



EL TIGRE NEWS



JUNE 2009

SERVING THE 162ND FIGHTER WING AND TUCSON AIR NATIONAL GUARD COMMUNITY SINCE 1959

Vol. 52, No. 6



Photo by Maj. Christine Rhodes

Med Group provides humanitarian assistance to Jamaica

Lt. Col. (Dr.) Mark Emshwiller, a 162nd Fighter Wing dentist, inspects the teeth of two Jamaican school children to identify cavities and offer referrals. More than 3,700 Jamaicans were given free medical, eye and dental care April 11-26 when 35 wing members invested two weeks as part of United States Southern Command's "Beyond the Horizon" humanitarian assistance exercise. While at one school, Dr. Emshwiller saw 108 children in two hours.

See story on Page 8

101

Critical Days of
Summer
in Arizona

2

STOP FOD!



6

El Tigre: 'Fall 2009' Due out October 1





Stay safe in AZ during these 101 Critical Days

by Col. Greg Stroud
Commander

From Memorial Day through Labor Day, we find ourselves within the 101 critical days of summer, the time of year when statistics show an increased risk of off-duty accidents, injuries and fatalities.

It's a great time of year to enjoy the outdoors and warm weather but I encourage everyone to keep safety in mind when planning activities. Proper risk management planning will allow us all to keep ourselves, our loved ones and our friends out of harm's way.

Here in Tucson we have to take special precautions due to the coming monsoon season. Although monsoons are generally associated with slightly cooler temperatures and rainfall, excessive heat is still by far the number-one, weather-related killer in Arizona. Unfortunately, many heat-related deaths occur during the monsoon as our typical summertime heat is combined with increased humidity.

Drink plenty of water. It is very easy to become dehydrated in our desert climate without realizing it. Avoid alcoholic or caffeinated beverages. Both increase stress on the body and actually accelerate dehydration.

Wear light, loose-fitting clothing, and monitor how much time you spend in the sun.

Shift strenuous outdoor activities



Colonel Stroud

to cooler parts of the day, especially during the early morning.

Check on elderly friends, neighbors and family often. Elders are generally more susceptible to heat-related illness.

If you, or someone you're with, begin to feel tired and flushed and begin to sweat excessively, you may be suffering from heat exhaustion. Stop any strenuous activities immediately, drink more water, and find a cool place to rest.

If someone becomes disoriented, stops sweating, has hot dry skin, or even worse, passes out, that person is probably experiencing heat stroke - a serious medical condition. Call 911 immediately! If possible, move them to a cooler location.

Flash floods are common in Arizona. There are thousands of low water crossings and dips which flood every summer. Know where

they are, and avoid them during heavy rains. Never drive into a flooded roadway. The water depth is very easy to misjudge, and the road itself may be damaged or destroyed underneath. It only takes about 1 to 2 feet of water to float most vehicles, including SUVs.

Also, beware of distant thunderstorms, especially if they're over mountains. Flash flooding can occur many miles away from the thunderstorm as the runoff flows into the valleys and deserts.

If you hear thunder, you are close enough to a storm to be struck by lightning. Go to a safe place immediately! The safest locations are sturdy buildings and hard-topped vehicles. Wait there until 30 minutes after the last rumble of thunder is heard.

Finally, it is a good idea to have a safety kit ready in your home. This is true any time of year, but is especially true during the monsoon when severe weather is most likely.

Your kit should include a flashlight and extra batteries, a radio, extra food and water (3 gallons of water per person in your home), a first-aid kit, canned food and a hand can opener, extra clothing and bedding, an extra set of car keys, credit card or cash and special items like diapers, baby formula, prescription and essential medications.

This year, remember that safety is a personal responsibility. It is up to you to take responsibility for the safety of your family, your friends and yourself.

EL TIGRE NEWS

This funded Air Force newspaper is an authorized publication for members of the U.S. military services. Contents of El Tigre News are not necessarily the official views of, or endorsed by, the U.S. Government, the Department of Defense or the Department of the Air Force. The editorial content is edited, prepared and provided by the Public Affairs office of the 162nd Fighter Wing, Tucson International Airport, Arizona. All photos are Air National Guard photographs unless otherwise indicated.

162nd Fighter Wing Public Affairs
1650 E Perimeter Way, Tucson, AZ 85706
(520) 295-6192, 162fw.pa@aztucs.ang.af.mil

162ND FW EDITORIAL STAFF

Commander..... Col. Gregory N. Stroud
Chief of Public Affairs..... Capt. Gabe Johnson
Deputy Public Affairs Chief..... Capt. Dan Dodson
Public Affairs Officer..... 2nd Lt. Angela Walz
NCOIC..... Tech. Sgt. Desiree Twombly
Staff Writer Staff Sgt. Jordan Jones
Photographer Master Sgt. David Neve
Photographer Staff Sgt. Sarah Elliott



Janice K. Brewer
GOVERNOR

AZAA-ZA

STATE OF ARIZONA
DEPARTMENT OF EMERGENCY AND MILITARY AFFAIRS

5636 East McDowell Road
Phoenix, Arizona 85008-3495
(602) 267-2700 DSN: 853-2700



MG Hugo E. Salazar
THE ADJUTANT GENERAL

20 April 09

MEMORANDUM FOR SEE DISTRIBUTION

SUBJECT: Policy regarding travel to Mexico

1. **APPLICABILITY.** This policy applies to all full-time uniformed military personnel of the Arizona National Guard. This policy expires one year from the date of publication if not sooner rescinded.

2. **POLICY.**

Due to the increasing rate of crime in Mexico, I have directed a higher level of scrutiny for any non-official travel by military personnel to Mexico. Military personnel referenced above must possess a valid leave/pass form, as determined by their respective services or technician statuses, specifically authorizing non-official travel in Mexico. I have limited the authority to recommend approval for non-official travel to or through Mexican areas bordering the United States to the first O5 or GS13 in the chain of command/authority. The senior leaders of other Arizona National Guard units may request delegation of approval authority from their respective Assistant Adjutants General.

