

# The NORTHWEST AIRLIFTER

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McChord Air Force Base, Wash.

Connecting Team McChord with the Combat Airlift Mission

August 28, 2009

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# AMC IG recognizes 62nd Airlift Wing for excellence in Nuclear Enterprise role

By

Tyler Hemstreet  
62nd Airlift Wing Public Affairs

Air Force officials gave the 62nd Airlift Wing the highest-possible grade Monday following a week-long no-notice Limited Nuclear Surety Inspection of the wing's role as the nation's Prime Nuclear Airlift Force.

The wing's PNAF mission plays a crucial role in the nation's nuclear enterprise which requires a constant state of readiness and certification of all Airmen associated with that mission, to include the

wing's 4th Airlift Squadron, which executes all PNAF missions.

"This is another validation of the emphasis and professionalism we place on the PNAF mission," said Col. Kevin Kilb, 62nd AW commander. "We take that responsibility very seriously ... it's such an honor to have this mission and I'm extremely proud of our Airmen."

Airmen evaluated in the inspection here Aug. 17 to Monday received an overall grade of "Satisfactory" — the highest overall grade possible — by the Air Mobility Command Inspector General team. The grade follows the wing's same top score of "Satisfactory"

after a scheduled Defense Nuclear Surety Inspection in January.

"McChord is continuing a tradition of 'Perfect ... Always' in regard to the PNAF mission," said Col. John Almind, AMC IG team chief. "The professionalism and dedication of the Airmen at McChord really showed. You could see the pride they have in themselves and the wing."

The nuclear surety program management and administration area of the inspection examined leadership's involvement in the program.

The Personnel Reliability Program area focused on the 62nd

Medical Squadron, the 4th AS, and the 62nd Force Support Squadron.

The Safety area examined the Nuclear Surety managers and the 4th AS ability to follow the Two-Person Concept on assigned missions.

The Logistics Movement area focused on the wing's ability to execute assigned PNAF missions, including operations, maintenance, and command and control.

Although, individual mission grades cannot be released, the wing was deemed "Outstanding"

— See EXCELLENCE Page 10



Photo by Abner Guzman

## Warrior Airmen

Master Sgt. Robert Snyder, 62nd Force Support Squadron, right, looks on as FSS Airmen assess a Wingman's simulated injuries during Warrior Days training Aug. 19. Warrior Days are designed to give each squadron time to practice, train and prepare for the wing's upcoming mobility exercise and the Operational Readiness Inspection. For more coverage of Warrior Days, see Pages 8-9.

## Northwest Airlifter ends, wing news stays online

By

62nd Airlift Wing  
Public Affairs

Production of the *Northwest Airlifter* newspaper as an authorized publication of the 62nd Airlift Wing ends with a final edition Sept. 25 as the base gets closer to activating Joint Base Lewis-McChord in January.

"The *Northwest Airlifter* served to inform McChord Airmen for decades, and the publication earned many Air Force and Department of Defense writing awards," said Master Sgt. Dean J. Miller, 62nd AW Chief of Public Affairs. "Today, joint basing offers an exciting time to look forward, and how Airmen continue to receive information has been a consideration from the very beginning."

After the Sept. 25 *Airlifter* issue is published, one important thing won't change — public affairs Airmen will continue to provide the latest wing news, feature stories and photographs on the wing's primary information platform, the 62nd AW public Web site: [www.mcchord.af.mil](http://www.mcchord.af.mil) (via government computers at [www.mcchord.af.mil/](http://www.mcchord.af.mil/)).

"We encourage all Airmen to continue to share news tips with us so we can coordinate coverage of their events as we transition to a joint base," said Sergeant Miller. "Our mission to tell the story of our Airmen hasn't changed."

The *Northwest Guardian*, currently serving Fort Lewis, becomes the authorized joint base newspaper in January as the joint base reaches initial operating capability. *The Guardian* will provide coverage of Army and Air Force activities, as well as installation news that affects the entire joint base population.

The *Northwest Guardian*, currently delivered at multiple locations on McChord, will phase in more coverage about Air Force and installation activities in the coming weeks. In January, as the joint base newspaper, the *Guardian* will be delivered installation-wide, to include housing areas.

"We look forward to providing the entire joint base a source of installation news through the *Northwest Guardian*," said J.C. Matthews, Fort Lewis Garrison Public Affairs Officer. "We have a professional team of writers and photographers, and we take very seriously our responsibility to serve everyone on the joint base — Air Force, Army and all others — as the first choice for news that affects them and their families."

McChord community members with a news tip for the *Guardian* are encouraged to pass the information through the 62nd Airlift Wing Public Affairs Office at 982-5637.

While the *Northwest Airlifter* ceases as an official Air Force product, readers may see a similar product distributed as a private business venture.

### Weekend Weather

FRIDAY	SATURDAY	SUNDAY
Hi: 75 Low: 54	Hi: 73 Low: 54	Hi: 73 Low: 54

Forecast generated at 7 a.m. Thursday  
Courtesy of the 62nd Operations Support Squadron

### Countdown to success

Next MOBEX.....	14 days
Operational Readiness Inspection.....	58 days
Joint Base IOC.....	156 days

### Don't miss it ...

## Joint Base Town Hall

1 p.m. Tuesday at the McChord Clubs and Community Center

See Page 14 for details

# Letter to Airmen: AF cyberspace mission alignment

**By**  
**Gen. Norton Schwartz**, Air Force chief of staff  
**Michael Donley**, Secretary of the Air Force

As part of cyber security efforts across the government, the Secretary of Defense approved the establishment of a Defense Department sub-unified command called the United States Cyber Command. Your Air Force is taking critical steps to support the DoD cyberspace effort and to define the key role you will play in these developments.

