

Crimson Sky



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Aircraft from the U.S. Air Force, U. S. Marine Corps, Japan Air Defense Force and Republic of Korea Air Force conduct a show of force flight south of the Demilitarization Zone in South Korea on Aug. 31, 2017. In response to North Korea’s recent intermediate range ballistic missile launch, the United States, Japan and Republic of Korea Air Force launched a first ever sequence bilateral mission with the U.S. Marine Corps in northeast Asia. The primary goal for this tri-integrated mission was to emphasize the combined ironclad commitment to the defense of Allies in the region and the U.S. homeland. It also enforced combined military readiness through an integrate mission to ensure all national leaders the regions viable and ready military options. (U.S. Air Force photo by Staff Sgt. Alex Fox Echols III)

Allied Forces conduct show of force

By CDR David Benham
U.S. Pacific Command

CAMP H.M. SMITH, Hawaii -- The United States’ newest and most advanced fighter, the U.S. Marine Corps’ F-35B Lightning II, joined U.S. Air Force B-1B Lancers for the first time in a sequenced bilateral mission with Japan and Republic of Korea air forces in Northeast Asia August 30.

Two B-1Bs from Andersen Air Force Base, Guam; four U.S. Marine F-35Bs from Marine Corps Air Station Iwakuni, Japan; two Koku Jieitai (Japan Air Self-Defense Force) F-15Js; and four Republic of Korea Air Force (ROKAF) F-15Ks executed this mission to emphasize the combined ironclad commitment to the defense of Allies and the U.S. homeland. Enhancing combined military readiness through integrated missions ensures national leaders of viable and ready military options.

This mission was conducted in direct response

to North Korea’s intermediate-range ballistic missile launch, which flew directly over northern Japan on August 28 amid rising tension over North Korea’s nuclear and ballistic missile development programs.

“North Korea’s actions are a threat to our allies, partners and homeland, and their destabilizing actions will be met accordingly,” said Gen. Terrence J. O’Shaughnessy, Commander, U.S. Pacific Air Forces, who just returned from an unscheduled visit to Japan to meet with his counterparts. “This complex mission clearly demonstrates our solidarity with our allies and underscores the broadening cooperation to defend against this common regional threat. Our forward-deployed force will be the first to the fight, ready to deliver a lethal response at a moment’s notice if our nation calls.”

Over the course of the 10-hour mission, the F-35Bs, B-1B bombers and Koku Jieitai fighters

flew together over waters near Kyushu, Japan. The U.S. and ROKAF aircraft then flew across the Korean Peninsula and practiced attack capabilities by releasing live weapons at the Pilsung Range training area before returning to their respective home stations.

“The F-35 embodies our commitment to our allies and contributes to the overall security and stability of the Indo-Asia Pacific region,” said Lt. Gen. David H. Berger, commander, U.S. Marine Corps Forces Pacific. “By forward-basing the F-35, the most advanced aircraft in the world, here in the Pacific, we are enabling the Marine Corps to respond quickly during a crisis in support of Japan, the Republic of Korea, and all our regional partners.”

U.S. Pacific Command maintains strategic bomber and fighter capabilities in the Indo-Asia-Pacific theater, retaining the ability to respond to any regional threat at a moment’s notice.

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Crimson Sky

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2017 Osan AB Energy Cup Competition

51st Civil Engineer Squadron

More than 30 facilities competed in energy saving practices in the 51st Civil Engineer Squadron's 2nd Annual Energy Cup competition. The nine-month competition wrapped up on 30 June 2017 with the 51st Aircraft Maintenance Squadron Headquarters Building 1624 took first place in the competition.

The Competition resulted in the 32 facilities saving 8,110 million British Thermal Units (MBTUs) of energy and over

\$229,000 in energy costs, which falls in line with the Air Force's priority to "foster an energy awareness culture."

"The competition is fair for all-sized facilities, because the FY17 energy consumption is compared to the same facility's consumption in FY16," said David Moysey, 51 CES Resource Efficiency Manager. Mr. Moysey went on to say "the competition is a great way to increase awareness in conserving energy and water on the base."

Other top reducing facilities in

this year's Energy Cup included the 7th Air Force's B933, 51st Force Support Squadron's B917, 731st Air Mobility Squadron's B870, and Dorms 499 and 1346.

Now that the FY17 competition is over, the 51 CES is preparing for the FY18 competition which is slated to begin 1 Oct 17, kicking-off Osan's Energy Action Month. The 10 competing facilities that did not reduce their energy use from the previous year, will automatically be re-entered in the FY18 Energy Cup competition.

USPACOM commander visits Osan



U.S. Admiral Harry Harris Jr., commander of U.S. Pacific Command, visits Osan Air Base, Republic of Korea on Aug. 21, 2017. During his visit, Admiral Harris experienced firsthand the critical capabilities that the 7th Air Force and the 51st Fighter Wing provide in the collective defense of the Korean Peninsula, and how Team Osan always remains ready to "Fight Tonight" when called upon.

The Wolfpack wrestles Beverly Pack 17-3



U.S. Air Force Airmen assigned to the 8th Security Forces Squadron exit the base post office during a regularly-scheduled operational readiness exercise, Beverly Pack 17-3, at Kunsan Air Base, Republic of Korea, Aug. 22, 2017. Airmen of the 8th Security Forces Squadron and Explosive Ordnance Disposal team responded to the area after receiving a call about a simulated suspicious package. Airmen cleared out the building to ensure all personnel were out of harm's way to fully practice how they would respond to a real situation of this nature. (U.S. Air Force photo by Senior Airman Colby L. Hardin)



U.S. Air Force Airman 1st Class Rachel Walker-Zamora, 8th Civil Engineering Squadron firefighter, prepares to strap a simulated car accident victim to a medical litter during training exercise Beverly Pack 17-3, at Kunsan Air Base, Republic of Korea, Aug. 22, 2017. This exercises tested Kunsan first responders on time and effectiveness during a high stress environment. (U.S. Air Force photo by Senior Airman Colby L. Hardin)

By Staff Sgt. Victoria H. Taylor
8th Fighter Wing Public Affairs

KUNSAN AIR BASE, Republic of Korea -- U.S. Air Force Airmen assigned to the 8th Fighter Wing and the 115th Fighter Wing, Wisconsin Air National Guard, who are deployed as part of a Theater Security Package, conducted a regularly-scheduled exercise at Kunsan Air Base, Republic of Korea, August 21 to 25, 2017.

The installation-wide exercise was a part of the wing commanders' inspection program to test the operational readiness and ability to rapidly respond to U.S. Forces Korea commander requirements to defend the Korean Peninsula in the event of a contingency operation.

"This week-long exercise allows us to practice as an entire wing under a contested environment," said Maj. Michael Willhide, 8th FW director of inspections. "The scenarios our Airmen endure test their ability as well as help us identify areas that have issues, so we can improve."

During the exercise, the Wing Inspection Team employed a variety of situations in a simulated chemical environment, which kept Airmen engaged around the clock to test their ability to survive and continue with their missions.

Simulated events included attacks which put the 8th Security Forces Squadron on the front lines to defend the base, medical emergencies which tested the 8th Civil Engineering Squadron and the 8th Medical Group's ability to rapidly respond across the base, and weapons preparation and aircraft maintenance to conduct continuous F-16 Fighting Falcon launches – challenging members of the 8th Maintenance and Operations Groups.