3. **PROCEDURES.**

a. All military personnel traveling to Mexico (pass or leave) must have an Anti-Terrorism/ Force Protection (AT/FP) briefing prior to each visit to Mexico (web based training is permissible). For an approved version of that training, refer to:

<https://gkoportal.ngb.army.mil/sites/AZ/Joint/J3/Shared%20Documents/Mexico%20Country%20Briefing%20MAR%202009.ppt>

As the situation in Mexico is constantly changing, exceptions to this policy will not be granted.

b. The wear of any portion of a United States military uniform during travel to, while in, or exiting Mexico is prohibited.

4. This policy can be punitive in nature. Uniformed personnel who violate or fail to obey this policy may subject themselves to administrative or disciplinary action under the Arizona Code of Military Justice.

5. Family members, Civilians, and civilian contractors, although not restricted by this order, are strongly urged not to travel to the affected border areas until further notice.

6. Commanders and directors will ensure widest possible dissemination of this policy letter and post it on all official boards.

HUGO E. SALAZAR
MG, AZ ARNG
The Adjutant General



Arizona, Kazakhstan firefighters collaborate to save lives



Photo by Capt. Gabe Johnson

Fire and emergency management officers from Kazakhstan watch Arizona Air National Guard firefighters perform an F-16 pilot extraction exercise on the 162nd Fighter Wing flightline at Tucson International Airport, May 4. The demonstration showed the Kazakhs one of several firefighting capabilities during the group’s week-long tour of Southern Arizona fire departments as part of the State Partnership Program.

by Capt. Gabe Johnson
Public Affairs

Firefighters from Central Asia and Southern Arizona joined forces here May 4-8 to trade ideas about equipment, training and networking to improve life-saving emergency operations.

The 162nd Fighter Wing at Tucson International Airport hosted seven emergency management officers from the Republic of Kazakhstan for a well-rounded look at Tucson’s diverse fire and rescue missions.

Since 1994, the Arizona National

Guard has partnered with the former Soviet state via the National Guard Bureau’s State Partnership Program – exchanging information and people for the purpose of fostering mutual interests and long-term relationships.

Kazakhstan has a centralized, military structure for all firefighters under its Ministry of Emergency Situations. Each are assigned rank and wear their nation’s military uniform.

“This partnership is very beneficial for us because we learn new things and we get to see things we don’t have,” said Col. Vladimir Bekker, deputy director of Kazakhstan’s firefighting service. “The equipment

that we use is different, but the methods and techniques for firefighting are very similar.”

“In addition to showing them our wing’s fire and rescue operation, we took them to several different stations around town,” said Senior Master Sgt. Shane Clark, wing fire chief and exchange organizer. “They got to see how the Guard, active duty Air Force, city and wild land fire operations are conducted in the U.S.”

Fire chiefs from Davis-Monthan Air Force Base, Tucson Fire and the nearby Mount Lemmon Fire Department explained their operations to the group of delegates who, with help from a Russian interpreter,



had countless questions.

“They wanted to know how we are organized, and about our equipment and how we use it,” said Army Maj. Mark Newman, state coordinator for the Kazakhstan partnership program at Arizona Joint Force Headquarters. “To answer many of those questions we arranged several live demonstrations for them.”

A 162nd fire crew performed an F-16 pilot extraction exercise for the visitors to see how firefighters support a military flying mission.

Other exhibitions included a live burn at Davis-Monthan, wild fire operations at Mount Lemmon and a military C-130 exercise at Tucson Airport where Guard and Reserve units showcased their ability to drop 3,000 gallons of retardant on a burning target.

“We were fortunate to be able to schedule the exchange during this particular week,” said Sergeant Clark. “The Wyoming Air National Guard’s 153rd Airlift Wing in Cheyenne, in coordination with the Coronado National Forest in southeastern Arizona, held the annual Modular Airborne Firefighting System training here. We felt it was important to show them that mission because it illustrates how civilian and military fire and rescue units work together in the U.S.”

“All of this interagency cooperation we’ve seen here is something we would like to apply in our system more,” said Colonel Bekker. “We also like the personnel structure at fire stations and we like that all firefighters here possess the knowledge and experience to do tasks that are beyond those assigned to them.”

Amidst the lively exchange, the most important gain was the professional friendship established between Kazakh and American firefighters, said Major Newman.

“The strength of the state partnership program is that state National Guards can provide their partner

countries with a consistency of personnel to support their partnership programs,” said Newman. “Kazakhstan will be able to reach back here to us for years to come, and the same firefighters will be here to help foster the international relationship.”

To strengthen the relationship, Arizonans are setting boots on the ground in Kazakhstan.

Maj. Andrew Chilcoat, a 162nd Fighter Wing maintenance officer, serves as the Arizona National Guard’s representative to the Kazakh government. He left Tucson in April, 2008, for an 18-month tour at the U.S. Embassy in Astana, Kazakhstan’s capitol city, as a bilateral affairs officer.

He returned to the 162nd for the week to escort the group of Kazakh officials.

“The Arizona National Guard does about 20 events like this per year – military to military exchanges – for example military police, explosive ordinance disposal, Reserve

personnel management, border checkpoint training and so on,” said Major Chilcoat. “That makes the Arizona-Kazakhstan partnership one of the most robust in the National Guard.”

Chilcoat said his time in Kazakhstan has been very busy and equally rewarding. He works with the Ministry of Defense, the Ministry of Emergency Situations and Border Guard Services handling all Arizona programs; Humvee maintenance, coordinating casualty evacuation exchange, assisting in the establishment of 911 dispatch centers and of course firefighter exchange.

“I’ve been extremely impressed with the Kazakhs,” said the Major. “Kazakhstan is an up-and-coming country with a growing economy. They are in a critical location in Central Asia, and they’re our friends and coalition partners. Their troops have gone right from exchange programs to the theatre of operations along side U.S. troops.”



