

# Secretary of Defense Emphasizes Lethality, Deterrence on Guam



From Lt. Cmdr. Michelle Tucker, March 28, 2025

ANDERSEN AIR FORCE BASE, Guam – Secretary of Defense Pete Hegseth arrived on Guam March 27 to meet with military and civilian leaders and speak with troops – his first visit to Guam since his January confirmation.

The visit was the second stop on Hegseth’s Pacific engagement tour, which began in Hawaii and will continue from Guam to the Philippines and Japan. Hegseth focused on strengthening alliances and bolstering warrior ethos among service members, further strengthening the United States’ deterrence posture in the region.

More than 600 service members from military commands across Guam gathered for a troop call at Andersen Air Force Base to kick off the visit. Hegseth praised them for their mission contributions, noting Guam's strategic location in the Indo-Pacific region, and charged them to increase lethality and readiness.

"What unites us is who we are and our purpose as Americans," Hegseth said. "We are in the business of warfighting. You are warfighters on behalf of our nation and we are [going to] make sure you have a military built and prepared for that fight ... American leadership ensures the free world is protected – to advance American interests and the interests of our allies."

The visit fell one day after the 80th anniversary of end of the Battle of Iwo Jima that occurred just 750 miles north northwest of Guam. During the troop call, Hegseth recognized a group of seven Iwo Jima veterans who traveled to Guam to attend commemoration events. He thanked them for their courage and fortitude, and for paving the way for Americans in the Pacific.

Commander, Joint Region Marianas Navy Rear Adm. Brent DeVore greeted Hegseth upon arrival along with other senior military leaders on island.

"The Secretary's visit underscored the Department of Defense's commitment to the security of Guam and the Commonwealth of the Northern Mariana Islands, as well as the entire Micronesia region's strategic importance to the Pacific," DeVore said. "We highlighted our efforts and contributions to strategic deterrence, demonstrating U.S. strength and daily preparedness – and tangible examples of ongoing work in cyber security, missile defense, our construction projects throughout Guam, CNMI, and the COFA states, and infrastructure resilience."

"We all emphasized the interconnectedness between the

Department of Defense efforts and our local communities, in all we do," he added.

During a military roundtable, Hegseth received briefs from installation commanders and key leaders throughout the region detailing capabilities and future growth on Guam. Commander, 36th Wing, Andersen Air Force Base Air Force Brig. Gen. Thomas Palenske stressed to Hegseth the importance of the work the team is doing on Guam.

"Andersen Air Force Base is incredibly vital to the mission in the Indo-Pacific," Palenske said. "Our strategic location and the exceptional readiness of our personnel reinforce our commitment to deterrence and combat readiness in the region. The capabilities showcased and discussed during this visit not only empower our forces but also strengthen our alliances and ensure we stand ready to respond to any challenge."

The "Island Knights" of Helicopter Sea Combat Squadron (HSC) 25 flew Hegseth in an MH-60S Sea Hawk helicopter for an aerial tour of the island. During the tour, Naval Facilities Engineering Command Marianas Commanding Officer Navy Capt. Troy Brown briefed Hegseth on current and future construction and resiliency improvements on Guam including the Glass Breakwater, which was damaged during Typhoon Mawar. The breakwater is critical to harbor protection and the supply chain for the entire island.

Finally, Guam Gov. Lou Leon Guerrero, Commonwealth of the Northern Mariana Islands (CNMI) Gov. Arnold Palacios, and Guam Rep. James Moylan met with Hegseth to discuss military-civilian partnership from a local perspective.

"Our goal is achieve peace through strength," Hegseth said. "By putting America first, that means working with partners and allies throughout the region, reestablishing deterrence and building capabilities right here. These islands are the

tip of America's spear in the Pacific.

"I want to be very clear to everyone in this room," Hegseth continued. "... Any attack against these islands is an attack against the U.S. We recognize that, we understand that, and we are committed to that."