"This was my first exercise," said Senior Airman Branden Webb, 8th Maintenance Squadron aerospace propulsion journeyman. "I had all the knowledge I needed prior to this exercise, but there is a difference between knowing all the tools I've been given to complete the mission and actually implementing it during all the chaos."

The training exercise put Airmen to the test, but ultimately every person on the installation knew that this exercise was an opportunity to practice defending the base, accepting follow-on forces and taking the fight north.

"I've learned to always be prepared, and even though it's practice, I'm still going to get at it," said Webb.

2017 Peaceful Unification Marathon at DMZ area



Gyeonggi Provincial Government has cordially invited 40 people consisting of Osan military active duty, civilian and family members for the upcoming 2017 DMZ peace marathon.

Anybody interested in the event, please send below information to Mr. Kim, Won-Hee at won_hee.kim.kr@us.af.mil

Full Name | Gender | DOB | Cell Number | Course (6K/10K/Half/Full) | Jacket size (S/M/L/XL/XXL)

Host: Gyeonggi Provincial Government

Sponsors: Gyeonggi Tourism, Munhwa Daily.

Date: Sun, 24 September 2017

Location: DMZ area

Courses: Full, Half, 10K and 6K

Cost: 10,000 won. Transportation, registration fee, lunch and gift (sports jacket) included.

* Original cost is 60,000 won. Gyeonggi Provincial Government provides 50,000 won for each of 40 participants.

For more information:

<http://marathon.munhwa.com/english/>

Driving Success: UFG Airman supports exercise with a smile

By Senior Airman Jacob Skovo
7th Air Force Public Affairs

OSAN AIR BASE -- For many, arriving at temporary duty station in a new location can be stressful and disorienting. One ground transportation Airman, deployed to Osan Air Base, Republic of Korea, to support exercise Ulchi Freedom Guardian from Kadena Air Base's 18th Logistics Readiness Squadron in Japan, is using his comedic attitude and position as a shuttle

driver to lift UFG augmentee's spirits.

In a clean Air Force uniform with rolled jacket sleeves Senior Airman Darren Kimura greets his his first passengers of the day at 5 a.m. with a friendly smile. The driver is a member of the group responsible for setting up and providing many types of support to the residents of Osan's life support area, Rush Park, where more than 600 augmentees will live during UFG.

Kimura is one of a six person

transportation team, gathered from Kadena and Yakota Air Bases and Joint Base Pearl Harbor-Hickam. The group is responsible for shuttling the residents of the LSA to and from their new work stations 24 hours a day.

With his dark eyes on the road, Kimura cracks jokes and brightens the atmosphere on the bus to keep the drive from being another stale ride to work or the dining facility.

"I don't want anyone getting depressed while here," Kimura

said. "Because we're all in the same situation, being away from our home, family and friends, I think it's important to stay upbeat and get to know each other."

Along with keeping a friendly environment on his bus Kimura shares useful information and offers a tour, during the normal bus route, to new passengers. He points out base facilities and services that aren't directly along the bus route and encourages riders to use them to enjoy their free time to the fullest.

"When I got to Osan I had no idea where any of the buildings were on base," said Senior Airman Kim Huston, an Air Intelligence Squadron intelligence analyst deployed from Scott Air Force Base, Illinois, to support UFG. "Kimura's tour gave me an idea of where I needed to go and helped me make good use of my time."

Keeping customers entertained and happy on their way to or from a long shift isn't just for fun. Being able to quickly move large amounts of personnel on time speeds up mission response time. Enabling UFG to run smoothly, allows Airmen, Soldiers and Marines participating in the exercise to form a cohesive team with U.S. allies and partners as they perform drills to defend the Korean Peninsula with precision.

"If participating in an exercise can help keep families safe I feel that it's needed," Kimura said. "My family and friends are very important to me, so if I can contribute to the effort in even a simple way like driving a bus it's worth it to me."



Senior Airman Darren Kimura, an 18th Logistics Readiness Squadron vehicle operator deployed from Kadena Air Base, Japan, drives a 44 passenger bus in support of the annual Ulchi Freedom Guardian exercise August 17, 2017, at Osan Air Base, Republic of Korea. UFG is designed to enhance readiness, protect and maintain stability in the region. Exercise participants conduct rigorous computerized simulations designed to test their ability to defend the Korean peninsula. (U.S. Air Force photos by Senior Airman Jacob Skovo)

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Aircraft from the U.S. Air Force, U. S. Marine Corps, Japan Air Defense Force and Republic of Korea Air Force conduct a show of force flight south of the Demilitarization Zone in South Korea on Aug. 31, 2017. In response to North Korea's recent intermediate range ballistic missile launch, the United States, Japan and Republic of Korea Air Force launched a first ever sequence bilateral mission with the U.S. Marine Corps in northeast Asia. The primary goal for this tri-integrated mission was to emphasize the combined ironclad commitment to the defense of Allies in the region and the U.S. homeland. It also enforced combined military readiness through an integrate mission to ensure all national leaders the regions viable and ready military options. (U.S. Air Force photo by Staff Sgt. Alex Fox Echols III)



PACE workshop with Wolf Pack Leaders



U.S. Air Force Col. David Shoemaker, 8th Fighter Wing commander, addresses participants during the Leadership Behavior DNA workshop at Kunsan Air Base, Republic of Korea, Sep. 1, 2017. The workshop, hosted by the Profession of Arms Center of Excellence, allowed participants to learn about the different traits and factors involved with interpersonal communications and leadership decision-making. (U.S. Air Force photos by Senior Airman Michael Hunsaker)



U.S. Air Force MSgt. Michael Shain, 8th Fighter Wing administrative superintendent, and Col. Steven Tittel, 8th Fighter Wing vice commander, compare charts during the Leadership Behavior DNA workshop at Kunsan Air Base, Republic of Korea, Sep. 1, 2017. Throughout the workshop, hosted by PACE, leadership from different organizations around Kunsan learned how to better themselves as leaders by gaining a better understanding of varying factors and traits involved with interpersonal communications and leadership decision-making.

Gunsan City Immersion Tour



U.S. Air Force Airmen assigned to Kunsan Air Base, Republic of Korea, pose with Mayor Moon Dong-shin, Gunsan City Mayor, during an immersion tour in Gunsan City, ROK, Aug. 28, 2017. During the tour Airman ate a traditional bibimbap meal and experienced the history and heritage of South Korea at the Gunsan Modern History Museum. (U.S. Air Force photos by 2nd Lt. Brittany Curry)



Mayor Moon Dong-shin, Gunsan City Mayor, speaks at City Hall during an immersion tour in Gunsan City, Republic of Korea, Aug. 28, 2017. The tour offered a chance for Airmen and leadership assigned to Kunsan Air Base to engage the community as well as learn about upcoming city developments and priorities.



U.S. Air Force Col. David Shoemaker, 8th Fighter Wing commander, speaks at City Hall during an immersion tour in Gunsan City, Republic of Korea, Aug. 28, 2017. The tour aimed to strengthen the bonds and partnership between the Wolf Pack and the city of Gunsan.