Photo by Master Sgt. Dave Neve

Chief Master Sgt. Chuck Lee from the 153rd Airlift Wing shows Col. Vladimir Bekker, deputy director of Kazakhstan’s firefighting service, the inside of a Wyoming Air National Guard C-130 equipped with the Modular Airborne Firefighting System, May 6.



Wing programs keep FOD in check



Members of the 162nd Maintenance Group propulsion section gather for a morning FOD walk on the flightline at Tucson International Airport. Members line up daily and walk in search of foreign object damage that can cause harm to aircraft.

Story and photo
by Tech. Sgt. Desiree Twombly
Public Affairs

Every morning Arizona Air Guardsmen from the 162nd Maintenance Propulsion Element here meet outside of their work section for a morning walk. It's not a social gathering but a walk much more serious in nature.

As they walk side by side, they eye the tarmac for small objects and debris that can cause damage to any one of the 70 F-16 Fighting Falcons at Tucson International Airport. Debris the size of a coin can cause thousands, and sometimes millions, of dollars in damages.

Foreign object damage, or FOD, can occur when rocks, nails, screws, fasteners, tools or any small fragments are ingested into an aircraft's engine when started. The F-16 is particularly susceptible to FOD because of its powerful intake and proximity to the ground. The intake operates like a giant vacuum and can suck up almost anything causing significant damage to blades and internal engine parts.

"For F-16s, the most typical damage we would see are nicks in the engine fan blades as a result of debris," said Master Sgt. Dave Davis, wing FOD program monitor.

Another concern regarding FOD is loose objects that have the potential to cause an in-flight emergency such as preventing an ejection seat from firing.

"We have to be vigilant so that tools and other miscellaneous items such as pencils don't get dropped into a cockpit. It's important to retrieve or account for these things to prevent FOD situations," said Sergeant Davis.

An aircraft grounded because of FOD to an engine fan blade can have an average downtime of one week. Airplanes that can't fly due to FOD can seriously affect the international pilot training mission at the 162nd. With about 60 sorties generated per day, every aircraft is needed.

"It takes about four hours to pull a motor. It takes another two or three days to replace a blade. This includes taking it over to the hush house, setting it up to do a run and ensure it's installed properly. Once that is done, crew chiefs install the motor and do additional checks which include another engine run," said Davis.

The 162nd has programs in place to keep aircraft free from FOD and reduce incidents. Maintenance shops also incorporate daily FOD activities to reinforce prevention.

Tech. Sgt. Terrence Ross, the propulsion element FOD monitor, coordinates and monitors FOD prevention activities for his shop.

"All Airmen are the first line of defense in prevention. Picking up debris or foreign objects can save man-hours and dollars in the long run," said Sergeant Ross.

In an effort to keep FOD prevention in the spotlight, wing FOD monitors conduct monthly working groups and quarterly meetings that address trends and recognize efforts of wing members. Quarterly reports detail the number of dispatches sent to the engine shop to repair blades as well as the number of replacements.

"We also put out bulletins and fighter wing instructions that give detailed instructions on how to handle FOD issues," said Sergeant Davis.

The wing also conducts an award program to reward individuals and their FOD efforts.

"With the Golden Bolt program I go out once a month and hide a laminated card in a maintenance section. The goal is to get unit members to be on alert for foreign objects. If someone finds it, they get four hours off," said Sergeant Davis.

In addition to these awards the wing also has a FOD Fighter Award. It's a certificate that recognizes sections that go above and beyond what's required by the FOD program. The importance placed on prevention is a key factor in all of the awards.

"On the FOD walks, every little piece of debris is important to pick up and it's important to be thorough. There's so much that can be saved by doing this," said Sergeant Ross.



MAFFS training prepares units for upcoming fire season



Photo by Tech. Sgt. Alex Koenig

Air National Guard and Air Force Reserve units converged on Tucson, Ariz., in May to take part in MAFFS certification and training 2009. The Modular Airborne Firefighting System is an important and effective tool used to fight wildfires nationwide and is placed onboard the C-130 Hercules aircraft.

by Master Sgt. Mike R. Smith
National Guard Bureau

Returning fresh from last year's wildfire season, more than 300 National Guard and Reserve Airmen are hoping that their Modular Airborne Firefighting System (MAFFS) training here May 4 - 8 will give them the edge over destructive blazes that can spark at any time.

Officials say that 78,979 wild land fires burned 5,292,468 acres in 2008 – slightly higher than the 10-year average. As of May 4, there are already 11,878 more wildfires than last year at this time, and the greater firefighting season is still ahead, according to the National Interagency Coordination Center. The wildfire season starts June 1.

For the Air National Guard, getting Airmen and equipment ready for a state call-up was the purpose of the training here at Tucson International Airport.

The annual training also provides the recertification required by the

U.S. Forest Service prior to the fire season.

"We do this every year prior to the main fire season to ensure everybody is trained and ready to go and is proficient as possible for when the fire season does start," said Lt. Col. Wylie Walno, a pilot from the Wyoming Air Guard's 153rd Airlift Wing, who was serving here as the training commander.

Air National Guard units from North Carolina, Wyoming and California operate three squadrons with MAFFS-equipped, C-130 Hercules aircraft. The Air Force Reserve operates one MAFFS squadron.

All operational MAFFS aircraft were flown during the training, including the latest MAFFS II system now operated by the California Air Guard's 146th Airlift Wing based at Channel Islands Air National Guard Base.

From a staging area at the international airport, ground support crews sweated under the sun and hustled around their aircraft through a mix of triple digit heat and hotter engine

exhaust.

The aircraft, loaded with thousands of pounds of water, lumbered on takeoff, following a lead aircraft across the southwestern Sonoran desert, toward the mountains to make their practice fire retardant drops.

MAFFS and the newest MAFFS II are owned by the U.S. Forest Service and are flown on military aircraft. The older system consists of five tanks with dissemination tubes that run out the aircraft's cargo ramp. The tanks are loaded with 3,000 gallons of orange-colored fire retardant and water, which coats fuel sources, such as dry grass, brush and trees to keep fire from spreading.

