

Commander moves base to HPCON Charlie

60th Air Mobility Wing Public Affairs

The 60th Air Mobility Wing commander has directed Health Protection Condition Charlie in response to

COVID-19, beginning Dec. 16. Col. Corey Simmons, 60th AMW commander, has implemented HPCON Charlie in response to the increased spread of COVID-19 in the locommunity, substantial

public health alert in the state, said. "We will balance the crit-require an approved base pass. ty's shelter-at-home order effective Dec. 17.

"Our primary focus is the health and safety of our Airmen tinue on the installation. All visit https://www.travis.af.mil/ and their families." Simmons visitors to the installation will Coronavirus/.

and to align with Solano Counical need to protect our Team Airmen and families are en-Travis community while safe- couraged to limit personal travguarding our mobility mission." el except for essential purpos-Essential missions will cones. For additional local impact,

Devil Raiders help in Honduras after hurricanes

Tech. Sgt. Luther Mitchell Jr.

621ST CONTINGENCY RESPONSE WING PUBLIC AFFAIRS

JOINT BASE MCGUIRE-DIX-LAKE-HURST, N.J. — A team of 14 Devil Raiders from the 621st Contingency Response Wing deployed to Honduras to assist humanitarian aid and disaster relief efforts in the aftermath of Hurricane Iota, which hit the region Nov. 16.

The Airmen from the 621st Contingency Response Group formed an assessment team and deployed from Joint Base Mc-Guire-Dix-Lakehurst, New Jersey, accompanied by two language-enabled air advisors from the 571st Mobility Support Advisory Squadron at Travis Air Force Base, California, in support of U.S. Southern Command, Joint Task Force-Bravo and the U.S. Agency for International Development efforts.

The team facilitated the opening of landing zones and airports in the areas hit hardest by Hurricane Eta and Hurricane Iota.

The assessment team, also known as "Alpha Mike," routinely trains and prepares for humanitarian aid and disaster relief operations and was able to rapidly respond with its unique capabilities to assess airfield suitability to receive fixed wing aircraft.

In less than 84 hours from arrival, the

Tailwind

Col. Corey A. Simmons Tech. Sgt.

60th Air Mobility Wing

1st Lt. Jasmine Jacobs

Chief of command information

Travis AFB, Calif. | 60th Air Mobility Wing

Air Force

Daily Republic

Tailwind editor Copy editor

Nick DeCicco | Todd R. Hansen

Iames Hodgman

Senior Airman

Christian Conrad

team surveyed, cleared and opened a contingency landing zone, said Col. Gregory Cvrus, 621st CRG commander.

The team assessed an international airport in San Pedro Sula after catastrophic flooding inundated the airport with several feet of water and mud. Cyrus said. The team also worked with Honduran officials and local representatives to clear hundreds of yards of dense vegetation from around another landing zone.

"Whether civilian or military-affiliated, the people of Honduras are friendly, welcoming, and most of all, resilient," Cyrus

The AM team integrated with JTF-B to support disaster relief operations and supported the completion of multiple mission tasking assignments for USAID.

"The U.S. Air Force and Air Mobility Command have unmatched capabilities to rapidly respond to world events, from combat operations to humanitarian crisis," Cyrus said. "Our small footprint allows us to move fast, and our flexibility allows us to tailor our equipment to meet almost any requirement and mode of transportation."

In a change of pace, air advisors from the 571st MSAS at Travis AFB were included in the team of 14 as language and culture ex-



U.S. Air Force Master Sgt. Bryan Masters, 621st Contingency Response Squadron airfield manager, left, and U.S. Air Force Tech. Sgt. Luis Barrios, 621st CRS airfield manager, on Nov. 24 perform a C-130 Hercules aircraft suitability check to assess the See HONDURAS Page 18 ability of the aircraft to safely land at Aguacate landing zone in Catacamas, Honduras.

The Tailwind is published by the Daily Republic, Fairfield, California, a private firm in no way connected with nonmerit factor of the purchaser, user or patron.

While most of the editorial content of the Tailwind is prepared by the 60th Air Mobility Wing Public Affairs office for its Web-based product, the content for the Tailwind is edited and prepared for print by the Daily Republic staff.

Content of the Tailwind is not necessarily the official view of, nor is it endorsed by the U.S. Government, the by noon Monday for possible print in that Friday's issue. Department of Defense or the Department of the Air

The appearance of advertising in the publication, including inserts or supplements, does not constitute endorsement by the Department of Defense, the Department of the Air Force or the Daily Republic, of the products or services advertised.

Everything advertised in the publication shall be made available for purchase, use or patronage without regard to race, color, religion, sex, national origin, age, marital sta-

tus, physical handicap, political affiliation or any other

Correspondence can be sent to the 60th Air Mobility Wing Public Affairs staff, Tailwind, 400 Brennan Circle, Bldg. 51, Travis AFB, CA 94535-2150 or emailed to 60amwpa@us.af.mil.

Deadline for copy is 4:30 p.m. Friday for the following Friday's issue. Swap ads must be brought to Bldg. 51 Emailed or faxed Swap Ads are not accepted.

Those on base wishing to receive home delivery of the Tailwind can call 427-6975 today.

For information on paid advertising and on base circulation, call 425-4646. Correspondence can be sent to: Daily Republic. 1250 Texas St., Fairfield, CA 94533 or faxed to

Visit the Travis public web site at http://www.travis. af.mil. Read the Tailwind online at http://tailwind.daily

Table of contents

Cover story	10-11
Puzzles	12
Worship services	13-14
Classifieds	17
Parting Shots	19

On the cover

The 60th Security Forces Squadron tests a small unarmed aircraft Feb. 25 at Travis Air Force Base, California.

U.S. Air Force photo/Nicholas Pilch

349th hands out toys, bikes

DECEMBER 18, 2020



Members from around the 349th Air Mobility Wing and Team Travis hosted a toy and bike giveaway Dec. 13 at Travis Air Force Base, California. U.S. Air Force Tech. Sgt. Armando Lucero with the 749th Aircraft Maintenance Squadron served as the event coordinator. U.S. Air Force Senior Master Sgt. Jared Pitts of the 349th Security Forces Squadron, U.S. Air Force Master Sgt. Laura Burk and U.S. Air Force Tech. Sgt. Stephanie Pitts of the 349th Maintenance Group, and Senior Airman Armando Campaña, 749th AMXS, supported the event that served more than 500 families from the local area, giving away 244 bicycles and nearly 1,000 toys.

Flight uses artificial intelligence

Secretary of the Air Force Public Affairs

TRAVIS/AIR FORCE

BEALE AIR FORCE BASE, Calif. — Signaling a major leap forward for national defense in the digital age, the Air Force flew with artificial intelligence as a working aircrew member onboard a military aircraft for the first time Dec. 15.

The AI algorithm, known as ARTU_µ, flew with the pilot, U.S. Air Force Maj. "Vudu", on a U-2 Dragon Lady assigned to the 9th Reconnaissance Wing at Beale Air Force Base. Air Combat Command's U-2 Federal Laboratory researchers developed ARTU μ and trained it to execute specific in-flight tasks that otherwise would be done by the pilot.

The test flight was the result of years of concerted effort within the Air Force to apply cutting-edge technology to military operations as it competes with other world powers in the digital age.

"ARTU μ 's groundbreaking saries." flight culminates our threevear journey to becoming a digital force," said Dr. William Roper, assistant secretary of the Air Force for acquisition, technology and logistics. "Putting AI safely in command of



TAILWIND 3

Maj. "Vudu", a U-2 Dragon Lady pilot assigned to the 9th Reconnaissance Wing, prepares to taxi after returning from a training sortie Dec. 15 at Beale Air Force Base, California. This flight marks a major leap forward for national defense as artificial intelligence took flight aboard a military aircraft for the first time.

a U.S. military system for the reconnaissance mission durfirst time ushers in a new age ing a simulated missile strike. of human-machine teaming ARTUµ's primary responand algorithmic competition. Failing to realize AI's full potential will mean ceding decision advantage to our adver-

During this flight, ARTUμ was responsible for sensor employment and tactical navigation, while the pilot flew the aircraft and coordinated with the AI on sensor operation. Together, they flew a

sibility was finding enemy launchers while the pilot was on the lookout for threatening aircraft, both sharing the U-2's radar.

The flight was part of a precisely constructed scenario which pitted the AI against another dynamic computer algorithm in order to prove the new technology.

See Al Page 16

Power outage

A basewide power outage for Travis Air Force Base is scheduled from 6 a.m. to noon Dec. 19. During the power outage, maintenance will be completed. This power outage will impact Balfour Beatty housing residents, as well as dorm residents.



Name: Airman 1st Class Erica Josue.

60th Communications Squadron.

Duty title:

Cyber operations technician.

Hometown: Stockton, California.

Time in service: One year.

Family:

Mom. Dad. three brothers and one sister.

What are your goals?

Traveling around the world and creating self-published graphic books/magazines.

What are your hobbies?

Digital art media, drawing, longboarding, and playing video games.

What is your greatest achievement?

