

## ShOC-N battle lab hosts distributed command and control event

The 805th Combat Training Squadron's Shadow Operations Center – Nellis, or ShOC-N, is the U.S. Air Force's premier battle lab supporting the development, advancement, and maturation of key technologies and capabilities designed to compress the kill-chain for joint and coalition warfighters.

The ShOC-N accomplishes this mission by utilizing multi-domain, all-domain, and cross-domain solutions spanning all classification levels, working closely with key defense, industry, and sister services such as the Office of the Secretary of Defense, Defense Advanced Research Projects Agency, Missile Defense Agency, and the Defense Industrial Base.

In addition to hosting government sponsors and industry partners daily, the ShOC-N is helping to steer and evolve Joint Staff doctrine and guidance for all-domain and cross-domain solutions and capabilities by focusing on defining and developing instrumentation for data, networks, software, and air component-specific command, control, communications, computers, and intelligence, or C4I, warfighting processes.

Working closely with their wide range of mission partners, the ShOC-N is a vanguard unit on the frontlines of next-generation technologies for the USAF and Joint Staff. With key placement and access to Nellis AFB's unique mission, the ShOC-N is providing a critical venue to advance and refined key technologies and showcase them to U.S. and coalition leadership in a tactically and operationally relevant setting — to see the technology working in a warfighter environment with real-world operators at the helm vice a clean lab with scientists only.

Normally, ShOC-N leverages existing exercises to meet mission requirements. But sometimes, when no other appropriate venue exists, the ShOC-N team will host its own organic event to advance and refine technologies. A recent example occurred at the end of April. The ShOC-N

hosted an organic Distributed Command and Control Event simulating Agile Combat Employment utilizing new technologies available at the ShOC-N. The ShOC-N set up an austere location simulating a pacing adversary threat environment for the new technologies and their ability to operate in a degraded setting.

"ShOC-N's ability to operate in the shadows of operational theaters or large-scale exercises allows us to experiment in the most realistic, operationally relevant ways. Everything we do is nested within the USAF Warfare Center's Pacing Challenge Campaign Plan. All new technology is vetted against our ability to compete with China," said Col. Frederick Coleman, 505th Command and Control Wing commander, Hurlburt Field, Fla.

The Air Combat Command C2 Futures Branch's Tactical C2 Weapon Systems Division leveraged the event to shape Battle Management Command and Control functions requirements, viewing several mobile and rapidly deployable tactical air component C2 systems at work in an ACE environment.

"Major General Slocum, ACC/A3 [director of operations], challenged the staff to rapidly prototype and field a Tactical Operations Center – Light, or TOC-L, capability," said Maj. Carl Rossini, C2 Futures Branch chief. "[The] ShOC-N enabled us to meet that challenge by quickly bringing together the event, data, warfighters, test organizations, and acquisitions."

Not only did this event leverage unique ShOC-N capabilities, but it also served as a risk reduction event for the Pacific Air Forces' Valiant Shield 2022 exercise, along with ACC's participation in the U.S. Army Futures Command's Project Convergence 2022 exercise.

Organizations that partnered with the ShOC-N for the TOC-L experimentation included the Office of the Under Secretary of Defense Research and Engineering 5G support team, the Missile Defense Agency, representatives of the ACC staff, the Air



Air Force photograph by Keith Keel

The 805th Combat Training Squadron's Shadow Operations Center – Nellis, or ShOC-N, is the U.S. Air Force's premier battle lab supporting the development, advancement, and maturation of key technologies and capabilities designed to compress the kill-chain for joint and coalition warfighters, April 25-27, 2022.

Force Joint Test Program Office, the 605th Test and Evaluations Squadron, the 422nd Test and Evaluations Squadron, Lockheed Martin, Raytheon Solypsis, Global C2 Integration Technologies, Lower Echelon Analytics Platform — Tactical, or LTAC, and Novetta Systems.

In addition to external mission partner involvement and success, the ShOC-N employed their organic data scientist team to develop methodologies to measure data latency from various systems, data files, and logs. Their analysis proved successful and demonstrated data scientists' current and future utility, along with the need to advance and automate instrumentation.

"Collecting and storing mass amounts of data without a plan is of no value. Turning volumes of data into decision quality information is where we show value, and I'm proud of our data science team," said Lt. Col. David Spitler, 805th CTS/ShOC-N commander.

Instrumentation is a core attribute of the battle lab still under development.

"The analytics shown by our data science team and the LTAC cyber team sparked the imagination of what is possible. However, it also showed how much more investment is needed to truly instrument the battle lab," said Col. Aaron Gibney, 505th Combat Training Group commander, Nellis AFB, Nev. "We need to be able to define what we're measuring

and then measure it in an automated, objective, quantitative way."

When data is collected, classified, labeled, properly tagged, and stored with ontologies, the instrumented data provides the basis for objective evaluation of technical performance in the experimental lab environment. Instrumentation is intended to enable objective methods for A/B comparisons, measuring compression of warfighting processes, data latencies, and the efficacies of prototypes against currently fielded hardware and software. With instrumentation, the ShOC-N will provide objective reviews to inform senior leader decisions for the continued prototyping and/or transition to test to deliver capabilities to the warfighter rapidly.