Cyberspace pervades every other domain and transcends traditional boundaries. Without question, cyberspace is vital to today's fight and to the future U.S. military advantage over our adversaries. It is the intent of the Air Force to provide a full spectrum of cyberspace capabilities to Joint Force Commanders whenever and wherever needed. To this end, we have positioned the Air Force to confront the cyber-related challenges of today and tomorrow with the following actions:

- Designating Air Force Space Command as lead

USAF Major Command for the cyberspace mission.

- Establishing 24th AF at Lackland AFB, recommending it become the Air Force service component to USCYBERCOM, aligning authorities and responsibilities to enable seamless cyberspace operations .
- Granting the commander of 24th AF authority over the Air Force network.
- Assigning the 67th Network Warfare Wing, 688th Information Operations Wing, and 689th Combat Communications Wing to 24th AF.
- Inactivating the 608th Air Force Network Operations Center, and activating the 624th Operations Center, which is assigned to 24th AF.
- Realigning the Air Force Network Integration Center (formerly Air Force Communications Agency) and Air Force Frequency Management Agency under Air Force Space Command.

These are important organizational steps, but they are just the beginning. To make significant progress we must also change the way we think about the cyberspace domain, and accordingly change our culture. Like air and space, we must think of cyber-

space as a mission-critical domain where operations are characterized by rigor and discipline, and are executed with precision and reliability. We must recognize the unique demands of operating in the cyber domain. We must establish close and continuing relationships with our joint partners, industry, and academia. We must develop a personnel strategy with compelling cyber career and training pathways. And in doing so, we must leverage the inherent strengths and talents of the Air National Guard and Air Force Reserve Command.

Cyberspace is a contested domain, and the fight is on — today. Every Airman holds the key to success, and every Airman must become a cyber defender, whether acting as part of a team or individually on Air Force networks. We must all conduct ourselves as "Cyber Wingmen," recognizing that our actions and activities on the network affect every other Airman and impact our ability to execute the broader Air Force mission. We will, in short, deliver on our promise to fly, fight and win ... in air, space and cyberspace.

# On Labor Day, remember our Airmen work hard too

**By**  
**Gen. Arthur Lichte**  
Air Mobility Command commander

As I visit with people at bases throughout Air Mobility Command and our operations across the globe, one thing I always admire is the strong spirit of our Airmen and civilians who keep the mobility mission moving day in and day out.

We have an extremely important mission in AMC, supporting our Nation at home and abroad while operating in harm's way and providing humanitarian relief. This equates to more than 900 sorties flown each

day by aircrews on mobility aircraft and the great ground support that enables the air mobility mission. In order to achieve these incredible accomplishments, it takes the extraordinary efforts of our people including active duty, Reserve, and Guard Airmen as well as civilian employees. We simply would not be successful without each and every one of you — it's a Total Force team effort.

Labor Day recognizes the contribution workers have made to the strength, prosperity, and well-being of our great country. It's true of our Airmen, civilians, and their families as well. The success of the world's best Air Force is carried on by their

dedication and hard work — I am extremely honored to serve with you.

This Labor Day Weekend, we'll celebrate some well deserved time off to enjoy with family and friends. However, I don't want you to forget the importance of keeping safety as your top priority.

Whether it's during the Critical Days of Summer or any other time throughout the year, we must ensure safety is at the forefront of our decision-making process, both on and off duty. Please use operational risk management for all your activities. Calculating the risk and weighing your options is the safest way to complete whatever you are doing.

Please don't forget the importance of reminding each other to wear seatbelts, follow checklists, and do other important things to stay safe.

The Lichte family would like to thank you and your family for your service and sacrifice. Enjoy your Labor Day weekend — you've earned it. However, don't forget to make safety your number one priority, every day, both on and off duty. Also take time this Labor Day to remember those who are deployed around the world protecting our freedom. Your enthusiasm, spirit, hard work, and dedication make me proud to be the commander of Air Mobility Command!

## The Sharp Airman ...

knows the key to any inspection is competence, attitude and professionalism.

The 62nd Airlift Wing once again impressed the Inspector General during our no-notice Nuclear Surety Inspection. The NSI is a

wing wide inspection executed by highly trained and motivated individuals. They train hard every day and are constantly prepared to execute the mission at a moment's notice.

By putting the same amount of effort into preparing for our wartime taskings and the Operational Readiness Inspection, Team McChord will surely demonstrate once again that we are OUTSTANDING!

## PROFESSIONALS

of the week

### 22nd Special Tactics Squadron

#### Tech. Sgt. Paul Irvine

**Duty Title:**  
NCOIC

**Duty section:**  
Aircrew flight equipment

**Hometown:**  
Lexington, Va.

#### Why he's tops:

As a newly promoted technical sergeant, Sergeant Irvine leads the aircrew flight equipment shop. He has managed the implementation of the newest static line personnel parachute system, the MC-6. Additionally, he is responsible for upgrading all MC-4 freefall parachute rigs with an advanced altitude descent malfunction device that ensures safe execution of all personnel airborne operations. Outside of normal duties, he is the president of the squadron booster club and has made unprecedented progress and gains with membership and funding by organizing numerous unit picnics, holiday parties and functions.



#### Staff Sgt. Joseph Gillispie

**Duty Title:**  
NCOIC

**Duty section:**  
Unit education and training manager

**Hometown:**  
Spokane, Wash.

#### Why he's super:

Sergeant Gillispie has demonstrated amazing tenacity and attitude, and has perfected unit education and training for 13 AFSCs, which includes developing, coordinating and scheduling more than 120 training events, identifying unit training trends and improving processes. With the ongoing rotations at the squadron, Sergeant Gillispie leads deployment preparation, taking on the additional duty as alternate unit deployment manager. He was named NCO of the quarter and continues to strive to make technical sergeant, continues his personal education and is working to become a SCUBA instructor.



