

Buckeye Flyer

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SEWING PART OF SURVIVAL PAGE 3



Godly Comfort

By Chaplain (Capt.) Jim Fisher
445th Airlift Wing Chaplain

Since this is the November newsletter, I suspect that you may expect me to wax eloquently concerning the Thanksgiving holiday. I confess that I love the holiday and all of its memories, but I would like to share something else for which I give thanks, something that was not planned, was not expected, and certainly, is not printed on an annual calendar. The subject of my thanks? Illness.

Yes, I wrote the word "illness." Several weeks ago, in the midst of regularly jogging, I was overcome by an unusual sense of laboring. Believe me, I am no sprinter, but I was having a terrible time.

Unlike most men, I went to the doctor. As I expected, he thought it might be a virus. I did too. But after another week of feeling really bad with temperature fluctuations, irregular heart beat, fatigue, etc., I went back to the doctor. Blood work confirmed that my thyroid was over-active, termed "hyper-active thyroid," and it is believed to be caused by a virus.

I am making progress and trust God for my health, my life, and my eternity. With that expected statement, you may wonder why I would be thankful for such a time. Simply put, God is teaching me much. I am learning to be a more compassionate, patient, understanding Christian and pastor. These are things that cannot be taught in Bible College or seminary.

2 Corinthians 1:3-7 reminds us that God provides in the midst of tribulation because He is the "Father of mercies and God of all comfort" (v.3). Such times allow me to minister to others with the same kind of Godly comfort (v. 2).

As I seek to be a faithful follower of Jesus, I cannot complain about difficulties. We must remember that we are perpetual students of life and should embrace such opportunities as deep times of learning God's wisdom. When difficulties arise for us, we are not alone.

Good to go for the ORI

By Col. John Ellis/445th Aerospace
Medicine Squadron Commander

Operation Readiness Inspection, "ORI", are three letters that give Air Force Inspection Agency, AFIA, inspectors warm fuzzy feelings, and make many of the rest of us long for retirement. But to paraphrase Brig. Gen. Bruce Davis, ...the ORI is our number one priority for the next 14 months.



Colonel John Ellis

Aerospace Medicine Squadron, AMDS, has the responsibility of making sure every wing member is medically and dentally qualified to do our mission ("good to go"), or if not qualified, then correctly "Profiled". A "Profile" is the Air Force method of documenting a member's physical or dental "deficiency" which could impair his or her ability to perform the mission.

As a member passes through a mobility line, either in an ORI, or in a "real world" deployment, each member completes a medical questionnaire, and their deployable medical record is reviewed. Any member found "not medically qualified" to deploy must be pulled out of the deployment line and his squadron must urgently find a qualified replacement (or the plane leaves and no one is there to do that members job - which adversely impacts our ability to accomplish the mission). In an ORI, our wing

"score" gets downgraded for every member found to be incorrectly profiled, and even more so for each member "pulled out" of the mobility line.

That is why it is extremely important for YOU to keep the Med Squadron up to date on ANY change in your physical or dental condition. "Hiding things" (not reporting a change in your physical/dental condition) NEVER does you any good, and ALWAYS adversely impacts our wing. AFI 48-123 V2, Attachment 2, lists all the diagnoses (defects) which you could have "wrong with you" which are "disqualifying" and require a waiver from AFRC in order to continue military duties. Nearly ALL of these diagnoses are "waiverable" (you can continue in the military - with AFRC's permission- although sometimes with duty restrictions). "Turn-around time" on a waiver request is usually short, 1-2 weeks, once you give us the relevant medical information from your treating physician.

Another key part of being "good to go" is being "up to date" on your vaccinations. AFRC requires that all AFRC members be vaccinated with the Influenza vaccine - every year. The AMDS will be giving flu shots on all UTAs over the next couple months. Please get your flu shot as soon as possible.

I am sure we will use this ORI as an opportunity to show "the world", that our OUTSTANDING PEOPLE are what makes the 445th an OUTSTANDING WING.

