

The Department of the Navy (DoN) and the United States Special Operations Command Join Forces to Supercharge Early Threat Warning Systems

Arlington, VA – Applied Signals Intelligence, CACI, DRS Advanced ISR, Resonant Sciences, and Roke USA have been awarded the Joint Threat Warning System (JTWS) Directional Finding/Omnidirectional Antenna project through the Strategic & Spectrum Missions Advanced Resilient Trusted Systems (S²MARTS) Other Transaction Authority (OTA) to develop a direction-finding antenna for Joint Threat Warning Systems.

A Joint Threat Warning System (JTWS) is an integrated system used by government and military organizations to monitor and analyze potential threats to national security. It is a type of early warning system designed to detect, collect, analyze, and report potential threats to our nation. These threats can range from terrorist activities to natural disasters.

Joint threat warning systems are essential for providing early warning and protection to military personnel and other organizations. This directional finding/omnidirectional antenna will provide a crucial capability to the JTWS, allowing it to detect and identify threats from electromagnetic signals. By modifying the latest antenna technology commercially available, these companies will produce improvements in the ability to collect, process, locate and exploit Signals of Interest (SOI) enhancing the mission performance of providing timely, relevant, and

responsive threat avoidance information.

The JTWS Directional Finding/Omnidirectional Antenna project will ultimately provide early threat warnings to military personnel and can analyze the direction of arrival (DOA) of signals, providing lifesaving detailed information to those who need it most. By providing timely warnings and the directional of the potential threat, the JTWS Directional Finding/Omnidirectional Antenna project will help to alert the public and government officials to possible security risks and allow for appropriate actions to be taken to prevent or mitigate the threat. Additionally, the JTWS helps to coordinate responses between government and military organizations and facilitates the sharing of information between these organizations.

“These early threat warning systems are an invaluable tool for the protection of our nation, and as technological capabilities advance, we must upgrade these systems as well,” stated S²MARTS Deputy Director Tony Kestranek. “This helps to protect the safety and security of our nation, our citizens, and our infrastructure.”

The JTWS project has a total projected value of \$9.3 million dollars and is anticipated to be released within a 17-month period.

**Navy Awards Kratos \$46.7M
Contract for Submarine**

Ballistic Missile Reentry Systems

[Release from Kratos Defense](#)

June 5, 2023 at 8:00 AM EDT

SAN DIEGO, June 05, 2023 (GLOBE NEWSWIRE) – Kratos Defense & Security Solutions, Inc. (NASDAQ: KTOS), a Technology Company in the Defense, National Security and Global Markets, has been awarded a contract by the Naval Surface Warfare Center Dahlgren Division (NSWCDD) for thermo-mechanical and aerothermal ground testing of thermal protection system materials in ballistic reentry and reentry-like environments in its Kratos SRE business unit in Birmingham, Alabama. The five-year contract includes options with a total value up to \$46.7 million, with an initial award of \$8.6 million under a cost-plus-fixed-fee contract.

The effort will test materials supporting technical efforts for the U.S. and the U.K. with direct oversight from the NSWCDD Reentry Systems Office. The support includes sample preparation, instrumentation, testing and gathering thermo-mechanical data on materials at extremely high temperatures and in high heat flux/shear environments. The contract enables Kratos SRE to conduct ground testing of thermal protection materials at external ground test facilities and produce flight hardware for the Navy. It requires the unique ability to test and collect data at maximum temperatures of 5,500 degrees Fahrenheit to properly test materials in reentry-like environments.

Michael Johns, Senior Vice President of Kratos SRE, said, “We are honored to support NSWCDD for this important program and are proud that we have been able to do so for decades. We

bring a unique capability to this program and through the hard work of our expert team, we look forward to helping our nation as part of the larger Navy team.”

Dave Carter, President of Kratos’ Defense & Rocket Support Services Division, said, “Our division has a long and valued relationship with the Navy supporting research rocket and ballistic missile target programs. The addition of the NSWCDD RS0 work by adding KSRE to our division team is exciting, and we look forward to continuing our role as a trusted provider for the Navy.”