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# Air Force unveils new fitness program

By

Daniel Elkins

Air Force Personnel Center Public Affairs

RANDOLPH AIR FORCE BASE, Texas (AFNS) — Approval of the new Air Force fitness instruction in the coming weeks will bring about some of the most significant changes to the Air Force fitness program in the last five years.

Those changes, which take effect Jan. 1, shift a greater responsibility of maintaining physical fitness 365 days a year to all Airmen.

In June, Air Force Chief of Staff Gen. Norton Schwartz announced changes to the service's fitness program following an audit that identified inconsistencies in fitness testing that failed to create a culture of fitness required to meet the warfighting demands on today's Airmen.

"I take fitness seriously, and so should you," said Chief Master Sgt. of the Air Force James A. Roy. "The new Air Force fitness test is coming soon and will incorporate significant changes aimed at creating a continuous culture of fitness."

Chief Master Sgt. Mark Long, the Air Force's enlisted promotions, evaluations and physical fitness chief, also underscored the importance of fitness in maintaining that combat capability while at the same time advising that Airmen shouldn't wait until the new year to begin preparing for the changes.

"The culture of fitness that began with earlier endeavors intended to

prepare Airmen to be 'fit to fight' established a sound foundation to build upon," Chief Long said. "We've come a long way in the last five years, only now it's time to incorporate changes that will bring about not only increased fitness, but greater clarity and understanding for both commanders and Airmen."

The changes show how serious the Air Force is when it comes to Airmen failing their fitness test, said 1st Lt. Rena Sandgren, 62nd Force Support Squadron chief of military personnel.

"The bottom line is that Airmen can be separated within one year if they aren't up to standard," Lieutenant Sandgren said.

While the fate of an Airman who fails the test a second time is ultimately in the wing commander's hands, Lieutenant Sandgren said there is no reason Airmen should let it get to that point.

Air Force officials said age range requirements will be simplified to five categories: less than 30, 30-39, 40-49, 50-59 and 60-plus years of age. Additionally, because overall fitness is a readiness issue, fitness results will be categorized using operational readiness or unit compliance inspection-type ratings. Those scoring 90 and above will be "Excellent;" those scoring between 75 and 90 will be "Satisfactory;" and those scoring under 75 will be "Unsatisfactory."

Failure to comply with the new fitness standards could impact more than Airmen's waistlines. The new AFI links unsatisfactory fitness test

**For more about changes on the horizon and to view the approved fitness charts and other valuable fitness related information, visit the Air Force fitness program Web site at [www.afpc.randolph.af.mil](http://www.afpc.randolph.af.mil).**

performance directly to enlisted and officer performance reports. Before retiring, Chief Master Sgt. of the Air Force Rodney McKinley said the upcoming revised evaluation AFI will ensure no Airman can have a referral enlisted performance report for fitness and receive an overall five rating.

General Newton asserts that while the Air Force fitness AFI outlines Airman's responsibilities, the Air Force Fitness Management System will be enhanced to provide detailed post-test feedback designed to help Airmen improve in targeted areas.

Some of the significant changes outlined in the new Air Force Instruction 10-248, Fitness Program, include the testing frequency, establishment of fitness assessment cells to proctor tests and increased emphasis on the aerobic component in scoring.

The instruction is expected to be signed and approved by the Air



Photo by Abner Guzman

**Physical training and additional activities, such as this recent Team McChord wing run, keep warrior Airmen fit to fight.**

Force chief of staff in the coming weeks.

Until then, Airmen can learn more about some of those changes on the horizon and view the approved fitness charts and other valuable fitness related information at the Air Force fitness program Web site at [www.afpc.randolph.af.mil](http://www.afpc.randolph.af.mil).

(62nd and 446th public affairs contributed to this story.)



# Airman's Manual details protective mask use

By

62nd Civil Engineer Squadron  
Readiness and Emergency  
Management Flight

*Editor's note: The following is the second in a series of articles submitted in preparation for the Operational Readiness Inspection, which takes place in October.*

One of the most important pieces of individual protective equipment Airmen have is their protective mask. Whether they have the MCU-2 series mask or the M45 Land Warrior mask, all Airmen have the responsibility to know what the mask does and does not protect from, when to don and how often to inspect their masks.

The Air Force standard mask is the MCU-2 series protective mask. The Army standard mask is the M45 Land Warrior Chemical-Biological mask. The M45 mask is only used for hard-to-fit Air Force members, and it is only issued in extra-small and large sizes. Both types of masks use a serviceable C2A1 filter to protect the face, eyes and respiratory tract from chemical and biological warfare agents, radioactive dust particles and riot control agents such as tear gas. Neither mask is oxygen-producing, meaning that they are ineffective in areas where there is not enough oxygen to support life. Also, the masks are ineffective in industrial chemical environments, such as ammonia or chlorine spills or within carbon monoxide atmospheres.

The Airman's Manual provides step-by-step instructions on how to fit, as well as don and doff the mask properly. Before an Airman wears a protective mask, it should be fitted first. MCU-2 series mask fitting procedures are found on pages 152 and 157. Fitting instructions for the M45 Land Warrior mask are on pages 158-162.

Knowing when and how to don the mask can prove to be a life-saving, war-fighting principle. Airmen should don their masks when they hear



Photo by Master Sgt. Paul Cox

**Airmen don their masks and inspect their individual protective equipment during May's mobility exercise in Alpena, Mich.**

Alarm Red declared, unless otherwise notified. They should also put on their masks when there are visual signs of contamination, such as contaminated M8 paper, M9 tape or if a Wingman shows symptoms of chemical agent poisoning.

Every Airman should inspect and clean their masks:

- upon issue
- every six months after initial issue during peacetime
- prior to deployment, every seven days during

contingency operations

- before long term storage (30 days or more)
- prior to turn-in to supply and after completion of each training exercise

Mask inspections should be annotated on a DD form 1574 stored with the mask.

