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Col. Brian Dominguez, 445th Airlift Wing vice commander, addresses military and civilians at a Patriot Day ceremony in front of the wing's headquarters building Sept. 11. Colonel Dominguez reflects on the wing's crucial role in the war on terror, airlifting over 20,000 patients out of the Middle East. (Air Force photo/Maj. Ted Theopolos)

Reservists gather to remember Patriot Day

By 1st Lt. Erica Donahoe
445th Public Affairs

The 445th Airlift Wing gathered today, Sept. 11, to remember the fifth anniversary of the terrorist attacks Sept. 11, 2001. The ceremony was a somber event with threatening clouds looming overhead that added to the soberness of the day.

The day was an important opportunity for the wing to reflect on its part in the global war on terror. Since the attacks five years ago, the wing has deployed nearly 600 reservists in support of the war, and will deploy another 200 in support of the Air Expeditionary Force in the upcoming months.

The wing has played a crucial role in the war on terror, transporting more than 70 million pounds of

war material and airlifting more than 20,000 patients out of the Middle East.

Col. Brian Dominguez, 445th vice commander, spoke at the ceremony, both remembering the past accomplishments of the 445th and addressing the difficulties that lay ahead.

"This September we have a new mission and a new commitment to the preservation of freedom," said Colonel Dominguez. "With greater capability comes greater responsibility, and the C-5 will challenge us to continue the legacy of service that the 445th has established."

Colonel Dominguez also took a moment to remember the fallen heroes of the 445th, Maj. Leroy

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Bridling the Tongue

By Chaplain (1st Lt.) Jonathan Kollmann/445 AW Chaplain

"When we put bits in the mouths of horses... we can turn the whole animal. All kinds of animals... have been tamed by man, but no man can tame the tongue. It is a restless evil, full of deadly poison." James 3 (selected verses)

How is your tongue? Do you have control? Is it steady and ready to encourage, praise and offer kind loving words of hope, faith, joy, and love? The tongue is very powerful. James gives simple yet thought provoking illustrations about the tongue. He considers it a bit in a horse's mouth.

I had the wonderful privilege of being raised on a farm in Indiana. One benefit our family had was a beautiful chestnut quarter horse named Lenny. Lenny was a good horse. Most of the time I could control the 2,500 pound horse by placing a strip of metal strategically over his tongue. Likewise your tongue controls the direction of your life and a little "bit" of a word or a phrase can influence your direction. If you let it go unbridled, we know from personal experience that nothing good can come from a wild untamed tongue. The tongue is the steering wheel and guidance system for our lives. If you do not like the way you are heading right now, change the way you talk. How do you do it? Here are some tips. First, ask God to help you. Next, slow down before you speak (James 1:19). Pause and ask yourself, are these words going to tear down or build up this person or situation. Put positive habits in your mind like reading the Bible and prayer and you will keep the tongue bridled.

What should I write about?

By Maj. Charles Lowe
445th Aircraft Maintenance Commander

For those who know me, I may speak with authority on a number of subjects. For those who really know me, the written word is my down fall. So, what should I write about?

I've been struggling with thoughts for subject matter for the past couple of days. I checked news articles (like there is not enough pontificating there). Two articles caught my eye. The first was about a 'Class of 9-11' cadet from West Point who was killed in Iraq and buried at West Point. She was the first of her graduating class to die. The first of the freshman class beginning their semester at West Point August 2001, a few short weeks prior to "9/11."

The other article was about Private Francis Lupo from Cincinnati, Ohio, who was being buried in Arlington National Cemetery. He is the first World War I POW-MIA remains to be identified and recovered from France. He died July 21, 1918. An interesting note spoke to the 116,516 service members who died in World War I; 53,402 as battle deaths. We entered the war in April 1917, fighting ended November 1918. We will soon celebrate Veterans Day in November which correlates to "the war to end all wars." And yet, what should I write about?

Then I thought about what I believe in. That quickly passed as I could be writing for days about superfluous information meaningful to me, but more pontificating to those who already read enough of that.

Then I thought about our constitution, bill of rights, and the declaration of independence. Source documents setting the foundation for our great nation, law of the land and rights for all people in our nation. The source for the common freedoms and rights we enjoy and cherish.

Those same freedoms and rights envied and hated by people and nations around the world. Source documents which have little meaning to some of our present day citizens who have not taken the time to remember the cost not in ink and paper, but the life blood of those citizens and service members fighting from the days of the 13 colonies to present day Iraq and Afghanistan.