AF dentist, Army veterinarian team up for K-9 root canal



Air Force Lt. Col. Brent Waldman, the 386th Expeditionary Medical Operations flight commander and dentist, performs a root canal procedure on a military working dog at an undisclosed location in Southwest Asia, Aug. 30, 2017. Waldman worked with the Army's veterinary clinic to provide the medical treatment to the MWD. (U.S. Air Force photo/Tech. Sgt. Jonathan Hehnl)

By Master Sgt. Eric Sharman
386th Air Expeditionary Wing Public Affairs

SOUTHWEST ASIA (AFNS) -- In a deployed environment, adequate medical care is crucial to ensuring people can execute the mission. Airmen need to be physically and mentally healthy or the mission could suffer. The 386th Expeditionary Medical Group boasts a medical clinic, physical therapist, mental health team and dental clinic as just some of the available services paramount to keeping Airmen mission ready and in the fight.

But what do you do when an Airman needs medical attention and isn't a person?

This was a riddle that Army Capt. Margot Boucher, the 358th Medical Detachment officer in charge and veterinary doctor at the base Veterinary Treatment Facility, had to solve recently when Arthur, a military working dog valued at almost \$200,000, was brought to her clinic with a fractured tooth.

"Arthur was doing bite training, bit the wrong way and tore part of his canine tooth off, so he had a fracture to the gum line on one of his strong biting teeth," explained Boucher. "The big concern with that, in addition to being a painful condition, is that they can become infected if bacteria were to travel down the tooth canal."

Boucher, a reservist deployed from the 993rd Medical Detachment of Fitzsimons Army Reserve Center in Aroura, Colorado, is employed as an emergency room veterinarian as a civilian. While she is well-versed in the medical side of veterinary medicine, she knew she wasn't an expert in veterinary dentistry. In order to get Arthur the care he needed, Boucher reached out to her Air Force counterparts at the 386th EMDG for help.

"In this environment, I'm kind of all they've got," said Air Force Lt. Col. Brent Waldman, the 386th Medical Operations flight commander and dentist. "I've done four or five of these on dogs, but I don't do these often. I felt very comfortable doing it, because dentistry on a human tooth

versus a dog tooth is kind of the same, if you know the internal anatomy of the tooth."

Waldman performed a root canal on Arthur, a Belgian Malinois. This procedure involved drilling into the tooth and removing soft tissues, such as nerves and blood vessels, to hollow the tooth out, according to Waldman. After the tooth was hollowed out, and a canal was created, it was filled and sealed with a silver filling. The procedure for Arthur was the same Waldman would do on a human patient.

"The reason why you do a root canal is because the likelihood of there being an infection or other issue with that tooth is significantly decreased," said Waldman, who is deployed from the 21st Medical Squadron at Peterson Air Force Base, Colorado. "This is crucial for a military working dog because without his teeth, Arthur may be removed from duty."

MWDs are trained to detect and perform patrol missions which can involve biting a suspect to detain them or protect their handler. This is why dental health is crucial to a MWD.

"Those canine teeth are their main defensive and offensive tools," said Waldman. "A dog with bad teeth...it's like a sniper having a broken trigger finger."

While Waldman had experience doing dental procedures on MWDs, he still needed the expertise Boucher had in veterinary medicine.

"Typically when we collaborate with human providers, we'll still manage the anesthesia and the medical side of the procedure," said Boucher. "Usually if they are unfamiliar with the anatomical differences we'll talk them through that and familiarize them with the differences between animal and human anatomy, but in terms of dentistry, it's very similar. The procedure is the same, but the tooth is shaped a little differently."

Prior to the procedure, Boucher conducted pre-anesthetic blood tests to make sure 6-year-old Arthur didn't have any pre-existing conditions anesthesia would complicate. During the root canal, Boucher watched Arthur closely and

monitored his heart rate and blood oxygen saturation while making minor adjustments to his sedation as needed.

The procedure was successful and Arthur returned to his deployed location with his handler a few days after. Were it not for the inter-service and inter-discipline teamwork of Boucher and Waldman, Arthur and his handler may have had to travel back to the U.S. to get the medical care needed.

"It's a great service to be able to do," said Waldman. "If we couldn't do this, Arthur and his handler would have probably had to be taken out of theater, to a location where they had the capability to do this procedure. It saved a ton of time to be able to do this here, and get Arthur back to protecting our war fighters."



Army Capt. Margot Boucher (left), the 358th Medical Detachment officer-in-charge of the base Veterinary Treatment Facility, observes Air Force Lt. Col. Brent Waldman (center), the 386th Expeditionary Medical Operations flight commander and dentist, as he performs a root canal on a military working dog at an undisclosed location in Southwest Asia, Aug. 30, 2017. Waldman worked with the Army's veterinary clinic to provide the medical treatment to the MWD.

HVAC Supports Base Facilities



U.S. Air Force Airman Gianni Galvan, 51st Civil Engineer Squadron heating, ventilation and air-conditioning technician, fixes a building's AC unit at Osan Air Base, Republic of Korea on August 9, 2017. The Osan HVAC shop is responsible for almost 600 facilities on base and 4,700 single occupancy dorms. (U.S. Air Force photo by Airman 1st Class Gwendalyn Smith)



(Above) U.S. Air Force Staff Sgt. Matthew Sato, 51st Civil Engineer Squadron heating, ventilation and air-conditioning technician, works with HVAC gauges at Osan Air Base, Republic of Korea on August 9, 2017. The Osan HVAC shop has 18 active duty military members and 20 civilian contractors that are responsible for almost 600 base facilities. (U.S. Air Force photo by Airman 1st Class Gwendalyn Smith)

(Right) U.S. Air Force Airman Gianni Galvan, 51st Civil Engineer Squadron heating, ventilation and air-conditioning technician, practices on a HVAC training system at Osan Air Base, Republic of Korea on August 9, 2017. Aside from day-to-day operations, the Osan HVAC shop has about five, first-term, Airmen that are responsible for completing their primary duties and stay current on their upgrade training. (U.S. Air Force photo by Airman 1st Class Gwendalyn Smith)



AFNORTH wraps up Hurricane Harvey ops, looks East to Irma

By Master Sgt. Benjamin Wilson
Air Forces Northern Public Affairs

TYNDALL AIR FORCE BASE, Fla. (AFNS) -- As Hurricane Harvey slammed into coastal Texas the last week of August, Houston and the surrounding area were pounded with unprecedented amounts of rain – experiencing 50 inches of rain in a matter of days. That is more than the annual average for the region.

Flash flooding decimated the region, putting extreme stress on local and state resources available to provide relief and rescue efforts to the Texans who needed it.

Within days, the state government requested the aid of Defense Department resources through the Federal Emergency Management Agency. In response, Air Forces Northern stood up a crisis action team to direct aerial operations of federal military assets supporting the relief effort for the tens of thousands of people displaced from their homes.

“I am proud of this outstanding team of professionals who carried out a critical mission, especially our search and rescue effort, in the wake of this catastrophic storm,” said Lt. Gen. R. Scott Williams, the AFNORTH commander. “This was a total force effort to support our federal, state and interagency partners as we collectively responded to those in need. Our ability to work hand in hand with active (duty), (Air National) Guard and reserve military forces, as well as U.S. Coast Guard and Customs and Border Protection assets, was a complete success.”

Air Force, Army, Navy and Marine units from across the continental U.S., along with the Coast Guard and Air Force Auxiliary Force (Civil Air Patrol), banded together with state and local agencies to provide enhanced search and rescue, communications and aerial imagery collection during recovery efforts.