The Distributed Command and Control Event showed how critical the ShOC-N is as the U.S. Air Force develops and matures advanced technologies to compress the kill-chain and streamline the decision-making process for warfighters. The ShOC-N was able to showcase key technologies in an ACE environment and will continue advancing its mission to support the warfighter.

"The warfighter ethos is alive and strong in the ShOC-N," said Coleman.

The 805th CTS reports to the 505th CTG, Nellis AFB, and the 505th, headquartered at Hurlburt Field.



# Be brave enough to save

by PO1 Kitara Byerly  
Gulfport, Miss.

This Memorial Day Weekend, we remember the Warrior, we remember those we have lost.

It has been 19 months since my husband, U.S. Army Reserve Spec. John Meyer, committed suicide. This year the Suicide Prevention DOD message is, "Connect to Protect, Support is Within Reach." I want to tell you, there is hope, and we need to take personal responsibility to get help. If someone considering suicide is reading this, there is hope. We are here to connect.

My husband's ideations of suicide began with frustration at world events, home stress and thoughts of the benefits of "no longer being around." Negative thoughts spiral until a service member is overwhelmed by reasons validating suicide as their only option. Those thoughts killed my husband. Intervention at the suicide ideation stage is critical. In strong contrast to my husband's downward spiral is U.S. Navy Corpsman 1st Class Travis Morton's life and how he was brave enough to be saved.

Last year, my husband was acting out his stress at home, his anger and reactivity were directed at us, his family. He had resources from his Army unit for counseling, for his chaplain, but he chose not to speak to them about his issues. I also chose to keep silent about his outbursts, and not to engage with our resources in the Navy for counseling. We were both not brave enough to "connect to protect" and be saved.

About that same time, Morton was experiencing life stressors, and thoughts of suicide began to take hold. He recognized the danger of those thoughts and, having easy access to weapons, he called a mentor. Morton connected with his fellow corpsman for advice. That corpsman let him know that he should seek treatment without delay. Because he reached out to connect for help, he was directed to take his ideations of suicide seriously and contact his chain of command for support. Morton found the help and the resources he needed. He was brave enough to connect to services and therapists, to reach for that lifeline.

My husband, John made a choice to not connect. He did not reach out to services, friends, battle buddies, or chaplains. Ironically, he isolated in fear that a diagnosis of suicidal thoughts would harm his career and instead he made a terrible final choice that has lasting consequences for our children, for his unit, for my unit. It seemed ridiculous, but a fear of losing status in his careers and appearing weak to others is the reason he is no longer alive.

After his near miss with suicide, Morton endeav-

ored to instruct suicide prevention courses with his own personal experience added to the training. Encouraging other Sailors to be brave enough to seek help, "My goal is to just bring awareness to Sailors and show them that it doesn't negatively impact or put them in a negative light," Morton said. "I want to show them, it's the opposite of weakness to speak out. It takes a strong person to stand there and talk about their problems instead of trying to bury them, by burying themselves."

My late husband's U.S. Army Chaplain (Capt.) Benjamin Gilmore was just reporting for duty with my husband's unit at Fort Hood, Texas, when he learned of John's death.

Chaplain Gilmore has had his own personal struggles with suicide and helped to prevent many suicides throughout his time in service. "Soldiers think that the pain of suicide will end with them. That when they are experiencing trials, they can take an easy exit, and everything will be resolved. There is nothing further from the truth. The pain continues for the rest of their friends and families lives."

Morton allowed me to be a part of his suicide prevention training. We stood as stark contrasts to each other. The Sailor that was brave enough to speak out, and the Sailor who lost everything because she and her late husband did not.

Morton spoke to the career impact of reporting suicidal ideations in his outreach prevention training. "It didn't affect my clearance at all to ask for help, to reach out. There were no repercussions to my advancement or record," Morton said. "It did however save my life. I knew that I wanted to be there for my son, my daughter and for my spouse. And I made the right decision to ask for help at the right time."

Memorial Day is a good reminder to connect. Recent world events and the COVID pandemic have impacted almost everyone here in America, and especially our Armed Forces. The DOD found that service members who connected to others through peers, Chaplaincy programs, PHOP, or into the Suicide Prevention Hotline were really helped.

This is a time to be brave enough to reach out on behalf of ourselves and others. According to U.S. Navy Chaplain (Lt. Cmdr.) Nicholas Dewhurst, over his career, several Sailors have reached out on behalf of their shipmates to report suicidal ideations. "When Sailors have a vested interest in the lives of their shipmates and engage in intentional leadership, it is often the best avenue for suicide prevention. Just like it takes an entire unit to complete a mission, it takes working together as a unit to prevent suicide," Dewhurst said.



Courtesy photo

My husband has left a large gap in our lives. He could fix anything. Now, he can fix nothing. His children and I will spiral for years on the "why?" Why did he commit suicide? What were the small, quiet thoughts under the surface that killed him? We will never get an exact answer to that torture. I urge you all to be brave enough to connect with help, brave enough to help others. Brave enough to save. If you think that your fellow Sailor or Soldier is hurting, ask them. Treat them with respect and kindness and care, connect to protect.