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## **DON Authorizes Attendance at Sea-Air-Space 2025 for Military, Civilian Personnel**



**FOR IMMEDIATE RELEASE**

**March 25, 2025**

ARLINGTON, Va. – Travel for the Navy League's Sea-Air-Space

Symposium has been authorized for all Department of Navy military speakers, moderators, and panelists, and attendance at the event has been approved for all National Capital Region (local) Navy federal civilian employees and uniformed military personnel.

A memo released by acting Under Secretary of the Navy Terrence Emmert, dated 20 March 2025, says, "I approve the Department of the Navy's attendance at the Navy League's Sea-Air-Space Symposium, 6-9 April 2025, at National Harbor, Maryland."

Sea-Air-Space, the nation's largest maritime national security symposium, is critical, as it "provides a platform for the professional development of Department of the Navy personnel on the latest developments in naval warfare, as well as an opportunity for Navy engagement with representatives from a broad cross-section of government, industry, academia, and the international community." (GENADMIN released 24 MARCH 2025).

The Navy League of the United States, the host for Sea-Air-Space, is offering federal active-duty and civilian employees admission and transportation to the event, as well as one complimentary meal event. The Navy League also offers them discounted parking and meals for purchase at a discounted rate. Local bus services to and from the Gaylord National Harbor is also available for all federal civilian employees and uniformed military. Please see website, [www.seaairspace.org](http://www.seaairspace.org) for further details. Attendees not opting for these services are responsible for their own commuting costs to the event.

Newly confirmed 79<sup>th</sup> Secretary of the Navy, the Honorable John C. Phelan, will address Sea-Air-Space attendees on his priorities for the Department, including ways to revitalize U.S. shipbuilding, strengthen warfighting culture, and recruit America's best and brightest. Top speakers also include acting Commandant of the United States Coast Guard Admiral Kevin Lunday, Acting Chief of Naval Operations Admiral Jim Kilby,

and Commandant of the Marine Corps General Eric Smith.

To register for Sea-Air-Space, click [here](#).

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# HII Tops 700 REMUS Uncrewed Underwater Vehicles Sold

From HII, March 24, 2025

MCLEAN, Va., March 24, 2025 (GLOBE NEWSWIRE) – HII (NYSE: HII), America's largest shipbuilder and all-domain technologies and solutions provider, has sold more than 700 REMUS uncrewed underwater vehicles (UUVs) to customers globally, delivering the undersea advantage and expanding HII's lead as the world's largest producer.

"HII's investment in advanced undersea autonomy is yielding promising returns, most notably in demonstrating to our customers how this technology can be integrated to support their evolving and critical mission needs," HII President and CEO Chris Kastner said. "From mine countermeasures to anti-submarine warfare, REMUS continues to safeguard strategic waterways and enhance maritime security for the U.S. and its allies. The platform's longevity and adaptability reflect HII's dedication to providing reliable, cutting-edge solutions for global partners."

The REMUS UUV family delivers critical advantages across modern naval operations, including intelligence, surveillance, and reconnaissance (ISR), mine countermeasures, anti-submarine warfare, and electronic warfare. These autonomous systems can operate independently or teamed with crewed platforms – such as *Virginia*-class nuclear submarines – expanding operational

reach while reducing detection risk and personnel exposure.

More than 700 REMUS UUVs have been sold in over 30 countries, including 14 NATO members. Notably, over 90% of the vehicles delivered in the past 23 years remain operational, demonstrating the platform's durability and adaptability to evolving technologies.

An image accompanying this release is available at: <https://hii.com/news/hii-tops-700-remus-uncrewed-underwater-vehicles-sold-strengthening-americas-undersea-advantage/>.

HII is currently manufacturing small uncrewed undersea vehicles (SUUVs) for the U.S. Navy's Lionfish System program. The contract, potentially growing to 200 vehicles over five years, is valued at more than \$347 million. Based on the REMUS 300, the Lionfish System is a highly portable SUUV with open architecture, and modular payload options. In early 2022, REMUS 300 was the first Defense Innovation Unit competitive selection to transition to a program of record, selected as the U.S. Navy's Lionfish next-generation SUUV.