Winning technician of the month for February. Coined by the wing commander and command chief. 4 TAILWIND AIR FORCE **DECEMBER 18, 2020 DECEMBER 18. 2020** ARMED FORCES



U.S. Air Force Col. John Schutte, 19th Airlift Wing commander, center, addresses Airmen at the first official Diversity and Inclusion Airmen's Forum Charter Oct. 6 at Little Rock Air Force Base, Arkansas. The forum is composed of Airmen ranging in rank from airman 1st class to major. The forum also includes Department of Defense civilians.

Little Rock starts Airmen's forum

Airman 1st Class Isaiah Miller 19TH AIRLIFT WING PUBLIC AFFAIRS

FORCE BASE, Ark. — Little Rock Air Force Base is committed to delivering a diverse workforce that embraces a variety of perspectives and recognizes the talents of all of its Airmen. In direct support of this, the base has established a Diversity and Inclusion Airmen's

Forum.

The mission of the forum is to assemble a council of Airmen from diverse ranks, backgrounds and communities, focused on forging organizational cultures in which trust, empowerment and accountability is melded with the warrior ethos; where diversity is valued as a personnel readiness multiplier and cilitate the forum's goals as to look at ourselves to see

each individual has the op- they move forward. portunity to exert their maximum potential to help one

"The Diversity and Inclusion Airmen's Forum is an awesome initiative that gives folks the opportunity to have some hard-hitting and sometimes difficult conversations in a safe and controlled environment," said Tech. Sgt. Langston Anthony, the forum's co-chairperson. "The forum removes any barriers or obstacles from Airmen having the opportunity to weigh in on decisions made

at the base level with relation to diversity and inclusion." The 19th and 314th Airlift Wing command chiefs assisted the forum by providing guidance and mentorship, as well as helping fa-

"This is about leveraging unique strengths, perspectives and experiences to help solve complex issues,: said Chief Master Sgt. Steven Hart, 19th AW command chief. "The collective intelligence of these professionals of varying backgrounds will inherently bring out new and innovative ideas, which is vitally important to our mis-

The forum is composed of Airmen ranging in rank from airman 1st class to major. The forum also includes Department of Defense civilians. This provides a wellrounded and full-spectrum of experience, both personally and professionally.

"In order to create change, our first step is

where we can change our own mindset and perspective," said Airman 1st Class Hajjii Frederick, Diversity and Inclusion Forum cochairperson. "The challenge is a great one, but I believe no matter what my rank is, I bring a lot of personal experience to the table."

The vision of the forum is to foster an inclusive environment where individuals are respected and valued for their differences and abilities, that is not hindered by prejudicial barriers, stereotypes or restrictions.

"It is an honor to be a part of this," said Chief Master Sgt. John Chilcote, 314th AW command chief. "We have an opportunity to make meaningful changes through the recommendations provided

Team explores supersonic executive transport

Daryl Mayer

AIR FORCE LIFE CYCLE MANAGEMENT CENTER PUBLIC AFFAIRS

WRIGHT-PATTERSON AIR FORCE BASE, Ohio — Always looking for new capabilities, Air Force Life Cycle Management Center's Presidential and Executive Airlift team is partnering with leading aviation companies to explore the possibility of supersonic travel.

"Think about shrinking the world by getting somewhere twice as fast," said Brig. Gen. Ryan Britton, Presidential and Executive Airlift program executive officer.

On the latest episode of AFLCMC's Leadership Log podcast, Britton spoke about industry efforts underway now that could reduce flight times by more than 50%.

The idea came about while exploring potential future requirements in executive travel and learning about burgeoning interest in supersonic travel within private business in the United States.

"We were able to identify several opportunities where we could use small-business money with some investments from my portfolio to begin to seed these opportunities for supersonic travel," Britton said.

To date, the team has partnered with Boom Supersonic in Colorado, Hermeus in Georgia and Exosonic in California. Each company is exploring different aspects or approaches to high-speed travel.

"From an Air Force perspective, we would never holistically invest in commercial transport for executive airlift to fly supersonic and do it all ourselves. But if we can pair our investments with

See SUPERSONIC Page 16

First trainees graduate directly into Space Force

Annette Crawford

37TH TRAINING WING PUBLIC AFFAIRS

JOINT BASE SAN ANTONIO-LACKLAND, Texas — History was made at Joint Base San Antonio-Lackland Dec. 10 as the first seven people to enlist directly into the U.S. Space Force graduated from basic military training.

The five men and two women were among the 414 recruits who completed seven and a half weeks of training. Assigned to the 320th Training Squadron, their training began Oct. 20. The new Space professionals are: Amy Biggers, Virginia Beach, Virginia; Giahna Brown, Woodbridge, Virginia: Delvano Brown, Gaithersburg, Maryland; Benjamin Nevoraski, Virginia Beach, Virginia; Shane Brown, Elijah Engelby, Colorado Springs, Colorado: and Nathan Ramage, Falcon, Colorado.

Secretary of the Air Force Barbaat the graduation ceremony, which was streamed live on Facebook. She spoke to the graduates about joining a heritage of integrity, service and excellence, and mentioned three Airmen who represent those ideals. One of those Airmen was retired Lt. Gen. Susan Helms, who flew more than 30 different types of aircraft 12 years as an astronaut.

"General Helms was the first U.S. military woman in space. She still holds the world record for the longest space- as processes for recruiting and training



ra M. Barrett was the featured speaker Basic military training trainees take the Oath of Enlistment during their graduation ceremony, Dec. 10, at Joint Base San Antonio-Lackland, Texas. Seven members of the graduating class are the first Space Force trainees to graduate.

represents the caliber of talent the Space Force is recruiting.

"So, it is fitting that we celebrate the historic milestone of graduating the first as an Air Force test pilot and then served seven trainees to the United States Space Force." Barrett said.

The number of Space Force trainees will continue to increase over time

said. She added that Helms, in particular, to recruit a little more than 300 enlisted members through the end of the fiscal year. There are currently another 13 trainees at BMT with seven more scheduled to arrive later this month.

Through January, all Space Force accessions will become space systems operations specialists and in February, new accessions will join for positions in additional career fields such as operations inwalk – 8 hours and 56 minutes," Barrett are solidified, and the Space Force plans telligence and cyber systems operations.

Chief of Space Operations Gen. John W. "Jay" Raymond spoke to the graduates before administering the Oath of Enlistment. He said that while every Basic Military Training graduation ceremony was important, the one on Dec. 10 was historic as it was the first to send seven "of our nation's finest directly into the new United States Space Force."

Raymond challenged the seven Space Force professionals.

"I need you to be bold. You will help us build this service from the ground up. You will help us define our warfighting culture. You will build the Space Force as the first digital service. You will lay the foundation of a service that is innovative and can go fast in order to stay ahead of a significant and growing threat, and you, if deterrence fails, will fight and win the battle for space superiority which is so vital to our nation, our allies and our joint and coalition forces," he said, adding that "the nation expects you to deliver dominant Spacepower."

"The Air Force develops the best enlisted force in history, and we proudly and confidently secure our efforts on that foundation," said Chief Master Sgt. Roger A. Towberman, U.S. Space Force senior enlisted advisor. "We are proud our trainees know they're part of the Space Force from day one, and we added a bit of space flavor to the curriculum toward that end. Over the next year, we'll continue to improve their experience based on

See SPACE FORCE Page 12

SCOTUS ruling boosts Air Force's effort to combat sexual assault

Charles Pope

SECRETARY OF THE AIR FORCE PUBLIC AFFAIRS

ARLINGTON, Va. — In a unanimous ruling, the U.S. Supreme Court has reinstated rape convictions against three men in the Air Force, deciding that a lower military court improperly nullified the prosecutions and that the error was so stark that "resolving the question does not require lengthy analysis."

While the case, United States v. Briggs, was arcane and narrow, the Dec. 10 ruling settled a troublesome legal question that required

"statute of limitations" for cases originating between 1986

That narrow window, established by a now discarded 2018 ruling from the Court of Appeals for the Armed Forces, differed from the current version of the Uniform Code of Military Justice, which, in 2006, made clear that for rape and sexual assault offenses, there are no statute of limitations. This parallels most civilian courts as well as provides victims time to decide what to do after such a traumatic event.

Though the Supreme Court rape and sexual assault cases specifically examined the role

to be investigated, prosecuted of the death penalty in the casand completed within a 5-year es and its treatment under the UMCJ, the Court acknowledged that a longer period of time is the correct constitutional approach given the difficulties inherent in rape cases.

"The trauma inflicted by such crimes may impede the gathering of the evidence needed to bring charges," Justice Samuel Alito wrote in the decision, "Victims may be hesitant for some time after the offense about agreeing to testify. Thus, under current federal law, many such offenses are subject to no statute of limitations."

See RULING Page 15

As a result, the Court

Nancy Price-Branson CENTURY 21

Let My Experience, Make Your

Home Buying or Selling Experience,

Cellular (707) 718-1989

nprice@c21mm.com 301 Dickson Hill Road, Fairfield, CA 94533

ach Office is independently Owned and Operate



PAZDEL CHIROPRACTIC, INC.