More information on mask use can be found in the Airman's Manual on pages 152 through 169. Information on how to complete a mask inspection can be found on pages 204 through 213 of the Airman's Manual.



# SECAF outlines Year of the Air Force Family

By

Master Sgt. Stan Parker  
Secretary of the Air Force  
Public Affairs

ATLANTA (AFNS) – The secretary of the Air Force emphasized the Air Force's firm commitment to its families during his speech at the 2009 Air Force Sergeant's Association Professional Airmen's Conference here August 19.

Secretary Michael Donley and Air Force Chief of Staff Gen. Norton Schwartz designated July 2009 to July 2010 as "Year of the Air Force Family."

In a July 17 memorandum, the leaders explained that the Air Force family is dynamic and diverse, made up of active duty, Reserve and Guard component members; officer and enlisted, civilians, spouses and children and that it also extends to parents, friends and community

partners who support Airmen.

"Significant emphasis will be placed on the four important areas of concern for Air Force families: affordable and available family housing, safe schools that challenge and prepare children for the future, accessible and quality medical care for Air Force families, and quality childcare," Secretary Donley told the 1,200 personnel in attendance. For single Airmen, who make up 40 percent of the force, Secretary Donley pledged the Air Force would "concentrate on their unique requirements for dormitories and (morale, welfare and recreation) services that offer fulfilling off-duty activities."

In April 2009, Air Force senior leaders and family support professionals attended the "Caring for People Forum," which helped develop direction for the "Year of the Air Force Family." The group assessed current programs, identified Air

Force family needs and made recommendations for improvement.

"Following the review, we took the findings to assess where to shift or add investments that will yield the greatest impact," Secretary Donley said.

The secretary explained that senior leaders quickly sought to enhance the lives of Airmen and their families with actions such as offering affordable family housing through privatization; strengthening educational initiatives for children by funding school liaisons; and continuing to improve care for wounded warriors.

In addition to these accomplishments, Secretary Donley lauded the success of Air Force Airmen and Family Readiness Centers in helping families address a wide range of concerns from employment for spouses to healthcare.

Each of these improvements and

initiatives fosters a greater sense of community, adding to the quality of life for Airmen and increasing mission effectiveness – both at home and while deployed, Secretary Donley said.

"But we cannot rest comfortably on these accomplishments. We need to assess gaps and look for improved ways to better the lives of our families," the secretary said.

Secretary Donley stressed that senior leaders in Washington cannot accomplish this task alone and asked that base level leadership get actively involved in identifying the needs of their Airmen and families.

"Airmen want a sense of community, and sound Air Force policy can help foster it. But it is leadership at the local level that probably does more to fulfill that need ... we shouldn't underestimate the impact of simply reaching out to our Fellow Airmen," Secretary Donley said.

**Do you have a story idea? Spread the news in The NW Airlifter. Call Public Affairs at 982-5637 or e-mail us at [northwestairlifter@mcchord.af.mil](mailto:northwestairlifter@mcchord.af.mil)**



McChord Airmen

# AROUND THE WORLD



Photo by Staff Sgt. Robert Barney

**SOUTHWEST ASIA** — Staff Sergeant Chris Baker, 10th Airlift Squadron loadmaster, secures an aerial drop load static line on a C-17 Globemaster III in Southwest Asia during a recent deployment. The cargo was airdropped to military servicemembers throughout the U.S. Central Command area of responsibility.



Photo by Staff Sgt. Robert Barney

**SOUTHWEST ASIA** — Senior Master Sgt. Lou Orrie, 10th Airlift Squadron superintendent, directs a K-loader to the back of a C-17 Globemaster III as it prepares to receive drop loads in Southwest Asia during a recent deployment.



# Warrior Days prepare wing for ORI

Squadrons across the 62nd Airlift Wing are making sure their Airmen are 100 percent ready for the next mobility exercise and the Operational Readiness Inspection.

Much of that preparation comes through each squadron's "Warrior Days" training.

Warrior days set aside an entire day for a unit to work on elements of MOBEX training it feels the need to practice in better preparation for the actual exercise, said Maj. Doug Rottier, 62nd AW plans and programs.

"The intent is for them to practice, train or polish their skills on anything they might have had problems with during previous exercises," Major Rottier said. "We don't establish an overall plan for the wing because we want to make sure the training is tailored to each unit's individual needs."

That can include practicing Self-Aid and Buddy Care and Ability to Survive and Operate procedures, or simply working on getting in and out of their protective gear and putting on a gas mask.

The 62nd Force Support Squadron held its Warrior Days training Aug. 20, focusing on SABC practices as well as practical applications of techniques used in the field during chemical attacks.

"There is a big difference between hearing it in the classroom and actually going outside (during an exercise) to assess the situation,"

said Capt. Jonathan Compton, 62nd AW legal office, who participated in the 62nd FSS Warrior Day.

Captain Compton's training included responses to various alarm conditions with changing mission-oriented protection posture requirements. He also practiced applying a tourniquet and responding to specific situations.

"There's a constant need for fine tuning — you sometimes need refreshers on how to approach a casualty situation," he said. "You're constantly thinking how you can treat this specific type of wound. So it's helpful to go over it again and again."

The teamwork aspect also comes into play in the field when treating mock victims at the scene, said Staff Sgt. Noah Grayson, 62nd FSS.

"Everyone on the team responding to a victim helps each other remember everything involving treatment," Sergeant Grayson said.

And despite the fact it was practice, there were many elements put in place to reinforce the seriousness of it all.

"When you're in your full gas mask and suit and running everywhere, it's more real," Captain Compton said.

Each unit was required to host one Warrior Day in August and a wing-wide Warrior Day is set for Sept. 9, Major Rottier said.

**By**  
Tyler Hemstreet  
Staff writer



Staff Sgt. Dadrick Johnson, 62nd Force Support Squadron, follows along in his Airman's Manual during classroom training.