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

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SEWING PART OF SURVIVAL

By Maj. Ted Theopolos
445th Public Affairs



Tech. Sgt. Mahrae Meek, 445th Maintenance Squadron, works at a sewing machine repairing a canvas bag in the Survival Equipment shop. Sewing is only one part of their job; they make decals, and inspect C-5 rafts and slides as well. (U.S. Air Force photo/Tech. Sgt. Charlie Miller)

On the cover:

Master Sgt. Kevin Dawson, 445th Maintenance Squadron, stands behind an embroidering machine at the Survival Equipment shop. The computerized machine takes an image and puts dots on the design and sews according to the design and color of thread. (U.S. Air Force photo/Tech. Sgt. Charlie Miller)

Behind mirrored windows in building 4035 is something special. Packed with unique equipment and computerized machinery is the Survival Equipment shop. They do much more than maintain survival equipment, they create things.

"We've made mobility folders for the whole wing and also made them for Wright-Patterson Hospital," Master Sgt. Kevin Dawson, survival equipment technician said. "They're a pretty popular item on base."

The shop has four full-time employees and six reservists assigned. With the size of the wing along with the C-5 aircraft the shop keeps pretty busy.

One unique item in the shop is an embroidering machine which they use to stitch designs from scratch on cloth or canvas. "The

machine is computerized to take an image such as a JPEG file and puts dots or points on the design and sews according to the design and color of thread you've chosen," Sergeant Dawson said.

First we make a stencil board of the pattern and lay it over the material we're going to use then we cut and sew it together, the sergeant said. "We also sew velcro and ranks on flight suits and make repairs."

Sewing is only one part of their duties. Another is making sure slides, rafts and canvas bags and covers on the C-5 are in good condition.

There are four 25 man rafts and five slides on each C-5. All have to be inspected and in good working order. The 40 foot slides have to be inflated within 11 seconds, meaning they have high pressure valves and hoses that must be checked for leaks. The slides are packed in containers similar to a suitcase, which is no easy task, and placed on the planes in specific locations.

"We also do decals," Master Sgt. Ed Engel said standing in front of another machine that prints large logos. "We put the 'Let's Roll' emblem on one of the C-141s we used to have." That particular aircraft is at Scott AFB, Ill., where it is scheduled to be a permanent static display for AMC.

Sergeant Engel, also a survival equipment technician, is working on another logo to possibly use on one of the C-5 aircraft that are arriving. Showing image designs on the computer he's working on, he had to seek permission to use one of the characters in them.

"We've gotten permission from The Ohio State University to use Brutus on one of our aircraft," Sergeant Engle said. The sergeant has several designs that include Brutus and would like to see it on the side of one of the C-5s if the approval process goes through.

Although you can't see through the mirrored windows, be assured there's a lot of sewing, inspecting and designing going on.

Break in Service

Two members return to service after more than 16 years

By Tech. Sgt. Charlie Miller
445th Public Affairs

"You gotta be kidding me," and "Wow!" are the most common reactions that Tech. Sgt. Larry Moorman, 87th Aerial Port Squadron and Staff Sgt. Russell Atkinson, 445th Maintenance Squadron get from wing members, friends and family when they tell them of their long breaks in service.

Sergeant Moorman had a 17 year break in service, Sergeant Atkinson 16.

"I never dreamed I'd come back to the military, but here I am," Sergeant Moorman said. "When I started the process to get back in, I kept asking myself if I had the ability to continue a military career, could I still contribute."

From 1975 to 1984 Sergeant Moorman was part of the Ohio Air National Guard, Springfield, Ohio. He joined the 445th Airlift Wing's 87th Aerial Port Squadron in June 2001.

Sergeant Moorman left the ANG due to having three young children at home and his wife, a nurse, working weekends. Drill weekends and annual training became eventful. The sergeant waited until two of his children were in college and the youngest was in high school before swearing in again.