### **Proven Performance in Global Operations**

REMUS UUVs have been deployed in diverse operational environments, including mine clearance in the Persian Gulf, NATO exercises in the North Sea, and undersea surveillance in the Indo-Pacific. With advanced sonar and sensor technologies, these systems enhance situational awareness and provide naval forces with a tactical edge in contested environments.

As undersea threats evolve, HII remains committed to delivering next-generation autonomous solutions that strengthen operational effectiveness and sustain maritime dominance. The more than 700 REMUS vehicles sold reinforces HII's leadership in uncrewed systems and its role as a trusted partner in naval innovation.

### **Uncrewed Systems Enhancing Naval Operations**

In mine countermeasures missions, REMUS is instrumental in ensuring safe passage for naval and commercial vessels. The U.S. Navy has deployed REMUS in strategic waterways, including the Persian Gulf, the Baltic and Black Seas, while NATO allies have used the platform in joint exercises across the Mediterranean, the North Sea, and above the Arctic Circle.

Additionally, Uncrewed Systems state of the art production facility in Pocasset, Massachusetts utilizes modular and scalable manufacturing methods that will support an increased demand of multiple product lines. From the 300m SUUV to the 600m newly developed REMUS 620, both next generation modular UUVs were designed with ease of maintenance and payload swapping depending on the mission set.

As global undersea challenges intensify, REMUS continues to be a force multiplier – enhancing endurance, improving operational effectiveness, and maintaining dominance in the underwater battlespace. These uncrewed systems represent a pivotal shift in naval warfare, ensuring a technological advantage in future conflicts.

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## **HII's Ingalls Shipbuilding Celebrates Apprentice School Graduates**



From HII

PASCAGOULA, Miss., March 22, 2025 (GLOBE NEWSWIRE) – HII’s (NYSE: HII) Ingalls Shipbuilding division celebrated its newest class of apprentice graduates during a ceremony at the shipyard today. The event recognized the hard work and dedication of the graduates who have completed the three-to four-year program combining classroom instruction with hands-on shipbuilding experience.

Ingalls Shipbuilding President Brian Blanchette provided remarks at the ceremony and praised the graduates for their commitment and contribution to the company’s shipbuilding legacy.

“Completing the Ingalls apprentice program is no small feat and it reflects years of dedication, hard work and persistence,” Blanchette said. “The training our apprentices received wasn’t just about mastering skills like welding and fitting – it was about building the foundation for a career that will shape the future of this country and carry forward the legacy of excellence at Ingalls. Congratulations to this

year's apprentice graduates. Your work is strengthening national security, protecting lives and making history."

Photo accompanying this release are available at: <http://hii.com/news/hii-ingalls-shipbuilding-celebrates-apprentice-school-graduates/>.

The Ingalls Shipbuilding apprentice program is a competitive workforce development initiative designed to prepare future shipbuilders through specialized training in one of 15 registered Department of Labor apprentice programs. Since its inception in 1952, the program has produced more than 4,000 graduates who have gone on to support operations at Ingalls Shipbuilding and currently has over 600 students enrolled in the program.

Among this year's graduates was Overall Apprentice of the Year Cody Gildea, who has been training as an outside machinist.

Reflecting on his experience in the program, Gildea shared, "I've always enjoyed working with my hands and building things, and so having the opportunity to train as an outside machinist in the main engine area of the ship has been a great fit for me. The apprentice program has allowed me to experience different departments, develop my skills, and take pride in knowing that the work I do will help build the ships that will one day protect our country."

Upon entering the program, apprentices earn competitive wages and receive a comprehensive benefits package. This allows them to receive an education, build work ethic, gain experiences, and develop into world-class journeymen of their crafts.