Of the more than 16,800 individuals rescued by the Department of Homeland Security, Coast Guard, Customs and Border Protection, FEMA and DOD, 2,078 search and rescue operations were coordinated through Tyndall Air Force Base’s Air Operations Center.

The Search and Rescue Operations Coordination Element provided centralized control and prioritization of federal military search and rescue forces to ensure the greatest unity of effort to save lives, prevent human suffering and mitigate great loss of property.

In addition to the search and rescue efforts, the



Rescue teams, from the 920th Rescue Wing at Patrick Air Force Base, Fla., rescue stranded victims trapped by flooding from Hurricane Harvey, Aug. 31, 2017, in Beaumont, Texas. The 920th RQW deployed roughly 90 citizen Airmen, three HH-60 Pave Hawks and two HC-130Ns in support of Air Force Northern’s search and rescue mission for Federal Emergency Management Agency disaster response efforts. (U.S. Air Force photo/Tech. Sgt. Lindsey Maurice)

Customs and Border Protection Air and Marine Operations Center requested AFNORTH assistance for airborne command and control over devastated areas of Texas.

The 601st Air Operations Center, which is the operational arm for AFNORTH, employed an E-3 Sentry and E-8 Joint Stars as well as a Navy E-2 Hawkeye to fill the role of a communications relay and act as a tactical hub between the Western Air Defense Sector, Houston Air Route Traffic Control Center, an air support operations squadron and over 80 search and rescue aircraft.

The Navy’s P-8 Poseidon, although designed for battlefield intelligence, surveillance and reconnaissance, also provided aerial imagery of

the Texas landscape through their capabilities employed in support of civil authorities heading the relief efforts.

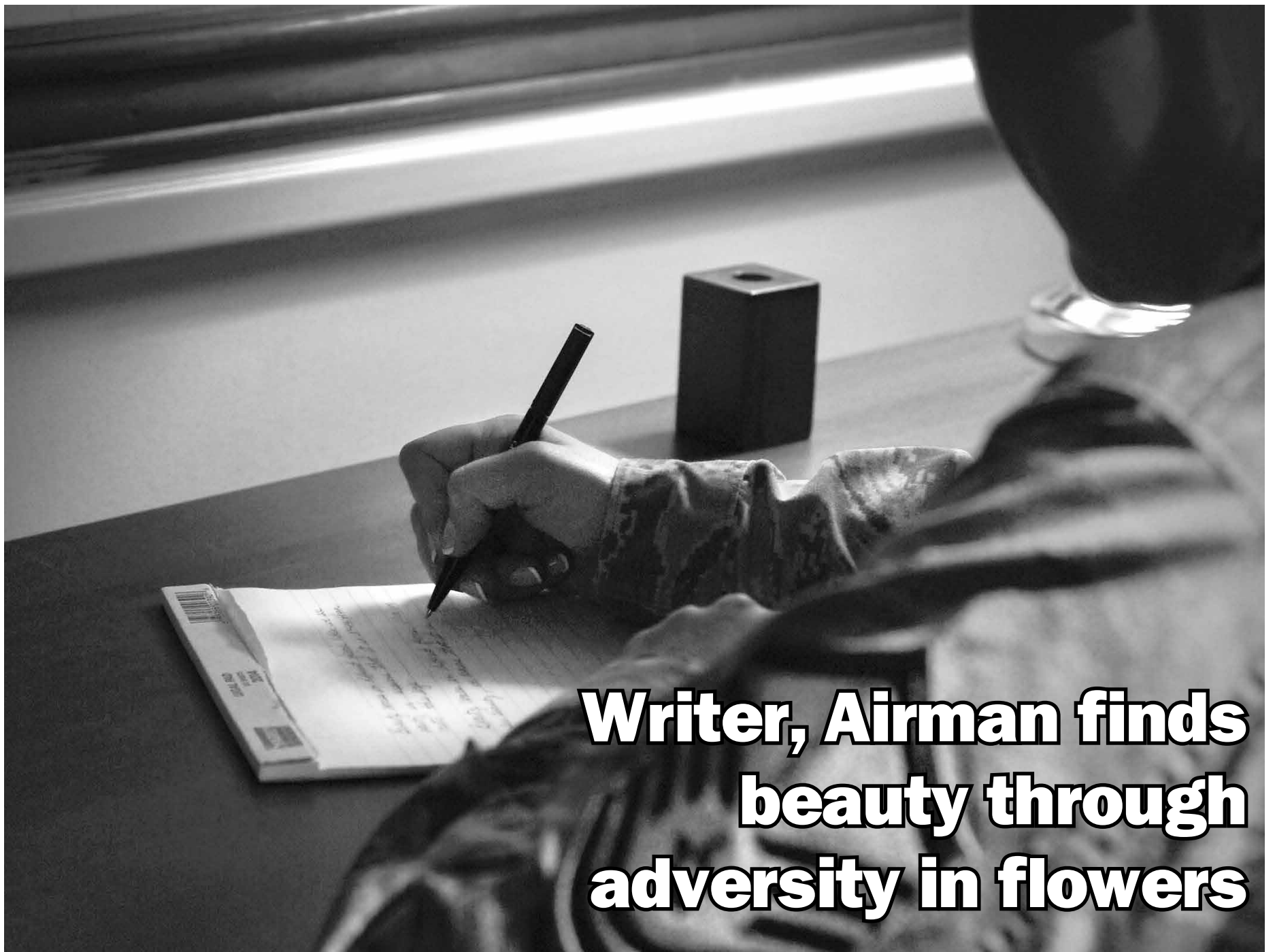
AFNORTH also leaned on the Civil Air Patrol, who has supported the Air Force since World War II, to collect still imagery demanded by rescue units in the field.

Most of the assets under the control of AFNORTH are now packing up equipment and returning to home stations as civil authorities transition to recovery operations.

However, as the demand for Hurricane Harvey support wanes, AFNORTH continues to monitor the path of Hurricane Irma, and is prepared to respond at a moment’s notice.



Airmen and Soldiers assist victims out of a UH-60 Black Hawk, Aug. 30, 2017, at the Orange County Convention and Expo Center in Orange, Texas. The 347th and 563rd Rescue Groups from Moody Air Force Base, Ga., Nellis AFB, Nev., and Davis Monthan AFB, Ariz., sent rescue boat teams to Orange County, Texas, and the surrounding areas, in support of the Federal Emergency Management Agency during Hurricane Harvey disaster response efforts. (U.S. Air Force photo/Staff Sgt. Ryan Callaghan)



Writer, Airman finds beauty through adversity in flowers

Master Sgt. Zhyronn Carter, assigned to the 373rd Intelligence, Surveillance and Reconnaissance Group/Alaska Mission Operations Center at Joint Base Elmendorf-Richardson, Alaska, recently published a book in November 2016. According to Carter, her book consists of poems about domestic abuse and sexual trauma from different points of views. (U.S. Air Force photo/Staff Sgt. Alexandre Montes)

By Staff Sgt. AJ Hyatt
70th Intelligence Surveillance and Reconnaissance Wing Public Affairs

FORT GEORGE G. MEADE, Md. (AFNS) -- (This feature is part of the "Through Airmen's Eyes" series on AF.mil. These stories focus on a single Airman, highlighting their Air Force story.)