"One of my first real adult decisions in life was to go into the military. As I looked at getting back in, I saw something a teenager had started and wondered if there

was a path to complete the journey as an adult."

"I kept hearing people encouraging me to continue. 'It's worth finishing,' 'You'll be glad you did,' 'If I can help you get back in, let me know.' A number of people inspired me to continue what I began."

Former 445th recruiter Master Sgt. Dan Varga worked with diligence to return the sergeant to military service.

It all culminated in then

"I wanted to work on planes my whole life. It's like a childhood dream to be able to work on planes, to be around them." – Staff Sgt. Russell Atkinson

445th wing commander Brig. Gen. (retired) Paul Cooper's office with Sgt. Moorman being sworn in by Maj. Gen. (retired) Ed Mechenbier, who the sergeant had known from his days at the ANG.

Staff Sgt. Russell Atkinson left the active duty Marine Corps in 1984 after serving four years and joined the 445th Maintenance Squadron in 2000. The sergeant had a friend who was coming to the 445th to see a recruiter and get a tour of the wing facilities.

"Once I toured the C-141, it was all over," Sergeant Atkinson said. "I wanted to work on planes my whole life. It's like a childhood dream to be able to work on planes, to be around them."

Sergeant Atkinson took the tour with fellow maintainer

Staff Sgt. Steve Kaffenbarger. "We spent the entire day here and said 'Man, I really miss it, being in the military.'"

The wing's flying mission change to C-5s suits Sergeant Atkinson just fine.

"Now it's the C-5 and that's even better; the bigger the better. It's like 'Wow' when you get out there and climb in," Sergeant Atkinson said.

Just how does one transition from the Marine Corps to the Air Force Reserve? Well, to hear Sergeant Atkinson tell the story, he never intended to be a Marine to begin with.

"The Corps are great and I'm glad I served but I was actually at the Air Force recruiter's office in

Piqua for an appointment and he'd left me a note about why he wasn't there. Well, I was upset and the Marine recruiter got me in his office and I signed up," Sergeant Atkinson said.

After joining the 445th, Sergeant Atkinson talked to his instructor at Air Force hydraulics school about going active duty but with his being close to 40 years old, engaged and having a 19-year civilian career he stayed with the reserve.

"I believe that had I gone in the Air Force in 1980 I'd have made it a career," Sergeant Atkinson said.

"This is a great unit with a proud history and I'm happy to part of it," Sergeant Atkinson concluded.





Firefighter Senior Airman Glen Beddies, Jr., 445th Civil Engineer Squadron, puts on his mask before entering a dense smoke filled building during a training exercise. (U.S. Air Force photo/Tech. Sgt. Charlie Miller)

Saving lives is risky business

By Maj. Ted Theopolos
445th Public Affairs

According to the National Fire Protection Association (NFPA) there are three main goals in firefighting; life safety, incident stabilization and property conservation. That was the objective for seven 445th Civil Engineer Squadron firefighters answering a call to a structure fire during a training scenario.

Upon arrival at the simulated structure fire, Senior Airman Glen Beddies and six other firefighters donned their firefighting gear. The gear included their Self Contained Breathing Apparatus that delivers air to the firefighter through a full face mask and protects against smoke inhalation, toxic fumes, and super heated gasses.

Firefighters are practicing because they will be graded on their response to fire and rescue procedures for an upcoming ORI.

"We have 12 drill weekends left before the ORI and we have a lot of practicing to do," Chief Master Sgt. Willie Hooper, deputy fire chief for the 445th Airlift Wing said.

The same thought was echoed by Master Sgt. Mark Young, the field supervisor for the exercise. Because this is an ORI readiness exercise, we want to get the technique down, he said.

Before going in the smoked filled building to search for and rescue occupants, members buddy-up into two-man teams. Most fire departments follow the "two-in, two out" rule for safety. This prevents a single rescuer from becoming lost.

The primary goal of preserving life is removing victims quickly from the hazardous area then triage and first aid are performed. The NFPA states that 50 to 80 percent of fire deaths are the result of smoke inhalation rather than burns.

