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8th FW commander holds first all call

By Staff Sgt. Joshua Edwards **8th Fighter Wing Public Affairs**

KUNSAN AIR BASE, Republic of Korea -- Col. Tad "Wolf" Clark and Chief Master Sgt. Steve "Wolf Chief" Cenov hosted their first commander's call to relay the wing priorities to members of the Wolf Pack, July 26.

The new 8th Fighter Wing commander and command chief started the all call by showing

family photos and sharing personal stories to demonstrate that they also experience the highs and lows of being separated from their loved ones.

"These are the types of things I want you to see and hear," said Clark. "We're all human, we all have ups and downs, highs and lows, periods of organization and times of chaos. We're are all in this together."

Clark and Cenov then shared

the wing's three enduring priorities that they want to focus on while here.

"While our enduring priorities are mission, team and heritage, our mission statement remains unchanged," said Cenov. "If you go to a different base, your mission statement might change between new and old wing commanders, but our mission statement is enduring.

During the commander's call, they introduced five lines of effort that reflect the objectives the wing will focus on this year; readiness, upgrading and maintaining critical infrastructure, developing the team, caring for the Wolf Pack and inspiring creativity and innovation.

"We want to seize every opportunity we have to invest in your time, education and professional development," said Clark.

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Korea's Refreshing Summer Delight - Bingsu!

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Osan Airmen typhoon ready



Tropical Storm Danas advances towards the western North Pacific during typhoon season, July 19, 2019. This region annually experiences tropical cyclone effects between June and October. For Osan Air Base and the surrounding Korean Peninsula, the 51st Civil Engineer Squadron's Emergency Management flight provides response and recovery crisis management and the 51st Operations Support Squadron's weather flight forecasts climate to keep the installation's personnel and assets equipped to survive a storm and other natural disasters. (Courtesy photo)

By Staff Sgt. Greg Nash 51st Fighter Wing Public Affairs

OSAN AIR BASE, Republic of

Korea -- Disasters come in many forms, shapes and sizes – and one in particular is a large, wrecking ball of severe rainstorms with wind speeds that exceed 74 miles per hour. This adverse weather condition is a tropical cyclone, or typhoon, and annually between June and October, typhoon season makes its waves in the Western North Pacific.

For the Osan Air Base and the surrounding Korean Peninsula, being prepared to overcome typhoons while ensuring safety can reduce fear, anxiety, and losses that accompany the natural phenomenon. Fortunately, a special team of response and recovery crisis managers and weather forecasters keep the installation's personnel and assets equipped to survive a storm.

"Preparedness and awareness are key for any [natural disasters] you may have to plan for," said U.S. Air Force Tech. Sgt. Steven Bravo, 51st Civil Engineer Squadron NCO in charge of Emergency Management plans. "If you have the knowledge to be ready for natural disasters like this, you can store equipment like flashlights, food and survival items to plan ahead."

Forecasting the future is no easy

task, but for the 51st Operations Support Squadron weather flight, staying ahead of the curve equips Team Osan with storm updates before, during, and after a typhoon disaster strikes.

"A typhoon is a hurricane that forms in the Northwest Pacific," said 1st Lt. Jacob Reed, 51st OSS weather officer. "The [storm's] impact can potentially result in injuries and damaged property due to high wind speeds and flooding. With how large typhoons can get, you could look at the potential for wide-spread damage that could cause long power outages and transportation issues.

"We send typhoon forecast updates to base leaders as soon as possible," Reed added. "This way, the base and [local populace] has enough time to prepare to minimize the damage, acquire non-perishables and necessities, and locate a safe area to evacuate to if needed."

According to Bravo, the best actions military members can do is ensure accountability with their units and route up problems they may be experiencing. This will enable the emergency repair and emergency services to respond as necessary.

"[We encourage] base personnel to make sure they stay in touch with the most current information via Commanders Access Channel, Radio, and telephone recall access," said Bravo. "They [should] keep all of their food and emergency equipment stocked up. MRE's and other basic items that you would find in a 72-hour kit would also be useful in the event of a power outage during a storm of this scale."

Although there are currently no definitive trends that indicate typhoon activity in or near the area, both the weather flight and EM will assess the warm water activity hundreds of miles away in the Pacific Ocean and East China Sea.

Throughout the year, EM will continue to offer informational handouts and briefings upon request. This information can help prepare individuals and their families for the worst to come. In an event such as natural disaster, they are responsible for helping direct resources and aid to where they need to be on installation. For additional preparedness activities, it's encouraged to do the following:

Inventory emergency supplies.
Replace expired or used items.
Ensure you have adequate water for yourself and your family.

Check flashlights and batteries and ensure everything works.

Make sure gas tanks (car and house) are full.

Have accessibility to cash or traveler's checks and change.



8th FW tests responders' mettle in active shooter training event

By Senior Airman Stefan Alvarez 8th Fighter Wing Public Affairs

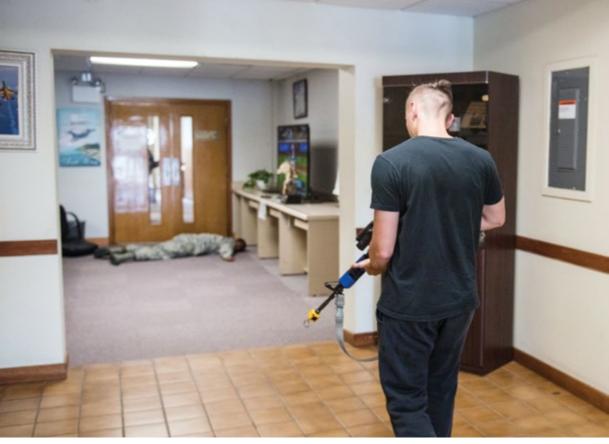
KUNSAN AIR BASE, Republic of Korea -- The 8th Fighter Wing conducted an active shooter training event Tuesday, July 23, 2019, at Kunsan Air Base, Republic of Korea.

The training was aimed at measuring the emergency response capabilities of different organizations on base.

"The active shooter training event is intended to evaluate base response actions to a violent workplace threat," said Master Sgt. Christopher Degruyter, 8th Fighter Wing inspection team manager. "The Wolf Pack performed well in many regards and was able to utilize emerging communications to effectively overcome lockdown limitations and ensure effective command and control."

The roleplaying active shooter entered one of the offices on base and began to fire blank rounds, forcing the personnel in the office to react to the threat until security forces came to neutralize it. Security forces then escorted victims and injured personnel to safety.

"8th Security Forces Squadron members responded with precision to the initial call,



A member of the 8th Security Forces Squadron simulates being an active shooter during an exercise at Kunsan Air Base, Republic of Korea, July 23, 2019. 8th SFS routinely trains to respond to a variety of threats. (U.S. Air Force photo by Senior Airman Stefan Alvarez)

U.S. Air Force Staff Sgt. Brandan Eck (left), and Tech. Sgt. Ashlin Thomas (right), 8th Security Forces Squadron members, search a simulated active shooter during an exercise at Kunsan Air Base, Republic of Korea, July 23, 2019. 8th SFS routinely trains to respond to a variety of threats. (U.S. Air Force photo by Senior Airman Stefan Alvarez) ▶

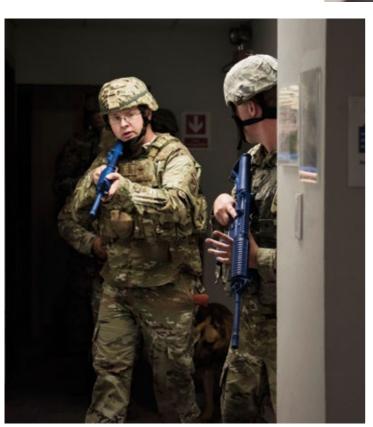
neutralized the threat and secured the area," Degruyter said. "We spent some time at the scene and witnessed their engagement there, and walked the cordon where defenders had to usher personnel to safety and direct traffic away until the all clear was given."

The 8th FW inspector general team regularly plans and schedules various types of trainings to ensure that the Wolf Pack is ready to respond and protect the base and its personnel from any threats on or off base.

"The IG team is committed to supporting the Commander's Inspection Program, validating and enhancing Kunsan's readiness across it's spectrum of operations," said Degruyter. "We will continue to innovate by developing new and exciting scenarios in unique ways to bolster our mission."

The training event tested the mettle of the Wolf Pack's first responders, forcing them to act quickly with a high level of precision to ensure all threats were neutralized and that all injured and at-risk Airmen were evacuated to safety. The expertise and quick-thinking of the various organizations involved in the exercise led to improvements in the process of responding to future emergencies and a more fluid overall team effort.

