

Crimson Sky

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U.S. Air Force Staff Sgt. Jaye Moyer pulls a HMMWV during Osan's Strongest Warrior Competition at Osan Air Base, Republic of Korea, May 4, 2019. ◀

A U.S. Air Force Senior Airman assigned to the 303rd Intelligence Squadron lifts an atlas stone during Osan's Strongest Warrior Competition. ▼

Peninsula's strongest compete at Osan AB

By Staff Sgt. Ramon A. Adelan, 51st Fighter Wing Public Affairs

OSAN AIR BASE, Republic of Korea -- Members from across the Republic of Korea Peninsula competed in Osan's Strongest Warrior Competition May 4, 2019, at Osan Air base, ROK.

The competition involved five events

to include the atlas stone lift, farmer's walk, axel deadlift, press medley and HMMWV pull. Moyer, a native of Eastman, Georgia, is a weapons load crew team chief with the 51st Aircraft Maintenance Squadron.

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Tactical Psychological First Aid in the Distributed Common Ground System



By Senior Master Sgt. Shannon Sutton
694th Intelligence, Surveillance, and Reconnaissance Group

OSAN AIR BASE, Republic of Korea -- In 2006, the United States Department of Veterans Affairs' National Center for Post-Traumatic Stress Disorder developed Psychological First Aid, a technique designed "to reduce the occurrence of PTSD" and "to assist people in the immediate aftermath of disaster and terrorism."

During two iterations of the 694th Intelligence, Surveillance, and Reconnaissance Group's November 2018 live-virtual-constructive combat drill, Jade Scepter, which is designed to enhance readiness of ISR personnel, the Weapons and Tactics Team along with the Airman Resiliency Team tested crew members' ability to apply PFA during tactical operations on the Distributed Common Ground System, a weapon system which produces military intelligence for joint forces.

As a result, Jade Scepter drill controllers noticed that most crew members lacked general PFA skills and that when members with PFA acumen attempted to implement standing PFA procedures, those procedures did not fully support the needs of Airmen in distress during tactical DCGS operations, nor did they support the priorities

of tactical operations.

The ART responded by adjusting standard PFA techniques to accommodate mission conditions, and thus, developed Tactical PFA, or TPFA, aimed at providing appropriate aid to crew members exhibiting signs of psychological distress while simultaneously minimizing impact to mission accomplishment.

Because mission operations present a high-tempo environment in which crew members must maintain as much focus as possible, standing PFA procedures simply fail to meet the mission urgency requirements.

Additionally, standing PFA procedures do not consider mission success as priority. Acting as a precursor to PFA, TPFA addresses these shortfalls and includes three steps:

Identify and Up-Channel. Distress can manifest in many ways and is most evident in a degradation of mission performance and changes in behavior. Crew members must become attuned to noticing these symptoms. Once a crew member identifies that someone is an AID, that crew member must up-channel the information through their segment

lead to the Mission Operations Commander for action.

Assess Severity/Suitability and Up-Channel. When urgency is a factor, as it is during tactical DCGS operations, a rapid and compassionate assessment of the severity of the AID's condition will provide segment leads and the MOC with enough information to make a determination about whether or not the AID can continue mission operations.

Utilize Resources. If the segment lead and MOC make the determination to remove the AID from mission operations, they must notify the chain-of-command, ensure the AID is never left alone, and conduct positive hand-over of the AID to the ART, a first sergeant, or a member of unit leadership so that standing PFA procedures can take over.

Crew members within the DCGS must accomplish their tasking with utmost diligence. However, without TPFA procedures in place, the vital need to care for fellow humans experiencing psychological distress can cause crew members to lose focus on lethal and life-saving mission priorities. TPFA provides an effective means of doing both... mission first; people always.

FAPAC awards Kunsan leader 2019 Uniformed Services Award



By Senior Airman Savannah L. Waters,
8th Fighter Wing Public Affairs

KUNSAN AIR BASE, Republic of Korea -- The Federal Asian Pacific American Council has awarded Senior Master Sgt. Francis Quiambao, 8th Logistics Readiness Squadron fuels management flight superintendent, the 2019 FAPAC Uniformed Services Award.

Quiambao will attend the FAPAC Uniformed Services Award Luncheon, on May 16, 2019, at the Von Braun Center in Huntsville, Alabama, to receive this prestigious award for his outstanding efforts in promoting diversity and exceptional leadership in advancing the mission of his service to serve the public.

The Federal Asian Pacific American Council (FAPAC) is a nonprofit, nonpartisan organization representing the civilian and military Asian Pacific American (APA) employees in the federal and District of Columbia governments. It promotes equal opportunity and cultural diversity for APAs within the Federal and District of Columbia governments, and encourages the participation and advancement of APAs in the government work force.

Quiambao is responsible for leading the largest petroleum hub in the United States Forces Korea in receiving and distributing fuel, which accounts for 35 percent of the fuel consumed in the theater. As superintendent of the fuels management flight at Kunsan, Quiambao leads a diverse group of 46 active-duty Air Force members and eight Korean civilian employees who work to support the U.S. mission in Korea.

Quiambao is currently overseeing the

Republic of Korea Air Force's first hot-refueling capability through a type-4 fuel hydrant system. This monumental first in refueling capability is unprecedented at Kunsan and the entire Korean Peninsula. The cross flow of communication initiated by Quiambao spurred real world opportunities for USAF and ROKAF to share equipment and aircraft refueling concepts to better support the national defense strategy, substantively multiplying the combined combat power of USAF and ROKAF forces.

"The hot-refueling by a hydrant system enables us to quick-turn the jets, and this project has us working with our ROKAF counterparts often," Quiambao said. "We have Airmen in my shop who've never left the U.S., and working with the ROKAF exposes them to a different culture and way of working together, learning from them as they learn from us. It's a unique experience."

Quiambao takes great pride in what he does for the USAF, and is the first in his family to be in the military.

"I was born in the Philippines and grew up in Guam before I moved to the U.S. and joined the Air Force," Quiambao said. "The military has always been my dream since I was a kid, and I'm living [that dream] now. I have sons and it feels good knowing that what I'm doing is not only for the USAF, but for them."

Outside of his day-to-day duties, Quiambao also actively participates in various community activities, such as Brazilian jiu-jitsu and the Filipino basketball league here, acting as an ambassador between the uniformed service and community through his various interactions. He has also created opportunities for his Airmen and

U.S. Air Force Senior Master Sgt. Francis A. Quiambao, 8th Logistics Readiness Squadron fuels management flight superintendent, poses next to a fuel truck on Kunsan Air Base, Republic of Korea, April 24, 2019. Quiambao is responsible for leading the largest petroleum hub in the United States Forces Korea in receiving and distributing fuel, which accounts for 35 percent of the fuel consumed in the theater. (U.S. Air Force photo by Senior Airman Savannah L. Waters)

Korean civilian counterparts to experience culturally significant sites and gain a better understanding of their host nation through hiking trips.

Fostering an innovative and harmonious environment between the Uniformed Services and Asian American and Pacific Islander communities, Quiambao supports the full integration and promotion of all Uniformed Services personnel, including the civilian workforce.

Quiambao is looking forward to more opportunities and experiences at his next duty station in June at Seymour Johnson Air Force Base, North Carolina.

The Uniformed Services Awards recognize and honor members of the armed forces, Public Health Service commissioned corps, and the National Oceanic and Atmospheric Administration commission corps, and Quiambao is honored to have received the award and recognition for the work that's been done.

"This award is not just for me, but for everyone's hard work here," Quiambao said. "These guys come in and work hard to make this place better, and that's all I can ask for."

Congratulations Senior Master Sgt. Quiambao!