"The training tower had all the windows closed and the smoke machines made the building fill with smoke," said Airman Beddies. "There were two evolutions with two victims inside, dummies weighing from 120 to 150 pounds, which had to be taken out to safety."

Teams included rescue teams and hose teams. "Each team had their individual jobs to perform," said Airman Beddies.

The Airman is not a stranger to fire rescue, he has been a firefighter for West Carrollton Fire Department for the past four years and a 445th firefighter for three years.

Air Force leaders discuss new 'Cyber Command'

By Staff Sgt. C. Todd Lopez / Air Force Print News

Air Force leaders are gathering in early November to discuss plans for creation of a new command, one chartered with flying and fighting in cyber space.

Cyberspace became an official Air Force domain, like air and space, on Dec. 7, 2005, when Secretary of the Air Force Michael W. Wynne and Chief of Staff of the Air Force Gen. T. Michael Moseley introduced a new mission statement.



In a letter to Airmen, they said the new mission was to “deliver sovereign options for the defense of the United States of America and its global interests — to fly and fight in air, space and cyberspace.”

Now, Air Force leaders are planning to stand up a new “cyber command,” to be responsible for fighting in that domain, said General Moseley.

“To deliver the full spectrum of effects we will evolve a coherent enterprise, with warfighting ethos, ready to execute any mission in peace, crisis and war,” the general said. “We will foster a force of 21st century warriors, capable of delivering the full spectrum of kinetic and non-kinetic, lethal and non-lethal effects across all three domains. This is why we are standing up an operational command for cyberspace, capable of functioning as a supported or supporting component of the joint force.”

Air Force leaders begin planning for the new cyber command Nov. 16 at the Cyber Summit. During the summit, Air Force leaders will chart a way ahead for the Air Force’s role in cyberspace, also called the cyber domain, said Dr. Lani Kass, director of the Air Force Cyberspace Task Force.

According to Dr. Kass, cyberspace is neither a mission nor an operation. Instead, cyberspace is a strategic, operational and tactical warfighting domain — a place in which the Air Force or other services can fight. “The domain is defined by the electromagnetic spectrum,” Dr. Kass said.

Failure to control and dominate the cyber domain could be catastrophic, both at home and on the battlefield, Dr. Kass said. An enemy who wanted to inflict damage on the United States could use the cyber domain to penetrate any number of online

systems. Once they have gained access, they might be able to delete or manipulate information to create an effect.

The attacks of 9/11 illustrate another kind of effect that can be inflicted through the use of the cyber domain. The terrorists responsible for the attacks used global positioning system receivers to guide planes into the towers in New York. They trained on aircraft simulators, they used the Internet to recruit participants, and they transferred money to fund their activities electronically.

In Iraq today, America’s enemies are using the cyber domain and improvised explosive devices to inflict damage on American Soldiers, Marines, Sailors and Airmen.

The Air Force is still working on what exactly it means to fight in the cyber domain. While the Air Force knows some of what it wants to accomplish — things similar to what it is doing already in air and space, for instance — there remain challenges to working in the new domain.

“One of the most important things we do, in and for cyberspace, is enable the kill chain,” Dr. Kass said. “It allows us to help find, fix and finish the targets we are after. The problem is finding the target. Most of the enemies are hiding in plain sight.”

Being able to discern what is a friendly signal and what is an enemy signal is one of the challenges the Air Force faces as it moves into the cyber domain. While the Air Force works on that challenge, it is also working to define which Airmen will be the ones to conduct cyber operations and what kind of training they will need.

“One of the issues we are going to be discussing is who is the cyberwarrior,” Dr. Kass said. “What will he or she need to be able to do? What kind of educational skills, what kind of technical skills, what kind of training, and what kind of career path do we need to offer to those kids who are coming into our Air Force and wanting to fly and fight not only in air and space, but also in cyberspace.”

Dr. Kass said the Air Force doesn’t believe it will have trouble finding Airmen to fill the role of cyberwarrior, however.

