

Veterans Day 2025 will be final display of AV Vietnam Memorial

by Dennis Anderson

special to Aerotech News

PALMDALE, Calif. — The team that presents the Antelope Valley Vietnam Memorial is already preparing for the monument's final public display during the Veterans Day holiday period at the Marie Kerr Park Amphitheater.

The final display coincides with the conclusion of the National Vietnam 50th Commemorative, a Department of Defense activity which has awarded special recognition to the Antelope Valley Vietnam Memorial.

"It's bittersweet, but it's time," said Michael Bertell, the Vietnam combat veteran of the 101st Airborne Division who heads up the "AV Wall" citizen support committee.

It may seem to have just finished its Memorial Day run in neighboring Simi Valley, but display of the memorial, known locally as "The AV Wall" take months of preparation, according to Stacia Nemeth, Treasurer and Volunteer Coordinator for the AV Wall Committee.

"We start planning about a year out," Nemeth said. "We have to do that in order to ensure that the public has the maximum benefit of a visiting experience."

The memorial is the half-scale replica of the national Vietnam Memorial, one of the most visited sites on the National Mall in Washington D.C. Like the original, the AV Wall has the names of all 58,281 Americans who were killed in Vietnam during the United States' active engagement in combat.

The AV Wall debuted for public presentations at Veterans Day in 2009. Its final display by the group that has presented it for more than 15 years will be at the Amphitheater at Marie Kerr Park in Palmdale. It has been visited and treated as a healing experience for Vietnam veterans, family members, and education for youth organizations and the public.

The final display of the AV



Wall will take place from Nov. 8 through Nov. 11, Veterans Day observed, with the monument coming down at Marie Kerr Park on Nov. 12. The field of veteran organizations supporting the series of events ask the public to mark calendars for Opening Ceremony of the final display on Saturday, Nov. 8, 2025, at 4 p.m.

"This will be its 25th public presentation," Nemeth said, noting the memorial has presented at Marie Kerr Park more than any other location, as well as locations across Southern California.

The AV Wall is one of five traveling Vietnam Memorial Walls in the United States, and the only one based on the West Coast.

It is the only 100 percent, volunteer-run traveling memorial wall. It has been staged and supported by a dedicated local community, sponsors, donors, and volunteers, according to Linda Willis, one of the founders of the Antelope Valley grassroots project to build the local Vietnam Memorial.

Willis, and volunteers from the

Palmdale Playhouse partnered with local Vietnam War veterans more than 20 years ago to initiate the project after multiple showings of a drama performed at the Playhouse titled "A Piece of My Heart."

"We had seen the national traveling Vietnam wall memorials come to the Antelope Valley, at Palmdale and Lancaster, and we said, 'Why don't we build a wall of our own?'" said Bertell, one of the founders of the project.

"We really didn't know what we were getting into," he said, chuckling.

Bertell and a small team of Vietnam veterans that included George Palermo, Gerry Rice, Glen Nester and others formed the core group, aided by community supporters from the Playhouse and veterans groups.

City leadership at Palmdale and Lancaster made initial seed donations, as well as most of the longtime veteran service organizations in the Valley such as the

— See **MEMORIAL**, on Page 2



Courtesy photos



Mojave hosts 2025 CSUAS competition

Courtesy MASP newsletter

The skies above Rutan Field at the Mojave Air and Space Port buzzed with innovation, June 7, 2025, as students from around the world gathered for the annual California Unmanned Aerial Systems Competition (C-UASC), hosted by California State University, Los Angeles (Cal State LA) and the Mojave Air and Space Port.

Set against the dramatic backdrop of one of America's most iconic aerospace testbeds, this year's competition brought together bold ideas, brilliant minds, and boundary-pushing aircraft designs.

The challenge? Develop an unmanned autonomous system capable of autonomous flight, waypoint navigation, object detection and localization, and precision air delivery. From rotocopters to fixed-wing vehicles, each entry faced rigorous reviews and real-world mission demonstrations — testing not only technical excellence but also creativity and strategic thinking.

2025 Competition Highlights

- **Design & Innovation Competition Winner:** IIT-Bombay Rakshak, honored for their cutting-edge engineering and systems integration.

- **Flight Competition Champion:** Cal State LA Hexwing, demonstrating top-tier autonomous performance and mission accuracy.

- **Strong Showings:** Cornell CUAir claimed second in both categories, while Cal Poly and San Diego State earned honorable mentions in the flight challenge, underscoring the talent across all participating institutions.

With contenders from CSU Bakersfield, Cal Poly SLO, San Diego State, Cal State LA, Cornell University, and IIT-Bombay, this year's C-UASC proved once again that the future of aerospace is global, collaborative, and deeply driven by student ingenuity. More than a contest, C-UASC continues to be a launchpad for ideas, connections, and careers. Whether designing



mission-ready UAVs or navigating complex flight routes, these students are not only meeting the challenge — they're shaping the future of autonomous aviation.



Courtesy photos

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American Legion and Veterans of Foreign War posts.

Finally, when it looked as if the five-year project might peter out during the Great Recession of 2008, Bertell said, "I think with as much work as we have put in on it, we should give it one more try."

A local magazine publisher, Linda Santana, suggested that Antelope Valley schools might want to participate in fundraising. Of the monument's construction cost of \$102,000, more than \$20,000 arrived at the end of the drive in the form of pennies, nickels and dimes from schoolchildren of the Valley.

For nearly 10 years, the AV Wall has been an integral element of the national 50th Commemoration of the Vietnam War underwritten by the Department of Defense,

and the group has been recognized for its participation.

With 2025 marking 50 years since the end of the Vietnam War, official 50th Commemoration activities are also winding down. So, too, must the veterans of the guardianship of the AV Wall, the volunteers of the Point Man Antelope Valley talking ministry.

The vast majority of those who served during the Vietnam War Era that ended in April 1975 are in their 70s now, with many past the 80-year mark. Setting up the 70-plus panels of the portable wall and all the components that travel with it has gotten done with a team of volunteers that is aging out of doing the kinds of construction activities the AV Wall requires.

Invitations are already going out to Antelope Valley veterans service organizations, to the city councils of Palmdale and

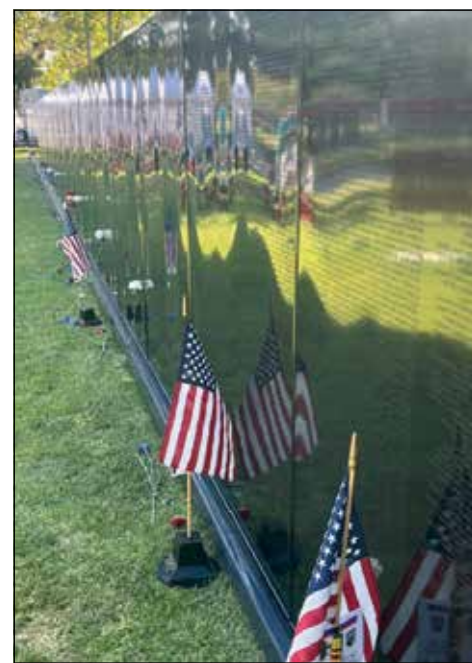
Lancaster, and to area elected officials, including Congressman George Whitesides, Los Angeles County Supervisor Kathryn Barger, state Sen. Suzette Valladares, and the area's two Assemblymen, Tom Lackey and Juan Carrillo.

In 2015 the name was changed to The Mobile Vietnam Memorial Wall, but is affectionately known as The AV Wall, because of its origination in The Antelope Valley.

The Memorial is updated annually based on information provided from the Department

of Defense. Signs + Designs in Palmdale made the changes until 2020. Heritage Signs updated the Wall in 2025.

Information about final display of the Antelope Valley Vietnam Memorial can be found at www.avwall.org or by contacting Nemeth at 661-810-4007.



Courtesy photo



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15th Annual 5K Run for Darkhorse Marines and Joey Lopez-Pratti

by **Dennis Anderson**
Special to Aerotech News

ROSAMOND, Calif. — A sign on State Route 14 driving north or south from the Edwards base road dedicates a stretch of the highway to Joey Lopez-Pratti and the “Darkhorse Marines” of the Third Battalion, 5th Regiment, a hard fighting, hard luck unit that took the most casualties of a single deployment in Afghanistan.