U.S. Air Force 8th Civil Engineer Squadron members smooth concrete on the flight line at Kunsan Air Base, Republic of Korea, May 2, 2019. The 8th CES applied rapid airfield damage repair methods to fix a rupture that caused damage to the flight line. (U.S. Air Force photo by Staff Sgt. Joshua Edwards)

8th Civil Engineer Squadron repairs Kunsan's runway in record time

**By Master Sgt. Schelli Jones
8th Fighter Wing Public Affairs**

KUNSAN AIR BASE, Republic of Korea -- Members of the 8th Civil Engineer Squadron (CES), also known as the Legendary Red Devils, rapidly repaired a rupture on Kunsan Air Base's active runway in record, May 1-2, 2019.

At approximately 9 a.m., May 1, a rupture was discovered on Kunsan's runway and Col. John Bosone, 8th Fighter Wing commander, immediately suspended all military and civilian flying operations to ensure the safety and security of people and assets. He also directed an investigation into the cause of the rupture.

"This is a pretty non-standard occurrence," said Maj Alyson Busch, 8th CES operations flight commander. "We had to take our time and figure out the fastest and safest course of action not only for the U.S. Air Force, but also our Korean partners and civilian airframes and personnel."

An engineering assessment is normally a lengthy process that includes a contract repair. Since this rupture affected an active runway, the 8th CES used Rapid Airfield Damage Repair (RADR) techniques to replace the pavement immediately.



U.S. Air Force Staff Sergeant Christopher Leonard, 8th Civil Engineer Squadron pavement and construction equipment journeyman, adjusts his face mask while pouring cement at Kunsan Air Base, Republic of Korea, May 2, 2019. The 8th Civil Engineer Squadron dug out a corroded pipe that caused a rupture and restored the site in less than 24 hours. (U.S. Air Force photo by Staff Sgt. Joshua Edwards)

U.S. Air Force Tech Sgt. Jonathan Shinsato (Left) and Staff Sgt. Jeffrey Deptula, 8th Civil Engineer Squadron pavement and construction equipment journeymen, smooth wet concrete on the flight line at Kunsan Air Base, Republic of Korea, May 2, 2019. The 8th CES conducted a rapid response to a rupture that opened on the runway, and repaired the flight line within 24 hours. (U.S. Air Force photo by Staff Sgt. Joshua Edwards) ►

“RADR is a new capability for the Air Force and the 8th CES has been training on it constantly,” said Busch. “After evaluating the cause, we determined this was the best option to repair the runway in a timely manner.”

A thorough analysis determined the rupture was seven feet by eight feet on the surface and four feet deep and caused by water erosion over the years.

“This was important to fix because it is a safety hazard,” said Airman 1st Class Curtis Carroll, 8th CES pavement and construction journeyman. “Planes come and land all the time and we wouldn’t want an incident where if an aircraft lands, it just caves in completely.”

In a matter of hours, a 30-member team comprised of Airmen from the 8th CES and 8th Logistics Readiness Squadron worked through the night to repair the rupture through excavation, compacting and placing rapid-set concrete.

The rapid-set concrete cured in a few hours. It typically takes 7 to 28 days for concrete to dry through the traditional repair method; however, RADR techniques expedited the process and enabled the runway to open in record time.

“The quick repair of the runway was the first use of RADR on a primary runway outside an active combat zone, and this capability has now proven incredibly important in both wartime and peacetime,” said Lt Col John Conner, 8th Civil Engineer Squadron Commander. “The Red Devil Engineers proved once again why they are legendary for readiness, expertise, and work ethic.”



U.S. Air Force Senior Airman Steven Uhlbeck (Right), 8th Civil Engineer Squadron pavement and construction equipment journeyman, assists Staff Sgt. Jeffrey Deptula, 8th CES, with smoothing wet concrete on the flight line at Kunsan Air Base, Republic of Korea, May 2, 2019. The 8th CES applied rapid airfield damage repair methods to fix a rupture that caused damage to the flight line. (U.S. Air Force photo by Staff Sgt. Joshua Edwards) ▲

U.S. Air Force 8th Civil Engineer Squadron members shovel dirt into a hole on the flight line at Kunsan Air Base, Republic of Korea, May 1, 2019. 8th CES and 8th Logistics Readiness Squadron worked through the night to get the flight line operational again after it was closed unexpectedly due to a rupture. (U.S. Air Force photo by Staff Sgt. Joshua Edwards) ◀

35th, 80th AFE combine experience, grow in excellence

By Senior Airman Stefan Alvarez
8th Fighter Wing Public Affairs

KUNSAN AIR BASE, Republic of Korea -- In most locations, the different sections that fall under an Operations Support Squadron work together under the same roof. However, the 8th OSS is not your average squadron.

The 8th OSS aircrew flight equipment (AFE) section is broken up into two entities. One bleeds blue for the 35th Fighter Squadron “Pantons,” and the other chants “Crush ‘em” for the 80th Fighter Squadron “Juvats.” Though the pilots they support hail from different squadrons, the mission is all the same; making sure every pilot has everything they need every time they go up for a flight.

Naturally, the two shops developed a competitive relationship on which AFE is most proficient and timely in their job, which entails everything from repairing a pilot’s helmet to packing the parachute in an ejection seat.

“There’s definitely a playful rivalry between the 80th and 35th,” said Senior Airman Benjamin Ammann, 8th OSS aircrew flight equipment journeyman. “There’s a lot of squadron pride, seeing who supports their pilots the best and maintains their equipment to a higher degree, those sorts of things.”

Though they are geographically separated from each other at different fighter squadrons, that doesn’t stop them from working together when they need to. Often when one squadron goes TDY or deploys to another location, the two AFEs will become one and help each other continue the mission.

“Since we don’t work together every day, each office has formed their own way of doing things,” Ammann said. “There’s a little bit of chaos at first getting on the same page, but it’s really great working together and learning from each other. Most people do not have a lot of experience maintaining fighter pilot equipment so learning from people who have speeds up processes.”

The two groups’ work speaks for itself, with pilots praising the quality of the maintenance and condition of their equipment and the efficiency of the AFE shop.

“I constantly hear praise from the pilots about their gear,” said MSgt. Rachel Sungahid, 8 OSS aircrew flight equipment section chief. “They know every time they step into the back shop here that all of their items are squared away and ready for them, and it ultimately allows them to come in and don all of their flying equipment quickly and have full confidence that it’s maintained to the highest standard.”

Though the 35th and 80th AFEs work together only occasionally, when they do come together, the mission benefits as they become not only more efficient, but more highly competent in their shared job.

“The AFE here is the best,” said Capt. Sebastian Hill, 8th OSS aircrew flight equipment flight commander and 35th Fighter Squadron pilot. “It gives me and the other pilots peace of mind knowing that if our lives are in danger, we can rely on the equipment maintained by the best of the best.”