As the largest manufacturing employer in Mississippi, Ingalls Shipbuilding has designed, built and maintained amphibious ships, destroyers and cutters for the U.S. Navy and U.S. Coast Guard for over 85 years. The Ingalls Apprentice School programs are recognized as the backbone of Ingalls' well-trained workforce and many graduates have gone on to hold

positions from pipe welders to senior executives.

For more information about Ingalls Shipbuilding's apprentice school visit [hii.com/careers/ingalls-apprentice-school/](https://www.hii.com/careers/ingalls-apprentice-school/).

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# Saildrone Launches in St. Pete for First Ocean Mapping Mission of Florida's Coastal Waters



## **Saildrone Launches in St. Pete for First Ocean Mapping Mission of Florida's Coastal Waters**

*Two Saildrone Voyager USVs have been deployed from St. Petersburg for the first time to map Florida's coastal waters within the continental shelf.*

From Saildrone, March 10, 2025

ST. PETERSBURG, Florida: Saildrone is launching two 10-meter Saildrone Voyager uncrewed surface vehicles (USVs) from its facility in St. Petersburg, FL, to begin a mapping mission as part of the [Florida Seafloor Mapping Initiative \(FSMI\)](#), a multiyear effort to provide statewide stakeholders with accessible, high-quality, and high-resolution seafloor data of Florida's coastal waters within the continental shelf.

At 2,170 kilometers long, Florida's coastline is second only to Alaska among US states. Many parts of the Florida coast remain unsurveyed, with existing nautical charts relying on outdated and low-resolution data. The goal of the Florida Department of Environmental Protection (FDEP) initiative is to provide updated mapping data of coastal systems, which is critical for protecting offshore infrastructure, habitat mapping, restoration projects, emergency response, coastal resilience, and hazard studies for the state's citizens.

"Saildrone is proud to support the Florida Seafloor Mapping Initiative with our unique and innovative Voyager USVs. As a member of the St. Petersburg community, we are excited to contribute to a project that seeks to improve our coastal resilience and enhance our ability to predict storm surge impacts by providing high-resolution bathymetry," said Brian Cannon, Saildrone VP Ocean Mapping. "Saildrone USVs efficiently and safely collect high-resolution bathymetric data while minimizing environmental impact."

Saildrone has been tasked with collecting high-resolution multibeam data in a region known as Middle Grounds. The mission, valued at \$1.66M, Saildrone will map 2,817 square kilometers of seafloor, approximately 130 kilometers northwest of St. Petersburg.

This is the first time that Saildrone has deployed Voyager USVs, equipped with NORBIT WINGHEAD i80s echo sounders for high-resolution mapping, and radar, AIS, and cameras for maritime domain awareness, out of Tampa Bay. In 2024,

Saildrone Voyagers were used to map a portion of the Gulf of Maine to identify deep-water coral habitat. In Florida, Saildrone has previously deployed Voyager USVs for the US 4th Fleet out of Key West and currently has a fleet of Voyager USVs operating in the Caribbean in support of Joint Interagency Task Force South (JIATF-S) and US Naval Forces Southern Command/US Navy Fourth Fleet (NAVSOUTH/FOURTHFLT).

FSMI builds on the efforts of the [Florida Coastal Mapping Program \(FCMaP\)](#), an initiative led by federal and Florida state agencies and other community stakeholders to promote the need for a comprehensive high-resolution seafloor data set of Florida's coastal waters by 2028. The data will be available to update navigational charts and identify navigation hazards, provide fundamental baseline data for scientific research, and provide information for use by emergency managers and responders.

The data Saildrone collects will help better understand Florida's coastal vulnerability and hurricane impact, evaluate the performance of restoration projects, and support ongoing coastal resilience efforts and flood risk mapping.