Headache?

ww.PazdelChiropractic.com

258 Sunset Ave., Ste. I, Suisun City 429-4861

Se Habla Español

Single-lane **NORTH GATE CLOSURES** begin Dec. 31

Providing VA Loans Locally!

Fulfilling the dream of Homeownership for our Veterans since 1994

We can EASILY close a VA loan transaction in 19 - 22 days here locally, So if you want to get it done Quickly at a Great Rate and Low Fees, with the same person from the beginning till the end, Let's Talk.

We have NO OVERLAYS! We can do a VA Loan 2 yrs after a Short Sale, Foreclosure or Bankruptcy AND we can do scores down to 580 and ratios up to 65%!

We have been able to successfully get COE's approved when other companies cannot get your eligibility restored!

We regularly beat other lenders quotes and we are right here Locally near the 'In and Out Burger'.

We DO Your VA IRRL's at the Very Lowest Rate available, Quicker than anyone else! No Appraisal, No Fuss, Just a quick REFINANCE into the lower 2's to save you \$200-\$500 a month! We can also do a VA JUMBO purchase anywhere in CA to 1.5Million at \$0 Down!

JUMBO VA Rates now in the Low 2% Range!

George R. Kalis Broker/Owner

707.759.5129



We can use ANY Bank or Investors Wholesale dept. we are not confined to just one source!

1300 Oliver Rd., Ste. 140 • Fairfield • George@NIMBLoan.com • NMLS #270402 • DRE#02077932 • NMLS #1818509

B-1B completes external release demonstration

Giancarlo Casem

412TH TEST WING PUBLIC AFFAIRS

Flight Test Squadron successfully conducted an external weapon release demonstration at Holloman Air Force Base, New Mexico, Dec. 4.

"The Air Force Test Center is enthusiastically teaming with Air Force Global Strike Command to enable greater flexibility in bomber payloads," said Maj. Gen. Christopher Azzano, Air Force Test Center com-B-1B external carriage reflects the potential to keep weapon systems in the fight with increased combat capability."

A B-1B Lancer assigned to the 412th Test Wing's 419th FLTS launched an inert Joint Air-to-Surface Standoff Missile from an external pylon underneath the aircraft's fuselage. The external pylon usually carries the "Sniper" targeting pod.

This release demonstration also put AFGSC one step closer to building the future bomber EDWARDS AIR FORCE fleet for the Department of De-BASE, Calif. — The 419th fense and U.S. Air Force while utilizing current resources. "Arming a limited number of

B-1s with more weapons externally could enable Global Strike Command to provide more weapons for geographic combatant commanders while putting fewer aircraft and aircrew in harm's way," said Gen. Tim Ray, commander of AFGSC. "Airmen continue to rise to the challenge, modernizing, adaptmander. "Demonstration of ing and innovating the fleet we have while bridging to the fleet of the future."

"A targeting pod pylon was modified mechanically to allow for different connector configurations, and the internal wiring was replaced with harnesses that would support its new role," explained N. Keith Maynard, 812th Airborne Instrumentation Test Squadron.

See B-1B Page 12



FURNITURE

VISIT OUR VACAVILLE STORE AND ASK ABOUT OUR

> **MILITARY** DISCOUNT'

"APPLIES TO REGULAR PRICED PURCHASE ONLY. TERMS APPLY, VISIT STORE FOR DETAILS

STORE HOURS MONDAY - SATURDAY: 10AM - 6PM SUNDAY: 11AM - 6PM

www.scandinaviandesigns.com





Two jack-screw mounting brackets for a KC-135 Stratotanker are displayed by the 92nd Maintenance Squadron aircraft metals technology flight during a demonstration Nov. 19 at Fairchild Air Force Base, Washington. The 92nd Maintenance Squadron aircraft metals technology shop, created a jack-screw mounting bracket for the KC-135 after the discovery of a damaged bracket during an inspection.

92nd MXS innovates bracket

Airman 1st Class Anneliese Kaiser

DECEMBER 18, 2020

92ND AIR REFUELING WING PUBLIC AFFAIRS

FAIRCHILD AIR FORCE BASE, Wash. — The 92nd Maintenance Squadron aircraft metals technology shop, created a jackscrew mounting shop Airmen, used their trainbracket for the KC-135 Stratotanker after the discovery of a damaged bracket during an inspection.

Tech. Sgt. Robert Sabins. 92nd MXS aircraft metals technology section chief, and the blueprints and take all of Tech. Sgt. Eric Kozma, 92nd MXS aircraft metals technology shift lead, were tasked by the reverse engineering team at Tinker Air Force Base, turer software communicates Oklahoma, with designing and building a new bracket.

"Back in January, they [maintainers] found a cracked bracket," Sabins said. "We got one in from supply and that one didn't work out, because these brackets are very specific. Back in the '50s when they designed the aircraft and started building them, they type, the bracket is now indrilled the holes in the bracket stalled and awaiting testing.

The blueprints available for the bracket are from 1954. and used an outdated magnesium casting process. Rather than using the outdated process to create the bracket, Sabins, Kozma and fellow metals ing and expertise to design a 3D model of the bracket and program a milling machine to create the first prototype.

"I used Computer Aided Design software to look at those measurements to draw the bracket in 3D on my computer," Sabins said. "Then the Computer Aided Manufacwith the Computer Numerically Controlled milling machine. The software spits out numbers and coordinates to tell the machine where to cut on the block of metal so it'll end up matching what it looks like on the computer."

After five months of working to create the first proto-

Once the aircraft has flown with the bracket, the aircraft metals technology team will be able to generate more brackets, saving the fleet of KC-135s from the aircraft boneyard.

"We now have a proven program," Kozma said. "Once the operations check and confidence flight happens, we have another chunk of metal ready to pump out another bracket, which will now only take about six days to make."

Through the innovations and actions of the 92nd MXS aircraft metals technology Airmen. Team Fairchild can continue to ensure the revitalization of the KC-135 fleet and success of the rapid global mobility mission. "Thanks to the teamwork

of our aircraft metals technology section technicians, the KC-135 systems program office engineers and our partners at the Oklahoma City Air Logistics Center, we are able to solve this extremely complex problem," said Col. Michael O'Connor, 92nd Maintenance Group commander.

CBM+ may redefine aircraft maintenance

Daryl Mayer

AIR FORCE LIFE CYCLE MANAGEMENT CENTER PUBLIC AFFAIRS

WRIGHT-PATTERSON AFB, Ohio — About five years ago, the Air Force embarked on a journey with Condition Based Maintenance Plus, to shift the sustainment enterprise from "flying to failure" he said. to a "flying to forecast" mind-

In a recent episode of Air Center's Leadership Log podcast, Chris Damani, CBM+ Program Office chief, detainment paradigm that is scale. transforming the way the Air Force sustains its fleet. The central element is leveraging artificial intelligence and machine learning to turn sustainment data into valuable knowlcontrol of their sustainment and logistics operations.

"Overall the future of CBM+, as I see it, is that CBM+ model or that CBM+ paradigm just being ingrained into the way we sustain our fleet and that it's just not just another gimmick or buzzword, across the Air Force.

Avoiding unscheduled downtime, being able to plan maintenance actions, forecast supply needs to avoid rush ordering parts, decreasing mission aborts and decreasing troubleshooting time are all

benefits that ultimately lead

to increasing fleet readiness,

it's just the way," Damani said.

The program showed results from the beginning, he said. Prototype projects from Force Life Cycle Management CBM+ in the 2018/2019 time frame showed sufficient progress to warrant the Rapid Sustainment Office's board of discribed CBM+ as a new sus-rectors to order CBM+ to

"Meaning that the technology had proven the benefit and we were approved to implement the project across the Air Force," Damani said. "Based on that decision in Decemedge that puts the Air Force in ber 2019, less than a year ago, we were challenged to scale CBM+ to 12 weapons systems in Fiscal Year 2020.

The successful results of that effort, he said, show CBM+ as a scalable, repeatable process that can be applied to different platforms



8 TAILWIND **DECEMBER 18, 2020 DECEMBER 18, 2020** AIR FORCE TAILWIND 9

DOD 'transformative' in Warp Speed, official says

Military Health System Communications Office

The director of the Department of Defense's Operation Warp Speed told The Society of Federal Health Professionals that he is 'incredibly proud' of the work his team has done with the Department of Health and Human Services in finding a vaccine for COVID-19.

Dr. Matthew Hepburn's praise for the DOD came during a speech to the AMSUS virtual annual meeting Dec. 8.