Kratos SRE, formerly part of Southern Research and acquired by Kratos in May 2022, is an advanced concept group within Kratos’ Defense & Rocket Support Services (KDRSS) Division. SRE currently employs about 175 engineers, technicians and program support professionals conducting work in support of the space community, the Department of Defense and other national security customers.

Cadet Corner: Fusing Coaching with Military Style Leadership



By Amen Dilawar

At the George Washington Educational Campus, the robust Navy Junior Reserve Officers Training Corps provides a multitude of leadership opportunities to its cadets ranging from grades

9-12. These roles empower them to take the initiative to lead cadets in the unit, operate in unison under the supervision of executive officers, and most significantly, receive encouragement from fellow cadets and guidance from Naval Science Instructors.

As a crosstown cadet and former Public Affairs Officer Assistant, I have been able to expand my mentorship capacity and share my experiences with others, creating new connections and establishing more opportunities of development for not just myself but also other cadets. Furthermore, serving as President of the Mentorship Club and Helping Everyone Live Positively Movement at my school, The Collegiate Institute for Math and Science, for two consecutive years has helped me recognize the value of fostering new relationships through one-on-one coaching/peer tutoring sessions, mix and mingle events for mentors and mentees, and weekly workshops. To be a successful leader and agent of change, I have had to work collectively with members of the initiative to make students feel treasured and comforted.

Apart from accomplishing the Navy's mission and upholding its customs, there should be an integration of coaching with exercising leadership so that all NJROTC officers cultivate support from one another and identify the distinct purpose they are intended to serve in a collaborative and stimulating atmosphere. This will serve as a tactic to accomplish success through bonding and the establishment of strong ties.

A mentor can assist a mentee with academic support, emotional counseling, career exploration, goal setting, and creating a defined path for achieving those objectives. They can also provide a

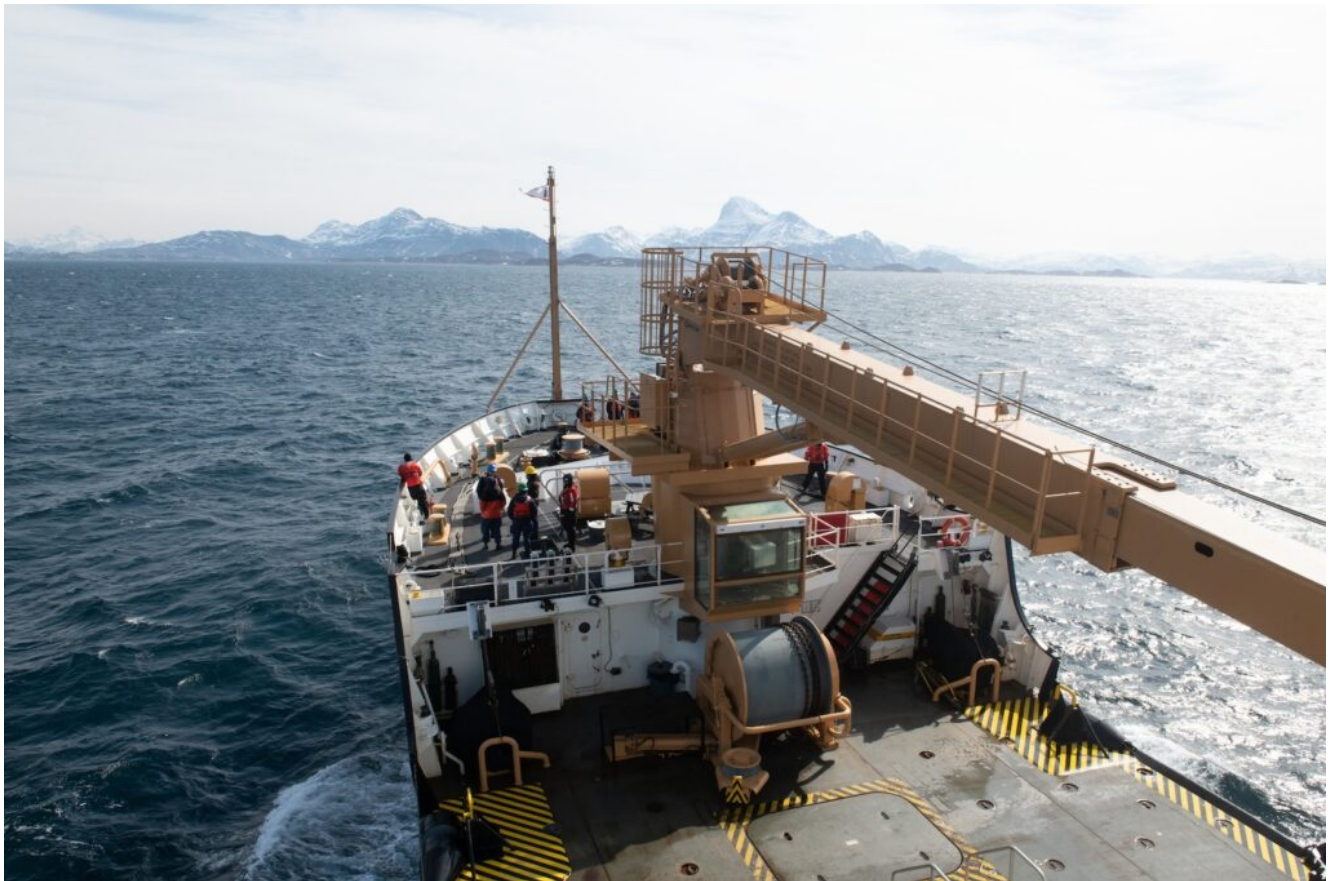
sense of direction. Likewise, if service personnel in the armed forces obtain enlightenment from veterans or long-term service members in various facets of life, whether that is when they encounter constant relocations, departures from