So, I began surfing the web, (www.firstgov.gov) (<http://www.archives.gov/national-archives-experience/>) and decided on the "Bill of Rights". I was amazed by my lack of knowledge of the meaning of those "rights", yet, awestruck by the intelligence and foresight of those men 220 or so years ago. The original founding fathers had 12 amendments to the constitution of which ten were ratified by 12 of the 13 founding colonies. Those ten amendments make up our "Bill of Rights". How many of those amendments do you know, understand and remember? How many of you know that we celebrated "Constitution Day" Sept. 17? What a wealth of information about our government and nation at the sites above.

Then I realized I could write for days and who of you wants to read my pontificating for days? So, what should I write about?

Buckeye Flyer 445th Airlift Wing (Air Force Reserve Command)

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A C-5 Galaxy aircraft passes by as members of the wing stand in formation during the Patriot Day ceremony. (Air Force photo/Maj. Ted Theopolos)

Honoring Patriot Day

Continued from cover

Homer and Master Sgt. David Scott. Major Homer flew with the 356th Airlift Squadron for four years and was the first officer aboard United Flight 93, which crashed in the fields of Pennsylvania. Master Sgt. Scott was serving in support of Operation Iraqi Freedom when he died of a brain aneurysm.

"We mourn the loss of each and everyone of them, because, unlike the enemies of America, we value every human life," Colonel Dominguez said. The ceremony served as a reminder of the importance of each individual's commitment within the wing.

"Never forget that you all are part of a team that answered the call of duty in our nation's hour of need," said Colonel Dominguez. "As valued members of the 445th, we need your continued support to win this war."

Colonel Dominguez ended with, "Remember the unbreakable spirit that is the very soul of our country and know the truth that we, as a nation, as a military, and as a wing will not fail this test of liberty."

Chief Master Sgt. Aaron Mouser, command chief of the 445th Airlift Wing, also spoke at the ceremony. He highlighted the piece of the Pentagon wall placed in front of building 4010 and how it serves as a reminder each day of the importance of the wing's mission.

"As we pass this stone each day on our way to work it serves as a constant reminder of our mission to support, protect, and defend the constitution of the United States of America," said Chief Mouser. "You see scrapes, gouges, and burn marks that are a reminder of the evil that was wrought against us on that day."

The ceremony ended with a reminder of the wing's importance, but also the uplifting message that the United States had taken the fight to the enemy and that they were succeeding and would continue to succeed in the global war on terror.



The base Honor Guard raises the American flag while the "The Star-Spangled Banner" plays during the wing's Patriot Day ceremony Sept. 11. (Air Force photos/Maj. Ted Theopolos)



A piece of the Pentagon wall with scrapes, gouges, and burn marks from 9/11 sits on a pedestal in front of building 4010 to serve as a reminder each day of the importance of the wing's mission.

Employers see reservists in action



Civilian employers observe the wing exercise at the bivouac site while 445th Security Forces Squadron First Sergeant Senior Master Sgt. William Spradlin, *left*, explains different exercise scenarios. The employers received a first-hand insight on how reservists train and prepare to go to war during the 445th Employer's Day. (Air Force photo/Master Sgt. Doug Moore)

By 1st Lt. Erica Donahoe
445th Public Affairs

As civilian employers rolled through the gates at o-dark thirty, Sept. 9, they had the first glimpse of what their employees experience every Unit Training Assembly weekend; waking early on a Saturday to go to work while their families are home, warm in bed. However, met with coffee and bagels and welcomed by Brig. Gen. Bruce Davis, 445th commander, they received the royal treatment compared to a typical reserve morning.

Shortly thereafter, they were off on the bus to tour the bivouac exercise and gain some first-hand insight into how reservists train and prepare to go to war. "The field exercise was really informative. I got to see what my reservists do as civil engineers," said Gregory Merrill, who works for Montgomery County Sanitary and employs two reservists during the week. "I also learned a lot more about the 445th itself," he said.

Met by fictitious protesters at the gate, the employers rushed to snap photographs of the simulated experience. "The exercise was really the best part, there were so many things I was enlightened on," said James Whitworth, a member of the Miami Fire Township and EMS service.

Not only did employers learn about what their reservists do, some gained a better understanding of friends and family as well. "My son is a military policeman. Getting a chance to see what the security forces troops do really gave me a better understand of what my son does as well," Merrill said.

The excitement continued as the group toured the bivouac, enduring a ground attack to the base and viewing troops in their chemical warfare gear. Perhaps the highlight of the bivouac tour was the chance to taste a meal-ready-to-eat. As John

Killacky of Bartha Audio Visual put it, "You can tell our tax dollars are hard at work out here."