U.S. Air Force Master Sgt. Marquis Wilson (right), and Staff Sgt. Charles Billups (left), 8th Security Forces Squadron members, perform first aid on a simulated victim during an exercise at Kunsan Air Base, Republic of Korea, July 23, 2019. Once alerted, 8th SFS responded with precision to a simulated active shooter call, neutralized the simulated threat and secured the area. (U.S. Air Force photo by Senior Airman Stefan Alvarez) ▶



Members of the 8th Security Forces Squadron clear a building during an exercise at Kunsan Air Base, Republic of Korea, July 23, 2019. 8th SFS routinely trains to respond to a variety of threats. (U.S. Air Force photo by Senior Airman Stefan Alvarez) ▲





U.S. Air Force Staff Sgt. Bryce Neff, 8th Security Forces Squadron member, comforts a simulated victim during an exercise at Kunsan Air Base, Republic of Korea, July 23, 2019. Once alerted, 8th SFS responded with precision to a simulated active shooter call, neutralized the simulated threat and secured the area. (U.S. Air Force photo by Senior Airman Stefan Alvarez ▼



7th Air Force commander shares officer development changes with 8th Fighter Wing



By 1st Lt. Lauren Gao 8th Fighter Wing Public Affairs

KUNSAN AIR BASE, Republic of Korea --Lt. Gen. Kenneth S. Wilsbach, 7th Air Force commander, visited the 8th Fighter Wing and held an officer all call at Kunsan Air Base, Republic of Korea, July 19.

During his visit, Wilsbach met with officers from around the Wolf Pack to discuss changes to the way the Air Force is developing commissioned leaders.

"The Air Force we have today is the force that the Air Force Chief of Staff, 10-15 years ago, acquired and developed," said Wilsbach. "Looking forward to 2030, even 2040, Gen. Goldfein has to be the CSAF who acquires and develops an appropriate force for that fight into the future."

Throughout the brief, Wilsbach received feedback from the officers on several main components of the revamped officer promotion system. The modified components of the promotion system include a two-line Promotion Recommendation Form, competitive categories and an updated officer promotion report.

Wilsbach explained how the two-line PRF was designed to more efficiently and appropriately stratify officers among the eligible candidates in their respective promotion zone.

"The two-line PRF is going to take away a lot of these literary advantages and put it in more



U.S. Air Force Lt. Gen. Kenneth S. Wilsbach, 7th Air Force commander, speaks with Maj. Dustin Burleson, 8th Communications Squadron commander, about the communication security team at Kunsan Air Base, Republic of Korea, July 19, 2019. Wilsbach visited Kunsan to recognize several Airman and hold a town hall meeting for officers. (U.S. Air Force photo by Staff Sgt. Joshua Edwards)

straight forward terms where the board can actually compare each record side-by-side," said Wilsbach.

Competitive categories, according to Wilsbach, allow the Air Force to have the correct number of appropriate skill sets while developing the right amount of officers across all career fields in the service. The OPR will also undergo changes

to better capture the Air Force core values in an individual's job performance.

"Empowering performance is an important aspect of these changes. We really want to make sure you are being rewarded for being an action officer who gets things done and being developed into an action leader," the general concluded.



Airmen, international partners attend First Sergeants Symposium

By Staff Sgt. Mikaley Kline Pacific Air Forces Public Affairs

JOINT BASE PEARL HARBOR-HICKAM,

Hawaii -- The 15th Wing-hosted First Sergeants Symposium took place at Joint Base Pearl Harbor-Hickam, Hawaii, July 22-26, 2019.

The five-day course included training provided by Air University, the First Sergeant Academy, and informational briefings from base helping agencies.

The intent of the course was to provide technical sergeants and master sergeants with useful information on being a future First Sergeant or an additional duty first sergeant.

A First Sergeant's primary responsibility is to provide and maintain a mission ready force both at home station and in expeditionary environments. They help promote the health, morale, and welfare of enlisted personnel, as well as advise and assist the commander in maintaining discipline and standards. Additionally, they assist the commander with unit training and information programs, and they supervise the care and upkeep of unit dorms and grounds. An additional duty first sergeant will serve the exact same role as a normal first sergeant and they can do it in addition to their normal job.

As first sergeants, the most important role we fulfill is taking care of our Airmen," said Master Sgt. Mia Williams, 792nd Intelligence Support Squadron first sergeant. "Taking care of Airmen

is the responsibility of everyone in leadership and supervisory positions in the Air Force. However, for first sergeants, taking care of Airmen is our primary mission."

Being a first sergeant, or additional duty first sergeant, is a 24-hour, seven days a week, 365 days a year commitment.

"We have to be able to respond 24/7 at a moment's notice with the explicit knowledge of all things involved with taking care of our Airmen and their families," said Williams. "When we are on leave, [temporary duty], etc. we need individuals to fill our role. Being able to ensure they receive adequate training to step in and continue in our seat is why the symposium is important."

Military participants from Sri Lanka, Canada, New Zealand, Australia and the Philippines attended the symposium to learn the roles and responsibilities of the first sergeant position from the United States Air Force perspective.

"We hope all Airmen and our International partners took away leadership tools for their toolkit that can be used when dealing with any diverse situation they may run into," said Williams. "Knowing what things can be offered in times of crisis or who [Airmen] could turn to when dealing with unique situations is something I hope people take away from this symposium."

Royal New Zealand air force Maintenance Warrant Officer Bruce Kopp, assigned to Number 6 Squadron out of Auckland, New Zealand, was one of the attendees of the symposium.

"One of the key points I picked up from this symposium was from one of the shirts. He had to call his commander to notify him about a death," said Kopp. "After notifying him, the first sergeant said he'd ring him back in about five minutes. It helped give the commander a break and a chance to compose himself. I never really thought about having to do that before."

Chief Master Sgt. Anthony Johnson, U.S. Pacific Air Forces command chief, addressed the room of potential first sergeants and international partners to impart advice about being a first sergeant and why it's an important role.

"I'll always say to never be hesitant to ask questions because you don't always have the opportunity to sit with senior leaders," said Johnson. "The reason I say that is because you're not only asking questions for yourself, but if you're in tune with the position you're in, you're asking about the things that impact the Airmen entrusted to your care."

Johnson went on to add the best advice he's gotten as a noncommissioned officer (NCO) was "to be a great NCO you have to understand the why this person is doing what they're doing."

Williams believes the symposiums are important so that future first sergeants can receive adequate training to step in and eventually continue in their place.



- Continued from front page -

"We care about you and want to see you succeed. There are countless perspectives, ideas and technical skillsets represented in this auditorium and it is our responsibility to cultivate that. We want to build thinkers and leaders. This will increase our effectiveness in the Wolf Pack, as well as, future squadrons, groups and wings you'll transition to when you depart Kunsan. We have the responsibility of increasing readiness across the Air Force."

They also used the time to address some of the concerns Airmen currently face around base.

"We are aware that there are

quality-of-life issues with the elevators and [heating, ventilation and air conditioning] that you are dealing with," Clark said. "We have pulled a team together, discussed our options and have made decisions to create solutions. We care, we mean what we say, and we are getting after it."

After defining their objectives

for the rest of the year, they opened the floor to questions. One question Cenov answered was about how the recent change in curfew has impacted the mission.

"We are doing great thus far,"
Cenov said. "Our 8th Fighter
Wing Team, the Wolf Pack, hasn't
had any underage drinking,
any disorderly conduct or any
disciplinary issues. We are proud of
you all for that. Everyone here has
been taking care of each other."

Clark and Cenov closed by reminding everyone of the unique comradery that is only found at the Wolf Pack.

"There is a family you're born into, and a family you are sworn into," said Clark. "We, members of the Wolf Pack are family. You are here for a purpose, you make a difference, you are important and we will succeed together."



U.S. Air Force Col. Tad Clark, 8th Fighter Wing commander, and Chief Master Sgt. Steve Cenov, 8th FW command chief, speak with a professional development class at Kunsan Air Base, Republic of Korea, July 12, 2019. Both Clark and Cenov have taken a strong interest in developing Airmen into leaders. (U.S. Air Force photo by Tech. Sgt. Joshua Arends) ◀



US, Mongolia share airfield, emergency medical expertise during Pacific Angel 19-3

By 2nd Lt. Joshua Thompson Pacific Air Forces Public Affairs

ULAANBAATAR, MONGOLIA -- The United States and Mongolian military leaders conducted airfield and emergency medical subject-matter expert exchanges to share cultural expertise, technical competency and vital training with Mongolian participants in Ulaanbaatar, Mongolia, July 22-26, 2019.

The air advisor and medical response exchanges were part of Pacific Angel (PAC ANGEL) 19-3, and combined humanitarian assistance engagement incorporating subject matter expert exchanges with medical outreach and civic engineering projects, led by U.S. Pacific Air Forces.

U.S. Air Force air advisors and Mongolian Air Force officers shared experiences and knowledge on an array of operational topics, to include humanitarian aid and disaster response procedures that incorporate the use of MI-17 helicopters, a transport helicopter often used by the Mongolian air force. Discussion topics also included runway and airfield maintenance, airspace classifications, ground-to-air signaling and flight notification procedures.

Lt. Col. D. Shatarragchaa, Mongolian air



A participant in the trauma and mass casualty response training exercise practices providing emergency care on a medical mannequin, supervised by Mongolian Armed Forces and U.S. Air Force medical personnel in Bayongol Soum, Mongolia, July 26, 2019. Pacific Angel 2019 is a joint and combined humanitarian assistance engagement, enhancing participating nations' humanitarian assistance and disaster relief capabilities while providing beneficial services to people in need throughout South and East Asia. (U.S. Air Force photo by 2nd Lt. Joshua Thompson)



force State Division Department commander, coordinated and oversaw much of the exchange. He specifically noted some of the most valuable information the Mongolian officers gained from the week included learning to identify and select landing zones, and gaining more search and rescue methodology.