loved ones, or other personal sacrifices, their performance rates will accelerate in addition to their psychological and emotional state being preserved. This can be applied to NJROTC considering that mentorship stimulates a stable dynamic for individuals. The value of mentorship within each unit should be esteemed as the core values of honor, courage, and commitment.

It is my sincere hope that individuals utilize mentorship as a tool to promote collaboration, combat paramountcy, and acquire prosperity in both educational and professional worlds.

Amen Dilawar is a cadet with the NJROTC unit at George Washington Educational Campus in Manhattan.

USCGC Sycamore begins Exercise Argus from Nuuk, Greenland



[Release from U.S. Coast Guard Atlantic Area](#)

NUUK, Greenland– The crew of USCGC Sycamore (WLB 209) arrived in Nuuk, Greenland, Saturday, in support of Exercise Argus 2023.

During the port visit, U.S. Coast Guard Cmdr. Chad Conrad, Sycamore's commanding officer and Lt. Anthony Figueroa, Sycamore's executive officer, met with organizers of the joint, large-scale exercise to discuss plans for Exercise Argus in Southern Greenland.

The crew of Sycamore departed Nuuk Tuesday for the start of the exercise, which includes navigation, damage control, and search and rescue training events.

Exercise Argus is an annual training event designed to enhance capabilities of international partners for responding to search and rescue and marine environmental events in the Arctic region. The exercise takes place from June 12-16, 2023,

and affords participating nations opportunities to advance effective partnerships, collaboration and interoperability for a variety of issues affecting the high North region.

The exercise will include maritime and air assets from Greenland, Denmark, France and the United States. Participation in Exercise Argus highlights our collective commitment to safety, environmental protection and international partnerships in the region.

This stop is the second port call for Sycamore's crew after leaving St. John's in Newfoundland, Canada.

Sycamore is a 225-foot buoy tender home-ported out of Newport, Rhode Island, with a crew of 48. Sycamore's primary missions include maintaining aids-to-navigation, promoting economic security through navigation safety of the Marine Transportation System, supporting search and rescue, domestic icebreaking, living marine resources, maritime law enforcement, environmental protection, national defense and homeland security missions.