The DOD's role in Operation Warp Speed was "transformative," said Hepburn, OWS development lead, pointing to op- tions. erational planning, logistics and supply chains, which "is in our DNA" at DOD. "It comes very naturally because that is what we do ... and that has made all the difference," he told the audience of more than 1.500 online

For example, he said DOD's expertise in obtaining contacts quickly resulted in OWS getting "a really good deal in record time that was mutually beneficial" to the six vaccine manufacturers the joint operation decided to pursue for an approved vaccine for COVID-19. Those manufacturers are Pfizer, Moderna, AstraZeneca, Janssen,

Novavax, and Sanofi.

fense's unique contracting experience ... and other transactions have allowed us to come from where we think are the right contacts to having long-term contracts," Hepburn said.

plied for emergency use authorization from the Food and Drug Administration. Pfizer's application was reviewed by an FDA advisory committee of vaccine experts Dec. 10, and Moderna's application was scheduled for review Dec. 17. The FDA usually, but not always, accepts its advisory panels' recommenda-

8 that its review of the Pfizer vaccine found it to be safe and efficacious, meeting the requirements for emergency use authorization. The vaccine showed a strong protective effect after the first of two doses, according to the FDA.

The OWS' chief operating officer, U.S. Army Gen. Gustave Perna, "has been very clear that we will have trucks rolling within 24 hours of approval of the first vaccine," Hepburn said.

Once the vaccine is first available to frontline health care workers and elderly care facilities, "we need vou to tell

"The Department of De-Pfizer and Moderna have ap-

The FDA announced Dec.



Crystal Tyler, pharmacy technician, prepares an injection for an Operation Warp Speed patient volunteer Nov. 16 at Brooke Army Medical **Center Fort Sam Houston, Texas.**

our communities that this is just one layer of a multi-level strategy" to protect against COV-ID-19, he stated.

He urged the health care community "to convey a message that these vaccines are safe and efficacious, and that vaccination is important" as a counterpoint to widespread misinformation in the general public about vaccines and the need for vaccination against the disease.

Clinical trials for the

candidate vaccines are ongoing and represent the diversity of the general population, Hepburn said, and were done "in anticipation of trying to increase confidence" among the public. For example, at least 25% of clinical trial participants are over the age of 65, a population not normally used for clinical trials but one at greater risk from COVID-19, he noted.

ed for immunizations is "really" paradigm, he said.

a moving target, which is not necessarily a bad thing." Hepburn said. "The consistency and cadence of manufacturing improves over time, and more doses are available than we thought would be available last week."

OWS' project team asks for "more doses on a daily basis."

Armed services research efforts prior to the pandemic will allow for future innovation and speed of vaccine and therapeutics development, Hepburn said.

"If we hadn't made those investments 10 years ago, there is no way we could have achieved the speed" of going from research and development, to candidates, to clinical trials, to approval and distribution, he said.

He noted that the DOD's "clinical research enterprise led us to be involved in the enrollment right now in the AstraZeneca clinical trials."

He called the department's research enterprise "an incredibly powerful tool to confront 21st century threats," and that "this is the new standard for rapid product development, and will apply not only to pandemics but also to develop product for combat health in half the time. Imagine how fast we could go in The number of doses need- force protection" using the new

Hurlburt supports largest Army warfighter exercise

Deb Henley

505TH COMMAND AND CONTROL WING PUBLIC AFFAIRS

HURLBURT FIELD, Fla. — The 505th Command and Control Wing supported the U.S. Army's Mission Command Training Program dur-

ing its execution of 21-1, the

largest WFX ever conducted. The exercise trained more than 5,300 joint warfighters and accomplished training obes using more than two dozen different systems connecting

seven sites across the country. WFX 21-1 was not initially planned for 12 training nior leaders from both services.

audiences, but when WFX 20-4 and 20-5 were canceled due to COVID-19; their TAs moved to WFX 21-1. To ensure Army warfighters were adequately trained for current and emerging mission sets, WFX 21-1 increased its training audience by over 2.300 personnel.

The 505th CCW Detachment 1. Fort Leavenworth, Kansas. served as the Air Force's liaison during WFX 21-1 and replicated doctrinally correct air jectives for 12 training audienc- component capabilities to the Army warfighters.

WFX 21-1 met all training objectives for the Army major combat units involved and se-



Military Health System Communications Office

The Defense Health Agency's COVID-19 Convalescent Plasma, or CCP, collection was a significant success in 2020, exceeding its goal and helping more than 200 Department of Defense beneficiaries who had been hospitalized with the deadlv disease.

The DOD campaign resulted in the acquisition of 10,745 units of the plasma donated by active-duty personnel, military retirees. their families, and non-DOD civilians who were designated as fully recovered from COVID-19. The goal of the secretary's campaign, which ended Sept. 30, was to collect 10,000 CCP units.

The Defense Health Agency launched this donation drive on June 1 through its more than 20 Armed Services Blood Program centers across the continental United States and overseas to collect plasma to support the development of an effective treatment for those seriously ill with the virus.

As of Nov. 30, 204 patients within the Military Health System had been transfused 322 units of CCP, said ASBP Division Chief Army Col. Audra Taylor. Typically, one or two units are administered to each patient. At the outset of COVID, when CCP became available as an investigational product by the Food and Drug Administration, the treatment was for severely ill patients.

"Since those early days, the recommendations for treatment are earlier," Taylor noted.

Almost all patients who require supplemental oxygen now also get CCP, noted Air Force Col. Stacy Shackelford, Joint Trauma System



U.S. Navy photo/Jaciyn Matanane

Plasma collected from Sailors by staff at U.S. Naval Hospital Guam is displayed June 2. The Sailors have recovered from COVID-19.

creates infection-fighting antibodies contained in their plasma. Plasma with these infection-fighting antibodies is called "convalescent plasma." By donating blood or plasma, a patient who has recovered fully provides CCP rich in antibodies to a sick patient who is still fighting the virus to boost their immune system and help them recover

Since the close of the initial CCP drive, the Armed Services Blood Program has transitioned to a plan to ensure adequate supplies of CCP for future DOD beneficiaries.

"The ASBP recruiters and blood donor centers continue to use the tools and processes developed for the recruitment of potential donors The immune system of a to support the sustainment of

cluding the combatant commands.

Unfortunately, CCP has a one-year shelf life, so collected units will begin to expire in 2021. Therefore, there is no

end date for collection, Taylor noted. A new CCP collection challenge comes with the new COVID-19 vaccines, which, when approved by FDA and distributed for vaccination, will "have an impact on the availability of potential donors as the vaccines come with a deferral period," she explained.

At a Nov. 16 ceremony honoring the success of the CCP drive, Army Lt. Gen. (Dr.) Ronald Place, direc-COVID-19-positive patient the Department of Defense tor of the Defense Health

medicine remain inspired by the belief that a well-integrated organization across functions, across military departments, and unified in its strategic execution, both internally and with our partners in civilian medicine. strengthens the health and readiness of the force, he explained

To donate convalescent plasma, donors must meet basic donation requirements. Donations can be done apheresis, a form of plasma collection.

To qualify for the program, participants must:

 Have evidence of CO-VID-19 documented by two those goals.

ion, that's the best kind of tests for SARS-CoV-2 antioutcome for our health sys- bodies after recovery, if prior diagnostic testing was not performed at the time COV-ID-19 was suspected.

> · Have a complete resolution of symptoms at least 14 days before donation.

· Undergo potential additional testing if ever pregnant to determine if HLA antibodies have developed.

The DOD's primary goals against the pandemic are to protect its people, maintain readiness and support the national COVID-19 response. In addition to aiding in the development of new through whole blood or therapeutic treatments for COVID-19-positive patients in DOD facilities, CCP contributes to the overall efforts to combat the disease, thus helping accomplish each of