The flight line surrounding the training area was strewn with equipment and water hoses. Although it may have looked confusing, the ground support system can reload MAFFS with retardant mixture in less than eight minutes.

One of the advantages of the recently operational MAFFS II system is its onboard compressors, which remove the need to recompress air tanks from ground systems, said officials.

Walno said the idea of a military unit being used in support of firefighting missions was conceived in 1970, but an operational system didn't get to the units until five years later. "There's military and as many other agencies now, and it's a growing entity, growing faster and faster as we speak," he said.

"Most interesting for us is the structure of the firefighting services here, and the interaction between the civil and military fire services," said Col. Vladimir Bekker, deputy director of Kazakhstan's firefighting service, who watched the training during a larger State Partnership Program tour with the Arizona National Guard.



Arizona medics go “Beyond the Horizon” to help Jamaicans



Photo by Maj. Christine Rhodes

Lt. Col. (Dr.) John Murphy, an optometrist with the Arizona Air National Guard's 162nd Fighter Wing, gives an eye exam to a Jamaican patient during a recent humanitarian mission.

by Staff Sgt. Jordan Jones
Public Affairs

They arrived before the crack of dawn, some camped nearby waiting to be the first in line when the doors opened, but they weren't waiting for concert tickets or a 'Black Friday' sale; they were waiting for much-needed health care.

More than 3,700 Jamaicans were given free medical, eye and dental care April 11-26 when 35 Guardmembers from Arizona's 162nd Fighter Wing invested two weeks as part of United States Southern Command's "Beyond the Horizon" humanitarian assistance exercise.

"We helped 3,727 patients during a very short period," said Col. Michael Mangen, operation commander.

The tropical country of Jamaica is synonymous with reggae music, pristine beaches and tourism. But just beyond tourist areas, past the façade and into the real Jamaica, the Air Guard medical staff ventured to no-frill, make-shift clinics to help those less fortunate.

They split their time between three different sites; Albion Primary and Junior High, Retrieve All Age School, and Lottery All Age School, said the colonel. All locations were without many of the conveniences of modern technology.

"When you first go through medical or nursing school you get caught up in the technology of things; you have a piece of equipment that gives you information. But when you go back to basics you are listening with a stethoscope, taking the blood pressure, listening to the problems that someone is telling you without the benefits

of a lab. You go back to what you learned – listening to the patients to help you reach a diagnosis," said Colonel Mangen.

"Back to basics to me means providing health care to the neediest of people – to people who really need the help and can't acquire health care on their own," said Lt. Col. (Dr.) John Murphy, optometrist.

The care provided ranged from simple check ups to diagnosing severe medical problems, pulling teeth and dispensing eye wear to people who otherwise would be legally blind.

State-run health care and medication in Jamaica are free. However, patients must often wait two-to-three months to get an appointment, and prescriptions are not always available.

"We saw several blind patients. Some were blind from lack of glasses – that's how bad their vision was," said Colonel Murphy.

"We took 4,000 pairs of glasses with us donated by the Lions Club. Members from the Med Group here went through them before we deployed putting each pair on a reader [machine] so that we knew what strength they were," said Colonel Mangen.

"The Jamaicans that received glasses had big smiles on their faces. There were instances where patients walked promptly out the front door with their glasses and a smile just to show everybody waiting outside. There were several times when the crowd applauded loudly because they knew the person was blind without them," said Colonel Murphy.

When comparing the cost of glasses to their minimum wage, \$40 per week, it's easy to understand their exuberance.

A pair of glasses cost them the equivalent of \$200 U.S., Colonel



Murphy said. “That’s five weeks of wages that you can’t pay for your housing or for your food.”

While there, U.S. servicemembers were protected by the Jamaican Defense Forces as part of the partnership agreement.

“They have open air jeeps and

they all carry M-16s. We always had a Jeep in front and one in back – the guys inside were locked and loaded,” said Colonel Mangen.

“In order to keep us from having to sit in traffic they did what I call ‘splitting the red sea’ – they just went right down the middle of both

lanes and drove straight through the whole city,” said Master Sgt. James Mulcahey, force protection leader from the wing’s Security Forces Squadron.

“That way we weren’t in jeopardy by sitting in traffic. You wouldn’t see that here. From my career perspective that was a very interesting thing that occurred,” said Mulcahey. “They did a good job. We felt safe.”

While the health care was free to the Jamaican people, it was not without reward for the Guardsmen who went.

“The farmers came in and let us sample some of the local coconut, pineapple and sugarcane. It was like back in the old days when you saw the doctor and you brought him two chickens to pay for it,” Colonel Mangen said.

Colonel Murphy recalled the first legally blind patient to receive glasses returned the next day to give him a hug. “That was the best part – to know we were doing some good there.”

“This is a partnership,” said Colonel Mangen. “It’s a way to show the world that the U.S. military does more than project force.”

U.S. Southern Command launched Beyond the Horizon in 2008 as a new concept born from the 1980’s “New Horizon” initiative. The exercise is scheduled to last several months with servicemembers from all branches of the Guard and Reserve deploying for short periods to Colombia, Dominican Republic and Jamaica this year. Nearly 350 servicemembers will participate at any one time.

The purpose of Beyond the Horizon exercises are to train U.S. servicemembers to carefully plan and conduct logistical operations to support deployments to remote regions, thus providing unparalleled training that cannot be simulated in the United States.



Photo by Maj. Christine Rhodes

Chief Master Sgt. George Silvas and Tech. Sgt. Travis Davis, 162nd Fighter Wing medical staff, escort a Jamaican woman to see the doctor.



Test Center links mobility to 'boots on the ground'

by Maj. Matt Baugher
Advanced Airlift
Tactics Training Center

In the Southern Arizona desert, three C-130s recently rumbled over the saguaros and airdropped training bundles to a waiting combat controller. The historic drop was conducted digitally with a tactical data link known as the Situational Awareness Data Link, or SADL.