U.S. Air Force Staff Sgt. Vanessa Roper, 8th Operations Support Squadron aircrew flight equipment journeyman at the 35th Fighter Squadron “Pantons,” performs maintenance on a pilot’s oxygen mask at Kunsan Air Base, Republic of Korea, April 29, 2019. AFE is responsible for the maintenance and repair of a pilot’s gear and survival equipment. (U.S. Air Force photo by Senior Airman Stefan Alvarez)



U.S. Air Force Staff Sgt. Vanessa Roper (left), 8th Operational Support Squadron aircrew flight equipment journeyman at the 35th Fighter Squadron “Pantons,” listens to Staff Sgt. Abigail Ehrlich, 8 OSS aircrew flight equipment journeyman at the 80th FS “Juvats,” while performing maintenance on a pilot’s helmet at Kunsan Air Base, Republic of Korea, April 29, 2019. While the AFE flight falls under the 8 OSS, the members work separately for the 80th and 35th FS in separate locations and don’t frequently work side by side. (U.S. Air Force photo by Senior Airman Stefan Alvarez)



Members of the 8th Operations Support Squadron aircrew flight equipment flight from the 35th and 80th Fighter Squadrons pose for a photo at Kunsan Air Base, Republic of Korea, April 29, 2019. The 8th OSS AFE flight is split up in two different fighter squadrons, but will work together when manning is low due to TDYs or deployments to keep the mission going. (U.S. Air Force photo by Senior Airman Stefan Alvarez)

- More photos from front page -



U.S. Army Pfc. Christopher Ayala performs a farmer's walk during Osan's Strongest Warrior Competition at Osan Air Base, Republic of Korea, May 4, 2019. Thirteen members from across the peninsula participated in the competition of five events. Ayala, a native of Marlboro, New Jersey, is a United Nations Command honor guardsman from Camp Humphreys, ROK. (U.S. Air Force photo by Staff Sgt. Ramon A. Adelan) ▲



U.S. Air Force 1st Lt. Briana Quinetana performs an axel clean and press during Osan's Strongest Warrior Competition. ▲



2019 US/ROK ARMY
FORCES FRIENDSHIP
COMBAT TAEKWONDO
EXHIBITION

2019.05.25 | AT OSAN AIRBASE FITNESS CENTER
2019년 5월 25일(토) 오산미군부대내 피트니스 센터





Ret. U.S. Army Sgt. Maj. Chris Vaia, member of American Legion Post 38, center, and Osan Middle High School Junior ROTC cadets teach Osan Elementary School students proper U.S. flag etiquette at Osan Air Base, Republic of Korea, May 9, 2019. Vaia talked to third to fifth grade students about the history of the U.S. flag and what the stars, stripes and colors represent. (U.S. Air Force photo by Staff Sgt. Sergio A. Gamboa)



Students learn about ‘Old Glory’

By Staff Sgt. Sergio A. Gamboa
51st Fighter Wing Public Affairs

OSAN AIR BASE, Republic of Korea -- The Osan Middle High School (OMHS) Junior ROTC team partnered with American Legion Post 38 to educate elementary students about the U.S. flag at Osan Air Base, Republic of Korea, May 9, 2019.

The main goal of the class was to educate Osan Elementary School (OES) students about proper etiquette and behavior when handling the U.S. flag.

“I came out here to let the students know what America is all about, our [American] history, the representation of the flag and how to always be prepared to protect and defend the United States of America,” said Ret. U.S. Army Sgt. Maj. Chris Vaia, member of American Legion Post 38. “The event was fantastic, the students were eager to volunteer and learn about the history and meaning behind Old Glory.”

The students, ranging from third to fifth-graders, learned what the stars, stripes and colors on the flag represent and the history of where they came from.

“This was very informative for our students,” said Krista Fagala, a physical education and health teacher at OES. “At the end, I believe it showed the kids how to take pride in their heritage and in the flag.”



Ret. U.S. Army Sgt. Maj. Chris Vaia, member of American Legion Post 38, talks to Osan Elementary School students about proper U.S. flag etiquette at Osan Air Base, Republic of Korea, May 9, 2019. Vaia talked to third to fifth grade students about the history of the U.S. flag and what the stars, stripes and colors represent. (U.S. Air Force photo by Staff Sgt. Sergio A. Gamboa)

The children also had the chance to see an official flag folding ceremony performed by the junior ROTC team, and some were even lucky enough to help.

"Hands-on training is invaluable even if you are working with elementary students," said Michael Robinson, an administration officer for OMHS and OES. "You figure if you teach them at a young age, what they learn will stick with them. Hopefully they took something from this that they can use, if not now, later on in life."

Robinson spoke highly to the importance of keeping children educated on heritage, customs, and etiquette of the U.S. flag.

He added, "If we don't teach younger generations, we'll forget."

Osan Middle High School Junior ROTC cadets show Osan Elementary School students how to properly conduct a U.S. flag folding ceremony at Osan Air Base, Republic of Korea, May 9, 2019. The Junior ROTC team partnered with American Legion Post 38 to educate elementary students about the U.S. flag and what it represents. (U.S. Air Force photo by Staff Sgt. Sergio A. Gamboa)



35th FS completes localized training



U.S. Air Force Maj. James Broncheau, 35th Fighter Squadron instructor pilot (right), preps Col. Jon Wheeler Jr., 8th Fighter Wing vice commander, and 1st Lt. Thomas Gray, 35th FS pilot, prior to flight at Kunsan Air Base, Republic of Korea, April 24, 2019. Wheeler and Gray were preparing for localized flight training. (U.S. Air Force photo by Staff Sgt. Joshua Edwards) ◀

U.S. Air Force 1st Lt. Thomas Gray, 35th Fighter Squadron pilot, prepares for his flight at Kunsan Air Base, Republic of Korea, April 24, 2019. Gray flew in an F-16 Fighting Falcon which is a high-performance weapons system that has flown thousands of sorties in support of operations across the globe. (U.S. Air Force photo by Staff Sgt. Joshua Edwards ▼



U.S. Air Force Senior Airman Jacob Davignon, 35th Air Maintenance Unit assistant dedicated crew chief, inspects an F-16 Fighting Falcon prior to flight at Kunsan Air Base, Republic of Korea, April 24, 2019. The 35th AMU is responsible for the repairs to the 35th Fighter Squadron's F-16 and occasionally the 80th Fighter Squadron's aircraft. (U.S. Air Force photo by Staff Sgt. Joshua Edwards) ◀

Staff Sgt. Jesse Koritar, 90th Ground Combat Training Squadron training instructor, signals for his men to rappel out of an Army UH-60 Black Hawk at F.E. Warren Air Force Base, Wyo., May 2, 2019. During flight, the noise from wind and rotors is too loud to communicate verbally requiring the use of hand signals to accurately transfer information. (U.S. Air Force photo by Staff Sgt. Ashley N. Sokolov)



Firefighters assigned to the 20th Civil Engineer Squadron simulate decontaminating their wingman during an exercise at Shaw Air Force Base, S.C., May 2, 2019. Exercise participants who entered the chemical and explosives lab went through the decontamination process after investigating the building. (U.S. Air Force photo by Senior Airman Destinee Sweeney) ►



Airman 1st Class Darren Raines, 22nd Security Forces Squadron military working dog handler, participates in a MWD demonstration at McConnell Air Force Base, Kan., May 2, 2019. The 22nd SFS held multiple demonstrations for Maj. Gen. Sam Barrett, 18th Air Force commander, to show what their purpose is and how they protect the base. (U.S. Air Force photo by Senior Airman Alan Ricker) ▼

World War II reenactors pose in front of a Douglas C-47 Skytrain at the D-Day 75th anniversary Commemoration at the Air Mobility Command Museum, Dover Air Force Base, Del., May 4, 2019. The plane was open for cabin and cockpit tours throughout the day. (U.S. Air Force photo by Mauricio Campino) ▼



Do not tamper with smoke detectors!

In less than 2 minutes, a fire can grow from 200 to 1400 degrees. A disconnected smoke detector or one stuffed with a plastic bag is worthless if there is a fire.



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Furthermore, any person who willingly and/or maliciously does any of the following is subject to punishment under the UCMJ: tampers with, damages, impedes upon, or otherwise renders out-of-service any fire suppression/alarm system to include fire extinguishers in accordance with 51 FWI 32-2001, Para 5.4.2. (2018 Edition)

Should you have any questions or concerns, please do not hesitate to contact Fire Prevention Office at 784-4834/4710.

Free Korean Immersion Tour Announcement

Osan Service members and their families have the opportunity to participate in Korean Immersion Tour sponsored by 7th Air Force and local governmental agencies.

The goal of the program is to give members of Osan military community a better understanding of the local culture while strengthening ties with our Korean partners.

The program includes Seoul N-tower and Kyeongbok Palace in Seoul.

Transportation, lunch, entrance fee are all free (paid by ROK government).