Airmen carry a simulated casualty to safety.



Airmen take cover behind a wall following a simulated chemical attack.



Airmen don and adjust their gas masks and protective suits during a classroom scenario.



Airmen initiate a rapid response to a simulated no-notice suspected chemical attack as part of a Warrior Days training scenario Aug. 20.

From EXCELLENCE, Page 1 —

in three of the four major graded areas, with one “Excellent.”

The inspectors were especially impressed with the open lines of communication between all the units that make the mission possible, said Tom Thompson, 62nd AW Nuclear Surety manager.

“Even though several new commanders have taken over since the previous inspection, the inspectors were very impressed with how well they have done in the short time they’ve been here,” Mr. Thompson said.

There is a reason for that, Colonel Almind said.

“Everybody understands the importance of the mission ... they knew the standard, and jumped right into it and continue to hold that tradition,” he added.

The respect and dedication to the mission each Airman shows on a daily basis across the board also made an impact on inspectors.

“The robust and targeted awareness programs ensured all wing personnel understood both the

***The following individuals were recognized for outstanding performance during the NSI***

<p>IG Recognized Outstanding Performers</p> <ul style="list-style-type: none"> <li>• <b>Maj. Kevan Barry</b>, 4th Airlift Squadron</li> <li>• <b>Maj. Benjamin Jonsson</b>, 4th AS</li> <li>• <b>Tech. Sgt. Matthew Thompson</b>, 4th AS</li> <li>• <b>Staff Sgt. Jason Flynn</b>, 4th AS</li> <li>• <b>Gerry Danielson</b>, 4th AS</li> <li>• <b>Daniel Russell</b>, 4th AS</li> </ul> <p>Mission Crew</p> <ul style="list-style-type: none"> <li>• <b>Maj. Kevan Barry</b>, 4th AS</li> <li>• <b>Maj. James Summers</b>, 4th AS</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Capt. William Dabney</b>, 4th AS</li> <li>• <b>Capt. Daniel Morgan</b>, 4th AS</li> <li>• <b>Capt. Tim Rawson</b>, 4th AS</li> <li>• <b>Capt. Tim Walberg</b>, 4th AS</li> <li>• <b>Master Sgt. Toby McKnigh</b>, 4th AS</li> <li>• <b>Staff Sgt. Phillip Blackford</b>, 4th AS</li> <li>• <b>Staff Sgt. Jason Flynn</b>, 4th AS</li> </ul> <p>IG Recognized Performers</p> <ul style="list-style-type: none"> <li>• <b>Capt. Branin Klausman</b>, 62nd Airlift Wing</li> <li>• <b>Staff Sgt. Ronald West</b>, 62nd AW</li> <li>• <b>Thomas Thompson</b>, 62nd AW</li> <li>• <b>Tech. Sgt. Zed Nelson</b>, 62nd AW</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Lt. Col. Rodney Lewis</b>, 62nd AW Outstanding Performers</li> <li>• <b>Master Sgt. Kevin Tirrel</b>, 62nd Force Support Squadron</li> <li>• <b>Tech. Sgt. Dawn Journic</b>, 62nd FSS</li> <li>• <b>Dan Wissman</b>, 62nd Aerial Port Squadron</li> <li>• <b>Tony Bamba</b>, 62nd APS</li> <li>• <b>Staff Sgt. Nessie Galvez</b>, 62nd Medical Squadron</li> <li>• <b>Staff Sgt. Yolanda Parker</b>, 62nd Medical Operations Squadron</li> <li>• <b>Staff Sgt. Misty Malson</b>, 62nd MDS</li> </ul>
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importance of the PNAF mission and their responsibility in maintaining the integrity of PRP,” wrote Colonel Almind in his outbrief.

Colonel Almind also called the 4th AS “the most professional fly-

ing squadron” that he’d seen in his three years on the IG team.

“I am so proud of every member in the squadron,” said Lt. Col. James Ray, 4th AS commander. “Their daily focus, professional-

ism and attention to detail are the essential elements that make our program so great. Perfection is always our standard and each Airman and civilian is committed to excellence.”



# Contingency response Airmen train during joint exercise

By

**Bekah Clark**  
Air Mobility Command  
Public Affairs

FORT POLK, La. – When a C-17 Globemaster III and two C-130 Hercules' landed in Alexandria, La., the morning of Aug. 18 for the Joint Readiness Training Exercise 09-09, members of the 819th Global Support Squadron quickly got to work.

Those same aircraft would soon take 26 of the 41-member contingent of the 819th GSS and their necessary equipment to Self Field on the edge of "the box" at the JRTC on Fort Polk where Army soldiers were participating in a combat exercise.

The 819th GSS, a unit from the 621st Contingency Response Wing at Joint Base McGuire-Dix-Lakehurst, N.J., had those 26 Airmen serve as a contingency response element, or CRE, for the JRTC exercise. The CRE provides command and control, bare-base operations, aerial port, communications and numerous other functions for the aircraft supporting the joint exercise.

The remaining 17 of the 819th GSS Airmen made up a contingency response team who remained at Alexandria and served as command and control and aerial port for the aircraft landing there.

Within minutes of the aircraft's backdoors being opened, the CRT began loading a Hard-side Expandable Lightweight Air Mobile Shelter, or HELAMS, which would serve as

the command and control center at the bare base. It included a truck, a communications package, a generator, and pallets of additional support equipment and supplies.

After an hour and a half of work in the Louisiana heat and humidity, the CRT finished loading the aircraft and the C-130s departed. The 26-member CRE boarded the C-17 and departed for Self Field. However, later the C-17 was unable to land because of moisture conditions at Self Field and was forced to head back to Alexandria after more than an hour in the air. At this time, the CRE Airmen got creative.