*Editor's note: If you, your friend, your shipmate or a loved one are having trouble navigating stress or experiencing a crisis, help is always available. Reach out to your local Fleet and Family Support Center, Deployed Resilience Counselor or any of the following free resources:*

**VA MILITARY CRISIS LINE** — Connects with qualified and caring Veterans Affairs responders through a confidential, toll-free hotline, 24 hours a day, seven days a week. Support is available via telephone, mobile text or online. <https://www.veteranscrisisline.net/> Call 1-800-273-TALK (8255, Option 1), text 838255

**MILITARY ONESOURCE** — Free and confidential non-medical counseling via phone and live chat, 24 hours a day, seven days a week. <https://www.militaryonesource.mil/> Call 1-800-342-9647



## Desert Lightning News Staff

Paul Kinison, Publisher, Aerotech News and Review  
Stuart Ibberson, Editor  
Tinna Sellie, Editorial Layout  
Sandy Bueltel, Advertising Sales

CONTACT: Editorial Staff at 334-718-3509

For editorial staff: e-mail [editor@aerotechnews.com](mailto:editor@aerotechnews.com)

CONTACT: Advertising Sales at 661-945-5634

For display ads: e-mail [sbueltel@aerotechnews.com](mailto:sbueltel@aerotechnews.com) or [billwhitham@aerotechnews.com](mailto:billwhitham@aerotechnews.com)  
For classified ads: e-mail [classifieds@aerotechnews.com](mailto:classifieds@aerotechnews.com)

*Desert Lightning News, So. Nevada edition* is published by Aerotech News and Review, a private firm in no way connected with the U.S. Air Force. Contents of *Desert Lightning News, So. Nevada edition* are not necessarily the official views of, or endorsed by, Aerotech News and Review, the U.S. government, the Department of Defense or the Department of the Air Force.

The appearance of advertising in this publication, including inserts and supplements, does not constitute an endorsement by the Department of Defense, the

Department of the Air Force or Aerotech News and Review of the products or services advertised.

Everything advertised in the publication shall be made available for purchase and use of patronage without regard to race, color, religion, sex, national origin, age, marital status, physical handicap, political affiliation or any other non-merit factor of the purchaser, user or patron.

**The deadline for submissions to Desert Lightning News is no later than Monday, 4:30 p.m., the week of desired publication date.**

For all submissions, a name and phone number of a person to contact must be included in the event questions arise.

All material is edited for accuracy, brevity, clarity and conformity to the AP Style Guide, to include military ranks and proper writing etiquette.

Corrections: Desert Lightning News staff members strive for accuracy each week. If you notice an error in fact, contact the *Desert Lightning News* staff at 334-718-3509, or e-mail [editor@aerotechnews.com](mailto:editor@aerotechnews.com), and we will consider publishing a correction when appropriate.

*Desert Lightning News, So. Nevada edition* can also be viewed online @ [www.aerotechnews.com](http://www.aerotechnews.com)



# 422nd TES takes command, control to new heights

by Senior Airman Zachary Rufus

Nellis AFB, Nev.

Warfighters assigned to the Command and Control Division of the 422nd Test and Evaluation Squadron at Nellis Air Force Base, Nev., made history by demonstrating true on-the-move Command and Control, or C2, capabilities during Black Flag 22-1 on the Nevada Test and Training Range.

Building off of Secretary of the Air Force Frank Kendall's seven operational imperatives, Airmen assigned to the 422nd TES C2 Division designed and employed a never-before-seen mobile C2 element during Black Flag 22-1 that aggressively responded to at least four of those imperatives.

Traditionally, ground-based Tactical C2 platforms have been referred to as "mobile," but are rather "movable" and relatively stationary due to being encumbered by the large form factor of the technology being employed.

For example, a current Control and Reporting Center can take multiple C-17s or several five-ton trucks and transport equipment and personnel into the field to establish operational capability in 24-72 hours. During this movement, the equipment and Airmen are extremely vulnerable to threats in the battlespace.

"Smaller targets are harder to detect and destroy, the ability to also be constantly moving makes it exponentially more difficult on the enemy," said Maj. Paden Allen, 422nd TES Tactical C2 Division commander.

Air Combat Command recently published a Battle Management C2 Roadmap that outlines the desired change to how the Air Force provides C2 to Combatant Commanders. In executing this new vision, ACC has challenged itself with creating a new ground-based tactical C2 platform prototype by the end of fiscal year 2022 that capitalizes on newer technology and automation, while also demonstrating the ability to be tailorable and scalable to mission requirements.

Following discussions about the tactical C2 prototyping effort with other C2 community members, Airmen at the 422nd TES saw an opportunity to go further and faster by asking, "What if we could perform our mission from a single vehicle, while on the move, and deploy in an Agile Combat Employment scenario within Black Flag 22-1 without even having a setup time at all?"

"By truly being mobile tactical C2, we now complicate the ability for an opposition force to degrade or destroy our ability to command and control forces," said Allen. "Using technology available today, we were able to demonstrate how the Air Force can rapidly deploy tactical C2 to an austere environment, aggressively improve the sensor-to-shooter timeline, all while also being resilient against our potential adversaries through a meshed network infrastructure."

During this iteration of Black Flag, 422nd TES Airmen took already existing commercial and governmental components, pieced them together, and equipped them into a commercial SUV creating the first-ever mobile tactical C2 vehicle.

Warfighters then executed two missions that demonstrated the ability to provide tactical C2 through accessing DOD computer networks, employing multiple tactical data links, and communi-



LEFT: A mobile Tactical C2 vehicle created by the Command and Control Division of the 422nd Test and Evaluation Squadron is loaded in the back of a KC-130 assigned to the Marine Aerial Refueler Transport Squadron 352 after participating in a Black Flag 22-1 mission on the Nevada Test and Training Range During Black Flag 22-1 at Nellis Air Force Base, Nev., May 12, 2022.