For the 15th year running, about 200 runners, many of them veterans and some of them active service, gathered about 15 miles west of the Edwards Air Force Base West Gate to run in honor of an Antelope Valley Marine who was killed in Afghanistan in 2010 with the hardest his unit in that long running war.

If he had lived, Joey Lopez-Pratti would be nearly 40. Joey Lopez-Pratti served with the “Darkhorse Marines.” Their deployment in the Helmand Province of Afghanistan was brutal. It was recounted in Marine veteran historian Bing West’s book, “The Million Steps March.”

The “Darkhorse Marines” lost 25, killed in ferocious counter-insurgency combat, and 300 more were wounded, mostly by improvised explosive devices.

Arthur “Art” Pratti recounted the tragedy of his brother’s unit.

“Fifteen years ago, the 3rd Battalion, 5th Marine Regiment was deployed to Sangin District, Helmand Province, Afghanistan.”

He recited the numbers of dead and wounded, adding, “No other unit in Afghanistan suffered more loss than the 3/5. That doesn’t include the Marines we have lost since returning home.”

Among those attending this year’s race was Gretchen Catherwood, mother of Marine Alec Catherwood, among those killed with Joey. Alec Catherwood was 19 years old.

With her husband, Kirk, Gretchen Catherwood founded the Darkhorse Lodge in Springville, Tenn., to provide a refuge for warriors returned from the war.

The Lodge, Art Pratti said, is “a place to rest. A place to heal, a place veterans can feel they are seen.”

The run is organized to raise funds for the Darkhorse Lodge. For information see www.darkhorselodge.org.

Americans, with the long war in Afghanistan receding into the past, may not understand why the United States carried the fight to the landlocked, mountainous country that Osama bin Laden used as a base to launch the 9/11 terrorist attacks.

But Gretchen Catherwood, Alec’s mother, joined by Tracy Pierce-Pratti, Joey’s mother, wants the young warriors who came



Photograph by Dennis Anderson



Photograph by Dennis Anderson

The “Run for Joey” has started at Rosamond High SCHOOL 15 years running.

home to understand how they see it. Their sons did not “die for nothing.” They fell trying to save their brother Marines.

Joey was a son of the Pratti family, and a son of Rosamond. He was 24 years old when he was killed in a devastating ambush set by the Taliban in the Afghanistan province of Helmand.

So May 31, less than a week after Memorial Day, was the 15th annual “Run for Joey,” the 5K run organized to honor the young Marines memory, and to raise funds for Marines who survived but brought memories of the war and their fallen brothers home with them.

Jin Hur, father of Lopez-Pratti’s surviving Marine brother Richard Hur, was out at Rosamond High school with his Coffee4Vets volunteer team, serving breakfast burritos well known to the Crazy Otto’s Restaurant fan base. The Hurs are part of the Darkhorse family, but the run has

many other prominent sponsors.

Joey was one of the first killed in “The Million Steps March.” The Marines, most of them new to combat, arrived in an area thick with seasoned Taliban fighters who had been battling for years. Joey and Richard Hur were among those trapped in the devastating ambush.

There is no use trying to describe it, except that Marines attempting to shift out of a crossfire found themselves moving into a refuge laced with boobytraps.

But even in his last hours, Joey knew who he was, and he knew where he was going, deathtrap ambush notwithstanding.

Before the 200 runners departed into the hillside trails that Joey used to run on when he was getting ready to join the Marine Corps, his nephew read aloud Joey’s last text to the man he knew as his father, Arthur Pratti Sr.

Standing tall in his Air Force Jr. ROTC uniform, Jax Pratti read

his uncle’s last words in this life sent via text from the Marine base at Camp Leatherneck.

“Hey dad I’m flying out of Leatherneck tonight to my area of operation so this is the last time I’ll be texting you. I have been reading the Bible every day and talking to God every day and it’s been helping me a lot so far.”

“If for some reason something happens to me and I don’t come home make sure Mom understands I have a relationship with God now and I’m ok.”

The Air Force Jr. ROTC cadets presented the colors with a precision that would have done the Marine Corps proud. The family’s spiritual advisor, Pastor Charles Wallis, was there, along with the California Cadet Corps — an array of groups trying to point young people to the right path.

Among those mourned and missed was Joey’s father in life. Arthur Pratti, who was 62, died soon after the 5K run in 2023. He



Courtesy photograph

Marine Joey Lopez-Pratti with his mother Tracy before 2010 deployment to Afghanistan.

was one of the founding organizers of the event.

Arthur Pratti Jr., Joey’s brother, thanked the runners for showing up over so many years. Funds from the run are donated to the “Darkhorse Lodge,” a retreat for troops who need rest and refuge from the traumas that combat often inflicts.

“I want to thank the people who make this event possible,” Joey’s brother, Art, said. “We wouldn’t be able to offer shirts, medals, or keep this race so affordable.”

He added, “Pastor Charlie (Wallis), you are the heart of this event. We love you, and we thank you deeply.”

His father, Arthur Pratti Sr., who was the only father Marine son Joey ever knew was “the soul of the event.”

With that, the runners began their race into the sagebrush hills where Joey trained to be a Marine.

Editor’s note: Dennis Anderson is a licensed clinical social worker at High Desert Medical Group. An Army veteran, he works on veteran’s issues and community health projects and has served on the Los Angeles County Veterans Advisory Commission.

Scaled Composites swiftly transforms Model 437 to support Beacon™ autonomy initiative

MOJAVE, Calif. — Scaled Composites is partnering with Northrop Grumman on the recently announced Beacon autonomous testbed ecosystem, which leverages the Model 437 as an airborne test platform.

The Model 437 first flew Aug. 29, 2024, successfully demonstrating Northrop Grumman’s digital engineering tools and processes with the Digital Pathfinder wings. In just 21 months, this clean-sheet aircraft went from start of detailed design to first flight. Following the Digital Pathfinder demonstration in 2024, Scaled transitioned to significant aircraft modifications to support Beacon integration on the Model 437.

“Modifying the Model 437 on such a short timeline reflects Scaled’s ability to design, build, test — and in this case modify — at the pace of innovation,” said Greg Morris, president of Scaled Composites. “This speed and agility is why we are an ideal partner to flight test industry-

leading autonomy solutions, enabling capabilities development at an unrivaled pace. This partnership facilitates rapid technology evolution to accelerate mission autonomy into the hands of our warfighters.”

Scaled Composites has extensive experience employing demonstrators to evolve low technology readiness level solutions and emerging technologies in a flying environment. Scaled’s dedicated team, and experience in integrating and testing novel solutions, will enable rapid maturation of autonomy within the Beacon ecosystem.

Founded in 1982 by Burt Rutan, Scaled Composites has averaged the first flight of a unique, new airplane per year, challenging the future of aerospace with each design, build, and test. A one-stop shop for rapid innovation of aerospace concepts, Scaled Composites excels at development, research flight testing, and the pursuit of breakthroughs.



Courtesy Scaled Composite



Pastor Paul Chappell



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Northrop Grumman photograph

NG leverages advanced tech to build all three F-35 variant center fuselages

PALMDALE, Calif. — Northrop Grumman manufactures center fuselages for all three variants of the F-35 Lightning II stealth fighter at its Integrated Assembly Line (IAL) in Palmdale, Calif. Employing advanced manufacturing technologies, the IAL delivers one F-35 center fuselage every 30 hours to meet U.S. and international customer needs. The IAL came online in 2011 and has enabled Northrop Grumman to deliver over 1,400 center fuselages for the F-35 program. Northrop Grumman is a principal partner and teammate on the F-35 Lightning II industry team, that is developing, producing and sustaining three variants of this stealthy, supersonic, multirole fighter aircraft.s

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U.S. Air Force Test Pilot School graduates second fully integrated air and space class

Edwards AFB, Calif. — The Air Force Test Pilot School at Edwards Air Force Base, Calif., celebrated the graduation of Class 24B on June 7, 2025, marking a significant milestone in the development of multi-domain test leaders.

This class is the second to complete the fully integrated air and space curriculum, a testament to the school's ongoing modernization efforts to meet the demands of a complex and evolving battlefield.