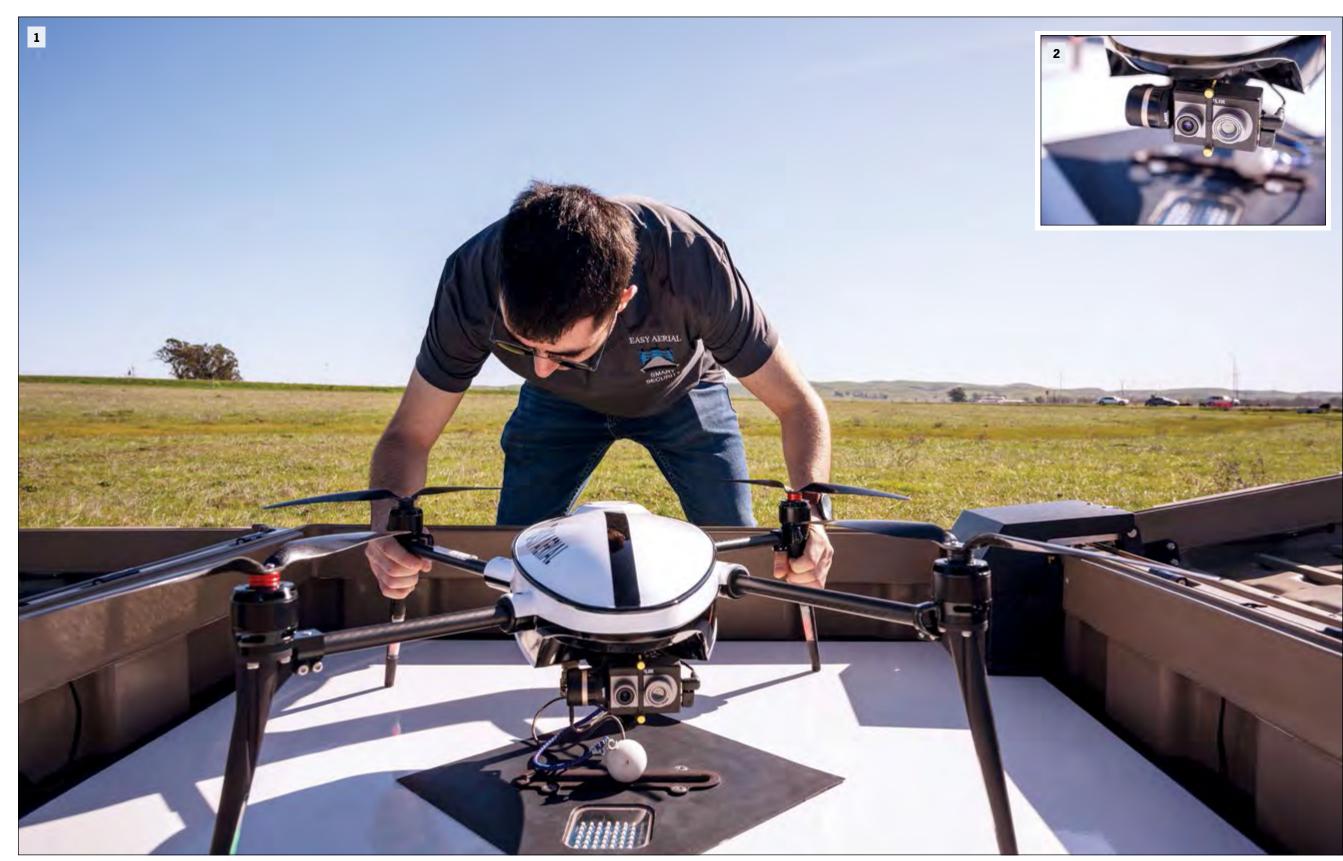


1245 Illinois St., Fairfield, CA

Present This Ad for **10% Discount** off any Repair or Service!

10 TAILWIND **DECEMBER 18. 2020** TAILWIND 11

Travis launches small unarmed aircraft initiative



1) Vazgen Petrosyan, engineer for the Easy Aerial drone, inspects the drone before a test flight Feb. 25 at Travis Air Force Base, California. The drone will provide security forces Airmen with additional quick response options for a variety of scenarios. 2) The 60th Security Forces Squadron tests a drone Feb. 25 at Travis.

Airman 1st Class Karla Parra

60TH AIR MOBILITY WING PUBLIC AFFAIRS

The 60th Security Forces Squadron, in collaboration with Easy Aerial, a leading provider of autonomous drone-based monitoring solutions, launched the first automated dronebased perimeter security system for the United States Air Force here Dec. 11.

The small unarmed aircraft initiative redefines on-base perimeter security systems to potentially advance warfighting capabilities, enhance strategic deterrence and foster full-spectrum readiness across the Air Force.

"Easy Aerial's unmanned aerial systems are a game-changer," said Master Sgt. Joshua Hicks, 60th SFS small unmanned aircraft system instructor. "This jointly developed technology will provide unparalleled security and safety for our Airmen and critical assets."

Upon receiving a security trigger such as a fence alarm, fire alarm or other distress call, the Smart Air Force Monitoring System, can be programmed to automatically deploy from its base station and autonomously navigate to the triggered site to provide complete, unparalleled situational awareness. After mission completion, the small unarmed aircraft autonomously returns to its base station. where it recharges and waits for its next mission.

The small unarmed aircraft initiative is part of the Small Business Innovation Research Phase II program, which adheres to Air Force perimeter security and situational awareness operational requirements.

"This was a joint effort as we worked closely together from start to finish, resulting in a customized solution for the Air Force that meets all of their operational desires and requirements," said Ivan Stamatovski, Easy Aerial chief technology officer.

Hicks stressed the technology could save lives, time and money.

While the sight of seeing small unarmed aircraft fly around Travis may seem suspicious to some, Hicks said, there is no need for alarm as the drones will enhance mission effective-

"The sUAS has the capability to as-





3) U.S. Air Force Mai. Marie Steffen. **60th Air Mobility Wing small unmanned** aerial system chair, discusses with various individuals observing a drone test Feb. 25 at Travis Air Force Base, California. 4) The 60th AMW Security Forces Squadron tests a new patrolling drone Feb. 25 at Travis AFB. 5) Brandon Feldmann. 60th SFS trainer, watches a tethered drone test Feb. 25 at Travis AFB.

and that is just the beginning," he said. "The impact this program is going to force. have on the Air Force will be seen in many different capacities."

When Gen. Jacqueline Van Ovost, Air Mobility Command commander, announced her priorities for AMC in October, she stressed the importance sist civil engineering for fire response, of expanding capabilities to project of Defense championed by Travis, maintenance for tail inspections ... the force, defend installations and Hicks added.



networks while maintaining the joint

"Key to that methodology and mission success is innovation; seeing things as they can be, not how they are," Van Ovost said.

This is truly a pioneering moment for the Air Force and the Department

12 TAILWIND **DECEMBER 18, 2020**

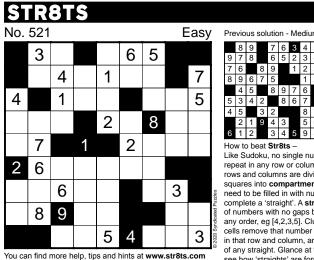
Disposition of personal effects

Surgical Services Squadron, Program. is authorized to make disposition of the personal property of Capt. Kelliann Leli,

Maj. Jeffrey Legaspi, 60th 34-501, Mortuary Affairs

Any person having claims for or against Leli should contact Legaspi by phone deceased. 60th Healthcare at 707-424-0861 or email at Operations Squadron, as stat- jeffrey.n.legaspi.mil@mail.mil. ed in Air Force Instruction -60th Force Support Squadron

Puzzles



How to beat Str8ts -Like Sudoku, no single number can repeat in any row or column. But... rows and columns are divided by black squares into compartments. These need to be filled in with numbers that omplete a 'straight'. A **straight** is a set of numbers with no gaps but can be in any order, eg [4,2,3,5]. Clues in black cells remove that number as an option in that row and column, and are not part of any straight. Glance at the solution to see how 'straights' are formed.

Previous solution - Medium

9 8 3 2 7 6 1 5 4 7 1 2 9 4 5 8 6 3 4 6 5 3 8 1 7 2 9 5 2 7 6 1 3 9 4 8 6 3 1 4 9 8 5 7 2 8 4 9 5 2 7 3 1 6 2 7 6 8 5 9 4 3 1 1 9 4 7 3 2 6 8 5

To complete Sudoku, fill the board

that each row, column and 3x3 box

For many strategies, hints and tips,

by entering numbers 1 to 9 such

contains every number uniquely

visit www.sudokuwiki.org

SUDOKU No. 521 Tough

		3							
			2	1				4	
7			6					3	
	6				5	1			
	8	1				6	7		
		2	3				8		
8								1	SHZZI
2				7	4				2020 Syndicated Puzzles
						8			2020 Svr

If you like Str8ts. Sudoku and other puzzles, check out our books, iPhone/iPad Apps and much more on

This week's solutions appear on Page 16

our store at www.str8ts.com

Voluntary Leave Transfer Program

tary Leave Transfer Program: Rebecca Austria, 60th Maintenance Group; John Butler, Special lit, Travis AFB Commissary; Neftaly Clark, cy. 1st Special Operations Force Support Squad-States Transportation Command, Scott AFB; Dina Patterson-Steward, 60th Aerial Port 424-1720.

The following Travis employees are ap- Squadron; Jason Perkins, Grand Forks AFB; proved as leave recipients through the Volun- Gina Silva, Air Force Academy headquarters; Jean Sommer, Travis AFB Commissary; Maria Thammasen, 60th Force Support Squadron; Tactics Training Squadron; Jagualynn Caban- and Dennis Weaver, Air Force Manpower Agen-

The VLTP allows an employee who has a ron; David Duncan, 319th Reconnaissance medical emergency or is affected by a medi-Wing, Grand Forks AFB; Rabiye Hamilton, Tra-cal emergency of a family member and is vis AFB Commissary; Patrick Hodge United without availability of paid leave to receive transferred annual leave directly from other Mark Holmes, 10th Contracting Squadron; employees. For more information, call 707-

Visit Travis at **FACEBOOK**.com/TravisAirForceBase



A B-1B Lancer assigned to the 419th Flight Test Squadron, 412th Test Wing, releases a Joint Air-to-Surface Standoff Missile during an external release demonstration in the skies Dec. 4 over Holloman Air Force Base, New Mexico.

B-1B

From Page 6

Maynard serves as the special instrumentation flight chief, leading a group of more than 60 engineers, technicians, project managers and logisticians.