**Fairbanks Morse Defense
Contracts with Oceus to Co-
Develop Remote Connect
Portable 5G Network for
Maritime Defense**

NEWS



Fairbanks Morse Defense Contracts with OCEUS to Co-Develop Portable 5G Network

FAIRBANKS MORSE
DEFENSE

[Release from Fairbanks Morse Defense](#)

BELOIT, Wis. – June 13, 2023 – Fairbanks Morse Defense (FMD), an Arcline Investment Management portfolio company, signed a three-year agreement with Oceus to co-develop and deploy Remote Connect™, a reliable, secure, portable 5G Broadband Kit to provide maritime defense customers with instant remote connectivity for any device. The technology provides crews with 5G communications access in some of the world's most remote locations and in areas with extreme interference,

ensuring they maintain mission-critical communications while performing essential ship repairs.

Oceus empowers governments and enterprises with intelligent, private 5G communications for critical operations in challenging environments. The patented technology intelligently optimizes for peak performance and eliminates the complexities of deploying and managing private 5G networks.

“Remote Connect will amplify our FM OnBoard technology, allowing technicians who are working in the engine room and other lower decks to have the same reliable connectivity that is available topside. This means they can work with FMD’s remote technicians to monitor assets, detect anomalies, and troubleshoot issues from anywhere in the world without losing their connection,” said Keith Haasl, FMD Vice President of Fairbanks Morse Technology. “This technology showcases FMD’s ongoing commitment to support maritime defense with the best-in-class marine technologies, and we’re looking forward to working with Oceus to identify the many opportunities for this technology.”

The Remote Connect portable 5G Broadband Kit comes in a ruggedized, lightweight case, making it easy to transport. It is instantly deployable from land or sea through a single push-button startup. The battery-powered system will provide over eight hours of active use. When launched, users will have Wi-Fi access through a secure 5G cellular modem and gateway within minutes.

“Secure, reliable connectivity is essential for the Navy as the fleet grows and its demand for transmitting data expands,” said Paul McQuillan – Oceus Chief of Growth and Strategy Officer. “FMD has a strong network throughout the Navy, Military Sealift Command, and the Coast Guard, which makes them an ideal collaborator to help us expand this technology for mission-critical maritime defense.”

Prior to this agreement, Oceus worked with FMD through the FM Defense Accelerator to refine the portable 5G Broadband Kit technology and explore various naval applications.

Four Nations' Navies Flex Partnership While Operating in the Western Pacific



[Release from 7th Fleet Public Affairs](#)

Four Nations' Navies Flex Partnership While Operating in the Western Pacific

09 June 2023

From 7th Fleet Public Affairs

PHILIPPINE SEA – Ships from the navies of Japan, France and Canada joined two U.S. Navy carrier strike groups to operate as a unified force in the Philippine Sea, June 9.

The aircraft carriers USS Nimitz (CVN 68) and USS Ronald Reagan (CVN 76) met the Japan Maritime Self-Defense Force's large-deck helicopter destroyer JS Izumo (DDH 183) and surface units from Canada and France.

The integrated at-sea exercise brought together more than 12,000 Sailors from across the four maritime nations and supports U.S. Indo-Pacific Command's Large Scale Global Exercise (LSGE) 23. LSGE demonstrates the U.S. military's interoperability with allies and partners in support of a free and open Indo-Pacific.

"The credibility of an integrated carrier strike force is the U.S. Navy's greatest deterrent to those who threaten the international rules based order," said Rear Adm. Jennifer Couture, commander, CSG 11, aboard USS Nimitz. "Together with our allies and partners, we're demonstrating our capability to seamlessly integrate across all domains, our readiness to respond to any contingency, and our commitment to uphold freedom of navigation and overflight in the Indo-Pacific region."

JMSDF Rear Adm. Takahiro Nishiyama, commander, Escort Flotilla 1, said: "The First Surface Unit of the Indo-Pacific Deployment 2023, JS Izumo and JS Samidare, departed their mother ports by June 1 to begin their three-and-a-half-month deployment operations. As the first multinational exercise, I was very excited and reassured to have the opportunity to strengthen cooperation with our important like-minded countries, the Royal Canadian Navy and the French Navy, in

addition to the U.S. Navy, with which we have strong bonds of cooperation. I also believe that this exercise embodied the willingness and ability of Japan and our allies and comrades to continue our engagement in the Indo-Pacific region toward the realization of a free and open Indo-Pacific.”