It was the first time a C-130 aircraft, in cooperation with a joint terminal attack controller on the ground, used digital technology to work as a team.

The mission was part of an operational utility evaluation run by the Air National Guard/Air Force Reserve Test Center (AATC) out of Tucson International Airport to showcase the capabilities that a tactical data link brings to the mobility fight.

Three Guard and Reserve mobility units participated; C-130Hs from the 130th Airlift Wing from the West Virginia Air Guard; the Reserves' 910th Airlift Wing from Ohio; and a MC-130P from the 129th Rescue Wing from the California Air Guard.

The evaluation was the first step in fulfilling a combined Air National Guard and Air Force Reserve requirement developed at the annual ANG/AFRC weapons and tactics conference, or WEPTAC, where Reserve component warfighters expressed the need for digital capabilities. The tactical data link requirement would modernize various models of the C-130 and other mobility aircraft such as the KC-135 Stratotanker.

SADL is already available on all active duty A-10s and all block



National Guard photo by Master Sgt. Mike R. Smith

Air National Guard combat controllers plan an exercise to help the Air National Guard/Air Force Reserve Test Center (AATC) test the Situational Awareness Data Link, or SADL, May 7. The tactical data link commonly used for close air support promises to benefit mobility operations as well.

30/32 F-16s for the close air support role and has been employed with great success. Similarly for mobility aircraft, the greatest benefit of SADL is expansion of the airborne network to ground parties.

This allows Airmen in the air and on the ground to work more effectively together.

"The digital map display allowed me to track the location of the aircraft as they made their approach to the drop zone," said Senior Master Sgt. Nick Lowe, a combat controller assigned to the AATC. "This allowed me to better deconflict inbound C-130s from other air traffic near the drop zone and prepare myself to receive the airdrop package. The potential effect SADL has on airlift operations is huge."

Installing SADL on C-130s means aircrews and combat con-

trollers will be able to coordinate airdrops more effectively due to the range of the SADL network, the accuracy of position reporting and the ability to achieve all of this digitally without cumbersome voice communications.

Introducing this capability for C-130s and combat controllers in the field brings mobility aircrews into the common operational picture. Based on SADL's low cost, rapid distribution and compatibility, it's proving to be a functional alternative to existing more costly systems.

AATC's mission is to conduct operational tests on behalf of the Air Reserve Component. They are a small, Total Force team leading the effort to field low-cost, low risk, off-the-shelf improvements to Guard and Reserve systems.



Editor's Note: Lt. Col. Doug "Odie" Slocum, wing safety officer, was recently selected to be the next director of safety for the Air National Guard. The announcement came on the heels of receiving the Air Force Chief of Staff's Individual Safety Award for 2008. Colonel Slocum gained notoriety throughout the Air Force for his work as the creator, developer, instructor and principal advocate of Air Force Maintenance Resource Management (MRM) - a program that empowers every Airman to speak up in the name of safety. The following commentary is a result of Colonel Slocum's influence.



'Knock It Off' before someone gets hurt

by Master Sgt. William H. Keely
27th Special Operations Wing
Safety Office

CANNON AIR FORCE BASE, N.M. -- If you ask any flight crew member or aircraft maintainer what "Knock It Off" (KIO) means, they will probably tell you that whatever is going on ceases until the concerns of whoever called it are satisfied. The procedures are taught in Crew Resource Management (CRM) and now in Maintenance Resource Management (MRM), but it wasn't always so.

According to the Federal Aviation Administration's on-line Human Factors course the first CRM training programs were adaptations of management training courses developed for corporations. Early courses included psychological testing in addition to seminars on individual communication styles, leadership, and behavior modification. Within this context, the need for airline captains to be less authoritarian and for junior crew members to be more assertive was emphasized.

This emphasis was the result of the National Transportation Safety Board (NTSB) analysis of a 1978 aircraft accident in Portland, Ore. This crash occurred because the captain was preoccupied with a landing gear malfunction and preparation for an emergency landing, and failed to monitor fuel level. The aircraft ran out of fuel and crashed on initial

approach six-tenths of a mile from the airport after circling for 23 minutes trying to resolve the landing gear problem.

The first officer and the flight engineer had both warned the captain of the aircraft's fuel state but did not stress the urgency of the situation. The crash resulted in 10 fatalities and 23 serious injuries; in addition, two homes (fortunately unoccupied) were destroyed.

CRM was adopted by the airlines in the early 1980's as "Cockpit Resource Management," but was changed in the 1990's to the current definition of CRM when they realized that flight attendants and others on the flight team had valuable inputs toward safety as well.

The Air Force started implementing CRM in the early 1990's, but due to our rank structure, it took about 10 years to become fully accepted as a culture where a junior member of the crew could tell a senior member they didn't feel safe about a situation.

In September of 2000, based upon the success of CRM in saving aircraft and lives, the FAA issued Advisory Circular number 120-72 which set the objective as: "This Advisory Circular presents guidelines for developing, implementing, reinforcing, and assessing MRM training programs for improving communication, effectiveness, and safety in maintenance operations. These programs are designed to become an integral part of training and maintenance operations."

The Air Force was behind industry, and it took a fatality to implement MRM. In July 2004, we needlessly lost an individual at Charleston Air Force Base, S.C., because a member of the team, much like the crew in the 1978 Portland crash, was not assertive enough to stop a process. While troubleshooting a spoiler malfunction on an aircraft, a junior team member stated many times that they didn't want anyone crawling under the spoiler with hydraulic power applied. Unfortunately, their concerns were ignored. The spoiler eventually closed on a fellow teammate, fatally crushing him.

Whenever a major accident occurs, two separate investigative bodies are usually convened. A Safety Investigation Board meets to find the root cause and learn how we can prevent future incidents of the same type, while an Accident Investigation Board determines legal liability for the incident. Both boards -- working completely independent of each other -- came up with the recommendation that the Air Force should institute MRM.