"Although the modification required to reassign one of the internal weapon stations to the external location was well within our capability, it wasn't part of our normal charter of data acquisition," Maynard said. "Regardless, we jumped on the opportunity to help our customer and immediately assisted with the planning and provisioning and, when approved to do so, executed the modifications to the pylon and aircraft."

demonstration that began with deployment timeline." a modified internal bombbay demo in 2019. "Box drop" ground tests were conducted in October 2020 to verify the me-sured that the JASSM would chanical modifications to the separate with a nose-down pitch

pylon. A captive carry flight nal release mission.

that the JASSM separation ductor. from the B-1B pylon should replicate the normal JASSM con- tant." Coffman said. "Flight trol surface deployment timeline that occurs when launched from the Left Pylon station 2 of tion are great, but there's no althe B-52H," said Agustin Martinez, 419th FLTS electronics engineer. "The prior cap- ing weapon release data and tive carry flight verified that characteristics, the B-1B was the JASSM received the cor- outfitted with the high-speed The flight culminates the rect information in order for cameras able to capture up to B-1B expanded carriage it to follow the B-52H surface 500 frames per second.

The orifice settings and cartridges used for the MAU-12 Eiector Rack Assembly also enmoment, which was confirmed then took place in November during the box drop test earlier which helped set up the exter- this year, Martinez added.

However, there is no sub-"In this case the Air Force stitute for physically releasing Seek Eagle Office performed a JASSM while in-flight, said modeling of the separation Cory Coffman, 419th FLTS opcharacteristics and determined erations engineer and test con-

> "I'd say it's pretty importesting is a unique environment; ground tests and simulaternative to a flight test."

To aid engineers in acquir-

Space Force

their feedback and in partnership with (Air Education and Training Command)."

Lt. Gen. Brad Webb. commander of AETC, and Chief Master Sgt. Erik Thompson, AETC command chief, were also at the ceremony.

"Today's graduation represents the great partnership we

al Space professionals," Webb sic Military Training are pro- tage in space," Thompson said. ducing Space professionals who have the foundational competencies to succeed in any environment, and who can adapt, decide and act at the speed needed today and for tomorrow's challenges."

"These graduates from Basic Military Training will take the United States Space Force, here in "The First Command" flight operations.

and our commitment to recruit, and will use them to help build train and educate exception- a bold and agile Space Force, which will ensure our nation's said. "The cadre and staff at Balong term competitive advan-

The seven Space Force professionals will attend Space Systems Operations technical training at Vandenberg Air Force Base, California. Once that training is complete, they'll perform a wide range of duties from detecting ballistic missiles and tracking satellites to assisthave forged while supporting the foundational concepts laid ing in rocket launches and space RECTORY

local worship services

For advertising information about this directory, call Classifieds at 707-427-6973 or email: lvargas@dailyrepublic.net

ASSEMBLY OF GOD

First Assembly Of God of Fairfield

Lead Pastor: C. Eric Lura •9:15 AM SUNDAY SCHOOL • 10:30 AM * MORNING WORSHIP • KID'z CHURCH Grades K-5th 10:00 AM WEDNESDAY SENIOR PRAYER

• 7:00 PM WEDNESDAY NIGHT Adult Bible Study Girl's Club Royal Rangers Revolution Youth

*Nursery Care Provided

⁷⁰⁷**425-3612**

2207 UNION AVE., FAIRFIELD www.1agff.org email: info@1agff.org Live Stream on:



BAPTIST



1405 Kentucky Street Fairfield, CA 94533 Rev. Dr. Terry Long, Pastor Sunday

Sunday School: 11:00 a.m. Morning Worship Service: 12:00 p.m. Children's Church: 11:30 a.m.

Tuesday

Prayer Meeting: 6:30-7:00 p.m. Bible Study: 7:00-8:00 p.m.

Web Site: www.stpaulfairfield.org Email: stpaulbcfairfield@comcast.net Church Phone: 707-422-2003

BAPTIST



BAPTIST CHURCH Dr. Claybon Lea, Jr. - Senior Pastor

Fairfield Campus Fairfield, CA 94533 Sunday Worship Services

7:00am & 9:30am. Bible Study Tuesdays @ 7:00pm (Youth Sanctuary

Suisun Campus 601 Whispering Bay Lar Suisun City, CA 94585 Sunday Worship Services, 11:00am

Bible Study Tuesdays @ 12:00noon 707-425-1849

www.mcbcfs.org for more information Live Stream on:



First Baptist **Church of Vacaville** The All Together Different Church

> Senior Pastor Wvatt Duncan Sunday Services: 8am and 11am

Meeting online only. For details please ao to

www.fbcvv.com

Awana on Wednesdays at 6pm

1127 Davis Street, Vacaville 707-448-6209 www.fbcvv.com

BAPTIST



Live stream at: tsallaboutfamilies.org 301 N. Orchard Ave., Vacaville 707.448.5848

SUNDAY

Classes for all ages...... 10:00 am ...11:00 am Worship CORE Bible Studies 12:30 & 5:00 pm (2nd & 4th Sunday)

WEDNESDAY

Adult Studies.. ..2:00 pm AWANA for Kids6:15 pm Adult & Youth Studies6:30 pm

For advertising information

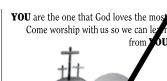
about this directory,

call Classifieds at

707-427-6973 or

lvargas@dailyrepublic.net

CHURCH OF CHRIST



Services Temporarily Suspended

Sunday Morning Bible Study	9 A
Sunday Morning Warship	
Sunday Evening Vorship	6 1
Wed. Evening able Study	7]
Homele's ministry at Mission	Solano
Rescue Masion 1st Friday of me	onth 6.8 P

CHURCH OF CHRIST - SOLANO Marshall Road, Vacaville, CA 95687 l-9301 • www.churchofchristsolano.com

Grace Episcopal Church



1405 Kentucky Street Fairfield, CA 94533

Holy Eucharist Rite I 9:15 a.m. 10:00 a.m.

Holy Eucharist Rite II **Tuesday Service:** 10:00 a.m.

For additional information or Live Stream at: www.gracechurchfairfield.org or contact the office at 425-4481

CHURCH OF JESUS CHRIST

THE CHURCH OF JESUS CHRIST of LATTER DAY SAINTS

Fairfield Stake Center

Services Temporarily Suspended Contact (707) 535-6979 for info on In-home Sacrament Services available

Sur day 1600-1630

res: Call LDS Military lations Missionaries 707-535-6979

LUTHERAN

TRINITY LUTHERAN CHURCH

Tired of gimmicks and games? Want a Bible-believing traditional church? Need a loving church family? You are invited to: TRINITY LUTHERAN CHURCH - LCMS

Traditional Worship: 10 AM Children's Church during 10 AM Service Adult Bible Study: 8:45 AM 2075 Dover Ave., Fairfield

(2 blocks south of Airbase Pkwy.) (707) 425-2944 www.tlcps.org Rev. Dr. Dan Molyneux, Pastor

EPISCOPAL



Sunday Services:

8:00 a.m.

Healing Eucharist

Childcare Provided for all Services

Welcome home to an Open, Caring,

ASTOR JOSEPH PRUI

NAZARENE

SońRise

10am Sunday

310 Parker Street

Vacaville, CA 95688

Please visit sonrise-vv.org for online

details

nazarene.org

CHURCH « 🥸 : « NAZARENE

NON-DENOMINATIONAL

14 TAILWIND

Prayer Works

Tuesday & Thursday

Ministries Men/Ladies' Fellowships Silver Saints Youth Group (Jr./Sr. High)

Family Fellowship

Urossroads

NON-DENOMINATIONAL

Suspended

v Evening

asses also by appointment

Mark McCallister (707) 446-7477

Ed Sanderson Sr. (707) 446-0536

Sunday Morni

Bible Classe

Assembly

Eveni

Wedn

A Passion to... Worship God • Love People • Sh **Teaching Churc**

Services Held Indoors 8:30 am, 10 am and 11:30 am **Social Distancing Practiced** Face Masks Recommended Register for a service at cccv.me.

- Men's 8 omen's Bible Studies ners (Seniors Ministry)
- In Ho Mid-Week Bible Studies
- Gallaher, Lead Pastor 707-446-9838 www.cccv.me

90 Butcher Road, Vacaville, CA 95687

NON-DENOMINATIONAL

FAITH Church of Christ Community Chu To God be the G

DIRECTORY

For advertising information about this directory, call Classifieds at

707-427-6973 or email: lvargas@dailyrepublic.net

..9:30 am

.. 7:00 pm

.... 10:45 am

sembly Worship .5:00 pm

1500 Alamo Dri Bible Based Expository Preaching Vacaville, CA 95 **Sunday Worship Services Services Temporarily**

Outdoor Service 8:30-9:30 Please register at

www.vacavillefaith.org to watch sermon online.

k our website for information on other ministries offered www.vacavillefaith.org

VACAVILLE

"To know Him, and to

make Him known"

490 Brown Street

Vacaville, CA 95688

707-446-8684

Sunday Services:

Sunday School 9:45am

Morning Worship 11am

Evening Worship 5pm

Thursday Service:

Prayer Meeting 7pm

Bible Studies throughout the week

Pastor Ben Smith

www.vacavillebiblechurch.com

office@vacavillebiblechurch.com

Live Stream on:

BIBLE CHURCH

NON-DENOMINATIONAL

Vacaville

(707) 448-5085 Minister: Ryan Brewer

9:30 AM Sunday Morning Worship

Sunday Evening Worship

Wed. Evening Bible Study

7:00 PM www.vacavillecofc.com

Know Your Bible Program 401 Fir Street • Vacaville, CA 95688 (707) 448-5085

Church of Christ

401 Fir St., Vacaville, CA 95688

10:30 AM

"The People of The United Methodist Church™ COMMUNITY UNITED

METHODIST CHURCH 1875 Fairfield Avenue, Fairfield

Sunday Morning Bible Study

LIBERTY

ONE CHURCH

TWO LOCATIONS

FAIRFIELD

2641 N. Texas St.

SUISUN

611 Village Dr.

Visit us online

for service times.

