020; by: Jason Miller; published on: [Federal News Network](https://federalnewsnetwork.com/reporters-notebook-jason-miller/2020/10/irs-army-using-automation-to-cut-hours-out-of-the-acquisition-process/) on-line <https://federalnewsnetwork.com/reporters-notebook-jason-miller/2020/10/irs-army-using-automation-to-cut-hours-out-of-the-acquisition-process/>
43. **AI Commission Recommends Powerful CTOs to Prep for Great Power Competition** dtd: 13 October 2020; by: Mila Jasper; published on: [Nextgov](https://www.nextgov.com/emerging-tech/2020/10/ai-commission-recommends-powerful-ctos-prep-great-power-competition/169211/) on-line <https://www.nextgov.com/emerging-tech/2020/10/ai-commission-recommends-powerful-ctos-prep-great-power-competition/169211/>
44. **Tech prints sensors right onto human skin** dtd: 13 October 2020; by: Megan Lakatos; published on: [Futurity](https://www.futurity.org/wearable-sensors-printed-electronics-skin-2453232/) on-line <https://www.futurity.org/wearable-sensors-printed-electronics-skin-2453232/>
45. **The Chinese MSS Is Attacking Us with Our Own Tools** dtd: 13 October 2020; by: Garrettson Blight and Clayton Barlow-Wilcox; published on: [Nextgov](https://www.nextgov.com/ideas/2020/10/chinese-mss-attacking-us-our-own-tools/169190/) on-line <https://www.nextgov.com/ideas/2020/10/chinese-mss-attacking-us-our-own-tools/169190/>
46. **US Army prioritizes open architecture for future combat vehicle amid competition prep** dtd: 13 October 2020; by: Jen Judson; published on: [DefenseNews](https://www.defensenews.com/digital-show-dailies/ausa/2020/10/13/us-army-prioritizes-open-architecture-for-future-combat-vehicle-amid-competition-prep/) on-line <https://www.defensenews.com/digital-show-dailies/ausa/2020/10/13/us-army-prioritizes-open-architecture-for-future-combat-vehicle-amid-competition-prep/>
47. **US Army pegs 2023 as tipping point for ending old weapons** dtd: 13 October 2020; by: Jen Judson; published on: [DefenseNews](https://www.defensenews.com/digital-show-dailies/ausa/2020/10/13/us-army-pegs-fy23-as-tipping-point-for-ending-old-weapons/) on-line <https://www.defensenews.com/digital-show-dailies/ausa/2020/10/13/us-army-pegs-fy23-as-tipping-point-for-ending-old-weapons/>
48. **Saying 'Thank You' Matters** dtd: 13 October 2020; by: John M. Kamensky; published on: [Nextgov](https://www.govexec.com/management/2020/10/saying-thank-you-matters/169203/) on-line <https://www.govexec.com/management/2020/10/saying-thank-you-matters/169203/>
49. **Is There a Safe Way to Be Home for the Holidays?** dtd: 13 October 2020; by: Joe Pinsker; published on: [The Atlantic](https://www.theatlantic.com/family/archive/2020/10/thanksgiving-christmas-holidays-risk-safety/616701/) on-line <https://www.theatlantic.com/family/archive/2020/10/thanksgiving-christmas-holidays-risk-safety/616701/>
50. **Before joint all-domain operations, leaders need to solve data problems first** dtd: 13 October 2020; by: Andrew Eversden; published on: [C4ISRNet](https://www.c4isrnet.com/show-reporter/ausa/2020/10/13/before-joint-all-domain-operations-leaders-need-to-solve-data-problems-first/) on-line <https://www.c4isrnet.com/show-reporter/ausa/2020/10/13/before-joint-all-domain-operations-leaders-need-to-solve-data-problems-first/>
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A bit of Humor:

Top 10 Things Engineering School Didn't Teach You

1. *There are at least 10 types of capacitors.*
2. *Theory tells you how a circuit works, not why it does not work.*
3. *Not everything works according to the specs in the databook.*
4. *Anything practical you learn will be obsolete before you use it, except the complex math, which you will never use.*
5. *Engineering is like having an 8 a.m. class and a late afternoon lab every day for the rest of your life.*
6. *Overtime pay? What overtime pay?*
7. *Managers, not engineers, rule the world.*
8. *Always try to fix the hardware with software.*
9. *If you like junk food, caffeine, and all-nighters, go into software.*
10. *Dilbert is not a comic strip, it's a documentary*

Real Engineers

1. *Real Engineers consider themselves well-dressed if their socks match.*
2. *Real Engineers buy their spouses a set of matched screwdrivers for their birthday.*
3. *Real engineers have a non-technical vocabulary of 800 words.*
4. *Real Engineers repair their own cameras, telephones, televisions, watches, and automatic transmissions.*
5. *Real Engineers say "It's 77 degrees Fahrenheit, 25 degrees Celsius, and 298 Kelvin" and all you say is "Isn't it a nice day?"*
6. *Real Engineers wear badges so they don't forget who they are. Sometimes a note is attached saying "Don't offer me a ride today. I drove my own car".*
7. *Real Engineers' politics run towards acquiring a parking space with their name on it and an office with a window.*
8. *Real Engineers know the "ABC's of Infrared" from A to B.*
9. *Real Engineers know how to take the cover off of their computer, and are not afraid to do it.*
10. *Real Engineers' briefcases contain a Phillips screwdriver, a copy of "Quantum Physics," and a half of a peanut butter sandwich.*
11. *Real Engineers don't find the above at all funny.*

Upcoming Events:

1. **Chapter's free training "Lunch and Learns" – now conducted as virtual sessions:**

04 November

Featured Speaker: Jarod Guertin, Leonardo DRS

Topic - RF industry guidance for maintenance & considerations of fiber optic interfaces

Description - Background information on fiber optic cables and equipment

- Overview of current and future utilization here at DRS-SSI

- Practical aspects to using and maintaining optical cables and transceivers

[https://teams.microsoft.com/l/meetup-](https://teams.microsoft.com/l/meetup-join/19%3ameeting_ODFiM2FjODEtZTY1ZS00OGVmLTlkMzUtMTIxZjQ0MmM4Njdm%40thread.v2/0?context=%7b%22Tid%22%3a%2263545f27-3232-4d74-a44d-cdd457063402%22%2c%22Oid%22%3a%227c110394-ba0c-4cd4-b635-f2a2bbe52805%22%7d)

[join/19%3ameeting_ODFiM2FjODEtZTY1ZS00OGVmLTlkMzUtMTIxZjQ0MmM4Njdm%40thread.v2/0?context=%7b%22Tid%22%3a%2263545f27-3232-4d74-a44d-cdd457063402%22%2c%22Oid%22%3a%227c110394-ba0c-4cd4-b635-f2a2bbe52805%22%7d](https://teams.microsoft.com/l/meetup-join/19%3ameeting_ODFiM2FjODEtZTY1ZS00OGVmLTlkMzUtMTIxZjQ0MmM4Njdm%40thread.v2/0?context=%7b%22Tid%22%3a%2263545f27-3232-4d74-a44d-cdd457063402%22%2c%22Oid%22%3a%227c110394-ba0c-4cd4-b635-f2a2bbe52805%22%7d)

2. **C5ISR Hall of Fame Induction Ceremony** – 18 November 2020 where Messrs. Raymond A. Irwin and Anthony Lisuzzo (both of AOC "fame") will be inducted into this distinguished group - <https://einvitations.afit.edu/inv/anim.cfm?i=564036&k=076746097851>
3. **Cyber Electromagnetic Activity (CEMA) 2021** - May 25 - 27, 2021 | Aberdeen Proving Ground, Maryland | Online Registration will open on March 1, 2021 | More information at: <https://www.crows.org/page/CEMA2021>
4. **Upcoming 2020 AOC Virtual Series Webinars:** 11/5/2020 -High Power Radio Frequency/Microwave Directed Energy Weapons (HPM DEWs)
5. **Other events of likely interest:**
 - 4 November – PEO C3T I2S and Network CFT virtual meeting
 - 17 November – proposed Open Integration Lab Industry day
 - 17-19 November – Ft. Belvoir Industry Days