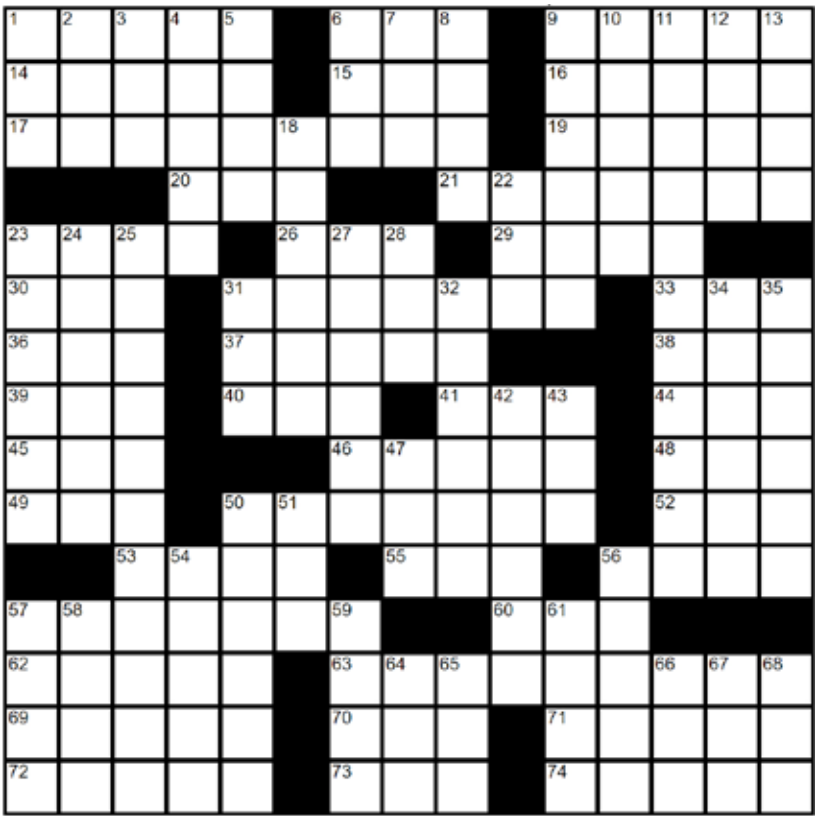
A bus leaves outside of main gate at 0900.

Tour Schedule:
11 May, 25 May and 8 June and 22 Jun.

These programs is first come, first serve. Spouses are highly encouraged to attend, as are children over the age of 12. To sign up, simply email your name, duty status, and desired tour date to chet.garretson@us.af.mil

The Crossword

By Jon Dunbar



ACROSS

- 1 Precedes bravo, charlie
- 6 "Mad Men" channel
- 9 Banks or Grey
- 14 Commonly named dogs
- 15 Korean apartment brand
- 16 ___ and unusua punishment
- 17 Martial arts expert's accessory
- 19 Astronomical shadow
- 20 Soldiers' entertainment
- 21 Buries in a grave
- 23 Not his
- 26 Snowden's ex-workplace
- 29 Cosmonaut Gagarin
- 30 Abu Nidal's terrorist group
- 31 Korean wrestling sport
- 33 Not he
- 36 Thor and Luke Cage's world
- 37 Hall's musical partner
- 38 "Play it again, ___"
- 39 Empress Myeongseong
- 40 Said with a salute

- 41 "I ___ a spell on you"
- 44 ___ Jima
- 45 Not the beginning
- 46 Works for a reward
- 48 Grass seed
- 49 President Moo-hyun
- 50 Alternative to taekwondo
- 52 US intelligence agency report
- 53 Follow the command
- 55 AFSOC officer in charge of training and equipping ground special ops
- 56 Washington think tank
- 57 Drainage channels
- 60 Brig. Gen. immediate subordinate
- 62 Syrian president
- 63 Ancient Korean martial art
- 69 Motif
- 70 Smartphone software
- 71 Mix up
- 72 Got more comfortable
- 73 NBC's founder
- 74 Sana'a's country

DOWN

- 1 Osan or Kunsan
- 2 Kim or Wayne
- 3 Old-fashioned mobile device
- 4 ___-pocus
- 5 Questions
- 6 Wedge tool
- 7 "Firefly" main character
- 8 Reference
- 9 Roman shield
- 10 Knight's suit of ___
- 11 Applications
- 12 Flavorful plant
- 13 "___ poor Yorick"
- 18 Japanese tree
- 22 Greenwich Village school
- 23 Gun part
- 24 Brendan Fraser 1992 movie
- 25 Semicircular kicks
- 27 Message to command center

- 28 "Who ___ you?"
- 31 Distress signal
- 32 ___ de corps
- 34 Pearl Harbor site
- 35 Does very emotionally
- 42 Decouple
- 43 Chinese chicken general
- 47 Soviet firearms
- 50 Took advice
- 51 Opposite of nay
- 54 Accuse
- 56 Bonnie's partner
- 57 Actress Blanchett
- 58 Workplace watchdog
- 59 General's ranker
- 61 Approve
- 64 M13 or BTRo60
- 65 Eco watchdog
- 66 Techno music
- 67 Grand ___ Opry
- 68 NASA's new Ground Network

Answers to Previous Crossword			
ACROSS			
1 AHAS	34 SNAKE	73 ENKA	32 JAMIE
5 ADAM	36 AMG	74 PHEN	33 INTRO
9 RAE	37 NIT		35 NAZCA
13 TANK	39 ACID	DOWN	38 TRANS
14 SOLOS	40 DEMILITARIZED	1 ATTACK	40 DALI
16 AIDE	44 TAXI	2 HAECHI	41 EXERCISE
17 TETE	45 EMR	3 ANTHEM	42 IMMOBILE
18 AGENT	46 AMC	4 SKEE	44 TSA
19 TROT	47 SLEEK	5 ASA	48 KPA
20 ACHES	49 MOONJAEIN	6 DOGLEG	50 OCLOCK
22 LEGUMES	54 AIR	7 ALEE	51 EIGHTH
24 CHE	55 PHO	8 MONGOLIA	52 IPHONE
25 UAE	57 CSI	9 RATE	53 NATION
27 ONG	58 IPA	10 AIRSPACE	56 HELP
28 PSI	59 CHAEBOL	11 EDO	60 HTTP
31 KIMJONGIL	62 NIGHT	12 LET	61 OMAN
	64 EMIT	15 STUN	63 ICAP
	66 LIMON	21 SUOMI	64 EVS
	68 CHOI	23 MGS	65 MET
	69 VEST	26 ANGLE	67 NEA
	70 PLACE	29 SKID	
	71 ATNO	30 IED	
	72 STEP		



US. Air Force Academy cadet, Wyatt Murphy, competes in a high-jump competition during the Academy's annual Twilight Open at the Air Force Academy's Cadet Outdoor Track and Field Complex in Colorado Springs, Colo., May 3, 2019. (U.S. Air Force photo by Trevor Cokley)



An Airman from the 57th Rescue Squadron parachutes onto the airfield at Aviano Air Base, Italy, May 3, 2019. The 57th RQS leads, organizes, trains and equips the Guardian Angel's weapons system and combat support teams to conduct day and night personnel recovery operations in combat. The squadron also provides combatant commanders with options to report, locate, recover and reintegrate isolated personnel. (U.S. Air Force photo by Airman 1st Class Caleb House) ▲



Air National Guardsmen with the 152nd Airlift Wing from Reno, Nev., drop water during the Modular Airborne Fire Fighting System training and recertification week at Grand Canyon Hills, Colo., May 6, 2019. The 302nd AW at Peterson Air Force Base, Colo., is hosting the annual training where members of the Air Force Reserve and Air National Guard with the 302nd AW, 152nd AW and 153rd AW from Cheyenne, Wyo., train for the 2019 fire season. (U.S. Air Force photo by Tech. Sgt. Amber Sorsek) ▼