The combined force conducted flight operations and air defense exercise scenarios as well as simulated strikes against maritime targets. Other ships in the partnership included USS Antietam (CG 54), FS Lorraine (D 657) from the French Navy (Marine Nationale), and frigate HMCS Montreal (FFH 336) from the Royal Canadian Navy.

The training and events provided commanders the chance to practice capabilities across the maritime domain as participating forces focused on anti-air, anti-surface, and anti-submarine warfare tactics and procedures. Moreover, cooperative maritime engagements with such enduring partnerships help strengthen existing relationships and increase collective war-fighting readiness, maritime superiority and power projection.

Nimitz from CSG 11 is operating with Ronald Reagan from CSG 5 for the first time since June 2020.

“The combined operations of CSG 5 and CSG 11 – exercising with our Canadian, French and Japanese allies – demonstrates our interoperability, combined capability and common commitment to a free and open Indo-Pacific,” said Rear Adm. Michael “Buzz” Donnelly, commander, CSG 5/Commander, Task Force 70. “As a Pacific nation, our presence allows us to coordinate across all domains and maintain a responsive maritime force that is able to support stability and security in the region by being ready across the full spectrum of naval capabilities.”

U.S. 7th Fleet is the U.S. Navy’s largest forward-deployed numbered fleet, and routinely interacts and operates with allies and partners in preserving a free and open Indo-Pacific

region.

Port of Seattle Commissions Third Shore Power System at Pier 66



The “world’s first” port with three ship shore power systems for cruise liners to turn off diesel engines and connect to shoreside electricity to reduce emissions

The Port of Seattle is installing a third shore power system at Pier 66, making it the world’s first port with three of the systems for cruise ships. The technology can significantly reduce emissions and improve air quality by allowing ships to connect to electricity and turn off diesel engines while at the dock.

The port operates the largest and fastest-growing cruise port on the West Coast with more than 200 vessels in a typical

season between April and October. Adding a third shore power system is a major component of the port's Waterfront Clean Energy Strategy, which will help improve air quality in historically underserved communities, modernize and optimize grid resources, support green maritime industry investments, increase resiliency of critical port infrastructure, and spur growth and employment in electrification, renewable fuels, and the clean technology sector.

The new shore power connection is expected to be fully operational by the 2024 Alaska cruise season.

The contract for the shore power system components was awarded in November 2022 to Kingston, WA-based Watts Marine, an innovator and integrator of shore power technology systems. To date, the company has installed ten shore power systems globally at ports in Seattle, San Diego, San Francisco, Halifax, Vancouver BC, Brooklyn, and Long Beach. An estimated 700 cruise ships connect to Watts Marine's shoreside electrical power equipment each year.

The company facilitates every aspect of the shore power process, from helping the marine industry navigate the fine points of regulatory advising through design, build, heavy equipment installation, and system operation and maintenance. Each shore power system consists of proprietary equipment developed specifically to serve the cruise ship industry. This includes equipment for dual-voltage electrical service, custom-developed electrical cable handling, and electronic monitoring and control.

The Port of Seattle will also use Watts Marine's innovative, cost-effective Mobile Cable Positioning Device (CPD), which facilitates shore power connections by moving the cabling strategically to the ideal location. The mobile design simplifies moving the system to accommodate docked vessels of all sizes and configurations, making shore power available almost immediately.

The mobile cable positioning device can be used with any shoreside electric power systems, not just Watts Marine installations. The unit is designed to allow the operator to strategically position the Mobile CPD, then plug into shore power cables on the back side while extending the cables from the end of a boom. The vessel's crew can then reach out, pull the power cables in, and plug them into their connection box.