RIGHT: Maj. Paden Allen, 422nd Test and Evaluation Squadron Tactical C2 Division commander (left) and Master Sgt. Jose Mejia, 422nd TES Joint Terminal Attack Controller division section chief, provide command and control capabilities on the way to a Black Flag 22-1 mission on the Nevada Test and Training Range at Nellis Air Force Base, Nev., May 12, 2022. Warfighters then executed two missions that demonstrated the ability to provide Tactical C2 through accessing DOD computer networks, employing multiple tactical data links, and communicating with aircraft all while driving on the NTTR.



Air Force photographs by Senior Airman Zachary Rufus

cating with aircraft all while driving on the NTTR.

"It's not only possible but necessary that this capability comes online and it comes online quickly," said Capt. Patrick Lauer, a U.S. Marine Corps exchange officer from the 729th Air Control Squadron, Hill Air Force Base, Utah, attached with the 422nd TES for the execution of Black Flag.

"Large slow-moving, or moveable at all, command and control agencies are now targets, and are quickly becoming less viable, especially against the future fight," he continued.

To replicate deployment and extraction from austere environments, the team was also airlifted using a U.S. Marine Corps KC-130, demonstrating Agile Combat Employment with joint partners.

"The fact that we did it inside of large force exercise proves we can be mobile and we can be an impact on a much larger scale," said Tech. Sgt. Kayla Sisson, weapons director from the 729th Air Control Squadron, Hill Air Force Base, Utah, attached with the 422nd TES for the execution of Black Flag.

"The table is set, we have the way forward and now we just have to work out the fine details," she continued.

The 422nd TES C2 division is continuing this fast-growing experiment to aid ACC leadership with

understanding what accessible equipment warfighters and the many evolutionary tactics that come with modern technology and automation.

"CSAF issued his challenge to the force to 'Accelerate Change or Lose' as we look to meet our defined pacing threat. This experiment went from conversations and a bar napkin drawing to providing tactical C2 from a moving 2007 Chevy Trailblazer and demonstrating joint ACE within about three weeks," said Allen.

"Thanks to the overwhelming support from a few industry partners, the Marines at Marine Air Wing-3, Joint Communications Support Element, and multiple units across the U.S. Air Force Warfare Center located here at Nellis Air Force Base, we were able to demonstrate our concept and reduce the risk for our Air Force leaders while not spending any additional taxpayer money. We hope that our provided results to ACC can immediately inform how to scale our solution while leaving room for development, so that warfighters are employing with these capabilities within the next year," he continued.

The 422nd TES C2 division will be continuing their mobile C2 vehicle experiments during local missions as well as other large force exercises throughout the year.



# 99th Air Base Wing welcomes new commander

by Capt. Kara Crennan

Nellis AFB, Nev.

Team Nellis and members of the Las Vegas community gathered June 6, 2022, for a 99th Air Base Wing assumption of command ceremony.

Led by Brig. Gen. Evan L. Pettus, U.S. Air Force Warfare Center vice commander, the ceremony recognized the leadership of Col. Todd R. Dyer, outgoing 99th ABW commander, and formally welcomed Col. Joshua D. DeMotts, incoming 99th ABW commander.

Dyer led the wing as they supported multiple large force exercises, two Weapons and Tactics conferences, deployed 100's of medics in support of Operation Allies Refuge, obtained clearance for civilian emergency medical services to deliver patients to Mike O'Callaghan ER, approval for an on base charter high school and made the way for young military members across the Department of Defense to receive partial dislocation allowance when they inevitably move off base into high cost living areas.

"The 99th supports all operations for



Air Force photograph by Senior Airman Zachary Rufus

Brig. Gen. Evan Pettus, United States Air Force Warfare Center vice commander, hands off the 99th Air Base Wing guidon to Col. Joshua DeMotts, 99th ABW incoming commander, during an assumption of command ceremony at Nellis Air Force Base, Nev., June 6, 2022. The 99th ABW wing provides installation support for more than 10,000 personnel assigned to Nellis AFB, Creech AFB, and the Nevada Test and Training Range. Two groups are assigned to the wing: the 99th Mission Support Group and the 99th Medical Group.

the most elite units in the Air Force" said Dyer. "I will miss the people and I'll also miss the mission."

Dyer and DeMotts emphasized the

strategic significance of Nellis Air Force Base within the Air Force. During the event, DeMotts reflected on previously serving at Nellis as the 99th ABW vice

commander and spoke on the continual operational tests, tactics, development and training that never slow down here.

"The sound of freedom screaming down the runway everyday should remind us of the critical role Nellis Air Force Base plays in our national defense," said DeMotts.

DeMotts, a civil engineer with experience as a commander at the flight, squadron and group levels, has deployed several times in support of Operations Iraqi and Enduring Freedom. Colonel DeMotts also has several staff experiences at the HAF, Joint Staff and Combatant Command levels and is a fully-qualified Joint Officer. DeMotts will assume responsibility to support more than 11,000 assigned service members and 313,000 family members, retirees and veterans. Under his leadership, the 99th ABW will continue to provide innovative support of the Air Force's premier tactics, test and training mission.