The groups continued on to take photos in front of a C-5 Galaxy. "Walking underneath and seeing how large and magnificent these things are—it's just amazing," Killacky said. Terry Taylor from the Washington Township Golf Course agreed, "Looking at the planes is really fascinating."

But looking at the plane wasn't the last stop of the day. The employers were bused across the ramp to board tail number 448 for an actual flight on a C-5. Unfortunately, after enduring the heat of the passenger compartment, the flight was cancelled due to maintenance issues, allowing the employers another glimpse of the difficulties and challenges reservists are facing with the conversion to a different aircraft.

"The flight would have been the icing on the cake, but it was still a good day," said Jeff Spencer, of Honda of America. The employers still had a chance to tour the aircraft as a static display. They experienced the mammoth proportions of the cargo compartment and climbed to the flight deck to marvel over the controls.

After the flight, the employers had a few moments to listen to Col. Brian Dominguez, 445th vice commander, speak on the difficulties of the new mission and the efforts the wing is making to transition. The day ended with the presentation of a certificate of participation presented by the vice commander.

Employers left smiling and thanking the wing for their service and for the opportunity to visit the base. "It's amazing what you guys do and we really appreciate it," said Taylor.

Other employers couldn't wait to return next year, joking that they'd like a rain check on the flight. "I learned a lot today, I would highly recommend the day to other employers," said Killacky.



Mapping by satellite saves base thousands

By Maj. Ted Theopolos
445th Public Affairs

Satellites roam the skies sending and receiving signals all the time. In fact, if you have what's known as a Global Positioning System or GPS you can find your way to almost anywhere on earth. There are approximately 24 GPS satellites, which mean there are six to seven satellites overhead at all times. Even though these satellites are 11,000 miles above the earth, getting lost with a GPS is almost impossible. But GPS can be useful for other than driving directions. It can be used for mapping inanimate objects.

That's what members from the 445th Communications Flight did for their annual tour in July. Communications teams using GPS mapped copper telephone and fiber optic cables for Ramstein Air Base, Germany, as well as for Vogelweh Air Base. The unit worked with the base's 435th Communications Squadron to do the surveys.

"Two four person teams surveyed more than 400 buildings giving detailed information about the location of the fiber optics in each building," said Capt. Denny Park, operations officer of the 445th CF. "Each building was documented for how much fiber was in use and the path the fiber took."

By mapping telephone optic fiber locations and documenting them into what's known as a GeoBase, program communications specialists can troubleshoot problems more quickly. Ramstein is the pilot base for all United States Air Force Europe bases for this data-capture initiative.

"Besides buildings, our teams also checked about 100 manholes locations with GPS receivers to verify existing data," said Captain Park. "Three two person teams identified telephone and fiber



Senior Airman Crystal Bush and Tech. Sgt. Dan Lewis, from the 445th Communications Flight, identify fiber optic cables on their annual tour to Ramstein Air Base, Germany. (Courtesy photo)

optic splices or junctures. Some were already known but several were not."

Once all the fiber optics were located, information had to be documented into the GeoBase program. "We entered more than 1,000 records," said Captain Park. "Once in the system you can monitor it from a desk to do a survey because it's already been mapped."

Reservists saved the base an estimated \$100,000 by not having the survey outsourced to an engineer team and will save approximately \$250,000 annually when engineers and communications squadrons can plan communications architecture from the desktop instead of paying contractors to do site-surveys. Civil engineers can also plan excavations without cutting lines and disrupting service to the base using this information.

"It was absolutely vital," 1st Lt. Richard Muster, C-41 project manager from the 435th CS, mentioned in an e-mail to thank the reservists. "This was valuable service the troops did for us here at Ramstein."



Tech. Sgt. Randy Sargent uses a Trimble GPS pedestal mounted unit to map copper telephone and fiber optics locations as Tech. Sgt. Michael Straley documents how much fiber was in use and the path the fiber took. Both are assigned to the 445th Communications Flight. (Courtesy photo)

Network News

Network users will see big changes in coming months

By 1st Lt. Erica N. Donahoe
445th Public Affairs

Which of the following apply?

- (A) Mail Migration
- (B) Standard Desktop Configuration
- (C) Common Access Card logon
- (D) All of the above

If you answered (D), you're right. The list above includes a few of the numerous changes the 445th Communications Flight and consequently, the entire wing is experiencing in the realm of network security and enhancement. And that's precisely what the changes are aimed at, increasing security, improving system efficiency, and conserving Air Force resources.

Since the 445th is a tenant unit, it falls under the network guidance and policies set forth by AFMC. "Most of the changes come from way above us, so we just go with the flow," said Tech. Sgt. Dan Lewis, the network systems administrator.