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## **President Says Military Recruiting Up, So Too Will Be American Shipbuilding, 'Golden Dome'**

March 5, 2025 | By C. Todd Lopez, DoD News

During his first address to a joint session of Congress, March

4, 2025, President Donald J. Trump said that the changes he's made since his inauguration in January have enhanced recruiting within the U.S. military in ways that haven't been seen in years.

On his first day in office, the president signed an executive order ending diversity, equity and inclusion programs across the federal government. Less than a week later, newly sworn-in Defense Secretary Pete Hegseth drafted a message to the force that mirrored the president's words, saying he would rebuild the U.S. military with a focus on lethality, meritocracy, accountability, standards and readiness.

"Our service members won't be activists and ideologues," Trump said. "They will be fighters and warriors. They will fight for our country."

The president said the result of his executive order has filtered down into the armed forces, putting a new focus on merit and spurring renewed interest in serving.

"I am pleased to report that in January, the U.S. Army had its single best recruiting month in 15 years and that all armed services are having among the best recruiting results ever in the history of our services," Trump said. "What a tremendous turnaround. It's really a beautiful thing to see people love our country again ... they love our country, and they love being in our military again."

The president also said the United States will pursue a "Golden Dome," similar to Israel's own "Iron Dome" defense system, which is designed to protect against inbound missile attacks.

"My focus is on building the most powerful military of the future," Trump said. "As a first step, I'm asking Congress to fund a state-of-the-art, 'Golden Dome' missile defense shield to protect our homeland – all made in the USA."

The president said that President Ronald Reagan had wanted to build a similar system during his term, but the technology wasn't available at the time to bring that project to fruition. But now, he said, that technology exists.

"Israel has it, other places have it, and the United States should have it, too," he said. "This is a very dangerous world. We should have it. We want to be protected. And we're going to protect our citizens like never before."

Trump also promised an expansion of American shipbuilding in order to support both the U.S. military and the commercial sector. American shipbuilding is at a low point today, but the president promised new efforts to increase America's shipbuilding efforts.

"We are also going to resurrect the American shipbuilding industry, including commercial shipbuilding and military shipbuilding," Trump said. "I am announcing tonight that we will create a new Office of Shipbuilding in the White House and offer special tax incentives to bring this industry home to America, where it belongs."

The president said the U.S. once had a great domestic shipbuilding industry, which has largely died down now. That will change, he promised.

"We used to make so many ships. We don't make them anymore, very much," he said. "But we're going to make them very fast, very soon."

The president also said he planned to take action to expand domestic production of rare earth elements, which are critical to U.S. defense.

"Later this week, I will also take historic action to dramatically expand production of critical minerals and rare earths here in the USA," he said.

Rare earth permanent magnets, for instance, are not only essential components in a range of defense capabilities, including the F-35 Lightning II aircraft, Virginia and Columbia class submarines and unmanned aerial vehicles, but are also a critical part of commercial applications in the United States. They are also used to generate electricity for electronic systems in aircraft and focus microwave energy in radar systems.

Finally, Trump said that the mastermind behind the terrorist attack at Abbey Gate during the August 2021 withdrawal from Afghanistan has been captured. Some 13 American service members were killed during that attack.

“I am pleased to announce that we have just apprehended the top terrorist responsible for that atrocity, and he is right now on his way here to face the swift sword of American justice,” Trump said.

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## **General Atomics Acquires North Point Defense**

From General Aomics

SAN DIEGO – March 3, 2025 – General Atomics (GA) today announced the strategic acquisition of North Point Defense, Inc. (NPD), a leading provider of Signals Intelligence (SIGINT) exploitation software and sensor integration, by General Atomics Integrated Intelligence, Inc. (GA-III), formerly known as General Atomics Commonwealth Computer Research, Inc. This acquisition enhances GA’s capabilities in the rapidly evolving SIGINT field, positioning the company to deliver advanced ISR solutions for air, sea, ground, and space

platforms.