707-425-9673

6:00 PM

If you would like to take a free Bible correspondence course contact:

Phone: 707-426-2944 Email: info@cumcfairfieldca.org

Website: cumcfairfieldca.org YouTube CUMC Fairfield

DECEMBER 18, 2020

FATHER'S

HOUSE

NON-DENOMINATIONAL

The Father's House 4800 Horse Creek Drive Vacaville, CA 95688 (707) 455-7790 www.tfh.org

Service Times

Saturday: 6pm

Sunday: 9am & 11am

Live Stream at

UNITED METHODIST

Pastor Anne Choy Online Worship Service 10:15 a.m.

Communion - 1st Sunday of each month

Children, Adult and Bell Choirs Young Adult Ministries Adult Bible and Book Study Classes United Methodist Women United Methodist Men

Online Sunday School for Children facebook @cumcfairfieldca

unity of the Valley

Spiritual Center

Celebrating our oneness, honoring our diversity 350 N. Orchard Ave.

Vacaville - 447-0521 unityvv@pacbell.net

www.unityvacaville.org

Sunday Morning 8:00 am Coffee with God 10:00 am Contemporary Celebration with Youth Education

Wednesday Evening 6:30 pm Non-Denominational

7:00 pm Contemplative Prayer LibertyFairfield.com Come Home to Unity







It's Like Blue Jeans for the Soul Affiliated with publisher of Daily Word®



DECEMBER 18, 2020 TAILWIND 15

Ruling

From Page 5

restored rape convictions against Lt. Col. Michael Briggs, Lt. Col. Humphrey Daniels and Master Sgt. Richard Collins, all Air Force personnel who had been convicted in separate cases.

"The three offenders whose cases were decided by the Supreme Court will not have their lawfully-obtained convictions and sentences erased by the technicality" as directed by the Court of Appeals of the Armed Forces, Air Force chief prosecutor, Col. Shaun Speranza said.

"Their punishments will be restored, as should their victims' faith in our dedication to justice," he said. Speranza's

• Se Habla Español

935 Trancas Street, Suite 2C, Napa, CA 94558

1460 N Camino Alto, Suite 101, Vallejo, CA 94589

1261 Travis Blvd., Suite 150, Fairfield, CA 94533

OUR OFFICES:

strumental role supporting the case, working closely with the U.S. Solicitor General's office which argued the case before the Court

While the Supreme Court's focus was limited to three known cases across the 20 vears in question, Speranza said the emphatic ruling carried a broader significance in the effort to combat sexual assault and violence in the Air Force and across the entire military.

"The Supreme Court decision in Briggs effectively closes the window on military sexual offenders escaping prosecution under the Uniform Code of Military Justice due to the date of their crimes," he said. "Now, no matter when the alleged rape occurred after 1986 attorneys from the Air Force or when the victim has the

LEG PAIN? LEG SWELLING?

SKIN COLOR CHANGES? RESTLESS LEGS?

DR. JEFFREY BROOKS

Trained Vascular Surgeon

Board Certified and Fellowship

Government Trial & Appellate courage to report the offense, is still justice," she said in an for the larger efforts across the Counsel Division played an in- we can exercise criminal jurisdiction over the accused service member."

> Harmony Allen is the human face of the legal complexities and trauma at the core of

Allen was raped and beaten by Collins in 2000, when both were stationed at Sheppard Air Force Base, Texas. She was 19. Collins was not only her superior but also her instructor in her coursework to become a radiology technician.

Collins was convicted in 2017 and sentenced to 16 $\frac{1}{2}$ years in jail. But Collins appealed and won because the conviction came seven years after the rape. The verdict was set aside and his sentence erased. He was released after serving two years.

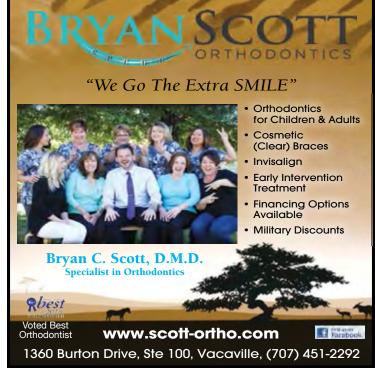
"To get that justice, yes, it did restore my faith that there

said, "has huge implications" of any sentence.

interview. "Yes, I feel it's jus- military to address sexual assault. It also means that Col-The outcome of the case, she lins must serve the remainder









16 TAILWIND **DECEMBER 18, 2020**



A U-2 Dragon Lady assigned to the 9th Reconnaissance Wing takes off from the runway Dec.

From Page 3

"We know that in order to fight and win in a future conflict with a peer adversary, we must have a decisive digital advantage," said Air Force Chief of Staff Gen. Charles O. Brown, Jr. "AI will play a critical role in achieving that edge, so I'm incredibly proud of what the team accomplished. We must accelerate change and that only happens when our Airmen push the limits of what we thought was possible."

After takeoff, the sensor control was positively handed-off to ARTUµ who then manipulated the sensor, based on insight previously learned from over a half-million computer simulated training iterations. The pilot and AI successfully teamed to share the sensor and achieve mission objectives.

The U-2 Federal Laboratory designed this AI technology to be easily transferable to other systems and plan to further refine the technology. Today's flight team to learn from, but also ARTUu.

"Blending expertise of a pilot with capabilities of machine learning, this historic flight directly answers the National Defense Strategy's call to invest in autonomous systems," said Secretary of the Air Force Barbara Barrett. "Innovations in artificial intelligence will transform both the air and space do-

The U-2 Federal Laboratory is a 15 U.S.C. compliant organization established to bring together a "confluence of warfighter, developer, and acquirer" vertically-integrated under the same operational roof. The lab has developed and been approved by the National Institute of Standards and Technology to establish the 20th Laboratory Accreditation Program in the federal government. It promotes "edge development" - a concept to develop new software integration on operational systems in a bounded, safe environment.

The historic flight with AI comes just two months after the U-2 Federal Laboratory team updated inflight software for the first time during a U-2 training mission. The team leveraged the openprovided invaluable data for not only the source container-orchestration software Kubernetes, another military first.



CAL ROOFING SYSTEMS



15 at Beale Air Force Base, California.

(707) 447-3132 Lic. #560708

www.calroofingsystems.com

NORTH BAY TRUCK CENTER



www.northbavtruckcenter.com

www.dixonlandscapematerials.com **MITCHELL'S**

DIXON LANDSCAPE

MATERIALS

150 E. H St.

Dixon, CA 95620

(707) 678-8200

HAULING, CLEANING, ORGANIZING, PACKING, & HOUSE CLEANING



Suisun City, CA 94585 (707) 386-1312 Lic. #22444 Insured

DO YOU OFFER A MILITARY DISCOUNT? PLACE YOUR AD HERE. \$40/MONTH CALL 707-425-4646

Save with Military Discounts from these fine businesses!

Supersonic

what private investors are doing, well then you have a ten to fifteenfold increase in the amount of money available to actually do something that could change the way we do business for executives or mili-said. tary teams," Britton said.

From a modest \$4.5 million Air Force investment teamed with millions more in private investment, the team is looking to make some huge strides in the near future toward proving ple Podcast, Google Podcast, out supersonic capability.

"That's a huge payoff if we lic or Breaker.

are able to make this happen not only for the DoD, but specifically to build the industrial base for the nation," he said.

Beyond learning about new materials, new engine technology and benefits resulting from research, there could be benefits in military strike or reconnaissance missions as well, he

To hear the full conversation, you can watch Leadership Log on YouTube at https://youtu.be/c-J5KzIIeZc. You can also listen by searching "Leadership Log" on Ap-Spotify, Overcast, Radio Pub-

Sudoku

Puzzle solutions

C190 CONCRETE WORK

Pennella Concrete Driveways, Patios, Walks

Colored & Stamped 2 FREE Estimates

(707) 422-2296 Cell 326-7429

C190 CONCRETE WORK

Dennis & Son Concrete

DRIVEWAYS - PATIOS - FOUNDATION PAVERS - COLORED & STAMPED St. Lic# 476689 A+BBB Insured

2 800-201-2183 We'll beat any licensed contractors bid

H120 HAULING

When You Want It Gone... ... call John JOHN'S HAULING (707) 422-4285

FREE Estimate • Same Day Svc Insured License #04000359 **Credit Cards Accepted** www.422haul.com

H120 HAULING

MITCHELL'S HAULING

HAULING, CLEANING, ORGANIZING PACKING & DOWNSIZING KATHY MITCHELL

FREE ESTIMATES SAME DAY SERVICE

CELL (707) 386-1312

H160 HOUSE CLEANING

A & A Professional Cleaning Services

Carpet & Upholstery, Kitchen & Baths, Windows, Etc.