The most recent change was the migration from Exchange 5.5 to Exchange 2003 which impacted everyone in the 445th. "Exchange 2003 has better security and some enhanced web mail abilities," said Sergeant Lewis. One of these enhanced features is the ability to logon to web mail from home, using a Common Access Card. The home logon won't occur until later this year, after the decision is made on how CAC readers will be distributed to users.

"Unfortunately, that opens a whole other can of worms because we can't remote control a user's home computer. If they call in for support, we don't know what kind of programs they're running, or if



The Common Access Card is now required to logon a government computer. (Air Force photo illustration)



Avery Turner, 445th client support administrator, views a computer screen with the new Standard Desktop Configuration. The configuration will be used throughout the Air Force. (Air Force photo/Mary Allen)

there's a possibility the computer has a virus," Sergeant Lewis explained. "Of course that's a bridge we'll cross when we come to it."

Another change that's expected to begin implementation October 1 is the use of a Standard Desktop Configuration throughout the Air Force. "It reduces the cost of maintaining the systems, so it conserves resources for the Air Force. It's also a lot easier to provide support if everyone's system is exactly the same," said Sergeant Lewis.

The program management team responsible for the implementation worked very closely with Microsoft to design a secure system, another benefit to the change. The XP operating system for the standard desktop will come with security enhancements that current systems don't have.

But working in the communications flight is not all binary numbers and C++. Much of their job is customer service.

"We've had probably a 30 percent increase in calls due to all the changes that have happened this year," said Sergeant Lewis. That averages to around 15 calls per day, most often the calls take more than a half hour. With only two full-time personnel in the 445th Network Management Center, it easily amounts to a days work. "That's just here at the NMC, the client support administrators [of which there are four in the wing] probably receive just as many calls each day," Sergeant Lewis said.

"Every now and then we get upset people who are tough to deal with, but for the most part people usually understand," said Sergeant Lewis. With no end in sight to the repeated changes, the communications flight will be challenged to keep their customers happy. "We just try to provide the best support we can."




Newcomers


Welcome to the following reservists, recently assigned to the 445th AW:


Maj Rachel Sherwood, 445 CES
 MSgt Michael Haggitt, 445 AMXS
 MSgt Alicia Lavender, 445 MXS
 TSgt Eugene Coons, 445 CES
 TSgt David Ellis, 445 LRS
 TSgt Kathleen Greenwood, 445 AMXS
 TSgt Shad Lavender, 445 AMXS
 TSgt Anthony Pinkovsky, 445 AMXS
 TSgt James Vineyard, 445 MXS
 TSgt Eric Weidner, 445 LRS
 TSgt Gregg Wyatt, 445 AMXS
 SSgt Herman Friling, 87 APS
 SSgt Hershel Lemaster, 445 LRS
 SSgt Darrell Mellars, 445 AMXS
 SrA Brandon Bedwell, 445 AMDS
 SrA Rachel Bieniecki, 445 OSS
 SrA Melissa King, 445 AMDS
 SrA William Miller, 445 AES
 SrA Donte Stafford, 445 CES
 A1C Mouk Chounlamany, 445 SFS
 A1C Joshua McConnell, 445 SFS
 Amn Victoria Napoles, 445 AMDS
 AB Brianne Fowle, 445 AES

Promotions

Congratulations to the following reservists recently promoted to the rank indicated.

 **Airman**
 Nicholas Barth, 445 MOS
 Hugh Gibbs, 445 CES
 Daniel Smith, 445 MXS
 Cordell Washington, 445 CES

 **Senior Airman**
 Patrick Smith, 87 APS
 Jeremy Conley, 445 AMXS
 Jason Garrett, 445 MXS
 Jeffrey Stamper, 445 AES
 Rachelle Lovie, 445 SFS
 Joshua McConnell, 445 SFS
 Lawrence Newman, 445 CES

 **Staff Sergeant**
 Wesley Baldwin, 445 MXS
 Jaclyn Chappell, 445 MXS
 Terra Couzens, 445 ASTS
 Tiffany Green, 445 MSF

Duncan McDannold, 87 APS
 Sarah McKown, 445 ASTS
 Jennifer Mohler, 445 ASTS
 Marcus Prigg, 445 MSF
 Gregory Sparks, 445 MXS
 Julianna Thompson, 445 MOS