"Beauty comes in different forms. When we see beauty, we assume that it had a great life; but there is more than meets the eye. Even the most beautiful soul comes from a place of hardship and sorrow. There are many tragedies that happen to us all; whether it is domestic abuse or sexual trauma, we will triumph and continue to bloom like flowers."

These words are from Zhyronn Carter, a master sergeant at the 373rd Intelligence, Surveillance and Reconnaissance Group at Joint Base Elmendorf-Richardson, Alaska. She currently works at the Alaska Mission Operations Center as the section chief for education and training, and the words are from her book published in November 2016.

Carter said the book consists of poems about domestic abuse and sexual trauma from different points of view.

"These obstacles do not affect just the person going through the trauma, but also friends and family," she said.

Her inspiration sprung from the thought of

seeing something beautiful and wondering how that object became so pretty. This led her to write using flowers to tell the story.

There are flowers that are beautiful, and grow in the oddest of places, she said. "Each person is beautiful, but each person had to overcome some things to get to the point where they bloom into a beautiful person."

Each flower in the book relays the story of how domestic abuse and sexual trauma have affected its life, both good and bad.

"Here, you will (find) solace and comfort," Carter said.

The 20-year Airman admits it only took her a month to write the book.

"I was going to my friend's retirement ceremony in Georgia," she said. "Between flights, I started to write. On the way back, realized that there was a theme."

When Carter finished writing, her next goal was to get it published. She said that was the difficult part.

"I wrote this book, but I did not know how to publish it. So I 'Googled' book publishers and happened upon a quiz," said the North Carolina-native.

The quiz asked a few question about the genre of the book and the author's desire. Then, the site matched Carter with two publishing companies. After submitting her work to the publishers, she received two offers.

But, Carter said her purpose was not to make

money from the book, but to help others.

"I am hoping that people realize that everyone is affected by sexual and domestic abuse and trauma," she said. "Instead of thinking that 'It does not affect me because it did not happen to me,' I want people to understand that it affects everyone and it is everyone's responsibility to support individuals that had to deal with these issues."

Carter also wanted to show that people truly do not know everyone's struggles. On the outside, the person may be beautiful, but it took strength, courage and perseverance to achieve that beauty, she said.

Carter said her accomplishments could not have happened without her team and family.

"I would like to thank my husband for the encouragement and the JBER (Sexual Assault Response Coordinator) office, and the Women's Veteran Network for reading over the draft and encouraging me to follow my dream," Carter said.

Carter said she has been writing poems, plays and short stories since she was in sixth grade, and likes the effect her writing has on people.

"Words convey so much emotion that they can make the reader see, touch and feel what the author is saying," she said.

Carter is currently working on her second book, which will focus on a woman warrior. Additionally, she is hoping to turn her current book into a stage play.

Kunsan

Illmagwon Orphanage
Join Airmen from across the base in a wing chapel-sponsored event as they travel down to the Illmagwon Orphanage in Gunsan City every Tuesday at 6 p.m. for an evening of playing games and learning more about the local culture. For more information, contact the chapel at 782-4300.

Single Airmen Game Night
Fridays at 7:30 p.m., Sonlight Inn. Everyone's welcome, special invite for all Single Airmen!
For more information contact, Senior Airman Jenfil Morillo-Burgos.

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

Children's English class
Team 5/6 is looking for volunteers to support the Children's English class weekly, for children 2-15 years of age. We will break you up into groups to read, talk, or play board games with the children. Civilian attire is preferred however, UOD is allowed.
Classes are held from 7 to 8 p.m. at the Sonlight Inn.
For more information, contact Tech. Sgt. Justin Worthen.

Sunday Sonlight dinner
Every Sunday, volunteers from a specific 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 782-4300.

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

Airman and Family Readiness Center programs

***Bundles for Babies** - A workshop for expectant parents who want to learn more about parenting and support programs here at Osan. The class also offers you a finance piece that focuses on budgeting for your new baby from conception to college years and a chance to meet other new parents. Additionally, you'll receive a free "bundle" from the Air Force Aid Society.

***Separation & Retirement Benefits** - This is an optional workshop where separating and retiring members can learn about their benefits- includes briefings by MFLC, TMO, CPO, Finance, Tricare and SBP.

***Spouse Orientation** - This is a great opportunity for spouses to learn about the 51st Fighter Wing Mission, Non-combatant Evacuation Operation (NEO) process, and receive a protective (gas) mask demonstration. Spouses will also have an opportunity to meet key base representatives and learn about Korean Culture. As a bonus, a community information fair will end the day.

Anthem Singers
Sopranos, altos, tenors and bass vocalists are needed to sing the US and ROK National Anthems at various events on base. Practice is held at 5 p.m. every Tuesday at the Chapel Annex. For more information, send an e-mail to: nicholas.smith.21@us.af.mil or ric.rebulanan.1@us.af.mil

***Volunteers' Training** - The goal is to ensure all our volunteers are registered and they receive all tools and information to keep them informed of volunteer opportunities. For more information, call [784-0119](tel:784-0119).

Volunteers for USFK Civilian Employees Appreciation Week
Each year, the USFK Commander takes time to recognize civilian employees for their accomplishments, contributions, and dedication to the USFK mission. This year, General Brooks has designated 11-15 September as USFK Civilian Employees Appreciation Week. We are currently seeking volunteers (US/LN Civilians, Active Duty Military, and Spouses/Family members) to assist in the planning and execution of this wonderful event. If you would like to volunteer to serve as a committee member, please contact Ms. Kim, Min Kyo, min_kyo.kim.kr@us.af.mil or Ms. Precious Clermont, precious.clermont@us.af.mil at [784-4434/8177](tel:784-44348177).

Open Continuous Vacancy Announcement for Pacific West Educational Aide positions
Applicants who previously applied under the Open Continuous Vacancies will need to update their application and required documents under the new announcement numbers if they wish to be considered for the SY 17/18
PLEASE re-iterate to these interested applicants to have a complete resume attached. This includes but not limited to total employment period, i.e., starting and ending dates (month and year) and number of hours per week for each work experience, paid and unpaid. A description of duties and accomplishments for each experience, including volunteer. If a current or former Federal employee, highest Federal civilian grade held, job series, and dates of employment.
Here is the direct link to the 2017 school support positions.
Job Title: Educational Aide (GS-1702-04)
Job Announcement Number: 17-042-KO-LG-1981388
<https://www.usajobs.gov/GetJob/ViewDetails/473464800>

Emergency Services	911	Commander's Hotline	782-5224
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)		

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

CHAPEL SCHEDULE

KUNSAN AIR BASE

Protestant Services

Liturgical Communion Service

Sunday, 8:30 a.m.

Main Chapel, Bldg. 501

Gospel Service

Sunday, 1 p.m.

Main Chapel, Bldg. 501

Contemporary Service

Sunday 5 p.m.

Main Chapel, Bldg. 501

Catholic Services

Sunday Catholic Mass

Sunday, 10:30 a.m.

Main Chapel, Bldg. 501

Daily Mass and Reconciliation

Please call the Chapel

Other Worship Opportunities

LDS Service

Sunday, 11:00 a.m.

SonLight Inn, Bldg. 510

Point of Contact:

Kunsan Chapel, 782-4300

Visit us on SharePoint:

<https://kunsan.eis.pacaf.af.mil/8FW/HC>

OSAN AIR BASE

Protestant Services

Gospel Service

Sunday, 12:30 p.m.