Once the connection has been made using the mobile CPD, the Watts Marine shoreside operator then selects the ship to be connected from the database in the automation system, which determines the proper operating parameters. Protection relays and redundant safety systems ensure the safety of the ship and shore electrical systems.

Watts Marine's custom software also allows the specialists in its dedicated control center in Seattle to oversee every connection. All the ship's systems then run on shore electricity instead of its diesel engines, virtually eliminating fuel emissions while in port.

Coast Guard crew offloads \$76 million worth of narcotics in San Diego



[Release from U.S. Coast Guard 13th District](#)

June 9, 2023

Coast Guard crew offloads \$76 million worth of narcotics in San Diego

SAN DIEGO – The Coast Guard Cutter Alert (WMEC 630) crew offloaded more than 5,776 pounds of cocaine worth more than \$76 million, Friday, in San Diego.

The interdiction occurred in international waters in the Eastern Pacific Ocean off the coasts of Central and South America in May.

“Preventing these drugs from reaching our country not only saves lives, but reduces violence, corruption and instability,” said Rear Adm. Andrew Sugimoto, commander, Coast Guard Eleventh District. “I commend the Alert’s crew for their hard work and continued efforts to ensure the illegal and

dangerous process of bringing drugs into this country is put to a stop.”

Numerous U.S. agencies from the Departments of Defense, Justice and Homeland Security cooperate in the effort to combat transnational organized crime. The Coast Guard, Customs and Border Protection, FBI, Drug Enforcement Administration, and Immigration and Customs Enforcement, along with allied and international partner agencies, play a role in counter narcotic operations.

“Alert’s crew and attached aviation detachment overcame numerous challenges to flawlessly execute our assigned counternarcotics patrol,” said Cmdr. Matthew Kolodica, commanding officer of the Alert. “I am extremely impressed with the crew’s resiliency and unwavering dedication to safe, efficient, mission execution. Stopping \$76 million worth of narcotics from reaching American soil is something we can all be proud of, and I’m truly honored to lead such a fine team.”

The fight against drug cartels in the Eastern Pacific Ocean requires unity of effort in all phases from detection, monitoring, and interdictions, to criminal prosecutions by international partners and U.S. Attorneys’ Offices in districts across the nation. The law enforcement phase of counter-smuggling operations in the Eastern Pacific Ocean is conducted under the authority of the Eleventh Coast Guard District, headquartered in Alameda. The interdictions, including the actual boardings, are led and conducted by members of the U.S. Coast Guard.

The Alert is a [United States Coast Guard](#) 210-foot [medium endurance cutter](#) and is the fourth cutter to carry the namesake. Coast Guard missions take the Alert throughout the Pacific Ocean, from the maritime boundary line between Russia and the United States and the coastal waters off Washington, Oregon, and California to the waters off the Central and South American coasts.

Egypt Turns Over Command of Multinational Red Sea Task Force



MANAMA, Bahrain (June 12, 2023) Egyptian Navy Rear Adm. Mahmoud Abdelsattar, left; Vice Adm. Brad Cooper, commander of U.S. Naval Forces Central Command, U.S. 5th Fleet and Combined Maritime Forces, center; and U.S. Navy Capt. Anthony Webber, new commander of Combined Task Force 153; render honors on stage during a change of command ceremony in Manama, Bahrain, June 12, 2023. **(Photo by Cpl. Jensen Guillory)**

[Release from U.S. Naval Forces Central Command Public Affairs](#)

By U.S. Naval Forces Central Command Public Affairs | June 12,

2023

MANAMA, Bahrain – The Egyptian Navy turned over command of a multinational Red Sea task force to the U.S. Navy, June 12, six months after Egypt began leading the Combined Maritime Forces (CMF) operational staff for the first time.

U.S. Navy Capt. Anthony Webber relieved Egyptian Navy Rear Adm. Mahmoud Abdelsattar as the commander of Combined Task Force (CTF) 153 during a ceremony in Bahrain where CMF has its headquarters.

Established in April 2022, CTF 153 is one of five CMF task forces responsible for conducting maritime security and training operations across the Middle East. The multinational staff supporting CTF 153 specifically focuses on international maritime security efforts in the Red Sea, Bab al-Mandeb and Gulf of Aden.