"We are going to provide innovative support because the mission demands it but we are also going to provide innovative support because our Airmen deserve it," said DeMotts. "People first, mission always. Fight's on."

## A FULL SERVICE FIRM

### DEMPSEY, ROBERTS & SMITH, LTD.



Security Clearance Issues, Personal Injury,  
Probate, Family Law, Wrongful Death and more

Call to schedule an appointment  
**Dempsey, Roberts & Smith, Ltd.**

Attorneys at Law

**702-388-1216**

1130 Wigwam Parkway • Henderson, Nevada 89074

[www.drsltd.com](http://www.drsltd.com)



### ENJOY LIFE IN BALANCE.

Smart, cozy living begins with an inviting new apartment home near centennial hills.

### AIR FORCE EXCLUSIVE PERKS!

Nellis and Creech Air Force personnel and veterans receive

**\$800 OFF**

if you move in by June 30, 2022



BROWNSTONE  
APARTMENTS

For leasing information visit  
[brownstonevegas.com](http://brownstonevegas.com) or call (702) 425-7321



# DAF hosts congressional delegation for ABMS update, E-7 orientation

Air Force Secretary Frank Kendall, Under Secretary of the Air Force Gina Ortiz Jones, and Air Force Chief of Staff Gen. CQ Brown, Jr., hosted a congressional delegation at Nellis Air Force Base, Nev., May 6, 2022, for an update on the base's Advanced Battle Management System initiatives and an orientation of the E-7 Wedgetail, recently announced by the Air Force as the replacement for the aging E-3 Sentry.

The delegation started their visit with an up-close look at a Royal Australian Air Force E-7, followed by a similar orientation in a U.S. Air Force E-3. Both platforms were at the base for training missions in the nearby Nevada Test and Training Range.

The Wedgetail, an Airborne Warning and Control System currently flown by Australia and the United Kingdom, was recently selected by the U.S. Air Force to provide tactical battle management, command and control and target tracking capabilities.

"Identifying mobile targets in the air and on the surface is a capability the Joint Force counts on the U.S. Air and Space Forces to provide, and one of the seven 'operational imperatives' driving work across the Department of the Air Force," Kendall said. "The Wedgetail will have a key part of



Air Force photograph by Airman 1st Class Makenna Gott

A Royal Australian Air Force E-7A Wedgetail, Airborne Early Warning and Control (AWACS) aircraft, is parked at Nellis Air Force Base, Nev., May 6, 2022. Air Force Secretary Frank Kendall, Under Secretary of the Air Force Gina Ortiz Jones, and Air Force Chief of Staff Gen. CQ Brown, Jr., hosted a congressional delegation at Nellis May 6, 2022, for an update on the base's Advanced Battle Management System initiatives and an orientation of the E-7 Wedgetail, recently announced by the Air Force as the replacement for the aging E-3 Sentry.

that mission in the future. Our allies have proven it capable, and we are working to get it into the hands of our operators as quickly as possible."

The delegation continued their visit at the Shadow Operations Center-Nellis, designated in 2021 by Brown as the Air Force's ABMS Battle Lab, to witness how the facility is identifying emerging technologies that enable faster data and information transfer to operators.

"The ShOC-N is critical to the Air Force's drive to link information to sensors and shooters in real-time," Brown said. "As our service continues to accelerate change, the revelations coming out of this battle lab will help our warfighters more quickly understand, share, decide and act, which will provide them a greater advantage on the battlefield."

During the update, leaders had the opportunity to see firsthand how the

command-and-control effects support integrated operations which contribute to the overarching Joint All-Domain Command and Control concept.

The group completed their visit at the U.S. Air Force Weapons School, where they had a chance to hear how cadre are continually refining tactics and training students across various platforms and disciplines. Graduates of the six-month course, referred to as weapons officers, then share that knowledge with their home station units to make them more lethal and survivable against potential adversaries.

"Our Department's mission is ultimately to deter aggression and swiftly defeat it, if necessary," Kendall said. "We achieve that goal by being better trained and equipped than a potential adversary. That mindset is clearly driving the training conducted by the team at Nellis (AFB). I'm deeply impressed with how professionally the team at Nellis (AFB) is addressing our pacing challenge. Our responsibility in Washington, with help from our partners in Congress, is to make sure these Airmen are equipped with the capabilities and resources to win."



**Surgical Affiliates (SAMGI)** is a surgeon-owned and led company who hires surgeons and APPs to provide the best possible care in hospitals across the country. Working for SAMGI is a career path that enables surgeons and APPs to achieve the ideal work-life balance and enjoy the freedoms to focus on providing the best possible patient care. If you are a skilled surgeon or APP looking for an exciting new challenge, joining our team can be life changing.

#### SAMGI can offer you

Surgeon-lead leadership from local practice medical directors, experienced surgeons and executives.  
A challenging career and work-life balance - time for the people and things you love.  
Schedules with time off that is truly personal time.  
Satisfaction collaborating with like-minded providers, dedicated to delivering the highest levels of quality care.  
Comprehensive administrative support (Operations, HR, Accounting, Legal)  
Industry-leading, competitive compensation and benefits packages.

#### Career Opportunities

Grow and thrive in a challenging career with highly competitive compensation and excellent work-life balance. Our surgery programs provide 24/7 care onsite in partner hospitals across the country.

