

Defense Systems

DIGEST

21 APRIL 2020 – THE LATEST FROM DEFENSE SYSTEMS INFORMATION ANALYSIS CENTER



NOTABLE TECHNICAL INQUIRY

Can short-wavelength ultraviolet (UV-C) lighting be used for antimicrobial decontamination of surfaces to mitigate the spread of COVID-19?

As part of further supporting the COVID-19 White House Task Force (WHTF), DSIAC reached out to a member of the Federal Aviation Administration (FAA) from RP Advanced Mobile Systems and received information on the FAA effort to study UV-C lighting as a possible antimicrobial solution for decontaminating aircraft cabin areas and laboratories. [Read More](#)

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FEATURED NEWS



Despite COVID-19, U.S. Military Remains Ready to Fight

"To those who wish us harm, make no mistake: even with the challenges that this disease has brought to our shores, the Department of Defense stands ready to meet any threat and defend our nation," Deputy Secretary of Defense David L. Norquist said during a news conference at the Pentagon. "Over the last 4 years, we have rebuilt our military from the negative effects of sequestration. We have more people, more advanced equipment, more munitions, and are better trained. If our adversaries think this is our moment of weakness, they are dangerously wrong."

VOICE FROM THE COMMUNITY



John Rowe, *Combat Vehicle Survivability Engineer, U.S. Army*

Over the last nearly 40 years, I have spent my career improving the survivability of the Abrams main battle tank for the U.S. Army. From the original M1 tank to the latest generation of M1A2SEPV3, crew survivability has always been the number one priority. The development and fielding of enhancements in armor protection, system design, and other threat defeat technologies have been the focus of my work, with the goal of maintaining battlefield superiority by allowing our soldiers to fight another day.

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UPCOMING POSTPONED EVENTS

Technet Fort Bragg Symposium & Exposition

21 April 2020 to 22 April 2020

“Introduction to Brawler” 2020 Training

21 April 2020 to 24 April 2020

2020 Army Aviation Mission Solutions Summit

22 April 2020 to 24 April 2020

IoT Government Summit

23 April 2020 to 24 April 2020

► Want your event listed here? Let us know!

SEEKING YOUR KNOWLEDGE



Radio Frequency Emitters and Related Remote Control Software

Do you know what solutions are available for portable, configurable, and reliable radio-frequency (RF) emitters and the software to remotely control them? If so, collaborate with the DoD community today to share your knowledge. [Read More](#)

DSIAC JOURNAL WINTER 2020



Flight Standards for UAS in the National Air Space

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- Preventing Injuries Through Actionable Analysis
- What Does Next-Generation, Passive RPG Protection Look Like?
- Augmented Target Recognition Display Recommendations
- System Capabilities Analytic Process and Advanced Teaming Analyses
- The Synthetic and Measured Paired and Labeled Experiment (SAMPLE) Dataset for SAR ATR Development



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RECENT NEWS



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The Air Force Mobilizes Its Laser and Microwave Weapons Abroad



Tiny Nuclear Reactors Could Help Us Get to Mars



Marines Test New Night Vision Goggles in Realistic Setting



Training to Defend



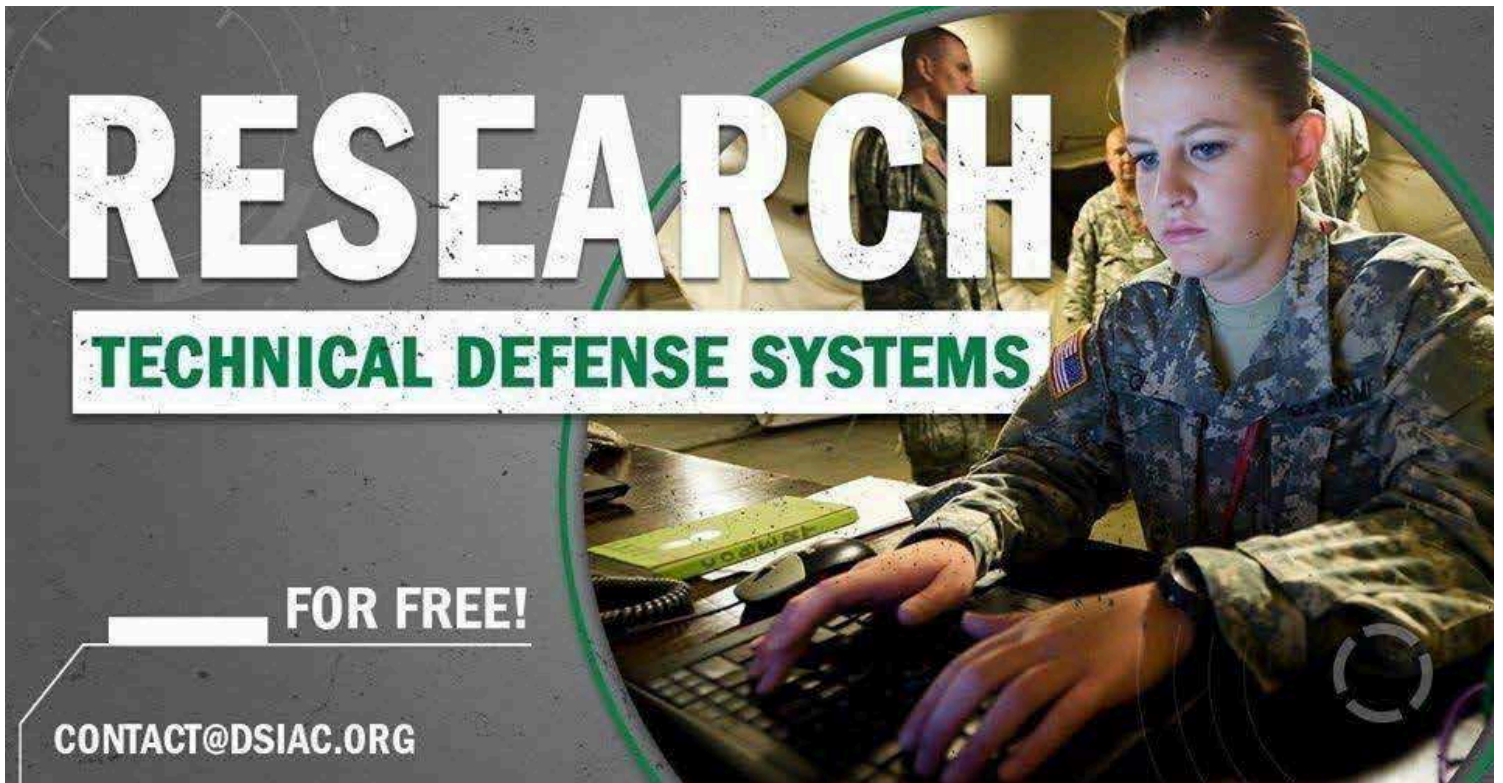
JMC Delivers Global Munitions Readiness With Logistics Initiatives



Orion "Passengers" on Artemis I to Test Radiation Vest for Deep Space Missions



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Defense Systems Information Analysis Center
4695 Millennium Drive, Belcamp, MD 21017
Phone: 443-360-4600
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