“It was a great honor to be the commander of CTF 153,” said Mahmoud. “For the last six months, we have worked closely with partner nations, maintained stability in the Red Sea, Bab al-Mandab Strait and Gulf of Aden, and proved once again that Egypt is committed to maintaining maritime security and enhancing our capabilities through trust, training and working together.”

Webber assumes command of CTF 153 while still serving as commander for Task Force 55, U.S. 5th Fleet’s operational staff overseeing U.S. Navy surface assets employed in the Middle East.

“It takes all of us working together to make a winning team, and I have all the confidence in the world that we will do just that in carrying out our duties with honor and commitment,” Webber told the CTF 153 team. “Your achievements are vast and I am honored in having this remarkable opportunity to serve with you.”

With 38 nations, CMF is the largest naval partnership in the world. Other task forces include CTF 150, focused on maritime security in the Gulf of Oman, Indian Ocean and Gulf of Aden; CTF 151, which leads regional anti-piracy efforts; CTF 152, dedicated to maritime security in the Arabian Gulf; and CTF 154, established in May to enhance maritime security training throughout the region.

Curtiss-Wright Awarded \$24 Million Contract to Provide Flight Test Instrumentation Equipment for the F-35 Technology Refresh 3 Program



PHILIPPINE SEA (June 10, 2022) U.S. Marine Corps F-35B Lightning II aircraft with Marine Fighter Attack Squadron (VMFA) 121 stage aboard the amphibious assault ship USS Tripoli (LHA 7), while underway, June 10, 2022. Marines with VMFA-121, based out of Marine Corps Air Station Iwakuni, Japan, are conducting flight operations in support of a free and open Indo-Pacific. (U.S. Marine Corps photo by Sgt. Jackson Ricker)

[Release from Curtiss-Wright](#)

DAVIDSON, N.C. – June 12, 2023 – Curtiss-Wright Corporation (NYSE: CW) today announced that it has been awarded a \$24 million contract from Nellis Air Force Base to provide Flight Test Instrumentation (FTI) equipment in support of the F-35 Technology Refresh 3 (TR-3) program. Technology Refresh 3 represents a series of critical upgrades to the F-35's hardware and software meant to improve its displays, memory and computer processing capability and support future modernization capabilities.

“We are proud to have been selected by Nellis Air Force Base to provide our aerospace instrumentation technology for use on critical flight tests of the F-35 TR-3 program,” said Lynn M. Bamford, Chair and CEO of Curtiss-Wright Corporation. “The receipt of this contract reflects our long-standing relationships and ongoing collaboration with the F-35 Joint Program Office and U.S. Flight Test Range engineers and personnel, and demonstrates the trust and confidence that customers place in Curtiss-Wright’s advanced and reliable integrated high-speed flight test instrumentation systems.”

Curtiss-Wright has worked closely over the past three years with U.S. Flight Test Ranges, including Nellis AFB and the Naval Air Warfare Center Aircraft Division, as well as the F 35 Joint Program Office, to define and architect the Distributed Flight Test Instrumentation (DFTI) system that enables the test and evaluation of F-35 TR-3 configured aircraft. Curtiss-Wright’s FTI technology forms part of the DFTI system, where products and subsystems that enable the acquisition, collation, processing, recording, and telemetry of flight test data support the seamless transport of that data. Because it is networked, DFTI enables the distribution of flight test instrumentation equipment closer to the measured parameters, resulting in increased test accuracy.

Since 1998, Curtiss-Wright has successfully supported Nellis AFB with [FTI solutions](#) that meet the highest standards. As a total systems provider for FTI, Curtiss-Wright provides products and services that collect, collate, process, record, transmit via RF links, and analyze and display flight test data.

Curtiss-Wright is performing the work at its TTC facility in Newtown, Pa., within its [Defense Solutions](#) division in the Defense Electronics segment. For more information about Curtiss-Wright’s Defense Solutions division products, please visit www.curtisswrightds.com.