Gastroenterology Los Banos, CA • General/Trauma Surgery Southern TX • Neurosurgery Sacramento, CA  
General/Trauma Surgery San Jose, CA • Orthopedic General Surgery Susanville, CA  
General/Trauma Surgery Pontiac, MI • Vascular Surgery Twin Falls, ID • General Surgery Ada, OK  
General/Trauma Surgery Marysville, CA • Urological Surgery Twin Falls, ID • Urological Surgery Peroria, ID  
Orthopedic Trauma Surgery Marysville, CA • General/Trauma Surgery Corpus Christi, TX  
General/Trauma Surgery Carmichael, CA • Orthopedic Trauma Surgery Phoenix, AZ  
General/Trauma Surgery Denver, CO • Orthopedic Trauma Surgery Carbondale, IL  
Orthopedic Trauma Surgery Tucson, AZ • General/Trauma Surgery Newburg, NY  
Orthopedic Trauma Surgery Phoenix, AZ • General/Trauma Surgery Bakersfield, CA  
Orthopedic Trauma Surgery Rapid City, SD • General/Trauma Surgery Long Beach, CA  
Urological Surgery Quad Cities, IL/IA • Orthopedic Trauma Surgery Tucson, AZ

#### Contact

Visit [careers.samgi.com/jobs/careers](https://careers.samgi.com/jobs/careers) for more information about each location.

Tammy Hager Executive Director of Recruitment and Privileging  
[thager@samgi.com](mailto:thager@samgi.com) • 916-287-9563

**702 AUCTIONS.COM**

**DAILY ONLINE AUCTIONS**

Returns and overstock from major online retailers sold for a fraction of the retail price

[www.702Auctions.com](https://www.702Auctions.com)

702-706-4334 | @702Auctions

**BID.WIN.REPEAT.BID.WIN.REPEAT.**

## GREAT RATES FOR MILITARY MEMBERS

### Military Discounts

- Active & Guard
- Reserve & Retired
- Flexible payment options

Call **702-643-0057**, or visit us at  
**3315 W. Craig Rd.**

- Auto
- Home
- Motorcycle
- Boat



**GEICO**  
**North Las Vegas**

Some discounts, coverages, payment plans and features are not available in all states or all GEICO companies. Motorcycle and ATV coverages are underwritten by GEICO Indemnity Company. Homeowners, renters and condo coverages are written through non-affiliated insurance companies and are secured through the GEICO Insurance Agency, Inc. Boat and PWC coverages are underwritten by GEICO Marine Insurance Company. GEICO is a registered service mark of Government Employees Insurance Company, Washington, D.C. 20076; a Berkshire Hathaway Inc. subsidiary. GEICO Gecko image © 1999-2020. © 2020 GEICO



# 2022 NELLIS TRIBAL MEETING



Air Force photograph by Airman

Native American Tribe representatives and military leaders gather during the 2022 tribal meeting on the Nevada Test and Training Range, Nevada, May 13, 2022. These ongoing interactions highlight the many ways the Air Force and Native American Tribes further the preservation of cultural and historical sites while sustaining a delicate balance between the natural and cultural resources and military operations.



Military leaders participate in the 2022 Nellis tribal meeting on the Nevada Test and Training Range on May 13, 2022. Nellis and the NTTR are committed to securing the tribes' participation in field work and supporting the Air Force mission.







Chairman Trevor Bell  
tribal meeting  
ions are one  
cultural and  
sources and



Col. Todd Dyer, 99th Air Base Wing commander, inspects a historical Native American site during the Nellis tribal meeting and the Nevada Test and Training Range, May 13, 2022. Many sites remain sacred and are historic to the descendants of the tribes who inhabited the area.



Native American leaders, Military leaders, archeologists and biologists overlook a historic native American site on the Nevada Test and Training Range, May 13, 2022. Nellis AFB initiated its Native American Program more than 25 years ago to increase the understanding between base leadership and culturally affiliated tribes. Within Nevada and the surrounding states of California, Utah and Arizona, many tribes maintain strong cultural ties to the NTTR, a 2.9 million-acre area used for Department of Defense training and research.



LEFT: Native American leaders, military leaders, archeologists and biologists descend into a historic native American site on the Nevada Test and Training Range, May 13, 2022. The Nellis tribal meeting was developed to preserve those areas and facilitate positive relations between the U.S. government and Native American community.



LEFT: Native American Tribe representatives and military leaders gather during the 2022 tribal meeting on the Nevada Test and Training Range, Nevada, May 13, 2022. The land utilized by the Department of Defense belonged to the Native Americans long before Nellis was established.



A historic Native American inscription remains at a Native American site on the Nevada Test and Training Range, May 13, 2022. The land used by the Department of Defense belonged to Native Americans long before Nellis was established. Many sites within the NTTR are well-preserved and remain sacred to members of those tribes that once inhabited the area.



# Make-A-Wish comes to Nellis



Air Force photographs

The 99th Logistics Readiness Squadron at Nellis Air Force Base, Nev., with the help of Make-A-Wish America, helped bring many of 15 year old Devan Horton's wishes to life. During his visit to Nellis, Devan was able to visit the F-35s at Lightning Aircraft Maintenance Unit, the Thunderbirds and the 66th Rescue Generation Squadron. While with the 66th RGS, Devan got to actually sit in and launch out one of the helicopters.