The graduates of Class 24B, comprising of the nation's top pilots, remotely piloted aircraft operators, combat systems officers, air battle managers, flight test engineers, and space test engineers, endured a rigorous 49-week curriculum. Their training culminated in the first-ever multi-domain test management project, challenging them to plan and execute a complex test program across both flight- and space-based assets. This groundbreaking project underscores the school's commitment to producing test professionals capable of evaluating the integrated systems that will define future conflict.

In another historic first for the school, an enlisted member graduated from the intensive one-year space course, a testament to the evolving nature of the test enterprise and the critical role of enlisted test leaders. Furthermore, Class 24B was the first to travel to Stanford University to study fundamentals of artificial intelligence and machine learning as part of a broader initiative to integrate data-driven test methodologies throughout the curriculum.

The class also studied key elements of test leadership, engaging with combatant commands, Weapons School, and operational and developmental test teams to understand the technological and strategic contexts which will shape their test programs. These initiatives are designed to equip graduates with the technical expertise, contextual awareness and leadership acumen necessary to accelerate capabilities to the warfighter.

Air Force Test Pilot School alumni Roger Tanner, class 95-Alpha, speaks at the class 24-B graduation ceremony at Edwards. Over the past 30 years, Tanner's expertise in stall and spin testing has been a critical asset to the test enterprise. In 2001 he became the first Department of Defense civilian test pilot at Edwards Air Force Base. Since then, he has served as project pilot, safety and technical reviewer on numerous high angle of attack programs for the F-16, F-22, F-35, F-15 and T-7 aircraft.

Class 24B honored Tanner with the



Air Force photograph by Brandon Hernandez

Students from Air Force Test Pilot School class 24-Bravo pose for a final class photo during graduation ceremonies held at Edwards Air Force Base, Calif., June 7, 2025. Class 24B is the second fully integrated air and space course under modernized multi-domain curriculum.

distinguished alumnus award as a graduate of TPS Class 95A.

A highlight of the ceremony was the presentation of the inaugural Doolittle Test Leadership Award. Named in honor of Gen. James "Jimmy" Doolittle, the famed Air Force pioneer and former chief test pilot of the Army Air Corps, the award recognizes a recent TPS graduate who best exemplifies the four pillars of the school's vision: "tester, leader, thinker, innovator."

Capt. Gregory Search, graduate of Class 22B, was honored as the first recipient of the award. Capt. Search currently serves as Assistant Director of Operations at the 452nd Flight Test Squadron at Edwards. In this role, he leads multi-billion-dollar test programs with significant strategic impact and has trailblazed the development of cutting-edge autonomous aircraft.

"The graduates of Class 24B have led the way on multiple fronts over the last year, from successfully executing the first multi-domain test project at TPS, to inaugurating data-driven test education with Stanford and formally preparing for test leadership with several intensive case studies," said Col. James Valpiani, commandant, Air Force Test Pilot School. "They are well prepared to rapidly develop our nation's most advanced and complex systems for the warfighter. The TPS staff and I look forward to the transformative effect they will have across the flight and space test enterprises."

Class 24B student, Capt. Connor Beierle, was also recognized during

the ceremony with the Aaron "C-Dot" George Warrior Award, awarded to a single student each class who exemplifies the warrior-focused commitment to fielding the most effective weapon system.

The graduates of Class 24B will now move on to key assignments across the Department of Defense and allied nations, where they will play a critical role in the development and fielding of next-generation air and space systems.

Class 24B Graduates:

Maj. Theodore Adams, Experimental Test Pilot
Capt. Connor Beierle, Experimental Test Pilot
Capt. Matthew Claffey, Experimental Test Pilot
Maj. Austin Crockett, Experimental Test Pilot
Capt. Michael Crump, Experimental Flight Test Engineer
Capt. Eryn Daman, Experimental Space Test Engineer
Maj. Liad Dover, Experimental Flight Test Engineer
Capt. Jeremy Ellsworth, Experimental Flight Test Engineer
Maj. Brian Erickson, Experimental Space Test Engineer
Capt. Jacob Gill, Experimental Test Pilot
Capt. Cameron Greer, Experimental Flight Test Engineer
Lt. Christopher Hamilton, Experimental Test Pilot
Capt. Grayson Harber, Experimental Flight Test Engineer

Lt. Benjamin Ho, Experimental Space Test Engineer
Capt. Joshua Lewis, Experimental Space Test Engineer
Bryan Mann, Experimental Space Test Engineer
Lucas McLeland, Experimental Space Test Engineer
Capt. Ernest McQuade, Experimental Test RPA Pilot
Staff Sgt. James Mejia, Experimental Space Test Engineer
Maj. Chet Miller, Experimental Test Pilot
Capt. Connor Paw, Experimental Space Test Engineer
Keith Peskosky, Experimental Flight Test Engineer
Capt. Bradley Radabaugh, Experimental Flight Test Engineer
Capt. Matthew Rofrano, Experimental Test Pilot
Capt. Brendan Ruchlin, Experimental Space Test Engineer
Capt. Aaron Runnells, Experimental Flight Test Engineer
Maj. Tyson Rydalch, Experimental Test Pilot
Capt. Maximiliano Salinas, Experimental Test Pilot
Maj. Jesse Snook, Experimental Test Air Battle Manager
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Maj. Caleb Whitlock, Experimental Test Pilot
Maj. Charles Wilson, Experimental Test Pilot

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Modernization mission continues as TPS welcomes new commandant

by Master Sgt. Tabatha Arellano
Edwards AFB, Calif.

The Air Force Test Pilot School welcomed their newest commandant during the change of command ceremony, June 13, 2025, when Col. James Valpiani relinquished command to Col. Maryann Karlen, former Air Force Test Center deputy commander.

Maj. Gen. Scott Cain, AFTC commander, officiated the event.

“The TPS modernization under Colonel Valpiani’s leadership has postured our community to develop the test leaders we need to achieve the AFTC strategy, to act as an integrating center, to be the stewards of the digital thread, and to lead in test and capability development. I’m confident TPS will continue to produce testers, leaders, thinkers and innovators who can shift the tide of future conflicts,” said Cain.

During his remarks, Cain highlighted Valpiani’s achievements at TPS, commended his leadership, and expressed confidence in his future contributions.

“It has been a profound honor to lead the men and women of the USAF Test Pilot School during this critical period of change,” said Valpiani. “I’m proud of what we’ve accomplished together to advance our mission and prepare the next generation of test leaders. I’m deeply grateful to the incredible staff, students, alumni and community partners who embraced this vision and worked tirelessly to make it a reality. Their dedication has been the driving force behind the school’s success.”



Air Force photographs by Master Sgt. Tabatha Arellano

Maj. Gen. Scott Cain, Air Force Test Center commander, passes the guidon to Col. Maryann Karlen, Test Pilot School commandant, during the change of command ceremony at Edwards Air Force Base, Calif., June 13, 2025. The event marked a new chapter in TPS leadership and ongoing innovation.

Cain also presented Valpiani with the Legion of Merit during the event.

“There is no one more qualified to take the guidon than Colonel Karlen. She was a key architect of this strategic plan before she left for her current assignment, and she understands its ‘why’ better than anyone,” Valpiani said. “Her return ensures that the vision we forged together will be executed with force and clarity. The

future of the school is in exceptionally capable hands.”

During Valpiani’s tenure, TPS underwent its most transformational modernization in decades, launching a data-driven curriculum, establishing a space test course, and integrating cutting-edge autonomy into flight operations. His leadership positioned the school as a national leader in test education, earning recognition as a Collier Trophy runner-up and expanding its reach across nearly 30 air and space career fields.

As AFTC’s deputy commander, Karlen supported a \$31-billion enterprise spanning more than 19,000 people across 30 geographically separated units. She oversaw developmental test and evaluation efforts for cutting-edge air, space and cyber systems, in collaboration with military, government and international partners.

“When I look at the caliber of students we have at the school, I am not only humbled to have them in my charge, but confident that the future of our enterprise, of our craft, is in good hands,” said Karlen. “As TPS continues to evolve, it remains the heart of our enterprise, connecting our past, present and future, and I am honored to take command.”

Both Cain and Valpiani emphasized Karlen’s background and leadership strengths, underscoring why she’s the ideal choice to lead the school forward.