Capt. Gene Jacobus, CRE commander, determined it was time to unload the C-17, put what they could on to trucks, and drive it down.

"This provided us the opportunity to be really flexible in planning, because of the airlift complications we were forced to determine what we absolutely needed to get the job done," said Captain Jacobus. "That's one of the great things about contingency response wings, everything is scalable."

Once the decision to drive was made, the CRE, with the help of the CRT, got down to business, unloading the C-17 and loading up the vehicles. Within two hours, they were on their way in a fleet of rental vehicles and headed to Self Field. The two C-130s were able to land and delivered their loads successfully.

After an hour drive, the CRE arrived at Fort Polk, and began to set-



Photo by Bekah Clark

**Staff Sgt. Jason Jones, a C-17 Globemaster III loadmaster, helps guide a forklift carrying supplies during the Joint Readiness Training Center Exercise 09-09 Aug. 18 at Fort Polk, La.**

up their command and control tent. The remaining systems, like satellite communications, would be set up the following morning.

Until their departure on Aug. 22, the CRE continued to provide needed capabilities, even with limited equipment. They provided command and control for all aircraft that land-

ed at Self Field. They also coordinated the loading and unloading of equipment – including supplies for the Army Soldiers – and they provided power for the location enabling lights, electrical outlets, as well as air conditioning for their command and control center and the neighboring aeromedical evacuation tent.



# WINFLY prepares for Operation Deep Freeze

By

Senior Airman Patrick Cabellon  
446th Airlift Wing  
Public Affairs

Reserve Airmen from the 446th Airlift Wing here are taking part of the Winter Fly-ins to McMurdo Station, Antarctica in support of the U.S. Antarctic program and the National Science Foundation and in preparation of Operation Deep Freeze.

The period known as WINFLY started Aug. 18 and is scheduled to last until Saturday. This initial fly-in will deliver advance teams and cargo for the upcoming main season of ODF.

The 97th Airlift Squadron, 313th AS and 728th AS are participating in ODF, said Lt. Col. Bill Eberhardt, 446th Operations Group and director of operations for the 304th Expeditionary Airlift Squadron, Christchurch, New Zealand.

The 304th EAS is the advance team to prepare for the winter season, said Lt. Col. Robert Wellington, 62nd OG deputy commander. Colonel Wellington is the commander of the 304th EAS.

A C-17 from here deployed in support of the operation. The aircraft transports personnel and cargo for the U.S. National Science Foundation to Christchurch. Christchurch is the starting point for forward deployment to McMurdo Station. McMurdo is a key research and operations facility for the U.S. Antarctic program.

The first C-17 shuttle was scheduled to land on Antarctica Aug. 20, said Colonel Eberhardt.

Five shuttles will bring people and



Photo by Senior Airman Patrick Cabellon

**446th and 62nd Airlift Wing Airmen palletize luggage Aug. 14 prior to departure for Christchurch, New Zealand in support of Operation Deep Freeze.**

equipment in to begin construction of the McMurdo Ice Station annual runway, said Colonel Eberhardt.

A shuttle is a round trip from Christchurch to McMurdo Station and back to Christchurch. It takes about 12 hours to complete a shuttle mission. It is 2,000 nautical miles from Christchurch to McMurdo and takes about five hours to get there and five hours to get back to New Zealand, with a two hour maximum stop on the ice to offload and onload cargo and personnel, said Colonel Eberhardt.

The shuttles will use the Pegasus White Ice Runway in Antarctica; about 15 miles away from McMurdo.

The annual runway, only one mile away from McMurdo Station, will be about 10,000 feet in length and be made of sea ice three meters thick. The construction of the annual runway makes it cheaper, logistically, to shuttle in cargo and personnel to McMurdo, said Colonel Eberhardt.

“(The 304th EAS) goal is to be on the ground for half an hour to offload and onload,” said Chief Master Sgt. Jim Masura, C-17 standardization and evaluation loadmaster, 446th OG. Chief Masura is the operation superintendent for the 304th EAS.

The personnel who will be picked up are civilian and military personnel who stay at McMurdo Station to keep it in working order. Some of them have contracts that end during WINFLY, so they will be leaving on the missions from McMurdo back to Christchurch, said Chief Masura.

The McChord C-17s flown back and forth to McMurdo will have a mix of 446th and 62nd AW pilots and loadmasters. The C-17 will be maintained by McChord maintenance personnel forward deployed.

Operation Deep Freeze is unlike any other U.S. military operation. It is possibly the military’s most difficult peacetime mission due to the harsh

Antarctic environment. The U.S. military is uniquely equipped and trained to operate in such an austere environment and has therefore provided support to U.S. Antarctic research since 1955.

Joint Task Force Support Forces Antarctica, which is comprised of Reserve, active duty, and Guard U.S. Air Force, Navy, Army and Coast Guard personnel, work together to forge a strong joint force team that continues the proud tradition of U.S. military support to the U.S. Antarctic Program. The operation is led by 13th Air Force at Hickam AFB, Hawaii. The ODF main season will begin at the end of September.

On one of the shuttles the pilots and loadmasters will be using night vision goggles to train new pilots and loadmasters in support of ODF. They will learn how to properly use them when landing on the ice, said Colonel Eberhardt.

The use of NVGs will allow for missions in the case of a midwinter emergency where aircrews may find themselves flying to McMurdo to drop off emergency supplies or conduct a medical evacuation. If the National Science Foundation wants to receive critical supplies, midwinter when it is dark for six months out of the year, the aircrew will be able to do it, said Colonel Eberhardt.

McChord first participated in ODF in 1983 using the C-141B Starlifter. The 446th AW entered the ring in 1995 while the C-141B was still in use. The first C-17 trial for use to support ODF was Oct. 15, 1999.