***Has The Market Your Business NEEDS!***

Military - Aerospace - Veterans

**Continuously Employed and Well-Paid**

In Print - Online - Socially Connected

***It's That Simple!***

**Call Today - (661) 945-5634 or (877) 247-9288 toll-free**

**Email: sbueltel@aerotechnews.com**




***Aerotech News and Review***


***High Desert Warrior-*** Fort Irwin NTC • ***Desert Lightning News-*** Nellis and Creech AFB

***Thunderbolt-*** Luke AFB • ***Desert Lightning News-*** Davis-Monthan AFB






**Pediatric Dental Care Associates**  
AT ALIANTE PARKWAY



### DENTISTRY FOR CHILDREN

Specializing in dentistry for children of all ages, including those with special needs.

Board Certified Pediatric Dentists  
Dr. Jon P. Galea  
Dr. Elizabeth J. McGee



**SPECIAL SERVICES**

- Nitrous Oxide
- Sedation
- Hospital Dentistry

Most insurances accepted.

**702-853-7322**

www.pediatricdentalcareassociates.com • 6365 Simmons St., Suite 100 • North Las Vegas • Located at the SW corner of Aliante and Centennial Parkway

**Creative Real Estate Associates**

**RENTAL HOMES IN**

- North Las Vegas
- Las Vegas
- Henderson

Rents from \$750


Contact us  
**702-450-5778**  
www.CreativeRE.com

JDRF is committed to accelerating life-changing breakthroughs to

**CURE | PREVENT | TREAT**

type 1 diabetes and its complications

A CFC participant.  
Provided as a public service.

 [jdrf.org](http://jdrf.org)



**10% OFF**  
with this coupon  
EXPIRES 07/23/22

Featuring Homemade Greek, Italian & Mediterranean

11am - 9 pm (Closed Mondays)

Dine In, Take Out, Curbside, Patio, Pet Seating

215 & Durango - Smith's Shopping Center  
7070 N. Durango @ Elkhorn

7175 W. Lake Mead Blvd. Ste. 130 • West exit of US-95 at corner of Rocksprings  
**702-396-0070 • www.marketgrillecafe.com**



**CRAIG RANCH VILLAS**

370 Casa Norte Dr, North Las Vegas, NV

2 & 3 Bedroom Apartment Homes • 642-0140

- Only 6 miles from Gate
- Fireplaces
- Non-Smoking Units\*

- Pet Friendly
- Washer & Dryers
- Reduced Rates for Military

Swimming Pool, Spa, Fitness Center, Club House,  
Covered Parking, Tot Lot, Vaulted Ceilings,  
Quiet Residential Neighborhoods

13 MILLION ACRES...  
AND COUNTING



**DUCKS UNLIMITED**  
A CFC participant - provided as a public service

For more information,  
go to [www.ducks.org](http://www.ducks.org)

# WALKER FURNITURE & MATTRESS

## 8<sup>TH</sup> ANNUAL HELP FOR HEROES



### DO YOU KNOW OF A VETERAN IN NEED?

#### ABOUT THE WALKER FURNITURE HELP FOR HEROES PROGRAM

At Walker Furniture, we strive to honor the men and women who serve our country. Our program helps Clark County active duty military personnel and veterans needing specialized furniture. Walker will help 12 local heroes by donating everything from lift chairs, adjustable beds, mattresses and other furniture to make their day to day lives a little easier. We partner with American Legion, Paradise Post 149 who assist us by reading the letters and verifying the needs of the recipients. We also partner with other local organizations like the Las Vegas Rescue Mission who offer services to the recipients. A huge thank you to the Road Kill Grill for providing food for the veterans and their families at a special event held to honor them for their service.

#### HERE'S HOW TO NOMINATE A HERO!

Nominations will be accepted  
Now thru August 14<sup>th</sup> - 2022.

The final 12 Local Heroes will be notified the third week of August.

**ONLINE:** [walkerfurniture.com/helpforheroes](http://walkerfurniture.com/helpforheroes)  
**EMAIL:** [submissions@walkerfurniture.com](mailto:submissions@walkerfurniture.com)  
**MAIL:** Locations listed below





**OR DROP OFF YOUR NOMINATION IN PERSON AT YOUR FAVORITE LOCATION**

301 S. Martin Luther King Blvd., Las Vegas, NV 89106  
671 Marks St., Henderson, NV 89014

Phone: 702.384.9300 • Shop 24/7 @[walkerfurniture.com](http://walkerfurniture.com)





GLAMOROL  
GLENNIS

## Nose Art

**Aerotech News** will publish  
**Nose Art - A Colorful Role in Aviation History** on **July 15, 2022.**

Throughout the years, nose art on civilian and military aircraft have taken on an iconic role in aviation history. From honoring loved ones to sending pointed messages, nose art holds a special place in the hearts of pilots and crew.

This special edition will include a history Nose Art throughout the years. Both informative and entertaining, this edition of Aerotech News is sure to be read cover to cover and kept for years to come.

SIZE	RATES
Business card – 3.325" x 2"	\$111.54
1/8 page – 3.325" x 5"	\$226.60
1/4 page – 5" x 6.5"	\$418.28
1/2 page – 10.25" x 6.5"	\$821.53
Full page – 10.25" x 13"	\$1587.30
<b>ALL ADS ARE FULL COLOR PRINT CIRCULATION: 20,000</b>	

**Advertising Deadline: July 5, 2022**

Call today at **(877) 247-9288 (toll free)** or **661 945-5634** to reserve your space in this very special keepsake edition of Aerotech News and Review.