Lic'd & Insured 707-386-3004

.105 LANDSCAPING

YARD SERVICES Free Estimates (707) 425-7284

L105 LANDSCAPING



Get News Anytime!

www.dailyrepublic.com

Yard Service • Clean Up Hauling • Trees • Fencing Maintenance

707-426-4819

L105 LANDSCAPING



Tree & Stump Removal Any Size rimming • Pruning • Shaping Landscaping • Sod Installation Irrigation Systems & Sprinkler Repair

Insured & Free Estimates 707-426-1251 • 707-290-2679 L140 LOCKSMITH

FAIRFIELD SAFE & LOCK CO. **KEYS · LOCKS · SAFES** Changed, opened, repaired

& installed. Deadbolt & foreign car specialist 24 Hr. Emergency Service 811 Missouri St. • 426-3000

P100 PAINTING





Let Service Source help you find the Perfect Professional to meet all your home needs.

#1 ANDY SUNRISE Int./Ext.

Acoustic Removed UNRISE PAINTING & TEXITURE

707-425-7542 PHONE 707-290-8179 CELL 707-425-1381 FAX

P100 PAINTING

FREE ESTIMATES Lic, and Bonded #840890 eferrals upon request.

EXCELLENT

PAINHING

Residential • Commercial

www.paintingexcellent.com

707.426.3411

fearnature@aol.com

or 707.580.4656

CAL ROOFING

SYSTEMS

"Locals Serving Locals"

For Over 31 Years

FREE ESTIMATES

(707) 447-3132

CalRoofingSystems.com

CA LIC #560708

Jas Tileworks

30 Years Experience

(707) 365-2244

Indoor Tile Outdoor Tile

Tile Repairs 🔳 Swimming Pools

Patios ■ BBQs ■ Flooring

R130 ROOFING

For Service Source Information, Call Classifieds Today At (707) 427-6936

T120 TILE

TAILWIND Classified 427-6936

18 TAILWIND **DECEMBER 18, 2020**



LAW OFFICE OF TIFFANY L. ANDREWS, P.C.

If you care, we care!

PROFESSIONAL FAMILY LAW SERVICES INCLUDING JUVENILE DEPENDENCY LAW CASES

Now offering weekend & early evening consultations up to 8pm with one of our associates.

- Divorce
- Legal Separation
- Custody and Visitation
- Child and Spousal Support
- Restraining Orders



Solano Office: 817 Missouri Street, Ste. 4 • Fairfield, CA 94533 • (707) 673-4855 SACRAMENTO OFFICE: 6611 FOLSOM AUBURN Rd., Ste. H • FOLSOM, CA 95630 • (916) 790-8440 www.tlalawoffice.com

Dentistry with a Gentle Touch . . .

Sunni G. Yoon, D.D.S.

Implant and Cosmetic Dentistry

Dr. Yoon is experienced in all aspects of implant and cosmetic dentistry. She and her staff provide a wide range of services including preventative care, cosmetic dentistry, bonding, endodontics, oral surgery, implantology, and crowns which can be fabricated by computer and completed in one visit. Dr. Yoon offers oral conscious sedation dentistry for your relaxation and comfort. We can help you to have a beautiful smile using Lumineers - smile makeover design without removing any sensitive tooth structure. No anesthetics. No discomfort.

1245 Travis Blvd., Suite C/D, Fairfield (707) 422-7003

Convenient office bours are available by appointment. We always welcome new patients

Areas of Expertise: Preventative care, cosmetic dentistry, bonding, Lumineers, endodontics. oral surgery, mini-implants, implantology and conscious sedation.

Dental School: Columbia University School of Dental & Oral Surgery D.D.S. John F. Kennedy Medical Center (Residency), University of Southern California.

Affiliations: California Dental Association, American Dental Association, Napa/Solano Dental Society. Member of DOCS (Doctors of Conscious Sedation). Academy of General Dentistry, The American Academy of Implant Dentistry. International Congress of Oral Implantologists

www.gentletouchdentistry.biz



syoondds@gmail.com



TRAVIS FITNESS CENTER is open by appointment

Visit http://travisfc.technicate.com to schedule a reservation

Honduras

From Page 2

"In a first of its kind, the CRG partnered with the (621st) Air Mobility Advisory Group to employ multiple mission sets that addressed various requirements in the affected areas," Cyrus said. "Due to language barriers, Air Mobility Command recognized the need for language-enabled air advisors to augment the team."

Though not typically part of the AM team, the air advisors' expertise was vital to completing this mission.

"Outstanding Airmen, air advisors, and now honorary AM team members -- I'd take them with me anywhere regardless of area of responsibility," Cyrus said. "They provided invaluable guidance, language skills, and direction in support of the AM mission." The AM team is an exam-

ple of AMC developing teams of multi-capable Airmen to accomplish tasks outside their core Air Force Specialty Code. "The small team dynamic is

one of a kind," said Tech. Sgt. Lance Oakes, 321st Contingency Response Squadron equipment and training manager. "The team is the epitome of a multicapable Airman. Each person is considered a subject mat-



U.S. Airmen from the 621st **Contingency Response Group** travel Nov. 22 to Honduras from Joint Base McGuire-Dix-Lakehurst, New Jersey, with their equipment onboard a C-17 Globemaster III

Air Force Specialty Code and is highly knowledgeable with other AFSCs on the team."

Devil Raiders remain agile and flexible to ensure they are ready to respond and assist partner nations in their time of need

"It's incredible watching such a small team accomplish so much," Cyrus said. "The AM sets the bar high for multi-capable Airmen. I couldn't be prouder to be a part of this team."

The team members returned ter expert for their respective to their respective bases Dec. 4.





December 18, 2020 PARTING SHOTS TAILWIND 19 20 TAILWIND



U.S. Air Force photo/Joshua Armstrong

1) Nova, a full white-phase **Gyrfalcon and the latest** member of the United States Air Force Academy's falconry team, perches on a handler's arm Dec. 3 in Colorado Springs, **Colorado. The Academy has** had a falconry team for more than 60 years, flying the birds at events and educating the public. 2) A U.S. Air Force F-16 Fighting Falcon, assigned to the 77th Expeditionary Fighter Squadron, flies alongside a KC-135R Stratotanker, assigned to the 340th Expeditionary Aircraft Refueling Squadron, Dec. 4 over Southwest Asia. The F-16 is a compact, multirole fighter aircraft that delivers airpower to the U.S. **Central Command area of** responsibility. 3) U.S. Air Force Staff Sgt. Raymond Flores, 12th Combat Training Squadron tactical air control party Airman, talks on his radio Nov. 13 during a Green Flag West 21-02 exercise at Fort Irwin, California. The 12th CTS supports up to 11 rotations of Green Flags yearly, enabling the joint task force to execute decisive operations.

Around the world, Air Force spreads its ...





U.S. Air Force photo/Staff Sgt. Taylor Harrison

U.S. Air Force photo/Airman 1st Class Dwane R. Young

TRAVIS CREDIT UNION



Travis Credit Union offers lower rates on auto and home loans, right on base. Travis is also available digitally! Download our Apple or Android mobile app to access your accounts at any time from anywhere your service takes you. When you're ready to PCS, take Travis with you using Online and Mobile Banking, or use one of 30,000 ATMs in the CO-OP ATM network.

Bank with a Recognized Leader

In 2020, Travis was awarded the U.S. Air Force Distinguished Credit Union of the Year. Forbes also ranked Travis as one of the Best-In-State Credit Unions for California.

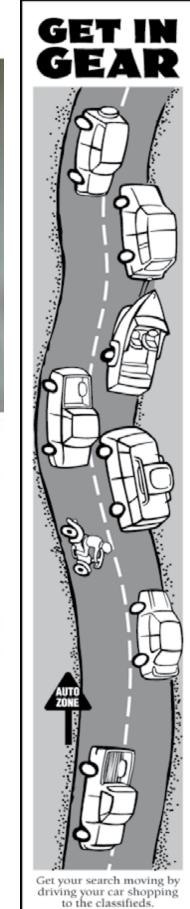




Come see why your service matters. Visit our branch on Travis Air Force Base, online at traviscu.org or call us at **800-877-8328**.

Federally Insured by NCUA. Everyone who lives, works, worships or attends school in our 12-county area is eligible to join.

Certain membership eligibility requirements may apply. Equal Housing Opportunity. NMLS #643926.



Daily Republic 427-6936

www.dailyrepublic.com