U.S. Air Force Master Sgt.
Mark Hoover, 36th Contingency
Response Support Squadron
air advisor, explained U.S.
Pacific Air Forces maintains
contingency response forces
ready to respond to emergency
humanitarian assistance or
disaster relief, "Air advisors go
to our partner nations and we
perform these exchanges and
build partnerships, so when
something like that happens, we
already have those relationships
established."

Simultaneously, in Bayongol Soum, Mongolia, community doctors, nurses and civilian volunteers took part in a trauma and mass casualty response training exercise.

Mongolian Armed Forces and U.S. Air Force medical personnel equipped the participants with vital knowledge and experience for first responders, ending the week with hands-on exercises to employ procedures learned throughout the week.

Initial injury assessment, burn treatment and tourniquet application were some of the first-responder skills demonstrated by the U.S.-Mongolian medical personnel before involving the participants for practice.

"We spent a lot of time teaching the volunteers how to handle a trauma in general and give basic care," said U.S. Air Force Maj. Joshua Cragun, 96th Medical Operations Squadron emergency medicine physician, noting the large number of volunteers who attended with minimal medical experience. "Since the region is so short staffed, our training was trying to provide an opportunity for the civilians and local volunteers to encounter a trauma and perform minimal care until they can be taken to a doctor or nurse."

For the rural areas surrounding Bayongol, equipping motivated citizens can be lifesaving since formal medical care can sometimes be hours away.

Both the air operations and medical training, as part of Pacific Angel 2019, continue to deepen the long-standing partnership between Mongolian and U.S. forces, while building Mongolia's capacity to respond to humanitarian need and natural disasters.

Pacific Angel 19-3 continues through August 5 with multilateral international Indo-Pacific participants working together to assist the local community and improve regional partner capabilities. PAC ANGELs have built positive relations through engagement such as these for the last decade in multiple countries throughout the Indo-Pacific region.

U.S. Air Force Master Sgt. Mark Hoover, 36th Contingency Response Support Squadron air advisor, shares his expertise on runway conditions during a subject-matter expert exchange, July 24, 2019 in Ulaanbaatar, Mongolia as part of Pacific Angel 2019. Efforts undertaken during PAC ANGEL 19 help the U.S. and partner nations improve and build relationships across a wide spectrum of civic engagements, bolstering each nation's capacity to respond and support future humanitarian assistance and disaster relief operations. (U.S. Air Force photo by 2nd Lt. Joshua Thompson)

BARBEQUE SAFETY

eople look forward to happy summer. Barbecue season is finally here! Summertime, however, also brings fires and injuries due to barbeque

grills. According to the United States Fire Administration, grill fires on residential properties result in an estimated average of 10 deaths, 100 injuries, and \$37 million in property loss each year. Knowing a few fire safety tips and practice the following guidelines will help everyone have a safe summer.



Before Barbecuing

- 1. Check your grill thoroughly for leaks or cracking before using it.
- 2. Make sure the grill is at least 25 feet away from a building or 50 feet from an aircraft and flammable storage. Do not BBQ under overhangs or indoors.
- 3. Keep children away from fires and grills. It is a good idea to establish a safety zone around the grill and instruct children to remain outside the zone.
 - 4. Have fire extinguishers or a garden hose attached to a water supply. During Barbecuing
 - 1. Do not wear loose clothing while cooking at a barbeque.
 - 2. Use only a labeled starter fluid to start fires in the grill.
 - 3. Never leave the grill unattended.
 - 4. Keep alcoholic beverages away from the grill, they are flammable.
- 5. Make sure everyone knows to STOP, DROP and ROLL in case a piece of clothing does catch fire.

After Barbecuing

- 1. Keep your grill and free of grease buildup that may lead to a fire.
- 2. Never store liquid or pressurized fuels inside your home.

In case of fire or emergency, dial 911 or 0505-784-9111. Any questions on this matter, please do not hesitate to contact Fire Prevention Office at 784-4834 or 4835.



US, Indonesian National Armed Forces medical experts conduct inaugural subject matter exchange

By Dr. (Lt. Col.) William Chu, Pacific Air Forces Office of Command Surgeon

JAKARTA, Indonesia -- Members of U.S. Indo-Pacific Command and the Indonesian National Armed Forces (TNI) participated in a Casualty Evacuation Subject Matter Expert Exchange on full spectrum patient movement in Jakarta, Indonesia, July 18, 2019.

This inaugural, bilateral-joint, collaborative effort between the U.S. services – Pacific Air Forces, Marine Forces Pacific, U.S. Army Pacific, U.S. Navy, U.S. AID – and TNI – Navy, Army, Marines and Air Force – shared lessons learned and best practices on how to move patients across water, land, and air.

The goal of this SMEE is to draft a standard operating procedure for joint casualty evacuations operations within the TNI forces for domestic and regional Humanitarian Assistance Disaster Relief response and peacekeeping operations.

"Produce ideas that are constructive and creative, so the activities of exchanging science and experience in the procedure of handling victims can be carried out well, quickly and precisely," said Maj. Gen. Ben Yua Rimba, TNI Surgeon General, during opening remarks. "So no more doubts in



U.S. Air Force Master Sgt. Susanna Rogers, 18th Aeromedical Evacuation Squadron flight chief from Kadena Air Base, Japan, and U.S. Navy Lt. Cmdr. Ramir Salcedo, Operations Officer, 1st Medical Battalion, Camp Pendleton, California with the Indonesian National Armed Forces Army and Marine Medical Battalion Commanders during day two Humanitarian Assistance Disaster Relief tabletop exercise. (Courtesy Photo) ▲

U.S. and Indonesian Armed Forces, and civilian participants take a group photo during the inaugural Joint Combined TNI-U.S. Indo-Pacific Command Casualty Evacuation Subject Matter Expert Exchange – Full Spectrum Patient Movement, in Jakarta, Indonesia, July 15 through 18, 2019. (Courtesy Photo) ▶

doing and acting, especially in the joint operations between the two countries, both in peacekeeping operations and HADR."

Since Indonesia is located right in the Ring of Fire – a horseshoe-shaped seismically active belt of earthquake epicenters, volcanoes, and tectonic plate boundaries – the subject matter experts from Indonesia were able to share their experiences in managing and responding to the "laboratory of disasters".

United States and TNI subject matter experts discussed topics such as: the role the military plays in HADR, how to optimize prehospital care to improve survivability, and how best to conduct safe patient movement over water, land and air.

"After four days of exchange, we have identified three challenges on developing a joint [standard operating procedure] for joint



[casualty evacuation] patient movement," said U.S. Air Force Dr. (Lt. Col.) William Chu, PACAF surgeon general and international health specialist. "One, funding. Two, communication and three, collaboration.

"While most of us in here cannot influence funding, we can -through these exchanges improve our communication by developing common languages and protocols, and enhance collaboration through developing interoperability between our teams," continued Chu. "Therefore, it's not a matter of if, but when we will be working together again in the future – whether responding to HADR or supporting contingency operations – and when we do, with improved communication and interoperability, we can effectively save more lives in a safer and expeditious manner."

Academy cadets' invention to support battlefield Airmen awarded patents

By 1st Lt. Lauren Gao 8th Fighter Wing Public Affairs

U.S. AIR FORCE ACADEMY, Colo. (AFNS) -- Looking for a challenge? Try coming up with 100 different ways to get a battlefield Airman loaded with gear from a hovering aircraft to the ground quickly and safely.

A team of Air Force Academy cadets took on this exact challenge while completing their mechanical and systems engineering degrees in 2016 and now their technology has been awarded three patents by the U.S. Patent and Trademark Office.

The project was part of an annual Air Force Research Laboratory University Design Challenge. Each service academy and a dozen civilian universities for that iteration were charged to improve current troop insertion methods which primarily use the Fast Rope Insertion Extraction System.

There were two main issues: heavily loaded operators were struggling to brake when fast roping and their gloves were getting too hot from gripping the rope to slow down. To help get with the design requirements, cadets met with several groups of battlefield Airmen.

"This project taught me several things including that the process of creating something new is not linear, and you often have to go back to the drawing board, and the user

is the most important customer," said 1st Lt. Miranda Bray, a 2016 graduate and F-15E Strike Eagle student pilot at Seymour Johnson Air Force Base, North Carolina.

"As an aircrew member, I've seen so many examples of good and bad human factors engineering and the research we did for this project with the Air Force Special Operations Command operators and aircrew was what made this system stand out against the competition," she said.

Through a purposeful narrowing of ideas and potential designs, the team settled on their approach: get rid of the rope. They decided to use existing auto belay technology for rock climbing and develop a system of supporting technology to suit an aircraft.

The Auto Belay Insertion System allows operators to engage a one-handed brake without compromising rapid descent and emergency detachment from the rope in hostile environments. Teams of two would descend from each side of the aircraft during each iteration. An additional benefit: crew chiefs no longer had to repeatedly recover a 300-pound rope during training scenarios.

It was the first time the auto belay technology had been designed for use aboard an aircraft, representing what Col. Cory



Cooper, a permanent professor and head of the Academy's mechanical engineering department, sees as the innovative mindset the Academy is developing in tomorrow's lieutenants.