Chapel Sanctuary

Community Service

Sunday, 10:30 a.m.,

Chapel Sanctuary

Protestant Ministries

Awana Children's Ministry

Wednesday, 5 p.m., Grades 7-12

Wednesday, 6 p.m., Grades 4-6

Osan Middle School

Men of the Chapel

Wednesday, 7 p.m., Chapel Annex

Singles & Unaccompanied

Thursday, 7 p.m., Mustang Center

Friday, 7 p.m., Hospitality House

Saturday, 6 p.m., Hospitality House

Women of the Chapel

Monday, 6:30 p.m./ Tuesday, 9 a.m.

Chapel Annex

Youth of the Chapel

Monday, 6 p.m., Chapel Annex

Catholic Mass

Daily Mass

Tuesday – Thursday, 11:30 a.m., Chapel

Reconciliation

Saturday, 4 p.m (or by appointment), Chapel

Vigil Mass

Saturday, 5 p.m., Chapel

Sunday Mass

Sunday, 8:30 a.m., Chapel

Catholic Ministries

Catholic RE

Sunday, 10 a.m., Chapel Annex

Korean Prayer Group

Tuesday, 9:30 a.m.

Blessed Sacrament

Tuesday, 6 p.m., Chapel Annex Rm 4

Women of the Chapel

Meet Monthy, Please 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.

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>

SPIRITUAL CHARGE

Sweet Dreams

A good night's sleep is sweet. I feel great in the morning after a good night's sleep and enjoying sweet dreams. But, I can't always count on a good night's sleep.

My son Joshua recently turned 4 years old, and he is excellent at having sweet dreams. We live in an off base apartment and he attends a Korean pre-school off base. He gets picked up by the school bus around 9:30 a.m. and returns 4:30 p.m. Then he is off to Taekwando from 4:40 p.m. to 6:10 p.m. As soon as he returns home for the evening, we usually have dinner together.

Joshua has had a full day and he's physically exhausted by the end of the day. There have been many days when he's so tired that he dozed off to sleep while eating dinner. No kidding, this has happened many times. And once he falls asleep, he normally doesn't wake until about 6 a.m. the next morning.

I assume a 4 year old boy doesn't have much concerns or worries in his life. I guess it's good to be that young. For many of us, stress, worries and concerns of life seem to get the best of us as we age. We tend to worry ourselves to sleep regarding health, life in general, family, work, etc.

There seems to be a serious health issue around the world in the modern days. It's called sleep deprivation. We currently live and work in a country – Republic of Korea – that



Chaplain, Major R. John Boyer
Deputy Wing Chaplain, 51st Fighter Wing

has one of the highest rates of insomnia. A recent survey of South Koreans found that 17 percent had at least three nights of insomnia each week. Thirty percent of American adults have symptoms of insomnia, including 10 percent who experience challenges in their

daily activities due to a lack of real rest.

In a letter written to the church in the city of Philippi, the Apostle Paul wrote, "Don't worry about anything; instead, pray about everything. Tell God what you need, and thank him for all he has done. Then you will experience God's peace, which exceeds anything we can understand. His peace will guard your hearts and minds as you live in Christ Jesus" (Philippians 4:6-7).

There have been many nights where I've had difficulty falling asleep or getting a solid sleep. Yes, I've counted sheep, thinking this will help me fall asleep. This exercise hasn't really worked well for me. So, when we can't sleep because we're troubled by the trials of life, instead of counting sheep, we can talk to our Good Shepherd. I challenge you to "give all [our] worries and cares to God, for he cares about [us]" (1 Peter 5:7).

A good night's sleep is a blessing. In the Hebrew Scripture, the psalmist reminds us, "Unless the Lord builds the house, the builders labor in vain. Unless the Lord watches over the city, the guards stand watch in vain. In vain you rise early and stay up late, toiling for food to eat—for he grants sleep to those he loves." (Psalm 127:1-2).

My charge to you – bring your cares, concerns, worries, and petitions to the Lord God for he cares about you and loves you with his everlasting love. I wish you all sweet dreams!

US, Romanian militaries continue partnerships

By Airman 1st Class Joshua Magbanua
86th Airlift Wing Public Affairs

OTOPENI AIR BASE, Romania (AFNS) -- U.S. and Romanian military members concluded a two-week bilateral training exercise on Otopeni Air Base, Romania, Aug. 31, 2017.

Carpathian Fall 2017 involved participation from more than 100 Airmen from Ramstein AB, Germany, along with paratroopers from the U.S. Army and Romanian military. The exercise also saw participation from Romanian Air Force pilots who served as observers.

The goal of Carpathian Fall 2017 was to enhance mission readiness and interoperability between the U.S. and Romanian military. An example of the partnership displayed during the exercise was the airlift of Romanian paratroopers on U.S. Air Force C-130J Super Hercules aircraft. Romanian Air Force aircraft also airdropped cargo delivery systems which were built by U.S. Air Force aerial delivery Airmen.

"Every exercise provides its own challenges," said Capt. Jacob Morton, the 37th Airlift Squadron mission planning cell chief. "Some challenges can be anticipated, but sometimes the things you least expect can be the things which challenge you the most. The benefit of those challenges is that we find these things out now, rather than during combat."

Morton served as the mission commander for Carpathian Fall 2017. He emphasized the importance of bilateral training, saying no country should take on a mission alone.

"Ever since the dawn of warfare, alliances have been crucial to victory," Morton said. "This principle still applies today. We succeed in missions not only through the courage of our own warfighters, but also through our bonds with our allies. We fly, fight, and win together."

Participants from Ramstein AB came from a wide range of career fields, including aircrew, weather, logistics, operations support, weather and intelligence.

Besides conducting airdrops, pilots also practiced

various in-flight maneuvers in the skies above Romania. C-130J Super Hercules pilots from the 37th AS conducted evasive flight maneuvers, tactical low-level flying, flare dispenses and assault landings. These flights were conducted with Romanian Air Force pilots observing in the cockpit.

Maj. Corey Preston, a 37th AS C-130J instructor pilot, said he was happy with how the exercise went, and expressed his pride in the participants.

Carpathian Fall 2017 was an amazing success due to hard work and dedication of all Airmen involved," Preston said. "We had amazing support from numerous agencies from the 86th Airlift Wing, and every Airman that was deployed in support of Carpathian Fall played an integral part in the success of the

deployment, so first and foremost I'd like to congratulate and thank the team."

Preston also expressed his gratitude for the Romanian troops who hosted Airmen from Ramstein AB, adding that Romanians contributed greatly to Carpathian Fall 2017.

"We also had outstanding support from our Romanian counterparts, and fostered key relationships that are essential to building partnership capacity and interoperability between our two air forces," he added. "(They) were wonderful hosts, and we will truly miss the people and the country when we leave. All of us will have stories to tell our folks when we get back home. We hope to come back again soon and continue building our alliance with the people of Romania.



C-130J pilots from the 37th Airlift Squadron, (right and center), along with one Romanian Air Force pilot, walk back to their units after conducting a training flight at Otopeni Air Base, Romania, Aug. 29, 2017. The 37th AS regularly conducts field training deployments throughout Europe to help strengthen partnerships with NATO allies. (U.S. Air Force photo/Airman 1st Class Joshua Magbanua)

Powering partnership: Singapore tankers boost coalition forces

By Airman 1st Class Joshua Magbanua
86th Airlift Wing Public Affairs

AL UDEID AIR BASE, Qatar (AFNS) -- This year alone, coalition air refuelers have already flown more than 5,000 separate in-flight refueling sorties, supplying more than 28,000 aircraft with fuel while providing air support to Operation Inherent Resolve.