From concept to deployment, NPD delivers AI/ML-based autonomous signal processing and data dissemination solutions providing real-time actionable intelligence, supporting tactical and national mission priorities. "Joining GA represents an incredible opportunity to enhance our impact in delivering cutting-edge SIGINT solutions in support of national and tactical users," said Bruce Benenati, President of NPD. "As part of a mission-focused organization with a proven track-record in tactical intelligence across the DoD and IC, we can accelerate innovation and deployment at scale. The integration gives our team access to unmatched operational expertise, resources, and a broader customer base. Together, we are poised to deliver even greater capabilities to those who depend on us in the field."

GA-III is committed to providing a comprehensive suite of "out-of-the-box" hardware and software tools to meet mission requirements and expand the innovative intelligence capabilities within the GA group of companies. "The integration of NPD technologies into a division of GA-III is a strategic shift, enhancing GA's ability to innovate rapidly and provide greater value to customers with end-to-end ISR solutions that are more efficient, effective, and technologically advanced." said Brian Ralston, President of GA-III.

Baird served as the exclusive financial adviser and Miles & Stockbridge acted as legal counsel to North Point Defense on the transaction.

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# Insitu Awarded \$102 Million for ScanEagle, Blackjack UAS



ScanEagle UAV. (Insitu)

BINGEN, Wash., Feb. 18, 2025 – Insitu Inc., Bingen, Washington, is awarded a \$102,353,293 modification (P00007) to a previously awarded firm-fixed-price, indefinite-delivery/indefinite-quantity contract (N0001922D0038).

This modification increases the contract ceiling to procure 21 RQ-21A Blackjack air vehicles and 47 ScanEagle air vehicles, as well as associated payloads, turrets, support equipment, spares, tools, and training for both Unmanned Aircraft Systems in support of intelligence, surveillance, and reconnaissance for the Navy, Foreign Military Sales customers, and other international business partnership capacity efforts.

Work will be performed in Bingen, Washington (88%); and various locations outside the continental U.S. (12%), and is expected to be completed in June 2026. No funds will be obligated at the time of award; funds will be obligated on individual orders as they are issued. This modification was

not competed. Naval Air Systems Command, Patuxent River, Maryland, is the contracting activity.

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# **SENEDIA Continues to Strengthen Defense Workforce**

*Real Jobs RI Grant Supports Rhode Island's \$7.6 Billion Defense Industry*

From SENEDIA, Jan. 23, 2025

MIDDLETOWN, R.I. – SENEDIA, the alliance for defense tech, talent, and innovation, announced today a \$200,000 grant to continue their highly-successful Defense Partnership Program. The program, administered through Real Jobs RI, connects job seekers with direct hire, internship, and training opportunities in the defense sector, which represents more than 34,000 jobs and \$7.6 billion in economic output in Rhode Island.

“Real Jobs is critical to our efforts to fortify national security and grow the defense industry, an essential part of the economy in Rhode Island and across the region,” said Molly Donohue Magee, chief executive officer of SENEDIA. “The meaningful skill-building, on-the-job experience, and job search support we foster through this program ensures a strong defense workforce for today and tomorrow.”

Real Jobs RI has supported the Defense Partnership Program since 2016, enabling training and job placements in high-wage, high-growth, high-demand careers in defense, including IT and cybersecurity, engineering/science, supply chain management, technology, and business support. In 2024, the program placed

more than 60 applicants into good-paying jobs and facilitated employment support for more than 100 candidates, including resume and interview prep, direct outreach to employers, internship opportunities, and technical certifications.

“Defense is a key part of the Rhode Island economy, and its impact reverberates across many other industries,” said Matthew Weldon, director of the Rhode Island Department of Labor and Training that oversees the Real Jobs RI program. “Connecting Rhode Island companies with talented and skilled workers – from recent high school graduates pursuing rewarding careers to mid-career professionals looking to leverage new skills – is a win for the employer, for the candidate, and for our state.”