Or, email us at: Sandi **[sbueltel@aerotechnews.com](mailto:sbueltel@aerotechnews.com)**

**Aerotech News & Review • High Desert Warrior - Ft. Irwin NTC • Desert Lightning News - Nellis AFB  
Thunderbolt - Luke AFB • Desert Lightning News - Davis-Monthan AFB**

 **AEROTECHNEWS.COM**

**661-945-5634 • 877-247-9288 • [www.aerotechnews.com](http://www.aerotechnews.com)  
[www.thinkmilitaryads.com](http://www.thinkmilitaryads.com) • [www.facebook.com/AerotechNewsandReview/](https://www.facebook.com/AerotechNewsandReview/)**



# NELLIS AFB AVIATION NATION AIR & SPACE EXPO 2022

## FEATURING THE USAF Thunderbirds!

F-35A Lightning II Demonstration Team  
F-22 Raptor Demonstration Team



## AIR SHOW SPECIAL EDITION

Patriotism and emotion will be flying high at this year's Nellis AFB Air Show. Your company can show its support for our military and reach out to a very captive audience by advertising in the official Air Show Edition of the Desert Lightning News, base newspaper for Nellis AFB.

Featuring a schedule of all events at this year's Nellis Air Show, the full-color Nellis Air Show 2022 Edition, will be distributed in all its regular Nellis AFB locations and over 200 locations throughout Las Vegas as well as distributed to spectators. It is estimated that over 200,000 people will attend the show. This edition will also be available in digital format, with all ads being linked to the advertiser's web site. Also, it should be noted that this publication is a souvenir item that will be kept and looked at long after the Air Show.

**Call now to reserve your ad space in this very special edition.**



**BASE PAPER FOR NELLIS AIR FORCE BASE**

**PUBLICATION DATE:**  
**NOVEMBER 4, 2022**  
**NELLIS AFB AIR SHOW**  
**NOVEMBER 4 - 6, 2022**  
**TOTAL CIRCULATION: 35,000**  
**ADVERTISING DEADLINE:**  
**October 20, 2022**

### ADVERTISING RATES

AD SIZE	Air Show Edition 11/04/22		Post Air Show Edition 11/20/22	
	Black White	Full Color	Black White	Full Color
Full pg. (10.25" x 13")	<b>\$1794<sup>00</sup></b>	<b>\$2496<sup>00</sup></b>	<b>\$1255<sup>80</sup></b>	<b>\$1747<sup>30</sup></b>
1/2 pg. (10.25" x 6.5")	<b>\$975<sup>00</sup></b>	<b>\$1326<sup>00</sup></b>	<b>\$682<sup>50</sup></b>	<b>\$928<sup>20</sup></b>
1/4 pg. (5" x 6.5")	<b>\$535<sup>00</sup></b>	<b>\$710<sup>50</sup></b>	<b>\$374<sup>50</sup></b>	<b>\$497<sup>00</sup></b>
1/8 pg. (3.325" x 5")	<b>\$295<sup>00</sup></b>	<b>\$385<sup>00</sup></b>	<b>\$206<sup>50</sup></b>	<b>\$269<sup>50</sup></b>
Business Card (3.325" x 2")	<b>\$127<sup>00</sup></b>	<b>\$163<sup>00</sup></b>	<b>\$88<sup>90</sup></b>	<b>\$114<sup>10</sup></b>
PREMIUM POSITIONS			PREMIUM POSITIONS	
Inside Cover	<b>N/A</b>	<b>\$2895<sup>00</sup></b>	<b>N/A</b>	<b>\$2026<sup>50</sup></b>
Back Cover	<b>N/A</b>	<b>\$3295<sup>00</sup></b>	<b>N/A</b>	<b>\$2306<sup>50</sup></b>

Lower rates for Air Show edition available when you sign up for minimum 8 issues of Desert Lightning News advertising.

**CALL FOR DETAILS.**

\*Post Air Show rates are available when ordered with Air Show edition ads.  
Post Air Show rates reflect a 30% Savings!!! All Rates Are Net To Publisher



**SPACE IS LIMITED • RESERVE YOUR AD TODAY!**



**(877) 247-9288 | email: sbueltel@aerotechnews.com**





NOVA POINTE



ARIES POINTE



NOVA POINTE



ARIES POINTE



LYRA POINTE



LYRA POINTE



NOVA POINTE



LYRA POINTE



D.R. HORTON VOTED BEST  
HOME BUILDER  
4 YEARS IN A ROW



**VALLEY VISTA**

Two-Story Homes & Townhomes | 1,319 – 2,665 Sq. Ft.

Located at N. Decatur Blvd. & Farm Rd.  
North Las Vegas, NV 89084

#drhortonvegas #ValleyVista #bestoflasvegas

**CONTACT FOR INFO: (702) 297-7800 | LVSalesInfo@drhorton.com**

D.R. Horton is an Equal Housing Opportunity Builder. Prices, included features, availability and delivery dates are subject to change without notice or obligation and subject to builder discretion. Images are representational only. Square footage is approximate; actual measurements may vary. Map is not to scale. D.R. Horton, Inc.: Nevada Real Estate Division License #B.0146246.CORP. Contractors License #0039179.