The Republic of Singapore Air Force recently completed a three month deployment in which an RSAF KC-135R contributed to the coalition's ability to support increased aerial refueling demands during the summer months, including the fights for Mosul, Iraq and Raqqa, Syria.

Despite its small fleet of four air refuelers, Singapore has repeatedly deployed its KC-135Rs in support of coalition efforts since 2015. Most recently, an RSAF KC-135R Stratotanker and support team joined

dozens of U.S. refuelers at Al Udeid Air Base, Qatar, from May to August, marking the RSAF's third annual deployment.

As coalition partners, their mission is to integrate and synchronize with in-flight refueling missions, supplying fuel to U.S. and coalition aircraft in the U.S. Air Forces Central area of responsibility.

"This was a tremendous opportunity for us to put our skills to use in support of the coalition," said an RSAF KC-135R pilot who participated in the 2017 deployment. "We are happy that we can work together with the U.S. Air Force and other partner nations in this joint fight against ISIS and threats in the region."

Throughout its deployment, the RSAF performed more than 50 missions in support of Operation Inherent Resolve, refueling an average of four to six aircraft per sortie.

"Singapore is a small country, but we

recognize the importance of contributing to this global cause," said the RSAF contingent commander. "I am glad that we are able to contribute meaningfully to the Operation Inherent Resolve campaign. Our partnership with the United States and coalition nations is strong and will strengthen further as we improve our interoperability and contribute to each other's mission success."

"We appreciate the contributions of coalition partners like Singapore and what they bring to the fight," said Lt. Gen. Jeffrey Harrigan, the Air Forces Central Command commander and Combined Forces Air Component Commander. "Singapore's KC-135R helped fuel the fight and strengthen the blows we directed at ISIS over this summer. I am thankful for their continued commitment to support the fight to defeat a global threat like ISIS and bring stability to the region."

Kentucky ANG deploys more aircraft, Airmen for Hurricane Harvey relief operations



Aerial porters from the 123rd Airlift Wing load a pallet of cargo nets onto a C-130 Hercules at the Kentucky Air National Guard base in Louisville, Ky., Sept. 1, 2017. The aircraft is one of two that will carry 14 Kentucky Air Guardsmen to Texas, where they will fly humanitarian aid and airlift evacuation missions in the aftermath of Hurricane Harvey. (U.S. Air National Guard photo/Lt. Col. Dale Greer)



Aircrew members from the 123rd Airlift Wing prepare to fly to Texas aboard a C-130 Hercules at the Kentucky Air National Guard base in Louisville, Ky., Sept. 1, 2017. The Airmen will fly humanitarian aid and airlift evacuation missions there in the aftermath of Hurricane Harvey. (U.S. Air National Guard photo/Lt. Col. Dale Greer)

By Lt. Col. Dale Greer
123rd Airlift Wing Public Affairs

LOUISVILLE, Ky. (AFNS) -- Two C-130 Hercules aircraft and 14 more Airmen deployed from the Kentucky Air National Guard Base in Louisville, Sept. 1, 2017, to fly humanitarian aid and airlift evacuation missions in Texas following unprecedented flooding caused by Hurricane Harvey.

The Airmen will operate out of Carswell Field, which is located on Naval Air Station Fort Worth Joint Reserve Base, said Capt. Nick Dobson, the mission planner for the Kentucky Air Guard's 165th Airlift Squadron.

From Carswell Field, Airmen expect to fly missions into Beaumont Municipal Airport, in Beaumont, Texas, to pick up dislocated residents and transport them to Dallas Love Field, Dobson said. Residents will then be moved to safe shelter by emergency responders on the ground.

Chief Master Sgt. Jeff Brown, a loadmaster in the 165th AS, has supported hurricane relief operations in the past, including Katrina in 2005.

"This is the kind of thing we train to do," Brown said. "We train for combat and we train for humanitarian missions like this. We've done it before, and we're glad to be called upon again."

Brown noted that evacuation missions require extra sensitivity on the part of Airmen because they never know what to expect.

"You don't always know if the passengers are sick or injured, you don't know what their mental state is, so that means we have to exercise a little more care with them," Brown said.

Tonight's deployment is the third this week for members of the Kentucky ANG. The unit sent 18 members of its 123rd Special Tactics Squadron to the Houston area Aug. 27, where they are conducting water patrol missions with inflatable motorboats. To date, those Airmen have rescued more than 330 residents stranded by high water, and controlled air traffic for multiple helicopter landing zones. With the need for roof-top rescues now largely abated, those Airmen are expected to return home soon.

The 123rd Contingency Response Group also deployed 43 Airmen, augmented by six troops from the Mississippi ANG, Aug. 30, to establish an air hub in Houston for air cargo and aeromedical evacuation operations.

"We have a lot of unique capabilities in our wing which allow us to respond effectively during events like this, including pararescuemen, combat controllers and a contingency response group — a unit whose sole reason for existence is to rapidly establish airlift hubs in areas affected by natural disasters or other contingencies," said Col. David Mounkes, the 123rd Airlift Wing commander, the parent unit of the 165th AS, the 123rd STS and the 123rd CRG. "Nothing is more rewarding than being able to put all those capabilities to use in our own homeland, helping people in need."

Dobbins ARB hosts EOD teams, tests new technology

By Staff Sgt. Andrew Park
94th Airlift Wing Public Affairs

DOBBINS AIR RESERVE BASE, Ga., (AFNS) -- Dobbins Air Reserve Base hosted the Eastern National Robot Rodeo Aug. 21-25, 2017, which featured explosive ordnance disposal teams from the Air Force, Navy, Army, Cobb County Police Department and the Royal Air Force.

The Technical Support Working Group of the Combating Terrorism Technical Support Office, the United Kingdom Ministry of Defense's Defense Science and Technology Laboratory and the Air Force Civil Engineer Center all partnered to sponsor the event.

"Those three funding partners have come together with the joint mission of trying to identify robotics capabilities, where the gaps in current technology are and where we need to go forward to improve," said Master Sgt. Richard Swann, the 94th EOD flight operations section chief. "In order to do that we've brought in a good mix of civilian bomb squads and military bomb squads because we use a lot of the same technology and same equipment."

"This rodeo is a win-win across the board," said Col. Tanya Anderson, the AFCEC Readiness director at Tyndall Air Force Base, Florida. "We are able to practice our interoperability to work with our mission partners and local communities, and we are able to work on improving our capabilities. We are also able to give the developers and contractors immediate feedback, as well as provide new ideas on how different aspects of their technology could help in other areas."

The Robot Rodeo included seven different training scenarios throughout the week-long event.

The scenarios ranged from removing explosives from a large vehicle improvised explosive device, to handling a small jar of explosive chemical compound locked inside a cabinet drawer. Each scenario relied on different sized robots and techniques to complete the mission.

There was a bit of a competitive element to the event as well, with each of the groups forming teams to compete for a top prize after being assessed on their ability to complete the various training scenarios; however, the competition isn't the primary factor of the Robot Rodeo.