For all you History Buffs out there:

1. **Army History Magazine – Fall 2020 Edition** dtd: October 2020; by: U.S. Army; published on: [Army.mil](https://history.army.mil/armyhistory/AH-Magazine/2020AH_fall/index.html) on-line https://history.army.mil/armyhistory/AH-Magazine/2020AH_fall/index.html
2. **Vietnam veteran's ID tag returned to North Dakota widow after found in Russia** dtd: 01 October 2020; by: Louis Casiano published on: [FoxNews](https://www.foxnews.com/us/vietnam-veteran-north-dakota-russia-tag) on-line <https://www.foxnews.com/us/vietnam-veteran-north-dakota-russia-tag>
3. **Soldier killed in WWII buried 75 years later in Tennessee hometown** dtd: 07 October 2020; by: N/A; published on: [Associated Press](https://apnews.com/article/oliver-jeffers-tennessee-archive-world-war-ii-1fc07b34fb9af16f681d2d6766e76c28) on-line <https://apnews.com/article/oliver-jeffers-tennessee-archive-world-war-ii-1fc07b34fb9af16f681d2d6766e76c28>
4. **Meet the Army's 'Night Stalkers,' the special-operations pilots who can fly anything anywhere in the world** dtd: 07 October 2020; by: Stavros Atlamazoglou; published on: [Business Insider](https://www.businessinsider.com/meet-the-armys-160-soar-night-stalkers-special-operations-pilots-2020-10) on-line <https://www.businessinsider.com/meet-the-armys-160-soar-night-stalkers-special-operations-pilots-2020-10>
5. **Watch Children of Civil War Veterans Talk About Their Fathers** dtd: 12 October 2020; by: Blake Stilwell; published on: [Military.com](https://www.military.com/holidays/veterans-day/watch-children-of-civil-war-veterans-talk-about-their-fathers.html) on-line <https://www.military.com/holidays/veterans-day/watch-children-of-civil-war-veterans-talk-about-their-fathers.html>
6. **The secret history of Confederate post names the Army never wanted you to see** dtd: 14 October 2020; by: Paul Szoldra; published on: [Task and Purpose](https://taskandpurpose.com/news/army-confederate-post-study) on-line <https://taskandpurpose.com/news/army-confederate-post-study>
7. **Watch The Biggest Unexploded World War Two Bomb Ever Found in Poland Blow Up** dtd: 14 October 2020; by: Thomas Newdick; published on: [The Drive](https://www.thedrive.com/the-war-zone/37064/watch-the-biggest-unexploded-world-war-two-bomb-ever-found-in-poland-blow-up) on-line <https://www.thedrive.com/the-war-zone/37064/watch-the-biggest-unexploded-world-war-two-bomb-ever-found-in-poland-blow-up>
8. **WWII vet's 107th birthday brings parade of well-wishers, thanks to California non-profit** dtd: 17 October 2020; by: Matthew Cox; published on: [Military.com](https://www.militarytimes.com/news/2020/10/17/wwii-vets-107th-birthday-brings-parade-of-well-wishers-thanks-to-california-non-profit/) on-line <https://www.militarytimes.com/news/2020/10/17/wwii-vets-107th-birthday-brings-parade-of-well-wishers-thanks-to-california-non-profit/>
9. **Legendary WWII Jungle Fighters Finally Have the Congressional Gold Medal** dtd: 19 October 2020; by: Richard Sisk; published on: [Military.com](https://www.military.com/daily-news/2020/10/19/legendary-wwii-jungle-fighters-finally-have-congressional-gold-medal.html) on-line <https://www.military.com/daily-news/2020/10/19/legendary-wwii-jungle-fighters-finally-have-congressional-gold-medal.html>
10. **Watch the teaser trailer to Netflix's upcoming animated WWII series 'The Liberator'** dtd: 19 October 2020; by: J.D. Simkins; published on: [MilitaryTimes](https://www.militarytimes.com/off-duty/military-culture/2020/10/19/watch-the-teaser-trailer-to-netflixs-upcoming-animated-wwii-series-the-liberator/) on-line <https://www.militarytimes.com/off-duty/military-culture/2020/10/19/watch-the-teaser-trailer-to-netflixs-upcoming-animated-wwii-series-the-liberator/>
11. **Services set for Oklahoma soldier whose remains were returned by North Korea in 2018** dtd: 20 October 2020; by: The Associated Press; published on: [ArmyTimes](https://www.armytimes.com/news/your-army/2020/10/20/services-set-for-oklahoma-soldier-whose-remains-were-returned-by-north-korea-in-2018/) on-line <https://www.armytimes.com/news/your-army/2020/10/20/services-set-for-oklahoma-soldier-whose-remains-were-returned-by-north-korea-in-2018/>
12. **National Museum of the United States Army to open Veterans Day 2020** dtd: 20 October 2020; by: U.S. Army; published on: [Army.mil](https://www.army.mil/article/239858) on-line <https://www.army.mil/article/239858>
13. **Chairman Honors WWII Army Nurse, Others** dtd: 28 October 2020; by: David Vergun; published on: [Defense.gov](https://www.defense.gov/Explore/News/Article/Article/2397197/chairman-honors-wwii-army-nurse-others/source/GovDelivery/) on-line <https://www.defense.gov/Explore/News/Article/Article/2397197/chairman-honors-wwii-army-nurse-others/source/GovDelivery/>
14. **Dedication Ceremony for Pentagon's Newest Permanent Display** dtd: 29 October 2020; by: N/A; published on: [Defense.gov](https://www.defense.gov/Newsroom/Releases/Release/Article/2397882/dedication-ceremony-for-pentagons-newest-permanent-display/source/GovDelivery/) on-line <https://www.defense.gov/Newsroom/Releases/Release/Article/2397882/dedication-ceremony-for-pentagons-newest-permanent-display/source/GovDelivery/>