"We encourage our cadets in the capstone project to fail early and often and to celebrate failure, but to move past that failure, and come out the other side with a finished product that addresses the design challenge," he said. "I'm really proud of the work by this team."

The Center for Technology, Research and Commercialization, a non-profit organization that builds reciprocal relationships between government design agencies and commercial entities is currently looking for additional ways to use the patented technology, including for workers on oil rigs or cell phone towers.

FIRE EXTINGUISHER SAFETY

Section 1

o you know how to use a fire extinguisher?

Let's look at this picture.



Pull the pin.

im the nozzle to the base of fire.

queeze the handle.

weep the nozzle side to side.

Section 2

Fires can be very dangerous and you should always be certain that you will not endanger yourself or others when attempting to put out a fire.

When you try to extinguish a fire, you have to think about these things.

- 1. KNOW what is burning. If you don't know what's burning, you won't know what kind of extinguisher to use.
- 2. HAVE adequate or appropriate equipment.
- 3. If you are uncomfortable with the situation for any reason:

It is best not to try fighting the fire.

Let the fire department do their job.

- 4. Is the fire spreading rapidly beyond the point where it started? The time to use an extinguisher is at the beginning stages of the fire.
- 5. If the fire is already spreading quickly, it is best simply to evacuate the building.
- 6. As you evacuate a building, close doors and windows behind you as you leave. This will help to slow the spread of smoke and fire.

Remember when you try fighting the fire.

lways position yourself with an exit or means of escape at your back before you Aattempt to use an extinguisher to put out a fire.

If the extinguisher malfunctions, or something unexpected happens, you need to be able to get out quickly. You don't want to become trapped.

Section 3

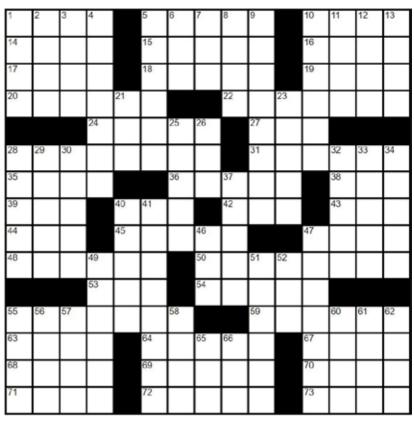
Right to know toxic information.

When you were fighting the fire, you might inhale toxic gas. When synthetic materials such as the nylon in carpeting or foam padding in a sofa burn, they can produce hydrogen cyanide, and ammonia in addition to carbon monoxide. These gases can be fatal in very small amounts.

If you have any question, feel free to call fire prevention office, contact number is

The Crossword

By Jon Dunbar



ACROSS

- 1 Goes with pork or suey 5 Korean maker of petrochemicals,
- 10 Long-term unconsciousness
- 14 French dad
- 15 Kidney or Hammond 16 Sultan Qaboos' country
- 17 Velcro alternative
- 18 Go to see someone 19 Homogenous military organization
- 20 Paektu Cultural Exchange founder and prisoner of China
- 22 Toilet
- 24 From Dublin
- 27 In media .
- 28 Rubbed
- 31 John Travolta musical 35 "Hedwig and the Angry
- 36 Sign for March 21 to April 19
- 38 Taekwondo ranking

- 39 Hyundai sister company
- 40 The sun
- 42 5G predecessor
- 43 Quonset 44 Paramedic
- 45 Measures of 0.50 fl. oz.
- 47 Goes with ice cream or nose
- 48 Opposite of nos
- 50 How to get to Namsan 53 ___-de-France region 54 Shelled gastropod

- 55 Clog up 59 Meng Wanzhou's company
- 63 Cruel 64 Brazilian dance
- "Whip It" band
- 68 Korean chicken franchise
- 69 ___ salt 70 Baker's need
- 71 South Park's Parker
- 72 Goes with Fe or Ana
- 73 Goes with Eliot or Loch

32 Special committee 33 Jjimjilbang 34 Return, on a keyboard

DOWN

- 1 NCOs
- 2 Pile
- 3 Killer whale
- 4 Cantankerous
- 5 Former Canadian diplomat and
- prisoner of China 6 Spoon-bender Geller
- 7 Booker T's band
- 8 Solid precipitation
- 9 Accurate
- 10 Goes with crash or golf 11 Prefix for every
- 12 Most important
- 13 Poker stake
- 21 "Are you a good witch _
- 23 Brusque
- 25 Navy special operations force

witch?

- 26 Image enhancer 28 SNL cast member Day
- 29 Japanese cartoon

37 Goyang City area 40 Stone slab

30 Shoos

- 41 Engrosses
- 46 Relocate, to a soldier
- 47 Korean pottery material
- 49 DPRK detainee Alek 51 Boney M song "___ Mama"
- 52 Actress Lucy
- 55 Penny
- 56 Opposite of under
- 57 Three times three 58 A Spanish snack
- 60 Korean apartment brand
- 61 Goes with Christmas or
- Mitochondrial
- 62 Charged particles 65 Windows web portal
- 66 Software agent or web crawler

Answers to Previous Crossword

ACROSS

- 1 DDAY 5 SHUN 9 ASSAD
- 14 JOVE 15 TOME 16 LOUSY
- 17 SCALLAWAG 19 BURKE 20 LEG
- 21 EYELESS 23 MEKONGRIVER 28 ANEW 29 EON 30 STANCE 35 STE

36 ROTC

38 LILA 39 TIPS 41 STRAD 43 SMUG 44 ERIK 45 YURI

46 BEL

- 47 RETIED 50 DOS 51 ELIE 52 DEVELOPMENT 55 ASININE
- 67 PRIMO 68 METE
- 59 RUB 60 LINES 61 LEADBELLY 69 REAM 70 SITON 71 AGAR 72 SEGA
- ı DJS 2 DOC 3 AVA 4 YELLOW 5 STAGGERS 6 HOW 7 UMA 8 NEGEV

DOWN

9 ALBERT 10 SOUL 11 SURE 12 ASKS 13 DYES 18 LEN 22 YES 23 MASTER 24 ENTIRE 25 KEEPIT 26 ROOTY

27 INTRUDE

34 EAGLET 37 CAROL 40 SKI 42 DISORDER 48 EDISON 49 DEN 51 EMBERS 53 VELMA 54 PUB 55 ALPS 56 SIRI 57 INIT **58 NEMO** 62 EEG 63 ATA 64 LEE 65 LAG 66 YMA

32 NIMBLE

33 CLUEIN



1,000-foot wall of fire explodes below the F-22 Raptor during a high-speed pass maneuver at the "Mission Over Malmstrom" open house event in Great Falls, Mont., July 14, 2019. The pyrotechnics are used to simulate live ordnance and the air-to-ground capabilities of the Raptor. The two-day event featured performances by aerial demonstration teams, flyovers and static displays. (U.S. Air Force photo by 2nd Lt. Samuel Eckholm)

ir Force Chief of Staff Gen. David L. Goldfein administers the oath of enlistment to a group of Air Force recruits during a Heritage to Horizons concert in honor of military and veteran service organizations at the Air Force Memorial in Arlington, Va., July 26, 2019. (U.S. Air Force photo by Adrian Cadiz)



enior Airman Isaiah Raiano, 92nd Civil Engineer Squadron firefighter, helps a child operate a fire hose during the Summer Youth Fair at Fairchild Air Force Base, Wash., July 25, 2019. Approximately 100 children from across Fairchild AFB participated in the fair. (U.S. Air Force photo by Airman 1st Class Lawrence Sena)

S. Air Force Academy class of 2023 basic cadets complete the assault course on July 22, 2019. The assault course is part of phase two of basic cadet training which takes place at Jack's Valley on the U.S. Air Force Academy. (U.S. Air Force photo by Trevor Cokley)





Photo NEWS



apt. Nicholas Reynolds, 138th Fighter Wing director of inspections, re-enlists Staff Sgt. Stacy Wylie, 219th Engineering Installation Squadron cable antenna craftsman, on an antenna tower July 23, 2019, at Tulsa Air National Guard Base, Okla. Wylie, a Skiatook, Okla., native, re-enlisted into the Oklahoma Air National Guard, 138th Fighter Wing for an additional six years. (U.S. Air National Guard photo by Master Sgt. C.T. Michael) ◀





taff Sgt. Daniel
Bickford, 99th
Force Support
Squadron food service
craftsman, adds
seasoning to a dish for
service members at
exercise Red Flag 19-3
at Nellis Air Force Base,
Nev., July 18, 2019. (U.S.
Air Force photo by Tech.
Sgt. Bryan Magee) ▲

SpaceX Falcon 9 CRS-18 rocket launches July 25, 2019, at Cape **Canaveral Air Force** Station, Fla. The CRS-18 is the latest mission in the Commercial **Resupply Services** program, which transports thousands of pounds of cargo and supplies to resupply the International Space Station. (U.S. Air Force photo by Airman 1st Class Dalton Williams) ◀

MQ-9 Reaper assigned to the 214th Attack **Group, Arizona Air National** Guard, flies over Alpena, Mich., July 24, 2019, during exercise Northern Strike 19 at the Alpena Combat **Readiness Training Center. Exercise Northern Strike 19** is a National Guard Bureausponsored exercise uniting service members from more than 20 states, multiple service branches and numerous coalition countries during the last two weeks of July 2019. (U.S. Air National Guard photo by Tech. Sgt. **Lealan Buehrer**) ▶



COMMUNITY BRIEFS

Kunsan

- KUNSAN PHOTO CLUB -

Interested in sharing your photography experience with others and exploring Korea along the way? Have a camera, but want to learn how to use it more completely? Then join the Kunsan Photo Club as they delve into the finer qualities of photography where the key concept is: "It's not the camera that makes a great photo, but the photographer." If interested in joining, the group can be found on Facebook, just search for "Kunsan Photo Club."