Technical Sergeant
 Samson Baker, 445 ASTS
 Tracy Boorum, 445 SVF
 Diane Carpenter, 445 ASTS
 Brian Childers, 87 APS
 Tina Durkin, 445 MOS
 Charles Dyer, 445 AMXS
 Pamela Honeycutt, 89 AS
 Clair McDonald, 445 MOS
 Heidi Mercer, 445 AES



Master Sergeant
 Mary Anderson, 445 MXS
 Charles Fritz, 89 AS
 Victoria Errett, 89 AS
 Roberto Garcia Jr., 89 AS
 Gary Hanby, 445 OSS
 Allen Ligon, 445 ASTS
 Mark Lockhart, 445 MXS
 Robert Mack, 89 AS
 Scott McCoy, 445 MXS
 James Partlow, 445 MXS
 Avery Turner, 445 AW
 Larry Unger, 89 AS
 Michael Yeager, 445 MXS



Senior Master Sergeant
 Albert Smith, 445 MXS



Chief Master Sergeant
 John Gram, 445 MOS



Lieutenant Colonel
 Michael Bending, 89 AS
 Mary Caldwell, 445 ASTS
 Peter DeRussy, 445 ASTS
 Kenneth Herstine, 445 MSF
 Raymond Mick, 445 ASTS
 Linda Stokescrowe, 445 ASTS
 Stephanie Wright, 445 ASTS

Awards

Congratulations to the following 445th AW members who recently earned awards.

Meritorious Service Medal
 Col Richard Hyland, 445 OSS
 Lt Col Jeffrey Grunow, 445 AES

CMSgt John Bankowitz, 445 LRS
 CMSgt Ray Combs, 445 AMXS
 SMSgt Cynthia Walter, 445 AES
 MSgt Paul Walton, 445 SVF
 TSgt Samuel Mitchell, 445 MXS

Air Force Commendation Medal

MSgt Robert Haye, 87 APS
 TSgt Keith Long, 445 MXS
 TSgt Tonia Vincent, 445 ASTS
 TSgt Jeffery West, 445 MXS
 SSgt Litittia Boye, 445 ASTS

Air Force Achievement Medal

Capt James Lawrence, 445 ASTS

Two squadrons earn medical awards

The 445th Aeromedical Evacuation and Aerospace Medicine Squadrons and four wing members have won prestigious awards from the Association of Military Surgeons of the United States.

Both squadrons won overall excellence awards while Maj. Todd Mulhorn, Senior Master Sgt. Brian Fowle and Master Sgt. Joseph Kotsko of the 445th AES and Chief Master Sgt. William Millar of the 445th AMDS took home individual excellence awards.

"The 445th AES accomplished an unprecedented 15,000 active duty days in 2005 supporting operations world-wide," said Col. Allen Gilbar, commander of the squadron. "The hard part of the nomination processes is not what to put in the nomination but what accomplishment we had to leave out due to a limited nomination length."

Col. (Dr.) John Ellis, 445th AMDS commander had similar feelings about reservists in his unit. "One hundred percent of the award was achieved by the members of the squadron, not by me," said the colonel. "It shows support of our members and how they work together as a team to accomplish our goals."

News Briefs

Commander's Call scheduled for Nov. UTA

The 445th Airlift Wing's Commander's Call is scheduled Sunday, Nov. 5 at 7:30 a.m. in the base theater. See you there.

October uniform changes

For senior noncommissioned officers, Oct. 1 is the implementation date for the deletion of shoulder boards from the blue uniform and from all upper garments, except the optional wool sweaters. For more information examine the Aug. 2, 2006, version of AFI 36-2903 (Dress and Personal Appearance of Air Force Personnel) at <http://www.e-publishing.af.mil/pubfiles/af/36/afi36-2903/afi36-2903.pdf>

On target, again

For the sixth year in a row, the Air Force Reserve Command has exceeded its recruiting goal. AFRC Recruiting Service surpassed its goal for the 2006 recruiting year Aug. 31 when it accessed its 8,001st recruit. Col. Francis Mungavin, AFRC Recruiting Service commander said success came from hard work, outstanding recruiter training programs, and marketing strategies.

Silent Tribute

Eighty-six pairs of boots surround the semi-circle flag pole area at the 445th headquarters building Sept 15 to commemorate National POW/MIA Recognition Day. Each pair of boots represents 86 Ohioans still unaccounted for from the Vietnam era. The 87th pair of desert boots in the middle of the circle represents Pfc. Matt Maupin who is still missing from Operation Iraqi Freedom. On the right boot is the rank and name and on the left is the hometown in Ohio. Each pair of boots is tied together and adorned with a small American flag and POW/MIA flag crossed and tied with a small yellow ribbon. (Air Force photos/Maj. Ted Theopolos)



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