Staff Sgt. Stephen Hughes, 334th Training Squadron instructor, uses toy airplanes to provide an air traffic control demonstration to Maverick Vanhuss of Metairie, La., during the Thunder Over the Sound: Keesler and Biloxi Air and Space Show at Keesler Air Force Base, Miss., May 4, 2019. The two-day event included multiple static displays on the flight line and featured performances by the U.S. Air Force Thunderbirds and the U.S. Army Black Daggers. Thunder Over the Sound is a unique, one-of-a-kind event where a base and its surrounding city have jointly hosted one air show taking place in two locations. (U.S. Air Force photo by Kemberly Groue) ◀

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 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-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

- WHAT'S HAPPENING -
MSGT RELEASE PARTY: Please join us as we celebrate our newest MSgt selects. Promotion into the Senior NCO tier is a significant milestone in one's career so please do not miss the opportunity to share this moment with our well deserving promotees. The party will be held 23 May at 3 p.m. in the Officer's Club Ballroom. Attire is UOD. For more information please contact SMSgt Jamaal Chesney at jamaal.chesney@us.af.mil or MSgt Mikel Daniel at mikel.daniel.1@us.af.mil.
SPIRITUAL RESILIENCY RETREAT: The Osan Chapel team is hosting a free singles and unaccompanied personnel retreat 24-25 May at the Dragon Hill Lodge. If interested, please register by calling the Chapel at 784-5000 or email Ch. De Leon at angeles.de_leon@us.af.mil or Ch. Idomele at joseph.idomele.1@us.af.mil
KOREAN IMMERSION PROGRAM: Osan Service members and their families have the opportunity to participate in two day Korean Immersion Program sponsored by local governmental agencies. The goal of the program is to give members of Osan military community a better understanding of the local culture while strengthening ties with our Korean partners. The program combines a variety of classroom, field trip and cooking class. Transportation, lunch, entrance fee are all free (paid by ROK government) A bus leaves outside of main gate at 0820 You may enroll in one or both days: 20/21 May, 3/4 June, 17/18 June, 24/25 June
Day 1: Experience calligraphy and Korean traditional dress

Day 2: Cooking class & City tour via public transportation
*You will be given a transport card and a 10,000 won coupon to use in the Pyeongtaek International Central Market. This program is first come, first serve. Spouses are highly encouraged to attend, as are children over the age of 12. To sign up, simply email your name, duty status, and desired tour date to chet.garretson@us.af.mil
OPEN INVITATIONAL SOFTBALL TOURNAMENT: The 42nd annual military-run softball tournament will be held 24-27 May, with an opening ceremony on the 24th at 8am and games beginning at 9am. For more information, contact Rob Waddle at cell 010-9868-6933 or robwaddle@pobox.com, or MSgt Jason Winkle at jasonwinkle36@yahoo.com.
STORYTELLERS: Come and be encouraged by true stories of strength and resilience! The event will be held 31 May from 11 a.m. to 1 p.m. at the Osan Officer's Club. A free lunch buffet will be provided. To RSVP, visit this link: <https://einvitations.afit.edu/inv/anim.cfm?i=450577&k=0664420C7C50> For more information, contact Ch. Capt. Jennifer Ray DSN 784-5000 or jennifer.ray.5@us.af.mil.
OSAN AIR BASE HALF MARATHON: The Osan Top 3 will be hosting a half marathon/10K/5K 8 June from 7:30 to 11:30 a.m. Start location will be the Osan Middle High School football field. All participants must have base access. For more information, contact MSgt Bennie Prescott at DSN 784-4503 or bennie.prescott@us.af.mil.
EO OFFICE CLOSURE: The Equal Opportunity office will be closed from 10-14

June for their biennial EO Worldwide Training Workshop. For questions or concerns during the closure, please contact Ms. Jocelyn Williams at jocelyn.williams.1@us.af.mil, Duty Cell 010-2065-9583, or MSgt Shalicia Wright at shalicia.wright@us.af.mil.
VOLUNTEER VICTIM ADVOCATE COURSE: The Osan SAPR office is currently accepting applications for Initial Victim Advocate Training (IVAT) for members with a DEROS of Feb 2020 or later. The course is scheduled for 17-21 June. 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. If interested please email our org box at 51FWCVK@us.af.mil for the application documents. You can also call us at DSN 784-2832 or stop by our office located in Bldg. 937 Rm 114.

- VOLUNTEER OPPORTUNITIES -
VOLUNTEER VICTIM ADVOCATE COURSE: The Osan SAPR office is currently accepting applications for Initial Victim Advocate Training (IVAT) for members with a DEROS of Feb 2020 or later. The course is scheduled for 17-21 June 2019. 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. If interested please email our org box at 51FWCVK@us.af.mil for the application documents. You can also call us at DSN 784-2832 or stop by our office located in Bldg. 937 Rm 114.
BASE SEEKS VOLLEYBALL OFFICIALS:
Along with a community service bullet, you can earn extra spending money while you serve the community officiating intramural and youth volleyball matches. Call 010-21885528 or email davidmoysey@yahoo.com for more information.

- RECURRING -
BOY SCOUTS OF AMERICA: BSA Troop 86 meets Thursdays at 6 p.m. in the old elementary school behind the Osan Thrift Shop. Through Scouting, you can go places, test yourself, and have one-of-a-kind adventures you can't get anywhere else. The troop is active and routinely participates in hiking, camping and other events across the Republic of Korea. With Troop 86, scouts will also have the opportunity to attend events in Mongolia, Thailand, the Philippines, China and Japan. New and transferring scouts are always welcome. If you have questions or are interested in volunteering please stop by or contact Earl Thomas at 010-6649-5525.
TUTORING: Free tutoring for all grades and subjects Wednesdays and Thursdays from 1630 to 1830. Wednesday tutoring is located at the Jirisan Tower (Bldg 1014) 1st floor Activity Room (on the right after entering from the main entrance). Thursday tutoring is located in the Tech Room at the Osan Youth Center. If you have questions or are interested in becoming a tutor, contact Capt Tan Pham at tan.pham.3@us.af.mil or DSN 784-0767 and check out the Osan AB Tutoring FB page: <https://www.facebook.com/Osan-AB-Tutoring-450058569101338/>

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

SPIRITUAL CHARGE

An Extra Spark of Inspiration



By Religious Affairs Airman, SrA Rickey Rivers

While I was relaxing at home during a recent weekend, I scrolled through one of my social media applications and came across Neo Keitumetse’s inspiring story.

Neo’s life began in Botswana, South Africa where she was born with a congenital defect in her legs. The congenital defect forced

Neo to have both of her legs amputated at the age of five. As you can imagine, her childhood was difficult and challenging. While attending school as a child, Neo was made fun of by her classmates. Being made fun of was very hard for her but she realized that she had a strong support system in her family. Her family encouraged her to remain focused and study hard no matter what challenges she faced during school hours. Neo remained in Botswana for a little while longer before she commuted to Canada for university. In 2014, she took a trip and spent time catching up with a friend in the United States. During her trip, she met her husband Garrett Kirchway. Garrett and Neo clicked over a two-week stay during Christmas-break and began their relationship. The couple got married after Neo found out she was pregnant with twins and the couple now resides in Tempe, Arizona. During the fourth month of her pregnancy,

she dealt with a kidney infection and suffered additional difficulties. Despite all of the hardships of the pregnancy, she was able to deliver two healthy twin boys, Joshua and Caleb. Being a double amputee did not stop Neo from accomplishing her motherly duties for her family. Neo has found ways to adjust to her life as a mother while knowing what her limits are.