With these recommendations in hand, several bases independently, and with no standard format implemented a MRM program. In 2007, a team of major commands met at Dover AFB, Del., to carve out an Air Force baseline MRM course. As a template, they used a course designed for the National Guard by Lt. Col. Doug Slocum. This year it was approved at the Pentagon and will be written into AFI 21-101.



The future is now at the 162nd Fighter Wing

The Expeditionary Combat Support System

**from the 162nd Logistics
Readiness Squadron**

The Air Force is in the midst of a historic transformation. The way the Air Force is organized and the ways that airpower is employed are changing in revolutionary ways. Changing, too, are the ways in which Air Force logisticians provide support to warfighters.

The Expeditionary Combat Support System (ECSS) is the cornerstone enabler of the logistics transformation effort. Using an Enterprise Resource Planning (ERP) software solution, ECSS is applying best commercial practices and using industry-proven tools to establish the Air Force's first capability to globally view and manage its logistics resources – major end items, materiel, people and funds.

But ECSS is much more than an IT system. It will fundamentally change business processes, personnel roles and jobs across the spectrum of the Air Force logistics community. Locally, ECSS will drive dramatic changes and improvements in the way logistics is done.

For example, the process of scheduling a repair currently means setting a repair date on the base level without the ability to ensure technicians, parts, facilities, tools, etc., are available Air Force wide. With ECSS, an integrated global view of people and parts availability will enable greater scheduling effectiveness and ultimately increase availability of repaired components or major end items. Simply put, Air Force logisticians will have what they need to get the job done when

repairs are system-scheduled under ECSS.

Citing another example, today Air Force logisticians collectively rely on paper forms and enter data into multiple base-level systems. This labor-intensive effort will be replaced by entering data once into one system. When fully implemented, ECSS will replace hundreds of logistics information systems and will be the single source of truth for logistics information.

While it will be several years before ECSS reaches full operational capability and its benefits are fully realized, the implementation process is already underway. And, that process will affect the 162nd Fighter Wing very soon.

To help with that preparation, the ECSS program conducted its kick-off meeting with 162nd Fighter Wing leaders and ECSS users on April 23. During the meeting, an ECSS program official from the Air National Guard Readiness Center, Mr. Mike McCarthy, provided an informational and educational briefing about ECSS, its goals, program timelines and how the Air Force will be affected.

At the kick-off, Mr. McCarthy introduced our field agent, Mr. Mike Meis, to the base leadership and base population. Mr. Meis is part of Team ECSS and will assist the 162nd's site transformation lead on various ECSS activities. The site transformation lead is Lt. Col. Gregory Bliss, 162nd Logistics Readiness Squadron commander. Colonel Bliss will work with each section to ensure all are ready for ECSS.

The kick-off represents the beginning of the ECSS organizational change management program, which is designed to prepare every-

one for this transformation effort. History tells us that no change is ever successful until individual behaviors change. The people who perform Air Force logistics processes, from all functional communities, must personally engage in the transformative aspects of ECSS in order for it to succeed.

As is always the case, these sweeping changes will not be easy, as long-standing ways of doing business will either dramatically change or completely disappear. ECSS will pull people from their comfort zones and cause them to do new tasks in different, unfamiliar ways. To help logisticians navigate these changes, the ECSS program will provide education and training programs for those who will use the new system.

An Air Force-wide change agent network, supported by an ECSS program team, will share information on ECSS activities, schedules and lessons learned and conduct local problem-solving meetings to help smooth implementation at each installation. This same network will support the sustainment of ECSS after fielding is completed.

ECSS will drive changes in the way the Air Force does business and the way logisticians perform their jobs. The result will be an Air Force enterprise better enabled to provide its warfighters the right materiel at the right time. ECSS will also enable logisticians to use their time more productively, significantly reducing the cost of accomplishing the Air Force logistics mission.

Under the current schedule, the 162nd Fighter Wing will be among the first to realize the benefits that ECSS will bring to the Air Force. To learn more about ECSS, contact Colonel Bliss at (520) 295-6225, and visit <https://www.ecss.wpafb.af.mil>.



Apply now for Jimmy Jet scholarships

Three Jimmy Jet Foundation Scholarships are available now through July 31; the Brig. Gen. Ronald L. Kurth for General studies, the Col. James V. Fiorelli for Aviation related studies, and the Lt. Col. Pamela J. Long for Volunteer work and community involvement. For each scholarship, \$500 will be awarded per semester (maximum of \$1,000).

Unit members and their immediate family (spouse or children) are eligible to apply. Retired unit members and their immediate family (spouse or children) may also apply.

Applicants may apply for all three scholarships; however, applications

for each scholarship must be completed in order to be considered.

Submitted applications must be typed with all required areas completed and required documentation enclosed. Applications must be mailed in on time to be considered, and late applications will not be accepted. Mailed applications must be postmarked July 31.

Applications can be downloaded from the 162nd Fighter Wing Web site Resources page.

All applications must be mailed to:

The Jimmy Jet Foundation
Scholarship Committee
1650 East Perimeter Way
Tucson, AZ 85706-6052

Summer vacation begins, but the need for blood never takes a holiday

During the summer, blood donations typically drop off dramatically as donors go on vacation and schools close, but the need for blood never takes a holiday.

The American Red Cross urges people to donate blood or platelets and save lives this summer. Patients in Arizona hospitals served by the Red Cross depend on community blood donations every day.

Regular blood donations from people in our communities are critical to our ability to provide a steady and ample supply of blood for those who depend on its life-saving benefits.

Any healthy person age 18 (or

age 16 with signed parental consent) or older and weighing at least 110 pounds may be eligible to donate blood. Valid identification is required for all blood donations.

All eligible donors are asked to schedule an appointment to donate blood by calling the wing blood drive coordinator at 295-6652. For more information about blood donation or eligibility, call 1-800-GIVE-LIFE (1-800-448-3543) or visit givelife.org.

The next Arizona Air National Guard Blood Drive is scheduled for Saturday, June 6, 8 a.m. – 1 p.m. All presenting donors will receive American Red Cross flip-flops!