- WOLF PACK LODGE -

Lodging Space A Policy

Need a break? Got family visiting and no room to house them? You can book

lodging rooms on a space available basis up to 120 days in advance for a maximum of 30 days depending on availability. You can also book reservations for the holiday season (November and December) up to 30 days in advance for a maximum of 15 days. (Depending on availability) Book now for all of those relatives coming for the holiday!

Reservations – Front Desk-DSN 782-1844 or Commercial (82)63-470-1844 FAX: DSN 315-782-0633 Commercial (82)63-470-0633

- SUNDAY SONLIGHT DINNER -

Every Sunday, volunteers from a spe-

cific unit cook dinner for their fellow Wolf Pack members at the Sonlight Inn. The dinner begins at 6 p.m. following grace led by a chaplain. Meals range from "breakfast for dinner" to "Italian cooking" to "Southern style." For more information or to volunteer, contact the chapel at 782-HOPE.

- SPONSOR TRAINING -

Learn creative ways to assist newcomers reporting to Kunsan AB. Registration required. Class is held at the Airman and Family Readiness Center. Call 782-5644 for more information, dates or to sign up.

- ROKAF ENGLISH CLASS -

Team 5/6 is looking for volunteers to support the ROKAF English class every Saturday, at the Sonlight Inn. You will be talking to ROKAF Airmen (enlisted) for approximately one hour. This event is open to all ranks! Civilian attire is preferred, however, UOD is allowed. For more information, contact Staff Sgt. Charles Nelson.

- PING PONG TOURNAMENT -

Free to all. Prizes for first and second places. Prizes include Wolf Pack Won. To sign up, dates or for more information, call the CAC at 782-5213 or 4679.

Osan

51 FW WING COMMANDER'S CALL:

On Monday, 12 August, Col Gonzales will be holding a series of Wing Commander's Calls at the Base Theater and WLT hangar. There will be four separate times to accommodate all personnel. Maximum Airman & GS-Civilian participation is expected.

0700 at the WLT Hangar

0700 at the WLT Hangar 0900 at the Base Theater

1430 at the WLT Hangar

1600 at the Base Theater

Transportation and escorts will not be provided to/from the Commander's Calls at the WLT hangar. Personnel with access to the flight line area (restricted area badge) are encouraged to attend the Commander's Calls at the WLT hangar. Please direct all questions regarding the Wing Commander's Call to 51 FW/CAG (784-8259) or at 51FW.CAG. CCActionGroup@us.af.mil.

51st MUNS CLOSURE: The 51st Munitions Squadron will be closed Aug.
17th to Aug 23rd for a 100% inventory.
Issues, turn-ins and other request will not be supported during those dates.
All needs must be requested and coordinated prior to Aug 14th.

FINANCE PCS OUT-PROCESSING: The briefing scheduled for 27 Aug has been changed to 28 Aug at 0900 in the Base Theater. You can email us at 51CPTS-CustomerSvs@us.af.mil with any pay or travel inquiries.

BIKE ROUND-UP: On 19-23 August 2019, there will be a base-wide bike round-up. Areas to be covered include but are not limited to all dormitories,

the BX, Commissary, 7th Air Force hill, gym, flight line and areas that have been identified with abandoned bikes. We will be looking for bikes with no bike tags, bikes with DEROS's that have expired and bikes that are inoperable. To obtain a bike tag, please visit your ADL's office or housing office. If you believe your bike has been taken during the round-up, every Thursday during the lockup period from 1300-1400 will be available to come and claim your bike. You must show proof of ownership (i.e., receipt, picture of exact bike, serial number on bike, etc.) to claim a bike. After a 45 day holding period, bikes will be donated to members through donations and any bikes not claimed after donation period will be sent to the recycle

center. If you have any questions or if you know of a hidden bike rack that needs to be visited, please email MSgt Corey Ray or call at DSN 784-7954. Where: Fenced area next to PAC House DEFAC When: Thursday's, 1300-1400

(claim dates) 29 August

5 September

12 September

19 September26 September

3 October

Who: Email TSgt Fernandez at francis. fernandez@us.af.mil if you want to claim your bike

51 LRS CLOSURES: On 9 Aug 19, the 51 LRS will be closed for an official function. A few of our customer service

areas will be closed for the day. However, our flight line and mission critical operation areas will be minimally manned, see the list of areas below: Customer Service Areas Closed:

- LRS Vehicle Management Flight Pick up/Turn-in (standby/on Call available at 010-7148-0294)
- LRS Driver's License Testing
- LRS Outbound Cargo (only accepting MICAPs and 999 cargo)
- LRS Installation Deployment Readiness Center (standby/on Call for emergency at 010-8685-0373)
- LRS Equipment Accountability Element
- LRS Inventory and Inspection Element Customer Service Areas Minimally Manned:
- LRS Fuels Management Flight
- LRS TMO Personal Property (emergency only at 784-8044)
- LRS TMO Passenger Travel
- LRS Customer Support
- LRS Central Storage
- LRS Individual Protective Equipment (emergency only, 784-4425/3368 or 010-2822-9637)
- LRS Aircraft Parts Store
- LRS Hazmart
- LRS Flight line Service Center

51 FW/JA MINIMAL MANNING 5-23 AUGUST: Front desk services will be limited to POAs, notaries, providing info. handouts, and scheduling future legal assistance appointments (call DSN 784-4121)

VOLUNTEER VICTIM ADVOCATE COURSE: The Osan SAPR office is cur-

rently accepting applications for Initial Victim Advocate Training (IVAT), which is scheduled for 30 Sep – 4 Oct. This 40-hour course is required for members seeking to become certified volunteer victim advocates. Eligibility requirements: Enlisted: E-4 and above, 21+ years of age Officer: O-2 and above. DEROS April 2020 or later. **SECURITY CLEARANCE AF CPI GREEN BELT TRAINING & CERTIFICATION:** Are you interested in earning your Green Belt Certification? 51 FSS Manpower offers classes monthly! Green Belt Training is a 3-part class, and GB Certification is earned after 1 process improvement event is completed and approved. Please follow the link here to check dates/times and sign up. Please contact 51 FSS Manpower & Organization Flight 51FSS.MOFAllPersonnel@ us.af.mil if you have questions. **ASK THE MPF:** This is a new initiative that allows customers to ask their questions without having to make a trip or call the MPF. The system is continuously monitored which enables the MPF technicians to answer questions within 72 hours. Please visit the link.

Osan Top III Golf Tournament: The

Osan Top III association will be host-

ing a golf tournament Friday August

16 at the base golf course. This is

a team of 4, 18 hole scramble and

opened to everyone on base. Reg-

ister by 15 August either in person

at The Lakes at Osan or online at

https://www.signupgenius.com/

go/30E0C48A9AC29A0F94-golf.

Kunsan's emergency phone numbers				
Emergency Services	911			
Off Base/Cell Emergency	063-470- 0911	After-hours medical advice	782-4333	
Crime Stop: (to report a crime)	782-5444	IG Complaints FWA Reporting:	782-4850 (duty hours) 782-4942 (anytime)	
Base Locator: (after duty hours)	782-4743	Chaplain (After duty hours)	782-6000	
Law Enforcement desk	782-4944	Sexual Assault Response Coordinator (SARC)	782-7272	
Emergency Leave / Red Cross		782-4601 (on base) 1-800-733-2761 (anytime)		

Osan's emergency phone numbers				
Emergency Services (Fire, Medical, Security Police)	911	Commander's Hotline	784-4811	
Off Base/Cell Emergency	031-661- 9111	Crime Stop: (to report a crime)	784-5757	
Emergency Room:	784-2500	IG Complaints FWA Reporting:	784-1144	
Base Locator: (after duty hours)	784-4597	Emergency Leave	784-7000	
Force Protection Information Hotline:	115	Sexual Assault Response Coordinator (SARC)	784-7272	
Chaplain (After duty hours)	784-7000	Security Forces Control Center	784-5515	

24 Solar Terms (Part 13)

By KyongHui "Jennie" Pae

13. Ipchu

The beginning of autumn

The day of Ipchu, which marks the beginning of autumn, is around August 8, when the Sun's ecliptic reaches 135 degrees.

Summer is over and autumn has begun. From this day to *Ipdongjeon* is called autumn. The rice season is ripe for Ipchu, so it's good to have clear weather. During the Joseon Dynasty, If rain continued after the leaves fall down on the roof, the government would enact a hearing system when national and regional leaders would pray to stop the rain. Even though there is sometimes a heat wave after the end of the month, you should start preparing for autumn because of the cool winds at night. Especially, one should prepare kimchi by planting radish and cabbage crops. At this time of year, the plowing of the fields is over, and rural areas are beginning to wind down.