Neo’s main goal is to show the disabled community that those who are “not able” should be considered the same as those who “are able” with full ability. Other than being a mother, Neo spends her time video logging (“vlogging”) via her YouTube channel where she aims to show the world and other amputees that it is possible to carry out one’s motherly duties. Neo is slowly becoming an online sensation gaining over 6,000 subscribers within the last year. Her YouTube channel helps to raise awareness that anything and everything is

possible. She wants to show how amputees can still get married, have a family and accomplish the everyday challenges of life. Neo has received nothing but positive comments and support from her online community as they continue to tune in weekly to her vlogs. Neo once said, “If I could speak to my younger person I would say ‘you are a person too; just because you don’t have legs doesn’t make you different from any other person. So hold your head up, don’t be offended by these people who bully, don’t be offended by them, just go out and just get it.’”

It is important for people to be inspired or have inspiration; it is a part of what fuels us. After reading about Neo, I was and am inspired by her story. Her will, her confidence, and her courage continue to speak volumes that influence others. As I sit back and reminisce about the struggles I face in life, I now think upon Neo’s story for that extra spark of inspiration.

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)
- Wednesdays @ 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 0845-1100 @ 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 (CWC)
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.
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>



Leadership from the 8th Medical Group pose for a photo with medical staff at Wonkwang University Medical Center, Republic of Korea, May 8, 2019. The surgical team at Wonkwang successfully performed a life-saving operation on a simulated patient transported via helicopter from Kunsan Air Base, paving the way for a continued relationship between the medical center and Kunsan. (U.S. Air Force photo by Senior Airman Stefan Alvarez) ◀

Medical staff perform surgery on a simulated patient at Wonkwang University Medical Center, Republic of Korea, May 8, 2019. The 8th Medical Group coordinated with Wonkwang to exercise emergency medical flight transport procedures and transfer a simulated patient from Kunsan Air Base to the hospital in Iksan. (U.S. Air Force photo by Senior Airman Stefan Alvarez) ▼



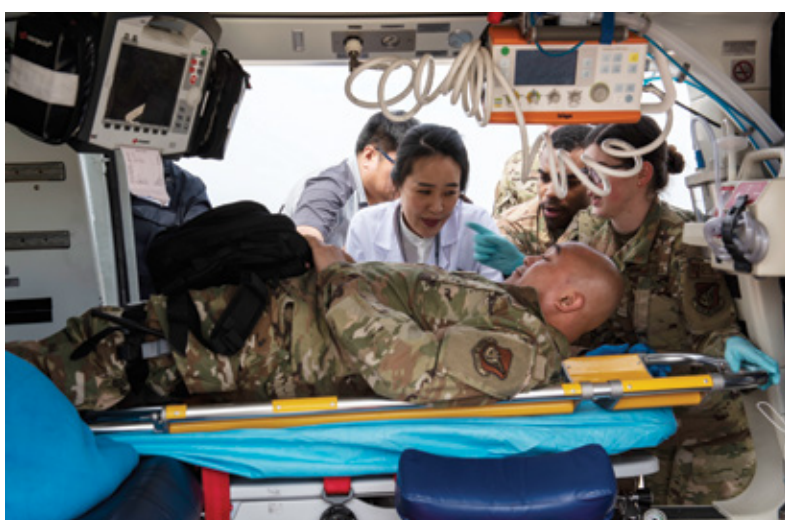
8 MDG partners with local Korean hospital, tests emergency medical response



Airmen from the 8th Medical Group and medical staff from Wonkwang University Medical Center load a simulated patient on a helicopter at Kunsan Air Base, Republic of Korea, May 8, 2019. 8th MDG worked closely with the staff at Wonkwang to test how the facility could accommodate an air lift emergency from Kunsan. (U.S. Air Force photo by Senior Airman Stefan Alvarez) ◀

U.S. Air Force Tech. Sgt. Adam Tarbill (left), 8th Medical Operations Squadron flight medicine flight chief, monitors vital signs on a simulated patient at Wonkwang University Medical Center, Republic of Korea, May 8, 2019. The 8th Medical Group coordinated with Wonkwang to test out an emergency medical flight transporting a patient from Kunsan Air Base to the hospital in Iksan. (U.S. Air Force photo by Senior Airman Stefan Alvarez) ▼

U.S. Air Force Tech. Sgt. Adam Tarbill (right), 8th Medical Operations Squadron flight medicine flight chief, observes medical staff perform surgery on a simulated patient at Wonkwang University Medical Center, Republic of Korea, May 8, 2019. The 8th Medical Group coordinated with Wonkwang to test out an emergency medical flight transporting a patient from Kunsan Air Base to the hospital in Iksan. (U.S. Air Force photo by Senior Airman Stefan Alvarez) ▶



PACAF Airman wins DOD-level Analyst award

By Staff Sgt. Mikaley Kline
Pacific Air Forces Public Affairs

JOINT BASE PEARL HARBOR-HICKAM, Hawaii -- Maj. Andrew Atkinson, Pacific Air Forces Analyses, Assessments, and Lessons Learned branch chief, was announced as the 2019 Military Operations Research Society's Wayne P. Hughes Junior Analyst of the Year at the Department of Defense level.

The Wayne P. Hughes Jr., award recognizes analysts who are making an impact on operations research.

"I was very happy to hear I was selected at that level," Atkinson said. "I was honored to win this award and feel very appreciative to everyone who has mentored me over the years."

To be considered for the DOD-level award, an individual has to be nominated by a senior mentor in the operations research (OR) field.

John Trifonovitch, PACAF Analyses, Assessments, and Lessons Learned director was the senior mentor who nominated Atkinson for the award.

Trifonovitch nominated Atkinson to recognize him for the outstanding contributions he has made and is making to the operations research field and the impact he is having on the Air Force and the DoD.

"His remarkable ability to transform theoretical, academic innovation into real-world warfighting impact at the highest level exemplifies the rarest quality of an analyst," Trifonovitch said. "In addition, the nomination is a means to highlight to the OR community and the DoD, as well as the new methodologies and capabilities that now exist because of Andrew's accomplishments. He has distinguished himself as a true scholar and warrior."

"This junior analyst award considers what you've accomplished thus far in your career, understanding that it is still fairly early on in your career," Atkinson said. "So, job performance here at PACAF as well as previous assignments, along with research accomplishments and publications are also taken into account."

Atkinson's nomination was largely based on the work he's done so far in the field of modeling and simulation.

"The [Operations Research Analyst] career field brings in those with a math major or operations

research," Atkinson said. "It's kind of a career field for people that can use data, applied math, statistics to help solve some military problems."

Following graduation from high school, Atkinson received an Air Force Reserve Officer Training Corps (ROTC) scholarship and attended the University of Virginia.

"I wanted to join because my family has a little background in the military. My grandfather served 20 years enlisted in the Army and my father is a DoD civilian for the Army," Atkinson said. "With him having that job we moved around overseas; Japan, Germany, so I had always been somewhat familiar with the military life."

Atkinson added he really enjoyed his time at the University of Virginia. It was during his time there he met his wife, Kelly, who is also active duty Air Force.

Trifonovitch added that working with Atkinson is a true pleasure.

"His 'can do' attitude is refreshing and motivating," he said. "His friendly and calm demeanor make it very easy to seek his advice and opinion. Andrew is respected by his peers and leadership."

The award is named after a former member of the Military Operations Research Society board of directors and 20th MORS president.

Atkinson will go on to receive his award at the annual symposium at the United States Air force Academy in mid-June.