Tig Bits

Straight Talk Line

The Straight Talk Line is a recorded message service for the Southern Arizona Community to call for the latest Arizona Air National Guard updates during public emergencies.

(520) 295-7878

NARFE Meeting

Current and retired Federal employees, spouses, guests and visitors are invited to join the National Active and Retired Federal Employees (NARFE), Chapter 1874, at the Home Town Buffet at 5101 N. Oracle Rd., just north of River Rd. on the northwest corner. The next meeting will be Monday, June 15. Lunch starts at 11:30 a.m. (\$9.50 per person). The meeting will be from noon to 1 p.m. The speaker will be Mrs. Carn Boyce, Water Conservation Specialist for the town of Oro Valley. Contact Valerie Davis at (520) 908-0774 for more information. The National Active and Retired Federal Employees (NARFE) has been safeguarding and improving the earned rights and benefits of America's active and retired federal employees since 1921.

Reminder...

This edition of El Tigre News is the final monthly edition. Readers will see the "Fall 2009," quarterly edition, in early October.

For the latest news and information about the 162nd Fighter Wing please visit 162fw.ang.af.mil.





Military retirees have a great benefits package

by Chief Master Sgt. (ret.)
Barry Soulvie
Retirees Office

Retirees from the 162nd Fighter Wing receive a well-deserved paycheck without having to go to work. Every retiree is familiar with their monthly retirement pay, but are you aware of all the other available benefits?

First, and most obvious, are those benefits located on most military installations. The Base Exchange is a completely stocked department store where prices on most items are competitive and there is no sales tax. The commissary is a fully stocked grocery store that contains all of the items generally bought for weekly grocery needs, also at very competitive prices.

When traveling, lodging is available on most military bases at substantial savings over off-base facilities. If you drive an RV or tow a camp trailer, many bases have camping facilities where you can

park for the night at a very reasonable rate in a secure, safe on-base environment.

If resort vacations are your thing, the military operates facilities at Disney World in Florida and the Hale Koa hotel on Waikiki beach in Hawaii. Retirees can make reservations at these facilities up to a year in advance. The military also has connections to many other resort locations around the world.

Military retirees and their spouses can fly space-available on some military aircraft at no cost. Destinations are limited and you have to adapt to the Air Force's schedule, but if the scheduling works, there can be substantial savings in your travel plans.

Medical benefits are also carried into retirement. There are several TriCare plans based on service, age and retirement status. Retirees and their dependents are covered with one of the best medical insurance plans available, and at reasonable cost.

More detailed information, including web sites and phone numbers on

all military retirement benefits, is available in our locally produced "162FW Guide to Retirement Benefits." This free guide is available on the 162nd website at www.162fw.af.mil, or e-mail us at 162.retirees@aztucs.af.mil and we will send you a copy. No computer? No problem! Call us at (520) 295-6663 and leave your name and address. We will mail you a copy.

You have earned your military retirement benefits. Know what they are and take advantage of a very generous retirement system.

The Retirees White Mountain Picnic is scheduled for June 18 at Fool Hollow Lake State Park in Show Low, Ariz. \$10 per person buys a great meal and an afternoon with old friends and coworkers. There are only a few days left to get your reservations in. If you have any questions call Hugh Kennedy at (520) 405-6891.

Another retiree has left us. Jim Dewar, former 162nd member, recently passed away. Our sincere condolences go out to Jim's family and friends.

All in the EL TIGRE Family

Military Promotions:

To Chief Master Sergeant
Timothy Burris

To Senior Master Sergeant
Lance Bonelender
Terry Oliver

To Master Sergeant
James Mulcahey
James Spencer

To Tech. Sergeant
Desiree Twombly
Peter Arnold
Kyle Truelsen
Todd Pederson
Royce Reed
Jonathan Mahler
Zearlina Dodson
Ernesto Ruiz