“I’m excited to see Col. Karlen build on TPS’s historic transformation,” said Cain. “Her vision and passion for TPS will no doubt make the next generation of test leaders even better than the last.”

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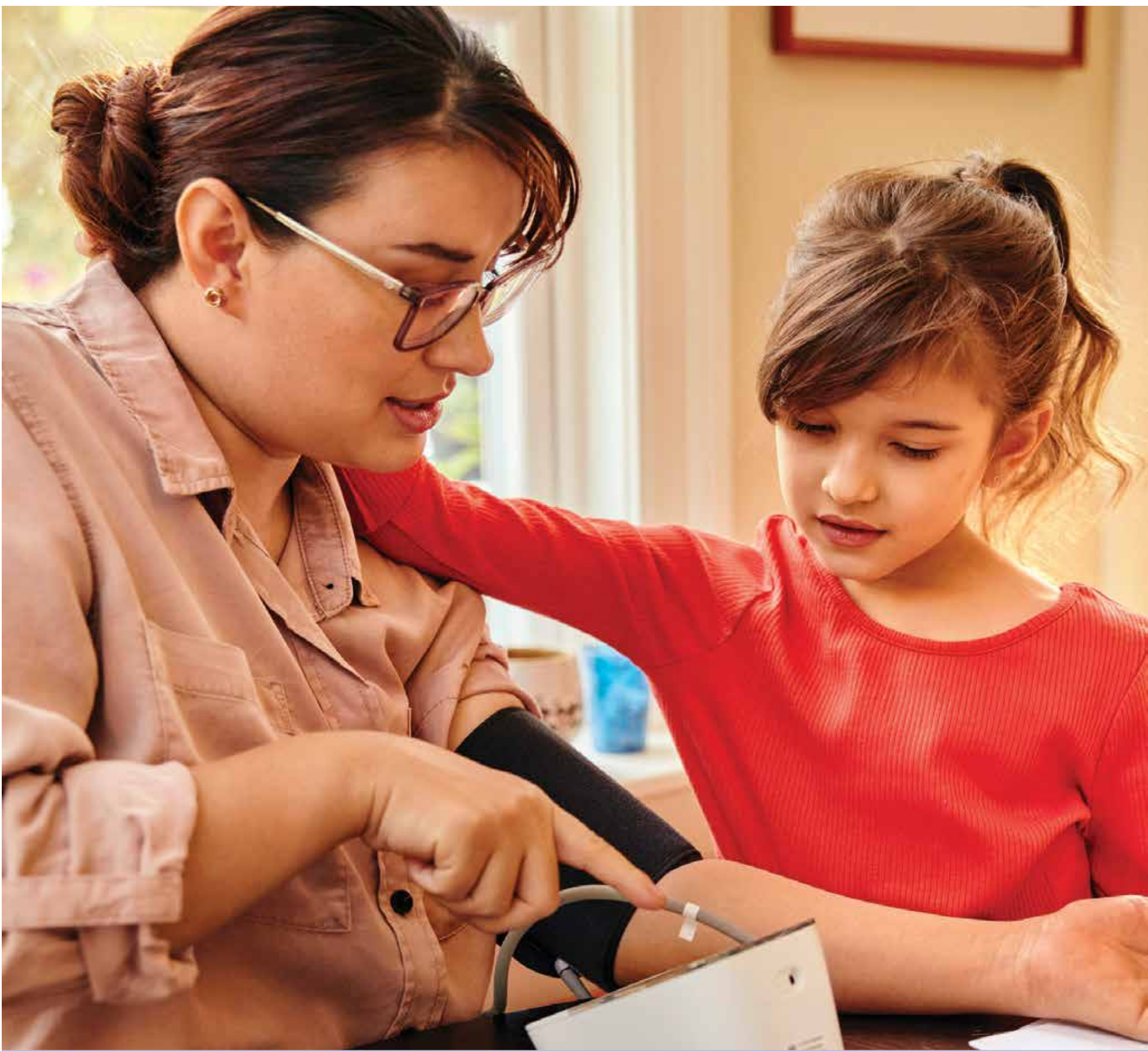
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NASA F-15s validate tools for Quesst mission

by **Nicolas Cholula**
NASA Armstrong

High over the Mojave Desert, two NASA F-15 research jets made a series of flights throughout May to validate tools designed to measure and record the shock waves that will be produced by the agency's X-59 quiet supersonic experimental aircraft.

The F-15s, carrying the record-

ing tools, flew faster than the speed of sound, matching the conditions the X-59 is expected to fly.

The X-59 is the centerpiece of NASA's Quesst mission to gather data that can help lead to quiet commercial supersonic flight over land.

The team behind the successful test flight series operates under the Schlieren, Airborne

Measurements, and Range Operations for Quesst (SCHAM-ROQ) project at NASA's Armstrong Flight Research Center at Edwards, Calif. There, they developed tools that will measure and visualize the X-59's unique shock waves when it flies at Mach 1.4 and altitudes above 50,000 feet. For a typical supersonic aircraft, those shock waves would result in a sonic boom. But thanks to the X-59's design and technologies, it will generate just a quiet thump.

Cheng Moua, engineering project manager for SCHAM-ROQ, described the validation flight campaign as "a graduation exercise — it brings all the pieces together in their final configuration and proves that they will work."

— See **NASA**, on Page 12



NASA photograph by Jim Ross

NASA's F-15D research aircraft conducts a calibration flight of a shock-sensing probe near NASA's Armstrong Flight Research Center at Edwards, Calif. The shock-sensing probe is designed to measure the signature and strength of shock waves in flight. The probe was validated during dual F-15 flights and will be flown behind NASA's X-59 to measure small pressure changes caused by shock waves in support of the agency's Quesst mission.



NASA photograph by Carla Thomas

NASA Photographer Carla Thomas holds the Airborne Schlieren Photography System (ASPS), aiming it out the window in flight. The ASPS uses a photographic method called schlieren imaging, capable of visualizing changes in air density and revealing shock waves and air flow patterns around moving objects. The system is one of several tools validated during recent dual F-15 flights at NASA's Armstrong Flight Research Center at Edwards, Calif., in support of NASA's Quesst mission, ahead of the X-59's first flight.



NASA photograph by Genaro Vavuris

LEFT: Two NASA F-15 aircraft sit on the ramp at NASA's Armstrong Flight Research Center, at Edwards, Calif., ahead of dual F-15 flights that validated the integration of three tools — the Airborne Schlieren Photography System (ASPS), the Airborne Location Integrating Geospatial Navigation System (ALIGNS), and shock-sensing probe. Together these tools will measure and visualize the shock waves generated by NASA's X-59.

NASA intern took career from car engines to cockpits

by **Laura Mitchell**
NASA Armstrong

Some career changes involve small shifts. But for one NASA engineering intern, the leap was much bigger — moving from under the hood of a car to helping air taxis take to the skies.

Saré Culbertson spent more than a decade in the auto industry and had been working as a service manager in busy auto repair shops.

Today, she supports NASA's Air Mobility Pathfinders project as a flight operations engineer intern at NASA's Armstrong Flight Research Center at Edwards, Calif., through NASA's Pathways program.

"NASA has helped me see opportunities I didn't even know existed," she said. "I realized that being good at something isn't enough — you have to be passionate about it too."

With a strong foundation in mechanical engineering — earning a bachelor's degree from California State University, Long Beach, Antelope Valley Engineering

Program — she graduated magna cum laude and delivered her class's commencement speech. Culbertson also earned two associate's degrees, one in engineering and one in fine arts.

Before making the switch to aeronautics, she worked at car dealerships and independent car repair facilities while in college. She also led quality control efforts to help a manufacturer meet international standards for quality.

"I never thought land surveying would have anything to do with flying. But it's a key part of supporting our research with GPS and navigation verification," Culbertson said. "GPS measures exact positions by analyzing how long signals take to travel from satellites to ground receivers. In aviation testing, it helps improve safety by reducing signal errors and ensuring location data of the aircraft is accurate and reliable."

A musician since childhood, Culbertson has also performed in 21 states, playing everything from tuba to trumpet, and even appeared on HBO's "Silicon Valley" with her tuba. She's played in ska, punk, and reggae

bands and now performs in the Southern Sierra Pops Orchestra.