# Engine program aims to meet military's need for speed

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By

Donna Miles  
American Forces Press Service

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WASHINGTON (AFNS) – The F-22 Raptor and F/A-18 Hornet fighter jets are fast, screaming through the air at twice the speed of sound. But the SR-71 Blackbird was faster, flying Mach 3 until mechanical problems and exorbitant operating costs forced it out of service in the late 1990s.

Now, Defense Advanced Research Projects Agency scientists are striving to build an engine that will propel a hypersonic jet at Mach 4 and faster, while also bringing new efficiencies to ships and ground vehicles.

DARPA's Vulcan program kicked off this spring and aims to create the supersonic capability needed to engage targets or perform reconnaissance missions when time is of the essence, according to Thomas Bussing, a DARPA program manager.

"Most of our aircraft are subsonic airplanes, so it takes them a long time to get where they need to be," Mr. Bussing said. "If you could travel beyond Mach 4, you could get there in potentially one-fourth the time it would take to get there with a conventional aircraft."

Increased airspeed will translate into more timely battlefield awareness for ground troops and an improved strike capability that takes out enemy forces before they can attack, Mr. Bussing said.

Until now, the science required to provide this level of capability eluded engineers and scientists alike.

The Vulcan is being developed as the first propulsion system to combine a full-scale, off-the-shelf turbine like those used in F-22 and F/A-18 fighter jets with a revolutionary new constant volume combustion, or CVC, engine. The dual-mode engine will basically consist of a constricted tube that compresses air as it combusts fuel.

"The CVC is really a paradigm shift in the way you burn fuel and air," Mr. Bussing explained. "Instead of burning fuel like you do in an automobile engine in a slow-burning process, the idea is to use a shock wave so you essentially get instantaneous combustion. If you can do that, it is a more efficient cycle, and you can extract more useful work."

These enhancements are expected to be able to accelerate the aircraft from zero to Mach 4-plus in a matter of minutes, Mr. Bussing said. The turbine will generate the initial low-speed propulsion, with the CVC engine kicking in at supersonic speeds.

But the technology being developed promises other benefits, too, he said. It will make ships' propulsion and power engines, as well as ground-based power generators, more efficient. Other applications include using shockwave technology to cut through the ash that builds up on coal power plant heat exchangers, boosting efficiency by 2 to 5 percent.

Those same shockwaves have

other military applications, such as nonlethal weapons and psychological operations tools. Channeled through a series of tubes, for example, the waves will emit ear-shattering blasts. Fired at exactly the right sequence, they can create an amplitude and pulse that makes an intended target's stomach turn nauseous.

"It's a noise generator that is very powerful," Mr. Bussing said. "If used correctly, you can generate a very effective nonlethal response."

The Vulcan will have application in production processes, too, he said. The waves it generates can accelerate particles to the extremely high speeds needed to create carbide, oxide or nitrite coatings.

"There is a whole series of products and techniques this concept enables," Mr. Bussing said. "This technology has a broad range of potential applications."

But for initial development, DARPA is focusing on applying the new technology in a multiple-mach jet engine capable of supporting intelligence, surveillance and reconnaissance and strike missions.

Getting to this point took 15 years of rigorous testing, and Mr. Bussing estimated it will take another four to five years to complete the four-phased development program.

The first phase wraps up late next month with a review of the four competing contractors' conceptual designs. The next phase will test each component, then demonstrate how they operate together through

experimental tests, some conducted in wind tunnels. Phase 3 will be a full-scale demonstration, which Mr. Bussing called the most important step in the program that proves out the technology.

The fourth phase will culminate with a test combining a full-scale version of the new CVC engine and turbine, to demonstrate how they operate from zero to Mach 2, then on to Mach 4. Bussing said the hope is to reach that point within five years.

DARPA, the Defense Department's super-high-tech, super-advanced research agency, is the only defense organization that could have taken on such an ambitious project involving such new, unproven technologies, Mr. Bussing said.

"This is a very high-risk technology, but one that promises very high payoff," he said. "So this is the right place for an organization like DARPA to be working in."

But achieving the Vulcan's promise will represent a major milestone, even by DARPA standards, Mr. Bussing said.

"There are many DARPA hard problems to make this work: the way in which air is processed in these engines, the way the detonation event is created, the way the various components pieces are all coupled together," he said. "So it is technically very challenging. There is a lot of fundamental physics and technology that has to be worked out, but we have a high degree of confidence we can make this technology work."



## Joint Base Town Hall meetings

Joint Base Town Hall meetings are scheduled from 1 to 2:30 p.m. Tuesday and Sept. 8 at the McChord Clubs and Community Center Ballroom. An update on joint basing progress and introduction of the Joint Base commander and deputy Joint Base commander are planned. All Airmen and civilian employees interested in Joint Basing are welcome to attend. The briefings are an approved alternate duty location for civilian employees. For more information call Capt. Todd Sealey at 982-7617.

### AFRC hosts transition seminar

The Airman and Family Readiness Center hosts a special seminar on transitioning from military to civilian life from 8 to 11 a.m. today at the center's annex classroom. The presentation is geared toward officers and senior enlisted Airmen, but all ranks, as well as spouses, are welcome to attend. All who attend will receive a free copy of the lecture's companion book, titled "Marketing Yourself for a Second Career." The book includes comprehensive information on the retirement decision itself, employer perceptions, your competition, resumes, cover letters, job search, networking, career fairs, interview techniques, salary negotiation, benefits packages, the current job market and other relevant and important transition topics. For more in-

formation and to register for this event, contact the AFRC at 982-2695.

### Base housing available

Family housing is available on base for both immediate and future move-in dates. For more information, contact the McChord Family Housing office at 589-0523.

### Barnes gate closure

The Barnes Street gate closes from 9 to 11 a.m. Tuesday.

### 62nd MOS car wash

The 62nd Maintenance Operation Squadron hosts a car wash from 9 a.m. to 4:30 p.m. Thursday at the McChord Medical Clinic parking lot. For more information, call Tech. Sgt. Cleophus

Burks at 982-7041.