"We try to add some competition to it, just so it's fun for the teams," Swann said. "They've got a vested interest. They want to win. But the bigger picture for the funding partners is that we collect those technology gaps."

The event also allowed robot developers and contractors to see how their creations fared in real-world training scenarios. As is often the case with research and development, what might work theoretically on paper or in a laboratory doesn't always equate to success in the field. This was also a good time for EOD technicians to try their hand at using a robot different than those they normally use.



Members of an explosive ordnance disposal team with the Department of Homeland Security control several EOD robots during an exercise outside of Hartsfield-Jackson International Airport in Atlanta, Ga, Aug. 23, 2017. The team participated in this year's Eastern National Robot Rodeo, hosted at Dobbins Air Reserve Base, and worked with other teams in the U.S. Air Force, U.S. Navy, as well as coalition members from the Royal Air Force. (U.S. Air Force photo/Staff Sgt. Miles Wilson)



An explosive ordnance disposal robot pulls a tarp from the back of a truck during a simulated EOD training scenario at Dobbins Air Reserve Base, Ga., Aug. 22, 2017. The scenario was part of the second annual Eastern National Robot Rodeo. (U.S. Air Force photo/Don Peek)

"It highlights areas where even though robots and technology have progressed to this amazing point that it is now, there are still things that it can't do that would be nice from a bomb tech's perspective because it makes it even safer for us," explained Swann. "That's what each of those scenarios is designed to do - to target a different task or a different capability of each robot."

In designing the different scenarios, the evaluators relied on a variety of locations both on and off base to provide realistic situations for testing the robots' capabilities. The event coordinators teamed up with explosive specialists from the Transportation Security Administration to create training scenarios at Hartsfield Jackson International Airport, Atlanta, Georgia, said Swann.

Most of the training scenarios pitted one team against another, but for the airport scenarios, two teams worked together to complete the mission of retrieving explosive material from a piece of luggage. Swann said they purposely paired up teams that might not get a chance to regularly work together and could therefore learn different approaches - for instance, a military and a civilian team might work together or a U.S. military team with the RAF team.

"We worked with the Army team at the airport, and they had a different mindset on how to attack certain things, which was interesting and helped out some, so I think we helped each other there," said Senior Airman Tyler McMillan-Wammack, a 20th Civil Engineer Squadron EOD journeyman assigned to Shaw AFB, South Carolina.

Each scenario began with a representative from the robot manufacturer training EOD technicians on robot operations. Technicians took turns driving the robot while learning its basic controls.

The training scenario featuring the locked cabinet containing the mock explosive chemical compound forced teams to work together to figure out how to best use the robot's abilities to overcome a variety of challenges. Working through these challenges allowed the team to eventually find the best angle for approaching one of the doors containing a number for the combination padlock. After several attempts of the spring-loaded door slamming shut, they regrouped, came up with different ideas based on their experience and training with the robot. On their next try, they succeeded.

"If seven teams are competing, you're going to see seven different approaches," Swann said. "It's good to get that variety so when you find out what may look like a capabilities gap for one team, the next team does it with no problem. Maybe that's not a technology gap; maybe that's a robot operator training gap."

At the end of each training scenario, evaluators discussed scoring with teams, identifying what went well while also giving advice for overcoming challenges based on what other teams found successful. Teams also had the opportunity to provide feedback of their own on the robot's capabilities to perform the mission. This critique also provided contractors with helpful suggestions for creating better, safer robots for use in real-world scenarios.

"We're the end user," said Swann. "We use robots. They're a tool for us. To do events like this, it leads to better, more capable tools that make our job safer. The funding partners get more information to direct their research dollars, so they're not wasting money researching technology that's no longer really needed and can focus on things the field actually wants, and try to get it ready for implementation."

Incheon Airport Shuttle Bus Schedule



Destination ——— Departure Time

Osan to Incheon 06:00 / 11:30 / 15:30

- Bus will stop at Turumi Lodge 30 minutes before departure.
- Bus will arrive at ITT 15 minutes prior to departure

Incheon to Osan 09:00 / 18:30 / 22:30

- Departures from USO Counter (Gate1)
- Bus may stop at Turumi Lodge, ITT, Hallasan Tower and Mustang Club (If this is one of your stops)

* During non-business hours, you may purchase bus tickets from the bus drivers. **Cash Only.**

Ticket Price

- Leisure Travel : \$15
 - Official Travel(TDY/PCS): \$35
 - NOTE: Official traveler rates are completely reimbursable to member
 - If there are no delayed arrivals, bus will depart at 22:30
- **Effective 1 June 2013

For more information,
call ITT at 784-4254



2017 Fire Prevention Week: “Every Second Counts: Plan 2 Ways Out”

In a fire, seconds count. Seconds can mean the difference between residents of our community escaping safely from a fire or having their lives end in tragedy.

- Draw a map of your home with all members of your household, marking two exits from each room and a path to the outside from each exit.
- Practice your home fire drill twice a year. Conduct one at night and one during the day with everyone in your home, and practice using different ways out.
- Teach children how to escape on their own in case you can't help them.
- Make sure the number of your home is clearly marked and easy for the fire department to find.
- Close doors behind you as you leave – this may slow the spread of smoke, heat, and fire.
- Once you get outside, stay outside. Never go back inside a burning building.

Should you have any questions, feel free to contact Fire Prevention Office at 784-4835/4710.



Kyung Dong bus schedule As of 1 April 2016 (Yongsan - Osan - Humphreys)

MONDAY-FRIDAY

						***	***			*		
Lv. Yongsan	0550	0700	0830	1000	1100	1250	1420	1630	1720	1720	1900	2130
Ar. 121st GH							1425					
Lv. Osan AB	0650	0810	0940	1110	1210	1400	1530	1740	1830	x	2010	2240
Ar. Humph	0740	0850	1020	1150	1250	1450	1620	1820	1910	1850	2050	2320

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Lv. Humph	x	0550	0700	0830	1000	1100	1230	1330	1530	1710	1910	2020
Lv. Osan AB	0600	x	0750	0920	1050	1150	1320	1420	1620	1800	2000	2110
Ar. 121st GH		0720	0850									
Ar. Yongsan	0710	0730	0900	1030	1200	1300	1430	1530	1730	1910	2110	2220

(Yongsan-Osan AB) Price \$ 5.50 or ₩ 6,200 one way, For more info (DSN)723-4499

(Yongsan-Humph) Price \$ 6.25 or ₩ 7,000 one way

(Humph-Osan AB) Price \$ 3.10 or ₩ 3,500 one way

WEEKEND & U.S HOLIDAYS

										*		
Lv. Yongsan	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800
Lv. Osan AB	0810	0910	1010	1110	1210	1310	1410	1510	1610	1710	1810	1910
Ar. Humph	0850	0950	1050	1150	1250	x	1450	1550	x	1750	x	1950

	*											
Lv. Humph	0620	0800	0930	1030	1130	1230	x	1400	1530	x	1700	x
Lv. Osan AB	0700	0840	1010	1120	1220	1320	1400	1450	1620	1700	1750	1850
Ar. Yongsan	0820	0950	1130	1230	1330	1430	1510	1600	1730	1810	1900	2000

* Bus stops at Humphreys walk thru gate

*** Bus stops at Humphreys Lodging

** Bus stops at Yongsan DHL

X Bus doesn't stop at this location