The NASA Pathways internship, she says, changed everything. Culbertson was recently accepted into the Master of Science in Flight Test Engineering program at the National Test Pilot School, where she will be specializing in fixed wing performance and flying qualities.

Her advice for anyone starting out?

"Listen more than you talk," she said. "Don't get so focused on the next promotion that you forget to be great at the job you have now."

During her internship, Culbertson is making meaningful contributions toward NASA's Urban Air Mobility research. She collects location data for test landing sites as part of the first evaluation of an experimental commercial electric vertical takeoff landing aircraft, a significant milestone in the development of next generation aviation technologies. From fixing cars to helping air taxis become a reality, Saré Culbertson is proof that when passion meets persistence, the sky isn't the limit — it's just the beginning.



NASA photograph by Genaro Vavuris

Saré Culbertson, NASA Pathways intern at NASA's Armstrong Flight Research Center at Edwards, Calif., adjusts the Emlid Reach RS2+ receiver equipment that connects with GPS and global navigation satellite systems on Nov. 7, 2024, in preparation for future air taxi test flight research.



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432nd Wing celebrates leadership legacy, welcomes new commander

by Senior Airman Ariel O'Shea
Creech AFB, Nev.

A change of command ceremony marked new beginnings and honored past legacy as Col. Nicholas Pederson relinquished command of the 432nd Wing/432nd Air Expeditionary Wing to Col. Trevor Merrell at Creech Air Force Base, Nev., June 27, 2025.

Pederson has led the 432nd Wing since 2023. Its mission is to operate and support the MQ-9 Reaper remotely piloted aircraft, which provides intelligence, surveillance, reconnaissance and precision attack capabilities to provide critical support to combat operations and the United States' national security.

"Thank you for the privilege of my life. You make the difficult look easy and took the fight to the enemy. I am incredibly proud that I will always be able to say that I was a part of the 432nd Wing," said Pederson.

The 432nd Air Expeditionary Wing, activated in 2012, is the only one of its kind located in the continental United States, and remotely operates the MQ-9 Reaper four different combatant commands.

During the ceremony, Pederson was honored with the Legion of Merit for his service to the United States as Commander. His accomplishments include enabling 358,000 flight hours during 15,600 missions, and doubling the remotely piloted aircraft allocated airspace over the Nevada Test and Training Range, which empowered robust training as the Wing implemented the Air Force's Force Generation model.

After receiving the Legion of Merit, Pederson addressed the crowd and had parting words of wisdom for Merrell and incoming Command Chief Master Sergeant Mark Diehl.

"I wish you both the best of luck and honestly, with the Airmen of this wing, you won't need luck. You will get to see them do amazing things," said Pederson.

Merrell assumes his new position as a current member of the 432nd Wing. Since 2023, he has served as the 25th Attack Group commander at Shaw Air Force Base, S.C., leading more than 1,000 personnel across five squadrons, located at three geographically separated installations.

In his first time addressing the Airmen now under his command, Merrell said, "To the men and women of the



Air Force photograph by Senior Airman Ariel O'Shea

Col. William Creeden, 15th Air Force deputy commander, hands the 432nd Wing guidon to incoming Col. Trevor Merrell, incoming 432nd Wing/432nd Air Expeditionary Wing commander at Creech Air Force Base, Nev., June 27, 2025. The 432d Wing conducts 24/7 persistent attack and reconnaissance combat operations worldwide, while training pilots, combat systems officers, sensor operators, intelligence professionals, maintainers, and support personnel.



Air Force photograph by Kimberly Goff

Airmen assigned to the 432nd Wing/432nd Air Expeditionary Wing stand at attention during a change of command ceremony at Creech Air Force Base, Nev., June 27, 2025. The change of command ceremony is a military tradition that represents a formal transfer of authority and responsibility for a unit from one commanding officer to another.

432nd Wing, I feel a lot of emotions right now; gratitude, humility, but most of all, I think I will share what both Chief Diehl and I feel—excited. Excited to be here and excited to join this incredible family."

In his new position, Merrell will oversee redirecting the mission of the 11th Attack Squadron and the 489th Attack Squadron from satellite launch and recovery to conventional MQ-9 operations, the arrival of a contingent of Experimental Operations Unit personnel to conduct early experimental operations with the Collaborative Combat Aircraft.

NASA, from Page 10

NASA began to develop the tools years ago, anchored by the arrival of one of the two F-15s — an F-15D from the U.S. Air Force — a tactical aircraft delivered without research instrumentation.

"It showed up as a former war-fighting machine without a research-capable instrumentation system — no telemetry, no HD video, no data recording," Cheng said. "Now it's a fully instrumented research platform."

The team used both F-15s to validate three key tools:

- A shock wave-measuring device called a near-field shock-sensing probe
- A guidance capability known as an Airborne Location Integrating Geospatial Navigation System
- An Airborne Schlieren Photography System that will allow the capture of images that render

visible the density changes in air caused by the X-59

Before the F-15D's arrival, Armstrong relied on the second F-15 flown during this campaign — an F-15B typically used to test equipment, train pilots, and support other flight projects. The SCHAMROQ project used the two aircraft to successfully complete "dual ship flights," a series of flight tests using two aircraft simultaneously. Both aircraft flew in formation carrying near-field shock-sensing probes and collected data from one another to test the probes and validate the tools under real-world conditions. The data help confirm how shock waves form and evolve during flight.

Keeping things ALIGNED

For the Quesst mission, the F-15D will lead data-gathering efforts using the onboard probe, while the F-15B will serve as the backup. When flown behind

the X-59, the probe will help measure small pressure changes caused by the shock waves and validate predictions made years ago when the plane's design was first created.

The schlieren photography systems aboard the F-15s will provide Quesst researchers with crucial data. Other tools, like computer simulations that predict airflow and wind tunnel tests are helpful, but schlieren imagery shows real-world airflow, especially in tricky zones like the engine and air inlet.

For that system to work correctly, the two aircraft will need to be precisely positioned during the test flights. Their pilots will be using a NASA-developed software tool called the Airborne Location Integrating Geospatial Navigation System (ALIGNS).

"ALIGNS acts as a guidance system for the pilots," said Troy Robillos, a NASA researcher who led development

of ALIGNS. "It shows them where to position the aircraft to either probe a shock wave at a specific point or to get into the correct geometry for schlieren photography."

The schlieren system involves a handheld high-speed camera with a telescopic lens that captures hundreds of frames per second and visualizes changes in air density — but only if it can use the sun as a backdrop.

"The photographer holds the camera to their chest, aiming out the side of the cockpit canopy at the sun, while the pilot maneuvers through a 100-foot-wide target zone," said Edward Haering, a NASA aerospace engineer who leads research on schlieren. "If the sun leaves the frame, we lose that data, so we fly multiple passes to make sure we capture the shot."

Aligning two fast-moving aircraft against the backdrop of the sun is the most challenging

part. The photographer must capture the aircraft flying across the center of the sun, and even the slightest shift can affect the shot and reduce the quality of the data.

"It's like trying to take a photo through a straw while flying supersonic," Robillos said.

But with ALIGNS, the process is much more accurate. The software runs on ruggedized tablets and uses GPS data from both aircraft to calculate when the aircraft are in position for probing and to capture schlieren imagery. Giving pilots real-time instructions, enabling them to achieve precise positioning.

The X-59 team's validation milestone for the schlieren imaging and other systems confirms that NASA's core tools for measuring shock waves are ready to study the X-59 in flight, checking the aircraft's unique acoustics to confirm its quieter sonic "thump."

NSDC member is first Navy officer to attend USAF Weapons School's 328th Weapons Squadron

by **Bridget Donovan**
Schriever AFB, Colo.

U.S. Navy Lt. Cdr. Matthew Dring, National Space Defense Center operations integrations chief, was selected to attend the weapons instructor course at the U.S. Air Force Weapons School's 328th Weapons Squadron.

The 328th Weapons Squadron, based at Nellis Air Force Base, Nev., is part of Space Training and Readiness Command's Space Delta 1. As the weapons school for the U.S. Space Force, it offers the Space Superiority Weapons Instructor Course and the Space Warfighter Advanced Instructor Course. Students undergo five to six months of rigorous training before becoming weapons officers — experts in tactical and operational space integration.