Reference: Korean Folk Culture Research







LAW OFFICES OF PARK & ASSOCIATES

Our law firm practices law in Guam, Saipan, and Washington DC.

Specialized in:

- Immigration: Green Card Application or Renewal,
 Petition for Alien Wife, US Citizenship Application
 (Naturalization) Reentry Permit
- Divorce in the US Courts

관, 사이판, 워싱턴DC에 자격증이 있는 미국변호사로서 영주권신청 및 갱신, 가족초청, 시민권신청, 재입국허가서 등의 이민업무와 미국법원에서의 이혼 등의업무를 처리해드립니다.

박문서 변호사 (MUN SU PARK, Attorney-at-Law, JD/Ph. D.)

P.O. Box 10749, Tamuning Guam 96931, USA Tel:(671) 647-1200, (670) 287-1255 lawyerpark@hotmail.com / Kaokao Talk ID: attorneypark



Retired MWDs looking for families, homes, couches

By Mary Nell Sanchez 502nd Air Base Wing Public Affairs

JOINT BASE SAN ANTONIO-LACKLAND, Texas

(AFNS) -- Fida served her country for almost five years as a military working dog. During the German Shepherd's career, the European-born canine served as a combat tracker for the Marines and worked in detection training at Joint Base San Antonio-Lackland before medically retiring in 2013.

Thousands of MWDs are stationed around the world placing themselves in harm's way detecting bombs, land mines and subduing threatening people; all in the name of keeping Americans safe.

When it was time for Fida to retire, Robert Klesges stepped up to the plate to adopt her and took her home to Tennessee.

"She was almost like a human with fur; she was that smart," Klesges said. "She deserved to be treated like a queen."

During her time with Klesges, Fida loved walks in parks and playing with children.

"She was the sweetest thing in the world," Klesges said. "Fida was a child magnet."

During one outing, Klesges recalled another dog trying to attack him and Fida sprang into action to protect him. Once the incident was over, he said Fida wanted to go and play with children again.

A veterinarian told Klesges Fida would live about two more years before her body simply wore out, but the retired four-legged warrior instead remained an important member of Klesges' family for almost five.

Fida crossed the rainbow bridge earlier this year and Klesges decided to adopt another MWD to honor her. He returned to JBSA-Lackland in June 2019 to meet up with Jerry Britt, 37th Training Wing MWD dispositions coordinator.

"You get the satisfaction of giving the retired military working dog a good place to spend the twilight years," Britt said.

Prospective adopters must fill out paperwork that includes questions about where the dog will live and if they will be cared for with necessary medications throughout their lives. The adoption process is different for every dog and can happen almost immediately or take up to two years.

Each dog's welfare is important when it comes to making a good match. Since they can't speak for themselves, Britt represents their interests. Canines are screened for aggressiveness, how they interact with people, children and other dogs before that final match is made, he said.

To be approved for a MWD adoption, applicants must have a 6-foot fence, no children under the age of 5 and no more than three dogs already in the home. They must also have a veterinarian listed on the application and two references.

Once paperwork is completed, the dog's microchip ID number should be registered with a database prior to the dog leaving and potential

with Sofi, a military working dog at Joint Base San Antonio-Lackland, Texas, June 26, 2019. Thousands of MWDs are stationed around the world placing themselves in harms way detecting bombs, land mines and subduing threatening people; all in the name of keeping Americans safe. (Courtesy photo)

Robert Klesges, left, Jerry Britt, **341st Training Squadron adoptions** and dispositions coordinator and Melissa Little, 59th Medical Wing behavioral health preventive medicine researcher, talk about the military working dog adoption process June 26, 2019, at Joint Base San Antonio-Lackland, Texas. Thousands of MWDs are stationed around the world placing themselves in harms way detecting bombs, land mines and subduing threatening people; all in the name of keeping Americans safe. (Courtesy photo) ▼

adopters must also have an approved crate to transport them home.

Some of the adoptable canines come from the MWD puppy foster program, breeding program eliminations and training program. Retired and medically released canines are also eligible for adoption.

While there is demand to adopt puppies that don't advance in the training program, older retired dogs bring great obedience and good manners even though they have limited longevity, Britt added.

No matter what amount of time Klesges will have with his next canine companion, he is ready to adopt the dog who deserves a great retirement. He will allow Britt to make the final pairing, he said.

"It will have to be a dog that has very good obedience," said Britt, who watches over countless dogs every day as he looks for the right one for Klesges and other adopters.

For now, Klesges will wait for the call that will tell him his next walking canine partner has been selected. He'll return to JBSA-Lackland and fly home with his new companion seated next to him as retired MWDs are permitted to travel in the cabin. Once they land, they'll head off to the park and start a new chapter together.

For more information on the MWD adoption program, email mwd.adoptions@us.af.mil or call 210-671-6766.

CRIMSON SKY

SPIRITUAL CHARGE

CROSSING THE BLUE LINE



By Chaplain Candidate 2d Lt. Jasmin Luck

Plearned the importance of perseverance at a young age. When I was ten years old, my dad took me to the basketball court down the street from our house. I began practicing free throws with the goal of making ten in a row.

Soon thereafter, the lights keeping the park illuminated flickered off and an untimely rain began to soak the court. I picked up the ball and prepared for my dad to tell us it was time to head home. He stopped me and said, "We aren't leaving until you make ten free throws in a row. That was your goal right?" I thought he was joking and we were going to leave soon. He was not kidding. With rain sprinkling everywhere, I shot the best I could at the basketball rim. The first time, I made six in a row and I was told to start over. The second time, I made nine in a row and was told to start over again. Around the seventh attempt, I finally made ten in a row. This experience taught me that while the cost of commitment is great, the reward at the end is worth it. A simple lesson I learned when I was ten years old has carried over into my adult life.

Three years ago, I made a lifechanging commitment by joining the military. I remember "Day

Zero" at Officer Training School (OTS), we were jostled awake by the voices of our MTI's. They told us to put on our ABU's and be downstairs in formation as quickly as possible. In a frenzy, we threw on our uniforms and rushed outside to join our squadrons. We marched to the parade field uncertain of what the morning would hold. Within minutes, we found ourselves toeto-toe with a bright blue line. The commander stood in front of us and began his speech by reminding us of the commitment that is required for success in the Air Force. If we were unfocused, undisciplined or uncommitted, that would no longer be our identity. We were invited to make a change for the better. Anyone willing to stay true to his or her commitment of becoming a military officer was encouraged to cross the blue line. On the count of three, we all crossed as "Class 16-04". The ceremony was symbolic of being part of an organization bigger than ourselves. Crossing the

blue line was also indicative of the responsibility required in honoring our commitments.

After the ceremony, I noticed blue lines taped throughout the OTS campus. They were located outside of the dorms and in our classrooms. Every time we crossed these lines, they served as reminders of the commitment we made to serve our country. I realized that fulfilling this commitment would take time, energy and dedication. Much like the lesson I learned as a child, commitment will cost us something but it is worth the price. Whatever circumstances you find yourself in, know that change is attainable. You have the ability to "cross the blue line" and renew your commitments to yourself, your family or even your faith. I encourage all of you to reassess the commitments you made in your life and the steps you are taking to honor them. It is never too late to cross the blue line.

CHAPEL SCHEDULE

KUNSAN AIR BASE

Protestant Services
Gospel Service
Sunday, 11:30 a.m.
Main Chapel, Bldg. 501
Contemporary Service
Sunday 5 p.m.
Main Chapel, Bldg. 501

Catholic Services
Sunday Catholic Mass
Sunday, 9:45 a.m.
Main Chapel, Bldg. 501
Daily Mass and Reconciliation
Please call the Chapel

Other Worship Opportunities

LDS Service
Sunday, 1:00 p.m.
SonLight Inn, Bldg. 510

Point of Contact: Kunsan Chapel, 782-HOPE

Visit us on SharePoint: https://kunsan.eis.pacaf.af.mil/8FW/HC

OSAN AIR BASE

Protestant Services
-Community Service @ 1030
-Gospel Service @ 1230
Regular Occuring Ministries:
PYOC: (Middle School & High School Students)
- Mondays—1830-2000 @ Chapel
Spiritual Fitness Center.
PCOC: (AWANA)
- Wednesdey @ Chapel Age 3 to 6th grade

meet 1800 -1930 & grades 7th-12th meet 1700-1800 . PMOC: (Men) - Tuesdays - 1830 @ Chapel Annex. PSOC: (Singles & Unaccompanied)

"Osan Hospitality House"

- Bible Studies:
*Saturdays - 1900 @ Hospitality House.

Dinner is provided.

Sundays - 1700 @ Community Center,

Classroom #3.
- Game Night:
*Fridays - 1900 @ Hospitality House. Dinner is provided.

*Van pickup: Fridays: Chapel @ 1730, Mustang CTR @ 1735. Saturdays: Chapel @ 1830, Mustang CTR @ 1835.

PWOC: (Women) "PWOC Osan AB"
- Mondays 1800-2000, Tuesdays 08451100 @ Chapel Annex (Child Watchcare provided) & Sunday 1600-1730 @ Posco
Apartments.