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Trifonovitch nominated Atkinson



Maj. Andrew Atkinson, Pacific Air Forces Analyses, Assessments, and Lessons Learned branch chief, poses for a photo in the Courtyard of Heroes at Headquarters PACAF, Joint Base Pearl Harbor-Hickam, Hawaii, May 7, 2019. Atkinson was announced as the recipient of the 2019 Military Operations Research Society's Wayne P. Hughes Junior Analyst of the Year award at the Department of Defense level. (U.S. Air force photo by Staff Sgt. Mikaley Kline)

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Fast FACs of the Vietnam War

Lethal Skies

In the spring of 1967, with the aid of the Soviet Union, North Vietnam started to enhance the air defenses in the panhandle of North Vietnam and southern Laos to protect their main supply line the Ho Chi Minh Trail. This included the deployment of triple A and Surface to Air Missile (SAM) sites making it extremely hazardous for Cessna O-1 Bird Dog and O-2 Skymaster Forward Air Control (FAC) aircraft to control air strikes. A staff officer from 7th Air Force HQ witnessed the situation firsthand while flying in a two-ship of O-2s, the lead aircraft in their formation was obliterated by a surface to air missile. Soon after, 7th Air Force devised Operation Commando Sabre to test and evaluate a jet aircraft, the North American F-100F, in the Fast FAC role. 7 AF Commander General William W. Momyer approved of the operation on 17 May 1967. Detachment 1 was activated on 28 June 1967; the unit was given authority to test tactics and procedures in order to carry out their mission. The first Commanding Officer was Major George E. "Bud" Day. Maj Day came up with the call sign "Misty" for the mission in reference to his favorite Johnny Mathis song. The detachment had little trouble getting qualified pilots from the various F-100 squadrons in theater to volunteer for the top secret mission. Getting aircraft, however, seemed a bigger challenge; the detachment would have to borrow available aircraft from their parent wing. The Wing in question, the 37th Tactical Fighter Wing, was not thrilled with the arrangement; F-100Fs assigned to Misty missions would typically come back with severe battle damage in comparison with other missions flown.

Misty Tactics

The tactics used by the Fast FACs were similar to that of the slower FACs, with the exception that the Misty crews only had seconds to positively identify their targets. In high-threat areas, the Misty crews would fly "S" patterns during their visual reconnaissance missions at a minimum altitude of 4,500ft with an airspeed of 450 mph. Once a target was spotted the pilot/observer (backseat) would contact an Airborne Battlefield Command and Control Center (ABCCC) to coordinate an airstrike. The Misty pilot would then rendezvous with the strike aircraft at 20,000 feet and brief the target, direction, reference points, and the preferred weapon to use against the



This North American F-100F Super Sabre "Fast FAC" was assigned to the Seventh Air Force, Detachment 1, 416th Tactical Fighter Squadron, based out of Phu Cat Republic of Vietnam. It currently resides at the National Museum of the United States Air Force. During the war some notable pilots flew this particular F-100F including Col Richard Rutan, General Ronald Fogleman, and Gen Merrill McPeak. (USAF)



In 1967 the USAF started to receive Cessna O-2A Skymasters to use as FAC aircraft as a stop gap measure until the new North American Rockwell OV-10 Bronco became available. It was hazardous for any of the slower moving FACs to operate in the high threat environments found in North Vietnam. After the introduction of the Fast FACs, the slower O-1s and O-2s would normally operate in the South Vietnam. (USAF)

target. The Fast FAC pilot would dive at a 45 degree angle from 8,500ft and mark the target at 5,500ft with white phosphorus rockets. After marking the target, and marking both ends of the target area for the strike aircraft the Misty crew would pull up and orbit at 10,000ft AGL and stay in the vicinity to help adjust fire.

After the strike was completed the Misty crew would normally refuel with a Boeing KC-135 tanker and let the target area cool down before going back from a different direction to collect information for a battle damage assessment (BDA) of the strike. The pilot/observer used a 35mm camera to take photos of the BDA. If a strike aircraft was

hit and a pilot had to eject, the Misty crew would stay on station and assist with the search and rescue effort. 7 AF statistics showed that air strikes controlled by Misty crews were twice as effective as standard strikes. The practicality of having F-100F Super Sabres flying visual reconnaissance over the Ho Chi Minh trail was useful

A dozen Wolf FACs from the 8th Tactical Fighter Wing seen taking a group photo in front of a McDonnell Douglas F-4 Phantom II at Ubon Royal Thai Air Base. Wolf FACs were all volunteers from the wings four Phantom squadrons, they flew whatever F-4 Phantoms that were made available; this particular Phantom was assigned to the 497th Tactical Fighter Squadron. (USAF) ►

for a variety of missions including artillery and naval gunfire spotting, weather reconnaissance, and hunter-killer teams.

Phantom FACs

The 7th Air Force received permission from PACAF to test the McDonnell Douglas F-4 Phantom as a Fast FAC aircraft, as the aging F-100F was reaching its final years of service in Vietnam. 7AF tested a number of aircraft including the Cessna A-37 Dragonfly and the Republic F-105F Thunder Chief. The A-37 was considered too slow to survive operating in North Vietnam, and the F-105F had extremely limited visibility from the back seat. The McDonnell Douglas F-4 Phantom seemed to be the answer; multiple wings came to the same conclusion. The Phantom had many advantages over the F-100F to include two engine safety, more power, radar, and a larger payload. However, there were drawbacks, as the F-4 consumed more fuel, had less visibility from the rear cockpit, and had engines that produced a smoke trail giving AA gunners a better target.

In Demand

In August 1968, 7 AF established an F-4 Phantom FAC program from assets of the 389th Tactical Fighter Squadron, 366th Tactical Fighter Wing, based out of Da Nang. The Phantom FAC crews used the call sign "Stormy," and were initially trained by Misty instructor pilots. The Stormy FAC operations inspired the 8th Tactical Fighter Wing (8 TFW) to create its own F-4 Phantom FAC program at Ubon, Thailand. The director of operations for the 8 TFW, Col Slade Nash requested permission to use F-4Ds from their wing in the FAC role in October 1968. 8 TFW F-4Ds would use the call sign "Wolf" when performing FAC missions in North Vietnam. The Wolfpack handled the FAC mission differently than the other units. First the Wolf FACs were not a separate detachment; to ease the flow of information they fell under 8 TFW operations and worked in the same office as the



Wing's Intelligence Department. The Wolfpack's approach to the FAC mission caught on and was soon adopted by the 388 TFW with their new F-4Es flying out of Korat, Thailand. The E model Phantom was far superior to earlier F-4 models in the FAC role as it had more power, an internal cannon, and an internal guidance system. The 388 TFW Phantoms would go by the call sign "Tiger." In August of 1969 there were four separate USAF units flying VR/FAC missions up North, considered one of the

most dangerous missions to conduct during the air war, outside of Wild Weasel missions. Statistics showed that from July 1967-1969, the USAF lost 42 Fast FACs. The majority of these aircraft were hit by Triple A, with 70% of the losses occurring while flying under 4,500 feet. None of the pilots were immune from AAA, the first Misty commander Maj. Bud Day "Misty 01" was shot down on 26 August 1967. Day managed to escape his captures and made it back to South Vietnam before being captured a second time

by a Viet Cong patrol. He would spend 67 months in captivity. His leadership while held in captivity earned him the Congressional Medal of Honor and the Air Force Cross.

Sources:

- Rick Newman and Don Shepperd, "Bury Us Upside Down," Presidio Press, 2006.
- Gary R. Lester, "Mosquitoes to Wolves the Evolution of the Airborne Forward Air Controller," Air University Press, 1997.



It was the United States Marine Corps that initiated the use of jet aircraft as FACs in Vietnam starting in 1966. Marine Grumman TF-9J Cougars controlled air strikes in support of the Marines on the ground in South Vietnam. (USN)

24 Solar Terms (Part 8)

By KyongHui “Jennie” Pae

8. So-Man: Grain Full

The start of
full-scale
farming

Indicating the seeds of summer crops mature but are not ripe yet. Sun's ecliptic reaches 60 degrees.