Dring's selection for the course marks a significant step in joint force education and operational space integration. As one of the first Navy officers to attend, he's forging a new path

for interoperability between services, bridging the gap between space asset owners and users.

"When you look at the Space Domain, the 328th Weapons Squadron represents the pinnacle of space excellence," said Dring. "For me, it was natural to want to go to the best school."

Dring highlights the importance of joint training, stating that attending a sister service program will allow him and his fellow Navy selectee to approach challenges from unique operational perspectives.

He credits his Navy training, especially in-flight school and information warfare, as strong preparation for the rigorous program. Despite pre-course jitters, he remains focused on adapting his naval expertise to meet Space Force expectations.

"My hope is that we are not the only, but the first to go through this program. It's an incredible opportunity to train side-by-side with other services," said Dring. "Not only will we be able to learn the same way, but ultimately,



Space Force photograph by Tiana Williams

U.S. Navy Lt. Cdr. Matthew Dring, National Space Defense Center operations integrations chief, poses for a photo at Schriever Space Force Base, Colo., April 18, 2025. Dring was selected as one of the first Navy officers to attend the weapons instructor course at the U.S. Air Force Weapons School's 328th Weapons Squadron.

we'll be able to integrate better on the battlefield."

His participation signals a growing emphasis on inter-

service cooperation as space operations become increasingly integral to national security. Dring hopes his selection will

pave the way for future Navy officers to attend, strengthening collaboration and battlefield integration across domains.

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Not all heroes wear uniforms: the service of military working dogs

**By Airman 1st Class
Michael Sanders**
Nellis AFB, Nev.

One of Nellis' four-legged defenders traded patrols for playtime as he entered a well-earned retirement.

Military working dog Beny, an 8-year-old German shepherd, officially retired during a ceremony hosted by the 99th Security Forces Squadron, June 26, 2025.

Beny's journey mirrors that of hundreds of dogs serving in the Air Force, from selection and training to law enforcement operations and, ultimately, retirement.

All Air Force MWDs begin their careers at the 341st Training Squadron, the Department of Defense's schoolhouse for working dogs and handlers, at Joint Base San Antonio-Lackland. Dogs are selected based on temperament, drive and scent sensitivity and then trained in narcotics detection, explosives detection or patrol work.

"The MWD's nose is the biggest asset to us," said Senior Airman Raheem Washington, a 99th Security Forces Squadron MWD handler. "We can find explosives, narcotics, or even unauthorized personnel because of their detection skills. MWDs are also a huge deterrent; people see them and back off."

MWDs may be single or dual-certified, like Beny, who was trained in patrol and narcotics

detection. Explosives detection dogs are often prioritized for deployment, while narcotics detection dogs help maintain safety and support law enforcement at home stations.

"There was a huge bust a few years back," said Senior Airman Nichollas Pence, 99th Security Forces Squadron MWD handler assigned to Beny. "Beny and I have found drugs. You don't always know who's coming on base or what they're bringing. These dogs help keep Airmen and families safe."

In addition to routine patrols and gate inspections, MWD teams are regularly called upon for high-profile missions, including security operations for U.S. presidents and political figures.

"During election season, some handlers were constantly on the move, doing sweeps for major political figures," said Washington. MWDs played a critical role in high-profile missions, both on U.S. soil and in combat zones overseas. For example, MWDs assisted in the raid that located Osama bin Laden and in a 2019 operation targeting an ISIS leader.

When age or health concerns conclude their mission, these highly trained dogs transition into a restful family life. A formal adoption process typically allows them to remain with their handler. This was the case with Beny, who will live out his retirement with his former handler, Pence.



Air Force photographs by Airman 1st Class Michael Sanders

Senior Airman Nichollas Pence, 99th Security Forces Squadron military working dog (MWD) handler, poses for a photo with MWD Beny during Beny's retirement ceremony at Nellis Air Force Base, Nev., June 26, 2025. Beny retired after 8 years of service as a dual-certified narcotics detection and patrol dog.

LEFT: U.S. Air Force military working dog (MWD) Beny chews a tennis ball before his retirement ceremony hosted by the 99th Security Forces Squadron at Nellis Air Force Base, Nevada, June 26, 2025. MWDs are used by security forces and other agencies to assist with searches to detect drugs and bombs, directly contributing to lethality and readiness of our installations and resources.

"You absolutely build a bond," said Pence. "You're training together, working the road, responding together. It's a real partnership."

While not every dog receives a headline, each MWD plays a vital role in base security, law enforcement, and deployment readiness, while earning a place in the hearts of their handlers.

"It's more than walking a dog or doing bite demos," said Staff Sgt. Earl Elliott, a 99th SFS MWD trainer. "These dogs do things people don't even realize. They're saving lives every day, whether on base, downrange, or when working with the Secret Service and FBI. The public needs to know these teams have their backs."



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Air Force photograph by Airman 1st Class Michael Sanders

Col. Chuck W. Redmond, 563rd Rescue Group commander, left, receives the squadron guidon from Lt. Col. Jeffry S. Edson, outgoing 58th Rescue Squadron (RQS) commander, during the 58th RQS Inactivation Ceremony at Nellis Air Force Base, Nev., June 17, 2025. The 58th Rescue Squadron specialized in personnel recovery and combat search and rescue operations.

58th Rescue Squadron inactivates at Nellis AFB

By Senior Airman Devlin Bishop

Nellis AFB, Nev.

The 58th Rescue Squadron held an inactivation ceremony at Nellis Air Force Base, Nev., June 18, 2025, commemorating more than two decades of personnel recovery and combat rescue operations worldwide.

The inactivation is part of the Air Force's ongoing efforts to consolidate rescue assets and optimize mission execution.

The 58th RQS, a Guardian Angel unit under the 563rd Rescue Group out of Davis-Monthan AFB, Ariz., specialized in deploying pararescuemen to recover isolated personnel during both peacetime and combat operations.

"The legacy of the 58th has been one of mission readiness and the ability to just get things done at a moment's notice, and we've been pretty successful at it," said Lt. Col. Jeff Edson, the 58th RQS's final commander.

Since its activation in 2002, the 58th RQS has participated in every major combat operation of the post-9/11

era, from Operation Anaconda to the final evacuations of U.S. personnel during Operation Allies Refuge. Its Airmen have executed technical rescues in some of the world's most challenging environments, using skill sets ranging from high-angle recovery and combat diving to casualty evacuation under fire.

"To me, the mission we executed to recover a fallen Airman in Red Rock Canyon embodies what I want to see in a rescue squadron: everybody came together to be a part of the mission and do what we needed to do," Edson said. "It wasn't just the [pararescuemen]; it was intel, comm, supply, even my [Command Support Staff] Airmen, all worked around the clock because they believed in the mission."

The inactivation ceremony marked the end of an era for many, including Chief Master Sgt. Luis Garcia, 58th RQS senior enlisted leader, who began his Air Force career at the squadron in 2002.

"It's kind of bittersweet to be here as my first duty station and now as a chief, actually getting it closed down," Garcia said. "It feels nice to know that the place

where I started is also the place I'm shutting down. It went full circle."

While the 58th RQS is inactivating, its Airmen are not leaving the rescue mission behind. Personnel have been reassigned across the Air Force to continue supporting Guardian Angel operations at locations including Moody AFB, Ga., Davis-Monthan AFB, Joint Base Lewis-McChord, Wash., and Kadena Air Base, Japan.

The inactivation ceremony also reinforces Davis-Monthan's expanding role as a hub for rescue and special operations missions. As A-10C Thunderbolt II aircraft continue to divest, and their associated squadrons close down, DM is expected to see an increase in rescue personnel and aircraft, positioning it as a major center for future personnel recovery operations.

The 58th RQS's motto, "Courage and Honor," will continue to echo through the broader rescue enterprise, even as the unit's guidon is furled. The lives saved, missions executed and standards set by the 58th will remain a part of Air Force rescue's commitment: That Others May Live.



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THE ARIZONA YOUTH IMPACT PROGRAM TOURS DM



Air Force photographs by Senior Airman Jhade Herrera

Arizona Youth Impact Program participants tour a 55th Rescue Generation Squadron HH-60W Jolly Green II helicopter at Davis-Monthan Air Force Base, Ariz., June 20, 2025. The program allowed U.S. Airmen to engage with the local community and educate them about the Air Force mission through mentorship.