To Staff Sergeant
Foulkrod Tara

To Senior Airman
Jamie Nerialvarado

To Airman
Camara Marie

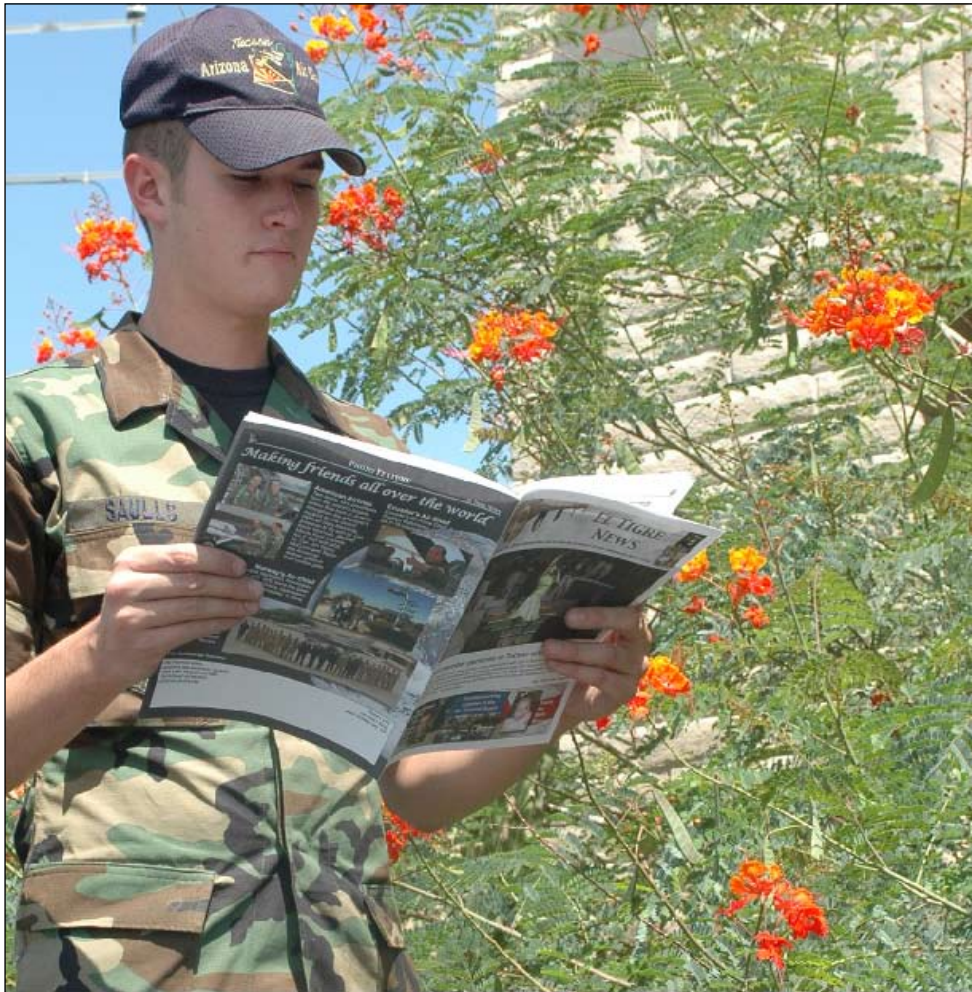


New Hires:

Senior Airman Alfred Aragon II, Electro/Environmental Shop

Graduations:

Academy of Military Science: McGhee Tyson ANGB, Tenn.
Second Lieutenants James Barnett, Angela Walz, Jason Gutierrez and Byron Kooima graduated from AMS April 24 earning commissions in the Air National Guard. Lieutenant Walz earned Distinguished Graduate honors and Lieutenant Gutierrez earned the Citizen Soldier award.



You too can contribute to
El Tigre and 162fw.af.mil

submit articles and photos to: 162fw.pa@aztucs.af.mil

**DESERT ROSE
 DINING FACILITY
 MENU**

Cost for AGRs & Officers \$4.25

SATURDAY

- Smoked Pork Roast
- Spinach Baked Fish
- Pork Fried Rice
- Mac n Cheese
- Carrots
- Vegetable Medley
- Green Beans
- Chocolate Brownies
- Pineapple Upside down cake

SUNDAY

- Fried Chicken
- Pepper Steak
- Steamed Rice
- Oven Browned Potatoes
- Chicken Gravy
- Peas n Carrots
- Steamed Cauliflower
- Green Beans
- Garlic Bread
- Applesauce Cake
- Cherry Crisp

**SHORT ORDER &
 STANDARD ITEMS**

- Hamburgers/Cheeseburgers
- Special TBD
- Chicken Strips
- Tuna Sandwich
- Vegetarian Burgers
- Baked Potato Bar
- French Fries
- Onion Rings
- Baked Beans
- Salad Bar
- Assorted Breads
- Jell-o & Sugar-Free Jell-o
- Frozen Yogurt
- Soda, Coffee, Tea, & Milk

*Dining Facility Hours
 9:45 a.m.-12:15 p.m.*

*The menu is based on
 availability and is subject to
 change without notice.*



A message for U.S. Military
 from the Department of Defense.

That Guy ('[th]at 'gl), n.

1. Anyone who, after drinking excessive amounts of alcohol, loses control of self or situation with humiliating or compromising results:

a. Used to suggest shameful or embarrassing behavior: What is *That Guy* thinking? or, No way am I hanging out with *That Guy*.

b. Used to imply an unpleasant transformation/metamorphosis: Everything was great until my friend drank a few too many and turned into *That Guy*.

2. A negative example, often used to mock someone: Don't be *That Guy*.

162ND FIGHTER WING
ARIZONA AIR NATIONAL GUARD
1650 EAST PERIMETER WAY
TUCSON AZ 85706-6052
OFFICIAL BUSINESS

PRSR STD
US POST PAID
ANG PERMIT NO. 394
TUCSON, AZ

Retirees, Where are they now...?

First Guardsman to enlist in the 152nd Tactical Fighter Squadron returns to 162nd for a visit

by Capt. Gabe Johnson
Public Affairs

The first person to ever enlist in the Arizona Air National Guard's 152nd Tactical Fighter Squadron returned to base May 13 to visit the unit he helped start in 1956.

The founding members of the 152nd recruited 29-year-old John A. Smith in May of the unit's inaugural year to be a structural repairman.

"I was a third-class petty officer in the Navy before I came here and had to take a bust to airman second (E-2) to join the Guard," said Smith who saw combat in World War II's Pacific theater in 1944.

"When I first came to Tucson, Valencia was just a dirt road, and the base was just a small hangar and a tent. We had maybe 20 F-86s here in the first few years. If we put more than two in the hangar it would get really crowded."

During his career Smith worked on F-86s, F-84s, F-100s, F-102s, A-7s and he even ordered the first tech orders for the F-16 prior to his retirement in 1984 as a master sergeant.

Smith remembered in the early days of the wing, structural repair included work in the sheet metal shop, the machine shop, welding shop and paint shop.

"It was all together back then,"

said Smith, "we were even the base fire crew."

He was known around base as "John 'Sheet-Iron' Smith, tin bender extraordinaire, expositor of philosophical opinions on any subject, known to charge car air conditioners for \$2.50," according to base historical records.

Smith also recalled how the Guard worked with Davis-Monthan Air Force Base and Hughes Aircraft to keep planes in the air.

"If I had something that Davis-Monthan needed I would give it to them," said Smith. "That's how it

was, we all borrowed from each other and it was all even."

He marvelled at how much the base had changed over the years during his recent tour.

"I am so grateful for this outfit," said Smith, "and this is still a very special place to be."

Smith, 82, still lives in Tucson and keeps in touch with his friends from the Guard.

"He is our history," said Col. Greg Stroud, wing commander. "He's the fabric of our heritage, and I'm thankful for what he and others did to begin our great tradition of excellence here at the 162nd."



*Master Sgt. John Smith
circa 1980*

Master Sgt. (Ret.) John Smith, the first member to enlist in the 162nd Fighter Wing, returns to visit the unit he helped start in 1956.