“Kids today live on the Internet, they establish an alternative reality there,” she said. “Getting those kids interested in doing something amazing in our Air Force across the electromagnetic spectrum should be easy. This is new and exciting — where people who love to interact in the high-tech arena, for example, can generate significant effects for the defense of the United States.”

Newcomers

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

Maj David Mohr, 87 APS
 Capt Mrya Devold, 445 AMDS
 TSgt Richard Anctil, 445 CES
 TSgt Gregory Bevil, 445 AES
 TSgt John Stevens, 445 AMXS
 SSgt Tracy Boorom, 445 SVF
 SSgt Joshus Caulley, 445 MXS
 SSgt Joshua Craft, 445 MXS
 SSgt Herodina Lu, 445 AMDS
 SSgt Benjamin Miller, 445 MXS
 SSgt Gregory Shepherd, 445 SFS
 SrA Derek Henden, 445 CF
 SrA Lynette Houston-Bettis, 445 AES
 SrA Sara Morgan, 445 ASTS
 SrA Timothy Stout, 445 SFS
 SrA Stephanie Macek, 445 AMDS
 A1C Lawrence Newman, 445 CES
 A1C Bradley Scheidt, 445 SFS
 A1C Marcia Shah, 445 SVF
 A1C Starlain Thompson, 87 APS
 AB Hugh Gibbs, 445 CES

Promotions

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

 **Airman**
 Tony Crawford II, 445 AMXS

 **Airman First Class**
 Brianne Fowle, 445 AES
 Victoria Napoles, 445 AMDS

 **Senior Airman**
 Maggie Alexander, 445 ASTS
 Robert Hampton, 87 APS
 Daren Yingling, Jr., 445 ASTS

 **Staff Sergeant**
 Sean Donelan, 445 AW

 **Technical Sergeant**
 Nicholas Adams, 445 AES

 **Master Sergeant**
 Daniel Lewis, 445 CF

 **Major**
 Norman Shaw, Jr., 89 AS

Awards

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

Meritorious Service Medal
 Lt Col Valorie Jarreau, 445 AES
 Lt Col Thomas Kuepper, 445 CES
 Maj Christine Bumgardner, 445 ASTS
 CMSgt John Bankowitz, 445 LRS
 SMSgt Jerry Bowles, 445 MXS
 MSgt Harold Miller III, 445 MXS
 MSgt Thomas O'Neal, 445 MXS
 MSgt Paul Walton, 445 SVF

Air Force Commendation Medal
 Maj Melissa Triche, 445 AMDS
 MSgt Andrew Vanert, 445 MXS
 TSgt Kevin Beck, 445 MXS
 TSgt Wayne Beers, 445 AMXS
 TSgt Keith Bollard, 445 MXS
 TSgt Robert Booth, Jr., 445 MXS
 TSgt James Brown, 445 AMXS
 TSgt Timothy Davis, 445 AMXS
 TSgt Richard Gerhardt, 445 MXS
 TSgt Dennis Hartwick, 445 MXS
 TSgt Todd Hayes, 445 MXS
 TSgt Michael Heaton, 445 MXS
 TSgt Dennis Kees, 445 MXS
 TSgt Gregory Kern, 445 MXS
 TSgt Michael Lane, 445 MXS
 TSgt Scott McCoy, 445 MXS
 TSgt Mark Monnig, 445 MXS
 TSgt Lon Music, 445 AMXS
 TSgt Jerry Newell, 445 MXS
 TSgt Gregg Palmer, 445 MXS
 TSgt Kerry Penner, 445 MXS
 TSgt Richard Ratliff, 445 MXS
 TSgt Harold Rogers, 445 MXS
 TSgt Luke Schroeder, 445 MXS
 TSgt James Siders, 445 AMXS
 TSgt Jude Soriano, 445 MXS
 TSgt Angela Stein, 445 MXS
 TSgt Joseph Szopo, 445 MXS
 TSgt Josef Taylor, 445 MXS
 TSgt Matthew Thomas, 445 MXS
 TSgt Stacy Tompkins, 445 MXS
 TSgt Todd Walsh, 445 MXS
 SSgt Anthony Brookhart, 445 MXS
 SSgt Aaron Bullucks, 445 MXS
 SSgt William Burdick, 445 MXS
 SSgt Gregory Cyrus, 445 MXS
 SSgt Jeremy First, 445 MXS
 SSgt Toron Franklin, 445 MXS
 SSgt Quinton Johnson, 445 MXS