Arizona Youth Impact Program participants tour a 55th Rescue Generation Squadron HH-60W Jolly Green II helicopter at Davis-Monthan Air Force Base, Ariz., June 20, 2025. Members of the program had the opportunity to tour aircraft and visit base facilities.



A U.S. Airman from the 48th Rescue Squadron speaks with Arizona Youth Impact Program participants during a base tour at Davis-Monthan Air Force Base, Ariz., June 20, 2025. These interactions fostered mutual understanding and support for the Air Force mission, while inspiring underprivileged youths.



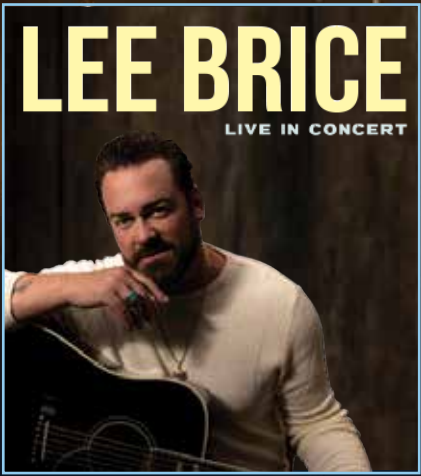
LEEFT: An Arizona Youth Impact Program participant zip lines during a base tour at Davis-Monthan Air Force Base, Ariz., June 20, 2025. During the program, U.S. Airmen from DM shared insights into their roles and responsibilities with local youth.

DESERT DIAMOND ENTERTAINMENT

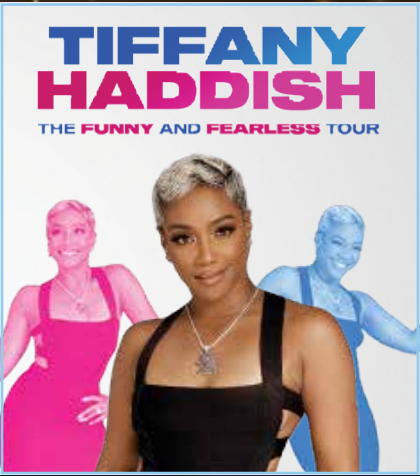
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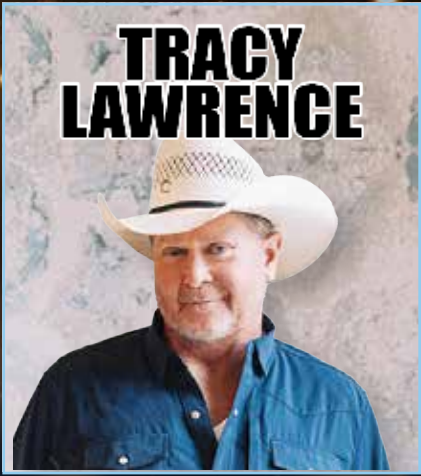
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DM participates in YMCA ‘Heroes Day’

by Senior Airman Jasmyne Bridgers-Matos
Davis-Monthan AFB, Ariz.

Service members from Davis-Monthan Air Force Base, Ariz., participated in “Heroes Day” at the YMCA of Southern Arizona, June 12, 2025.

The annual event welcomed 140 campers, ages 7 to 15, many of whom are children of military families impacted by injury or loss.

Service members from Davis-Monthan Air Force Base visited the camp to share hands-on demonstrations of their career fields, giving campers a closer look at life in uniform and the diverse roles and missions that support DM’s warfighting capabilities.

“It’s a chance to give back to children whose parents have gotten injured or paid the ultimate sacrifice in service,” said Capt. Hannah Wilken, 355th Operational Medical Readiness Squadron general dentist.

Campers learned about different types of munition and the mission the 355th Civil Engineer Squadron supports. They also interacted with tactical combat casualty care training aids and familiarized themselves with techniques and equipment used by the 355th Operational Medical Readiness Squadron.

“These families have gone through incredible hardship, so providing a week of summer camp allows the kids to truly be kids again,” said Wilken. “Davis-Monthan gets to be a small part of that week by showcasing some unique career fields to demonstrate that heroes come in all forms.”

Service members reminded campers that heroism isn’t always found in headlines, it’s an everyday commitment to serve, mentor and support.



Air Force photographs by Senior Airman Jasmyne Bridgers-Matos

Airman 1st Class Gianna Baldizzi, 355th Civil Engineer Squadron explosive ordnance disposal technician, answers questions about different types of ordnance at Oracle, Ariz., June 12, 2025. Campers rotated through stations and activities to learn the roles Airmen play in supporting and sustaining the Air Force mission.



Airman Cosme Partida, 355th Operational Medical Readiness Squadron aerospace medical technician demonstrates how to stop a bleeding wound to YMCA Triangle Y Ranch campers at Oracle, Ariz., June 12, 2025. Campers learned and implemented techniques used in tactical combat casualty care.



Senior Airman Logan Encinas, 355th Operational Medical Readiness Squadron dental technician, demonstrates nasal intubation on a training aid to YMCA Triangle Y Ranch campers at Oracle, Ariz., June 12, 2025. Airmen provided interactive demonstrations to give campers an understanding of Air Force operations.

LEFT: YMCA Triangle Y Ranch campers simulate inflating lungs on a training aid at Oracle, Ariz., June 12, 2025. Airmen showed how their career fields support combat capability and base operations through hands-on demonstrations.



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The sponsor will not discriminate against apprenticeship applicants or apprentices based on race, color, religion, national origin, sex (including pregnancy and gender identity) sexual orientation, genetic information, or because they are an individual with a disability or a person 40 years or older. The sponsor will take affirmative action to provide equal opportunity in apprenticeship and operate the apprenticeship program as required under Title 29 of the Code of Federal Regulations, Part 30, as amended.

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1. Minimum age -18 years. No maximum age limit.
2. Must possess the natural aptitudes essential to acquiring the skills of the trade.
3. Must be physically able to perform all work of the trade.
4. Must be legally residing in the United States, genuinely interested in learning the trade, and willing to comply with all terms and conditions of the Apprenticeship Standards, Rules, and Regulations.
5. Possess a High School Diploma, G.E.D. Certificate or Certificate of High School Equivalency
6. **Provide copies of the following documents at the time of application:**
NO EXCEPTIONS
 - a. Birth Certificate or Passport
 - b. High School Diploma or a Certificate of High School Equivalency or G.E.D
 - c. Legible High School Transcripts from graduated High School or Certificate of High School Transcripts if available.
 - d. Photo ID- (A valid Driver's license will be required if you are indentured into the program)
 - e. Social Security Card
 - f. Military DD-214 Release Papers and Military Transcripts (If Applicable)
 - g. Transcripts of Trade School, College, Work Investment Program etc. (optional)
7. Take a mandatory basic math exam administered by the Committee on the day assigned. ***Please note: In order to test, you must have submitted the application and all the required documents.***
8. Appear before the J.A.T.C. Committee for an oral interview.
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Business & Professional Code Section 21700-21707

Notice is hereby given by the undersigned that a public lien sale of the following described personal property will be held at the hours of **12 noon on the 16th day of July 2025** or thereafter. The auction is being held at **www.selfstorageauction.com** by competitive bid. The property is stored by **Nova Storage located 7349 Suva St, Downey CA 90240**

The items to be sold are generally described as follows: Furniture, clothing, tools and or other household items stored by the following persons.

6254 Mike Iniguez
4220 Arthur Negrete
6103 Adriana Bocanegra
5334 Warren Finley
1135 Gerardo Cervantes
1243 Araceli Ybarra
4018 Glen Akiyama
6207 Jesse Reyes
6021 Elizabeth Votava
5007 Glen Akiyama
4047 Jose Luis Leal

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The items to be sold are generally described as follows: Furniture, clothing, tools and or other household items stored by the following persons.