MOPS: Join us for OSAN MOPS!

- Meet twice a month on Wednesday @
the Chapel Annex
Contact: osanmops@gmail.com

Apostolic Pentecostal Apostolic Connection Church Bible Study: Osan Chapel Sanctuary, Mondays 7PM-8PM Catholic Mass
Weekend Masses
Saturday Mass (Sunday obligation), 5 p.m.
Saturday, Also Confessions, 4 p.m.
Sunday Mass, 8:30 a.m.
Tuesday -Thursday Mass, 11:30 a.m.
Friday Mass, 5 p.m.

Catholic Ministries **Catholic Religious Education** Sunday, 10-11 a.m., Chapel annex Korean Prayer group Tuesday, 9:30 a.m., **Blessed Sacra Chapel** Faith formation class/bible study Wednesday, 6:00 p.m., Chapel annex Catholic Men of the Chapel (CMOC) Wednesday, 7:00 p.m., Chapel annex Catholic Women of the Chapel (CWOC) Thursday, 5:30 p.m., Chapel annex hall Catholic Family social meal (Free) Friday, 6-7:30 p.m., Chapel annex hall Catholic Family social meal (Free) Saturday, 6-7:30 p.m., Chapel annex hall

Knights of Columbus & Baptism classes Meet monthly, Pls call 784-5000

Other Faith Groups
Earth-Based (Contact the Chapel)
Jewish (Contact the Chapel)
Muslim (Contact the Chapel)
Buddhist (Contact the Chapel)
LDS Sunday, 1 p.m., Contact the Chapel

Point of Contact: Osan Chapel, 784-5000

Visit us on SharePoint: https://osan.eim.pacaf. af.mil/51FW/51FW-HC/default.aspx

Visit us on Facebook (OSAN AB CHAPEL) https://www.facebook.com/OsanABChapel

USAG-YONGSAN

Protestant Services
Traditional Service
Sunday, 9:30 a.m.
Memorial Chapel, Bldg 1597
Sunday, 9:30 a.m.
Brian Allgood Hospital Chapel
Contemporary Service
Sunday, 9 a.m.
South Post Chapel, Bldg 3702
Sunday, 10:30 a.m.
K-16 Chapel
Nondenominational Service

Sunday, 11 a.m.
South Post Chapel, Bldg 3702
Gospel Service
Sunday, 1 p.m.
South Post Chapel, Bldg 3702

Pentecostal Sunday, 1:30 p.m. Memorial Chapel, Bldg 1597 Latter Day Saints (LDS) Sunday, 4 p.m. South Post Chapel, Bldg 3702

Seventh-Day Adventist Saturday, 9:30 a.m. Brian Allgood Hospital Chapel KATUSA

Tuesday, 6:30 p.m. Memorial Chapel , Bldg 1597 Catholic Mass

Sunday, 8 a.m.
Memorial Chapel, Bldg 1597
Sunday, 11:30 a.m.
Memorial Chapel, Bldg 1597
Saturday, 5 p.m.
Memorial Chapel, Bldg 1597
1st Saturday, 9 a.m.
Memorial Chapel, Bldg 1597
M/W/T/F, 11:45 a.m.
Memorial Chapel, Bldg 1597
Tuesday, 11:45 p.m.
Brian Allgood Hospital Chapel

General Service
Episcopal Service
Sunday 11 a m

Sunday, 11 a.m. Brian Allgood Hospital Chapel

Jewish Friday, 7 p.m. South Post Chapel, Bldg 3702



Point of Contact:
USAG Yongsan Religious Support Office, 738-3011
Visit us on SharePoint:
http://www.army.mil/yongsan



By Capt. Prescott McWilliams, 8th Medical Dental Squadron

KUNSAN AIR BASE, Republic of Korea -- Substance use and abuse is a major concern to the health, resiliency and readiness of our nation's military. Among the many products that may be used and lead to addictive behaviors, tobacco stands out for its legality, availability, history with the military, status with Congress and lobbyists and low prices on military installations. Tobacco and the military have a long, entwined history, from Gen. MacArthur and his corncob pipe to Gen. LeMay's cigars. However, public health studies show us that tobacco has several detrimental effects on our ability to be warfighters.

Tobacco and nicotine use has detrimental effects on physical fitness, healing ability and is related to a higher prevalence of physical injury, mental health disorders and financial pressure. The prevalence of smoking in the military has been shown to be slightly higher than that in the general population, and experiences common to the military, such as deployment to austere or challenging environments, have been shown to increase tobacco use above that of the non-deployed military population.

Additional nicotine-containing products have gained popularity in recent years and have not been studied as thoroughly. Notably, electronic cigarettes (whether you call them e-cigarettes, e-cigs and vaping) are occupying an increasing share of the tobacco market and advertising spaces, especially in military magazines and base commissaries. While it will take time to evaluate the long-term effects of these new products, initial evaluations show they have fewer harmful contents than traditional cigarettes. However, many serious injuries have occurred from e-cigarette use, related to impurities in the vaping liquid, or defects that can cause the e-cig battery to explode during use!

The end to tobacco and nicotine use is a particularly important health goal in the military, to help improve the physical and mental readiness of the total force. One of the popular reasons for e-cigarette use is to aid in lowering or ending tobacco or nicotine, but there are not many studies that show it may be supportive in that effort. In fact, other studies show that e-cigarette use may even decrease the success rate of a quit attempt! However, even with the aim of quitting in mind, e-cig use comes with exposure to dangerous and impure chemicals and a potential ignition source an inch in front of your face.

If you are considering a change to lessen or cease a tobacco or nicotine habit, call the 8th MDG at 782-2273 or 782-2778 to schedule an appointment. We are happy to discuss safer and proven strategies to decrease your dependence, increase your resiliency and help you become better prepared to be ready for the fight!



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CFC #11117





USDA creates program to protect predatory birds, Airmen

By Airman 1st Class Breanna Klemm 97th Air Mobility Wing Public Affairs

ALTUS AIR FORCE BASE, Okla. (AFNS) -- Hawks and falcons are an essential part of the ecosystem and are one of nature's instinctive predators. Although these natural aviators are beneficial to the environment, they can pose a

threat to the safety of Airmen,

aircraft and vulnerable wildlife.

The 97th Air Mobility Wing Bird/Wildlife Aircraft Strike Hazard, or BASH, program, expanded with the addition of the Predatory Bird Relocation Program.

After seeing the risks predatory birds, or raptors, have when they live near or on airfields, Adam Kohler, a U.S. Department of Agriculture Wildlife Services wildlife biologist at Altus Air Force Base, created the Predatory Bird Relocation Program, which safely removes birds that have the potential to injure themselves or aircrew.

"I work for the USDA Wildlife Services which acts kind of like the government's wildlife damage management program," Kohler said. "One of the big areas we work in are airfields. We use the BASH program to help keep the public and aircraft safe from accidents that may happen with wildlife."

The Predatory Bird
Relocation Program is an important aspect in forwarding the mission of the 97th AMW.
Each year, the Air Force spends approximately \$100 million repairing damage to aircraft from birds and other wildlife.
Since Kohler founded the program in the fall of 2018, more than 20 raptors have been safely captured and relocated away from the airfield saving Altus AFB time, lives and money.

"While hawks and falcons are less abundant than other birds found in this area, they are one of the species with the highest risk of getting hit," Kohler said. "Although there is less of them out there, they get struck by aircraft more often, and because

of their size they inflict more damage when they are hit. That is why we created the program specific to relocate the raptors."

When a raptor is within a close enough range of the airfield to become a hazard, Kohler sets out harmless, simple traps to capture the bird. Once the raptor is caught, Kohler places a tracking band on its foot and relocates it to a safer environment.

"By us going out there and banding the raptors, it helps out U.S. Fish and Wildlife Services and any agencies that are studying wildlife," Kohler said. "It's a great cooperative effort between us and every other wildlife research agency towards gaining knowledge from and understanding different species."

Each tracking band has a specific number on it to help identify the bird in the future. This is a very important part of the relocation process because it can help identify which birds return to the airfield once they have been relocated. If a banded bird does return, it is relocated to a different environment, hopefully to keep the raptor satisfied at its new location.

"Banding the birds is an essential part, nationwide, to the agencies research of the effectiveness in relocating raptors," Kohler said.
"Throughout our research we have found that more than 90 percent of the relocated birds have stayed in their new location, away from the airfield. It's good because this data helps us show that catching and relocating these birds actually keeps them away and safe, and not returning."

Although predatory birds are necessary in local environments, flying too close to an airfield is a threat to the raptors' own lives and the safety of Airmen. By relocating these raptors to a safer location, Kohler and the USDA Wildlife Services team help keep the 97th AMW safe and mission ready.



Adam Kohler, a United States Department of Agriculture Wildlife Services wildlife biologist at Altus Air Force Base, Okla., handles a recently-caught predatory bird. Kohler is the founder of the Predatory Bird Relocation Program, designed to keep these instinctive predators safe. (Courtesy photo)





Aug 2019: Energy Drinks & Hot Weather



Energy Drink Over-Consumption Symptoms

- Dizziness
- Nausea
- Heavy Sweating
- Nervousness
- Rapid Heart Rate
- **Heart Palpitations**

All of these will make it harder to function safely when it is HOT outside!