SSgt Claire McDonald, 445 MSF
 SSgt Matthew Mitchell, 445 MXS
 SSgt Thomas Reed, 445 MXS
 SSgt Steven Todd, 445 MXS
 SSgt Lauro Valles, Jr., 445 MXS
 SrA Christopher Braun, 445 MXS
 SrA Thomas Penner, 445 MXS
 SrA Gregory Sparks, 445 MXS



Fireworks light the sky at memorial dedication

Fireworks light up the Air Force Memorial Oct. 13 at Arlington, Va., on the eve of its official dedication ceremony.

President George W. Bush joins senior Defense Department and Air Force officials in a ceremony presenting the memorial to the nation. Designed by the late James Ingo Freed, the memorial with its three soaring spires inspired by the U.S. Air Force Thunderbirds bomb burst maneuver pays tribute to and honors the men and women of the U.S. Air Force and its predecessor organizations. See full story at www.af.mil/news/story.asp?id=123029178. (U.S. Air Force photo/Tech. Sgt. Rebecca F. Corey)

News Briefs

Helping those in need

If you know of a family in need during this holiday season, contact your first sergeant about Thanksgiving baskets or adopt a family for Christmas. For more information on these holiday programs contact your first sergeant.



Changes to promotion board

Air Force Reserve Command is considering significant changes to the Lieutenant Colonel promotion board. Changes will be explained after Commander's Call, Nov. 5, at 7:30 in the base theater.



Certificate for CBRNE class

Starting in November all personnel are required to bring a copy of their EOR Certificate with them to CBRNE Class. Personnel that do not have a copy of their certificate will be returned to their unit and not allowed to complete the CBRNE Class.



Off to a good start

Wing recruiters hold mass enlistment ceremony

By Maj. Ted Theopolos
445th Public Affairs

The Air Force Reserve Command met and exceeded their recruiting goal for 2006, but that news didn't slow down the recruiters for the 445th Airlift Wing.

Wing recruiters had a mass enlistment ceremony at the National Museum of the U.S. Air Force Oct. 14. A total of 35 enlistees were sworn in by Brig. Gen. Bruce Davis, 445 AW commander in the Carney Auditorium inside the museum. Of those swearing in 12 were new recruits to begin the 2007 recruiting year.

Tech. Sgt. Brian Burgin, 445th recruiter, was the master of ceremonies welcoming recruits, their families and friends to the event. The sergeant soon turned the event over to General Davis to give the oath to become a member of the Air Force Reserve.

After giving the oath to the recruits, General Davis made a few remarks on their upcoming career.

"It's a tough business we're in," the general said. "I think you'll really like it. You're all potential chief master sergeants."

After the general's remarks he made his way around the crowded stage to shake each individual's hand and thanked them for joining the 445th.

The wing recruiters made their goal last year which was no easy task for them or for any recruiter



445th Commander Brig. Gen. Bruce Davis shakes hands and thanks each new member for joining the wing during a mass enlistment ceremony at the National Museum of the U.S. Air Force. (Air Force photo/Master Sgt. Doug Moore)

according to Col. Francis Mungavin, AFRC Recruiting Service commander. The colonel said success came from hard work, outstanding recruiter training programs, a fair and equitable career management program, attainable recruiting goals, and targeted marketing strategies.

"I can't thank our recruiters enough for all their hard work," Colonel Mungavin said. "They have internalized the Air Force Core Values. They are true professionals all the way."

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