G12 Kraig L. Goins
P10 Jeffery MC Gilberry
H31 Reginald Harmon
R04 Rubi Barba
T30 Shayla Allen
P16 Lazit Garrett
V01 Sandra Santoyo
N19 Montre Smith, Jr.
T39 Curtis Calloway
D03 Luis Alberto Chavez
H09 R Shawn Trotman
N31 Pam Randolph
T09 Alysia Edwards
T27 Marva Martinez Miguel
F06 Edgar Garcia
A22 Mauricio Rios
G24 Kerry Francis

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A015 Ricardo Arzate Sr.
A065 Isabel Encineas
F760 Josue Dominguez
B096 Yanet Robles
G847 Keven Gonzalez
G802 Melvin Tinsley
G817 Miguel Sanchez
B168 Rhonda Simmons
F667 Juan Manzo
C359 Dina Turner
C369 Annie Sellers
B082 George Rodriguez
D420 Sergio Nunez
F723 Phyllis Johnson
A029 Francine Harkins
B167 Azariah Reyes

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3303 Brett Diaz
3317 Martina Camacho

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3215 Jose Cruz Bustos
0010 Dovi Cruz
3422 Crystal Ramos
0180 Matthew Crowder
0262 Nestor De La Rosa
0284 Walter G Argueta Durini
0724 Fernando Garcia
0183 Nancy Janette Mendez Acosta
0305 Isabel Hannah Martinez
0252 Jose Cruz Bustos
0646 Michael Pinuelas
0199 Terry Tweedie

Date: June 20th , 2025 Signed NOVA STORAGE This notice is given in accordance with the provisions of section 21700 et seq. of Business & Professional Code of the Sate of California. The owner reserves the right to bid at the sale. All purchased goods are sold "As Is" and must be paid for and removed at the time of sale. Sales subject to prior cancellation in the event of settlement between owner & obligated party. Auctioneer: Nova Storage

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E13 Glenda Jaye Morris
B08 Edgar Zaragoza
F30 Cambria Sandifer- Jackson
B09 David Brownlee
E23 Rogelio Lemus
D25 Bartholmew Conroy
C32 Roshea Penn
D03 Michele Gonzalez
E45 Heather Princess Gutierrez
F26 Malisa Tinoco
G65 Anthony Torres
D38 Ronald Johnson

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0203 Annie Contreras
4117 Christina Minesaki
0439 Ricardo Romero
0051 Edward O'Hickey
0200 Ingrid Albanes
0020 Haroutioun Shahbazian
4100 Artak Zargaryan
0540 Maria Isabel Acero

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0334 Kendra Crenshaw
0006 Zach Spusta
0611 Amy Crumb
0557 Amy Crumb
0265 Amy Crumb
0478 Cary Miller
0445 Lafunda Maiden
0544 Marcus Richardson
0574 H. Von Siebenhoven
0110 Erradonna Bailey
0487 Deitra Jones
0559 Amy Crumb
0104 Maureen Odonnell
0095 Katie Cook
0217 Cindy Khaki

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The items to be sold are generally described as follows: Furniture, clothing, tools and or other household items stored by the following persons.

E338 Shawn Trotman
J3101 Michele Crosby
G598 Brenda Ruiz
J3002 Rochelle Addison
E422 Bilal Jamal Strong
E391 David Hunt
G596 Christina Evans
E301 Lundia Washington
F541 Mechelle Lawrence

Date: June 28th, 2025 Signed NOVA STORAGE This notice is given in accordance with the provisions of section 21700 et seq. of Business & Professional Code of the Sate of California. The owner reserves the right to bid at the sale. All purchased goods are sold "As Is" and must be paid for and removed at the time of sale. Sales subject to prior cancellation in the event of settlement between owner & obligated party. Auctioneer: Nova Storage



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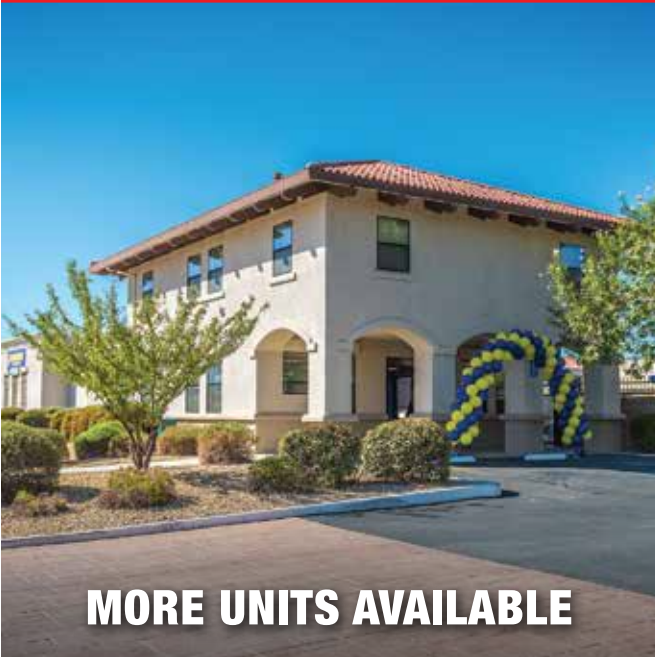
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ASPIRE AT CYPRESS CROSSING
Single-family homes



ASPIRE AT DAVIS RANCH
Single-family homes



ASPIRE AT SUNNYSIDE
Single-family homes from the low \$400s



ASPIRE AT THE TRAILS
Single-family homes from the mid \$300s



JOSHUA LANDING
Single-family homes from the low \$600s



MIRABELLA
Single-family homes



MONTEROSA
Single-family homes from the mid \$400s



PALO VERDE
Single-family homes from the upper \$400s



TEHACHAPI HILLS
Single-family homes from the low \$500s



THE ESTATES AT SILVERWOOD
Single-family homes in a gated community



WEST VIEW ESTATES
Single-family homes from the low \$500s

^See khov.com/socal for full details. Offer applies to select homes at select communities. Value of Heroes incentive not to exceed \$1,000. Unless otherwise specified, incentives may be applied towards closing costs, upgrades or options. Seller contribution limits may apply and may affect maximum financing. Maximum closing cost assistance may vary based on the purchase price, product, and occupancy. Seller is not a lender. A portion of incentives and/or closing costs are based on the use of affiliated lender, K. Hovnanian American Mortgage, L.L.C. ("KHAM") for financing or an all cash purchase. If KHAM or all cash is not used, the incentives (other than a home price reduction) will be reduced by the greater of \$10,000 or 3% of the purchase price. Offer may not be available in all communities. Incentive must be included at the time of contract. Offer valid for owner occupants only. Additional conditions or restrictions may apply. To qualify for the incentive, applicant must show proof of eligibility at the time of contract signing. To be eligible the applicant on the contract and mortgage must show proof of military or employment status with an ID card or other official documentation. Void where prohibited by law. Incentive is per applicant. The home price reduction incentive is unrelated to and distinct from the other incentives offered and does not require the use of KHAM for financing to receive the price reduction incentive. The list price for certain homes may already reflect a base sales price reduction and/or may be subject to prior sale. Offer not available on all homes, communities or states. Incentives, special interest rate financing options, builder options, upgrades, and/or closing costs will vary by home, homesite and community. Offer subject to change without notice. K. Hovnanian American Mortgage, L.L.C. 3601 Quantum Boulevard, Boynton Beach, FL 33426. NMLS #3259 (www.nmlsconsumeraccess.org). Licensed by California Department of Financial Protection and Innovation under the California Residential Mortgage Lending Act. Lic. #4130532. ©2025 K. Hovnanian California Operations, Inc. DRE license #01183847. Artist renderings and photographs; illustrative purposes only. All dimensions are approximate. Features and options may vary. Unless stated hardscape, landscape and decorator items not included. Price reflects options that may have been added to home. Prices are subject to change. See a sales consultant for details. Sales consultants: Barbara Wagar DRE#00606392, Allison Keldgord DRE#01224497, Kevin McInerney DRE# 01750612, Tamara Braden DRE#01879848, Anna Banuelos DRE#01503709, Charlene Oliver DRE#01499600, Giovanni Ciarrmitaro DRE#01700314, Adriana Zaragoza DRE#01411082, Nancy Osuna DRE#01945909, Wendy Margrave DRE#01128324, Patricia Beauchamp DRE#01816136, Jessica Harris DRE#01950868, Lynda McInerney DRE#01821460, and Lori Thomas DRE#01454848. Equal Housing Opportunity.