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BECOME AN AOC SUSQUEHANNA SPONSOR

The Aberdeen Proving Ground Susquehanna Chapter of AOC has long been tied to the APG, formerly Fort Monmouth, community. Since BRAC in 2005, and the subsequent move to APG, the AOC is in the process of establishing the Susquehanna chapter along with plans for support to APG and the local community to facilitate networking between government and industry officials in the intelligence, electronic warfare and cyber disciplines and provide much needed support to educational/scholarship and STEM activities.

The Chapter will hold luncheons of interest to its members, support STEM related activities, provide scholarship opportunities to deserving students, and technical competitions to increase awareness of new and innovative technologies in the intelligence, electronic warfare and cyber domain.

To continue the efforts outlined above, we need your support for without your participation we will not be able to continue to provide the networking, scholarships, and community outreach that we provide today.

With this thought in mind, we have created a Sponsorship Program designed to fit most any company or individual, in an effort to provide the funding needed to support the Chapter's overall community outreach program.

Each Level provides the following benefits:

- Up to five seats at Chapter luncheons.
- Announcement of your Sponsorship through our various media platforms.
- Recognition at chapter events throughout the year.
- Special Logo recognition on our Aberdeen Proving Ground Susquehanna Chapter website.
- Your support listed on dozens of Chapter event email which are broadcast to the entire APG AOC membership database each year.

SPONSORSHIP OPTIONS

- GOLD** - \$1,000, provides 5 seats as outlined above
- SILVER** - \$500, provides 2 seats as outlined above
- BRONZE** - \$250, provides 1 seat as outlined above & is for companies with 10 or fewer employees.

To register on-line and pay via PayPal:
<http://aoc-apg.org/sponsorships/>

To register off-line, mail the registration form below with check enclosed.