Soman's begins around May 21. At this time, Spring herbs will disappear, pollen will begin to show, and full-scale summer begins as rice barley is ripe and yellowish. Around Soman, farmers get busy preparing for the harvesting, and planting of new crops. Autumn barley is harvested first, a variety of field crops will begin to sprout for field cultivation. Soman means there is plenty of sunlight, and everything is growing. The planting begins in Soman, entering the busiest farming season of the year.

Reference: Korean Folk Culture Research



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Shopping Malls in the Metropolitan Area

Shopping malls in various suburbs of Seoul are continually reinventing themselves to keep pace with the ever-changing tastes of domestic and foreign consumers. These places have stepped away from the traditional role of malls that simply meet the basic needs of shoppers; they are designed to offer a broader array of services, such as fine dining, a wide range of entertainment, and much more! These huge recreation-integrated shopping malls are truly a one-stop destination for all, and have been fervently welcomed by people of all ages and backgrounds.



Starfield COEX Mall ▲

Starfield COEX Mall is a grand shopping mall with a multi-layered concept of shopping, tourism and entertainment. In addition to the clothing shops and restaurants found at most shopping centers, COEX also offers a movie theater, aquarium, and even a library! Starfield Library in particular has become a hotspot on Instagram, with bookshelves stretching up over two floors. The venue's foot traffic now has a more optimized flow and is set to offer a fully indoor, refreshing cultural experience for shoppers who frequent the Gangnam area. The dynamic sights and convenient range of facilities provided offer a great experience for even the shortest of visits.

- Address: 513, Yeongdong-daero, Gangnam-gu, Seoul
- Website: www.starfield.co.kr/coexmall

AK Town ▼

AK Town in Suwon is composed of AK Plaza, AK&, and Suwon Novotel Ambassador Hotel. AK Plaza, connected to Suwon Station, is one of the city's landmarks. It includes fashion shops, dining establishments and many entertainment facilities, including a movie theater, making it a popular place to hang out. AK&, located on the other side of Suwon Station, is aimed at young adults. Visitors can find shops selling everything from street fashion to sportswear, as well as play at the indoor futsal court.

- Address: 924, Deogyueong-daero, Paldal-gu, Suwon-si, Gyeonggi-do



Starfield Goyang ▲

Starfield Goyang offers shopping, dining, entertainment, sports facilities and more in one location. It is also conveniently located near Samsong Station on Seoul Subway Line 3. Some of the main highlights of this mall include PK Kitchen, with restaurants offering international cuisine; Toy Kingdom, the largest kids theme park in the nation; and Shinsegae Factory Store, offering huge discounts on over 130 brands.

- Address: 1955, Goyang-daero, Deokyang-gu, Goyang-si, Gyeonggi-do
- Website: www.starfield.co.kr/goyang

Parnas Mall ▼

Parnas Mall, located in the underground level of the Grand InterContinental Seoul Parnas Hotel, includes dozens of editorial shops, beauty brands and global fashion brands that were previously only available in duty free stores. Parnas is directly connected to Samseong Station, COEX Mall, a casino, and Hyundai Department Store. The mall is complete with a sophisticated interior design, not to mention a luxurious and stylish atmosphere. Cultural events are also held regularly in the halls of this complex, continuously pulling in visitors.

- Address: 521, Teheran-ro, Gangnam-gu, Seoul
- Website: www.parnasmall.com





Times Square ▲

Located at Yeongdeungpo Station on Seoul Subway's Line 1, Times Square serves the city of Seoul as a fully-equipped entertainment and culture space, with the Courtyard by Marriot Seoul Times Square, Shinsegae Department Store – Yeongdeungpo Branch, CGV Movie Theater, E-Mart, Kyobo Bookstore, and countless clothing stores and restaurants. Times Square also houses Asia's largest digital premium movie theater screen, drawing the interest of many tourists. In addition, the mall's Main Atrium is the largest community space of its kind in Asia, and extends all the way to the roof. The venue also holds numerous performances and launch events for global companies, famous celebrities holding autograph sessions, and even live TV broadcasts.

- Address: 15, Yeongjung-ro, Yeongdeungpo-gu, Seoul
- Website: www.timessquare.co.kr

Starfield Hanam ▼

Opened on September 9, 2016, Starfield Hanam is as large as 70 soccer fields. The first of the Starfield shopping malls to open, it has been called a "shopping theme park" for its various amenities. In addition to shopping, visitors can get rid of extra energy while playing at Sports Monster; or by relaxing at Aquafield, a jjimjilbang with indoor and outdoor facilities.

- Address: 750, Misa-daero, Hanam-si, Gyeonggi-do
- Website: www.starfield.co.kr/hanam



IFC Mall ▲

Located in Yeouido, home of The National Assembly Building, various broadcasting corporations and financial institutions, IFC Mall is an international-style shopping mall containing various global brands. In addition to the great shopping, basement level 3 is a restaurant area with a European theme called Food Empire, where shoppers can satisfy their appetites with all kinds of cuisine, including Korean, Indian, Southeast Asian, American, Japanese, and European. Also located on this floor is CJ Food World, a restaurant owned and operated by CJ Group. Across the street from IFC Mall is Yeouido Park, an excellent little haven to escape from the bustle of city life.

- Address: 10, Gukjegeumyung-ro, Yeouido-dong, Yeongdeungpo-gu, Seoul
- Website: www.ifcmallseoul.com

• BULLETIN •

MEMORIAL DAY: Memorial Day, 27 May 19, is a legal holiday for U.S. civilian employees and the liberal leave policy is in effect for KN non-essential civilian employees. Supervisors should ensure the time and attendance card for KN civilian employees who wish to be off that day are properly coded to reflect the appropriate leave code, i.e. annual leave, etc. Organizations with KN civilian employees that require supervision must ensure adequate supervision is available. If an office is going to be closed, KN civilian employees can be required to take annual leave but management must provide them with a 24-hour advance notice.

If you have questions regarding the above, please contact Mr. Kim, Songwon or Ms. No, Hyechin of the Civilian Personnel Office, 784-4434/8177. (51 FSS/ FSCA)

8th FW remembers Holocaust



Airmen watch a short film about the Holocaust during a remembrance ceremony on Kunsan Air Base, Republic of Korea on May 2, 2019. The film detailed how the National Socialist German Worker's Party, led by Adolf Hitler, systematically exterminated millions of European Jews and other minorities and charged onlookers to never allow it to happen again. (U.S. Air Force photo by Capt. Remoshay Nelson) ◀

Master Sgt. Michael Kumiya, 8th Force Support Squadron career assistant advisor, places a story of the Holocaust victims and a pebble on a table during Kunsan Air Base's Holocaust Remembrance Ceremony at the Base Chapel on May 2, 2019. The ceremony is part of the national Days of Remembrance observance established by Congress to commemorate the Holocaust. This year, it is observed from April 28 through May 5. (U.S. Air Force photo by Capt. Remoshay Nelson) ▼



Rabbi (Maj.) Gary Davidson, U.S. Air Force chaplain, shares how he learned of the Holocaust during a remembrance ceremony on Kunsan Air Base, Republic of Korea, May 2, 2019. Davidson served as the ceremony's keynote speaker. He detailed the history of the Holocaust through the eyes of a Jew and charged participants to continue to tell the story of the atrocious genocide so it is not forgotten or repeated. (U.S. Air Force photo by Capt. Remoshay Nelson) ▲

Airmen hold candles to commemorate Holocaust victims and survivors during a remembrance ceremony on Kunsan Air Base, Republic of Korea, May 2, 2019. The theme of this year's remembrance is "Learning from the Holocaust: Beyond Religious Boundaries," and while many Holocaust victims were in fact Jewish, other innocent targets included Polish, Africans, Muslims, and people with disabilities. (U.S. Air Force photo by Capt. Remoshay Nelson) ►