The Defense Partnership Program builds on SENEDIA’s broader portfolio of workforce development and industry advocacy. Through the Department of Defense sponsored New England Submarine Shipbuilding Partnership, SENEDIA has facilitated the training of more than 5,100 people for employment opportunities in Rhode Island and has strengthened the talent pipeline across the K-12, higher education, and advanced training levels.

Building a strong workforce pipeline is essential to sustaining and growing the industry. According to [SENEDIA’s 2023 Economic Impact Report of the Defense Cluster in New England](#), defense represents more than 10 percent of the state’s economy and generates \$3 billion in labor income for Rhode Island workers. Across the region, the sector accounts for \$119.1 billion in economic output, more than 407,000 jobs, and more than \$40 billion in income.

To learn more about hosting an intern or pursuing an internship through SENEDIA, visit [www.SENEDIA.org/internships](http://www.SENEDIA.org/internships). Candidates interested in direct hire opportunities can visit [www.SENEDIA.org/defense-careers](http://www.SENEDIA.org/defense-careers), or view defense-related job openings from SENEDIA member companies at

# Skydweller Aero Continues Autonomous Flight Tests with Operational Military Payloads



From Skydweller Aero, Dec. 16, 2024

OKLAHOMA CITY | 16 December 2024 – Skydweller Aero Inc., a global leader in Perpetual Flight® uncrewed solar aircraft (USA), continues its Autonomous Maritime Patrol Aircraft (AMPA) flight tests of the Skydweller unmanned aerial system

(UAS) with operational military payloads integrated onboard.

“Skydweller is equipped with a variety of sensor systems and is conducting flight tests out of Stennis International Airport in preparation for operations during 2025,” said Dr. Robert Miller, CEO and Co-founder of Skydweller Aero. “The resilience and robust design of our aircraft allow us to operate a multi-INT sensor suite of payloads throughout the winter, and we expect to conduct multi-day demonstrations in early 2025 over operationally relevant areas.”

These flights build upon Skydweller Aero’s successful autonomous flight trials conducted in late summer and fall 2024. Despite the challenging Gulf Coast weather—including two hurricanes—the company completed six flights between August 22 and September 22, four of which were fully autonomous. The longest missions lasted 16 and 22.5 hours respectively, demonstrating the aircraft’s operational effectiveness over land and offshore environments, as well as at altitudes of up to 33,000 feet.

“The aircraft maintained an impressive operational tempo, flying on average one mission every five days,” Dr. Miller added. “This performance showcases the reliability and ease of maintenance of our platform.”

Operating amid peak Atlantic hurricane season, Skydweller’s Flight Operations, Weather Scientists, and Ground Support teams worked together to fine-tune the aircraft’s autonomous capabilities, ensuring a rapid response to shifting weather conditions.

“Flying in close proximity to Mississippi thunderstorms

allowed us to test and enhance our weather-avoidance systems. Skydweller's ability to navigate these conditions highlights its operational value, especially in tropical regions during hurricane and typhoon seasons." explained Dr. Miller. "This ability to navigate around dynamic weather patterns is vital for missions that require flight in challenging environments; avoiding sudden thunderstorms is similar to evading air defenses."

"And unlike many other uncrewed aircraft, we are not limited to clear-sky operations in controlled environments, like the Arizona or New Mexico deserts, but will operate in operationally relevant theaters," he added.

The Skydweller is distinguished by its durable design, exceptional payload capacity and substantial power output for mission-critical systems, offering kilowatts of continuous power for payloads. This unique combination enables Skydweller to undertake extreme duration missions across diverse and challenging environmental conditions.

"Skydweller's capabilities have been consistently validated through rigorous flight testing, achieving significant milestones without any safety incidents," said Barry Matsumori, President & COO of Skydweller Aero. "By leveraging our team's deep expertise in aeroelastics, flight control systems, mission systems, and autonomy, we are developing what we believe to be the world's first operationally viable perpetual flight platform—designed to serve the needs of both government and commercial markets."