Many people who choose energy drinks will often use them in place of water or electrolyte-rich drinks. Because energy drinks contain high amounts of caffeine, a diuretic, people risk dehydrating more quickly in the heat. To further complicate this problem, energy drinks cause the heart to pump faster. As the heart pumps faster, it raises blood pressure, increasing a person's risk for heat stress. This effect is only compounded if a person is already raising his heart rate through exercise. During the exercise, a person should opt for water or sports drinks instead. You should never underestimate the effects that the caffeine and stimulants in energy drinks could have on your body. Especially in the summer heat, you could experience severe dehydration, elevated blood pressure, and even heat stress or cardiac arrest. Instead, keep your caffeine intake at a minimum and opt for water and drinks that replenish electrolytes in the body.

WATER IS ALWAYS A BETTER CHOICE

WHEN OUTSIDE IN THE HEAT!



Bonus Tip: More Energy Drink Dangers

High amounts of sugar in energy drinks can lead to non-heat related issues, too. Weight gain, tooth decay and high blood glucose are some of them.



Maj. Tanya Mooneyham, 81st Medical Group lintensive Ccare Uunit element leader, poses for a photo inside Keesler Medical Center on Keesler Air Force Base, Mississippi., July 15, 2019. Mooneyham received the 2019 Society of American Indian Government Employees Military Meritorious Service Award for her dedicated work in her community while supporting the Defense Department mission. (U.S. Air Force photo by Senior Airman Suzie Plotnikov)

SAIGE Military Meritorious Service Award winner fosters resilience, culture

By Senior Airman Suzie Plotnikov 81st Training Wing Public Affairs

KEESLER AIR FORCE BASE, Miss. (AFNS) -- Maj. Tanya Mooneyham, 81st Medical Group Intensive Care Unit element leader, belongs to a group that comprises only 2% of the U.S. population and an even smaller percentage in the military.

Mooneyham is proud of her Native American heritage which taught her resilience and enabled her to win the 2019 Society of American Indian Government Employees Military Meritorious Service Award for her dedicated work in her community as well as supporting the Defense Department mission.

"I was very surprised," Mooneyham said. "I didn't see myself getting an award for what I was doing."

Maj. Roger West, 81st MDG ICU flight commander, thought the opposite. When West received an email informing him of the award, he instantly thought of Mooneyham and encouraged her to submit her package.

"I thought she was a great candidate," West said. "I know she has done a lot of work back home with her family."

Mooneyham's family lives on a reservation in New Mexico where her grandmother has

a big property. and fFor the last four years, Mooneyham and her family have visited for two weeks every summer to help the community.

"We call it Reservation Festival," Mooneyham said. "It's open to anybody who wants to hang out for a week, camp and clean the area. We don't necessarily just hang out but we also incorporate our Navajo culture in our youth and try to teach them things we grew up with."

Mooneyham mentioned growing up in her community, the elders often assigned tasks for the children to complete, which taught her how to obey orders.

"A lot of elders back home didn't allow laziness within the kids," Mooneyham said. "Learning to obey was something that I knew how to do so joining the military was like, 'Okay, what do you want me to do next?""

Mooneyham said she's grateful for growing up the way she did because it taught her how to be resilient no matter the circumstance.

"I grew up in a reservation where there was a lot of poverty," Mooneyham said. "You don't realize how much poverty there is because you're living in it and that's the only thing you know. I feel like if you can bounce back from what you learn and what you live through on a reservation, you can go through life in the military."

For this reason, Mooneyham not only goes back every year not only to help her community, but also instill her culture in her family.

"Although we are removed from there (the reservation), we still carry it within us and want our youth to know that too," Mooneyham said. "We always try to figure out what needs to get done whether it's picking up trash, cleaning up areas or being involved with the community Chapter House."

The Chapter House is where elders of the community get together to see what people need. During Mooneyham's time at the reservation, hershe and her family would see if people needed water, wood hauled or any other basic needs.

"We try and go back there and just help out," Mooneyham said. "In doing all that, you don't realize how much you're doing, you're just doing it because that's what you should do in my opinion: give back to your roots."

Mooneyham said she didn't expect to win the award and even though it was an individual award, it was anything but that for her.

"This isn't just my award," Mooneyham said.
"This is our award and what we've done together through our unity and being able to come together every year to bring our culture to life and giving back to the community. That's what I see when I look at this award."

Bingsu (shaved ice with toppings) is a popular snack food found almost everywhere in Korea during the summer months. As it becomes a heavily dominant menu eaten across the nation by many Koreans and travelers seeking unique eats, lots of dessert businesses are coming up with more creative concoctions to delight their customers. To beat the sweltering heat this summer, let's indulge in some of these tasty treats known to be the best of the best! Read on to find a variety of places where you can explore endless diversity of bingsu and flavors.



Korea's Refreshing Summer Delight—Bingsw!



The classic − pat bingsu ◀

Bingsu (shaved ice with toppings) is a popular snack food found almost everywhere in Korea during the summer months. As it becomes a heavily dominant menu eaten across the nation by many Koreans and travelers seeking unique eats, lots of dessert businesses are coming up with more creative concoctions to delight their customers. To beat the sweltering heat this summer, let's indulge in some of these tasty treats known to be the best of the best! Read on to find a variety of places where you can explore endless diversity of bingsu and flavors.

A burst of refreshing flavors, fruit bingsu ▶

Today, many bingsu shy away from the predominant red bean taste and some even omit the red beans altogether. This modification is especially welcomed by those who do not like red beans, or pat in Korean. The fruit toppings, whether freshly diced or added with honey and syrup, go so well with shaved ice, they make a perfect combination that will have you craving more. Recent popular fruit bingsu are those with shaved ice made of fruit or fruit extract, maximizing the fresh fruitiness. Flavors greatly depend on the main ingredient, options ranging over a wide variety of fruits, including mangos, strawberries, grapefruits, melons and peaches. Fruit bingsu may not be as sweet as the classic pat bingsu, but will melt in your mouth all the same and offer a burst of refreshing fruity flavors until your last scoop.



FOOD & FUN

Never seen before unique bingsu ▶

If you're tired of the basic bingsu, be on the lookout for new and exciting remakes! Cloud Mango Bingsu features a fluffy cotton candy cloud held aloft over fresh mango, mango pudding, and a smooth frozen treat made of milk and mascarpone cream. Jjajang Bingsu is designed to resemble jjajangmyeon (noodles in black bean sauce). White ice cream is prepared to look like the noodles, while the red bean paste is dark enough to disguise as the black bean sauce! Small chocolate balls made to look like peas complete the image. If you're looking for something that really packs a sugary punch, Crème Brulee Bingsu will hit the spot! This bingsu has a base of custard cream, topped with ice cream and caramel, and a side of berry compote for that final touch. All these unique bingsu attract a lot of attention, as they are not only visually appealing but taste heavenly, too!



Topped with nutritious goodies, healthy bingsu ▲

Bingsu can easily be made healthy by the addition of nutritious ingredients. You'll feel healthier just by looking at bingsu topped with chunks of sweet pumpkin, jujube or almond. While normally bitter, mugwort can be made into sweetened jellies or chocolates, or even mixed with condensed milk and granola to put atop shaved ice for a treat that is a triple threat: sweet, cooling, and healthy. If you're looking for something completely Korean, hanbang (medicinal herb) bingsu includes nutrient-filled ingredients such as gugija (wolfberry fruit), yulmu (Job's tear), odi (mulberry fruit), nuts, and cinnamon powder, and has a taste similar to traditional Korean tea sujeonggwa (cinnamon punch).



2019 KDVA Education Conference and Dinner

GEN(R) Kwon, Oh-Sung, President, Korea Chapter of Korea Defense Veterans Association requests the honor of your presence to an 2019 KDVA Education Conference and Dinner for Junior Servicemembers on Thursday, 19 September 2019 at 1830 Ball Room, River Bend Golf Clubhouse, USAG Humphreys.

R.S.V.P. by 9 Sep 2019 to USFK PAO pacom.yongsan.usfk.list.pao-comrel@mail.mil (DSN: 755-4424, 4426, 4427)

WHAT: 2019 KDVA Education Conference and Dinner for Junior Service members

WHO: Korea Chapter of Korea Defense Veterans Association (KDVA)

WHEN: 19 September 2019, Thursday at 1830

WHERE: Ball Room, River Bend Golf Clubhouse,

USAG-Humphreys

WHY: To encourage soldiers, Junior NCOs and Officers serving in USFK, KATUSA, and CFC to actively educate themselves about the true meaning of ROK-US Alliance

HOW:

- -- Attire: Duty Uniform (Mil) / Business Suit (Civ)
- -- Seats are open to E7 below and O4 below US service members
- -- Registration to USFK PAO at pacom.yongsan.usfk.list.pao-comrel@mail.mil

PROGRAM:

1800-1825 Reception

1830-1840 Opening and Introduction of KDVA

1840-1845 Welcoming Remarks

1845-1915 Lecture and Q&A

1915-1920 Presentation about ROK-US Alliance

1920-2010 Dinner

2010-2030 Conversation on ROK-US Alliance 2030-2035 Closing / Group Photo