### Breakfast burrito sale

Senior NCO induction committee hosts a breakfast burrito sale Sept. 3. Representatives will be at the main gate and the Barnes Road gate from 6:30 to 7:30 a.m. or until sold out. Burritos are \$3 each or two for \$5.

### Enlisted Appreciation BBQ

The Enlisted Appreciation Barbecue is noon to 4:30 p.m. Thursday at the base softball fields. The event features a classic car display, a 1950s Look Alike Contest, three legged races, a pie eating contest and a kickball tournament. Airmen interested in signing up for the kickball

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tournament should contact Tech. Sgt. Roger Littlefield at 982-7273 or Airman 1st Class Thomas Gregory at 982-6922.

#### Limited service at McChord Clinic

The McChord Clinic is open 7:30 a.m. to 4:30 p.m. weekdays. The clinic includes both the 62nd Medical Squadron, which serves active duty beneficiaries, and the McChord Medical Clinic, which serves family members and retirees. The clinic closes Sept. 7 in observance of Labor Day. The 62nd Medical Squadron Airman's Clinic closes at noon Sept. 9 for wing Warrior Day, but the McChord Medical Clinic remains open. The McChord Clinic closes at noon Sept. 15 for medical readiness training. Please direct any questions or concerns to the 62nd MDS group practice manager at 982-2304.

#### McChord Key Spouse voicemail

The Key Spouse program here has voicemail (982-KEYS) for families wanting to contact or get more information about their unit's Key Spouses. The voicemail gives every squadron the ability to have a personalized mailbox where people can leave messages for Key Spouses.

#### Spouse and family member employment assistance

The Airman and Family Readiness Center offers weekly classes on resume writing, job search techniques and interviewing and networking tips. People may also get information on annual spouse employment scholarships offered by the Air Force Aid Society and the Certified Nursing Assistant Program through Clover Park Technical College. The career assessment and planning program "Dis-

cover" is also online is for high school, adults, professionals, and those transitioning out of the military. For more information, call 982-2695.

#### Mandatory pre-separation counseling

Military servicemembers are required to complete the pre-separation counseling checklist at least 90 days prior to military discharge. Recommended attendance of the pre-separation class is within 12 months for those separating from service and within 24 months for those retiring. The class is offered bi-weekly on Thursdays from 8 a.m. to noon in Bldg. 551. Call the Airman and Family Readiness Center at 982-2695 for more information or to register.

#### Transition Assistance Program employment workshop

A TAP employment assistance workshop, provided by the Defense Department, the Labor Department, and the Veterans Administration is offered bi-weekly from 8 a.m. to 4 p.m. in Bldg. 551. Topics include individual transition plans, resume development, effective job search, interviews, networking, and more. The workshop is facilitated by a trained Labor Department instructor experienced with the military transition and the current employment environment. Call the Airman and Family Readiness Center at 982-2695 for more information or to register.

#### Military Spouse Career Advancement Accounts

The Defense Department Military Spouse Career Advancement Accounts for military spouses of active duty and activated Guard and Reserve Service members worldwide offer eligible military spouses up to \$6,000 of financial

assistance to help pay for licenses, certifications and education in high growth, high demand portable career fields. For more information, visit <http://www.militaryonesource.com/skins/MOS/home.aspx> and click on the link "Military Spouse Career Advancement Accounts" at the bottom of the Web page under "Military Programs."

#### Madigan Annex TBI classes

Traumatic Brain Injuries Program educational series classes for educators and healthcare providers are offered Thursdays at the Madigan annex on Fort Lewis. For more information, call the TBI program education specialist administrator, Bronwyn Pughe, at 968-3193.

#### Enlisted force structure

The latest version of Air Force Instruction 26-2618, the enlisted force structure, is available online at: <http://www.e-publishing.af.mil/shared/media/epubs/AFI36-2618.pdf>.

#### New hours at wing self-help store

The wing self-help store hours of operation are now 8 a.m. to noon weekdays. It closes on holidays and Air Mobility Command Family Days.

#### Online GTC registration

Online registration for the new CITI Bank government travel card is at available at: <https://home.cards.citi-direct.com/CommercialCard/Cards.html>.

Online statements for cardholders will not be available before the client receives their first paper statement. The cardholder must enter their card number, account name and address information in the exact format as it appears on the paper statement. For example, words like court, street, or road must be input exactly as they appear on the paper statement, either abbreviated or spelled out. Cardholders will also need their complete zip code, as displayed on the paper statement.

 <b>McChord Chaplain Corps Faith &amp; Worship Programs</b>		<b>For more information on Chapel services and programs, please call 982-5556.</b> <b>To contact Duty Chaplain after duty hours, contact the Command Post at 982-2635.</b>
<b>CATHOLIC SERVICES and RELIGIOUS EDUCATION:</b> All Catholic services are in chapel two. <b>Saturday:</b> 4 p.m. Confession: Chapel 2, Bldg. 181 5 p.m. Mass: Chapel 2, Bldg. 181 <b>Sunday:</b> 9:30 a.m. Mass: Chapel 2, Bldg. 181 11 a.m. Mass: Chapel 2, Bldg. 181 12:30 p.m. Why Catholic? Small Group Study: Chapel Support Center, Bldg. 746 <b>Monday:</b> Noon. Why Catholic? Small Group Study: Chapel Support Center, Bldg. 746	<b>Wednesday:</b> 6:30 p.m. Faith Formation: 1st, 2nd & 3rd Wednesday of the month: Chapel Support Center, Bldg. 746 6:30 p.m. Why Catholic? Small Group Study: Chapel Support Center, Bldg. 746 <b>PROTESTANT SERVICES and RELIGIOUS EDUCATION:</b> <b>Sunday:</b> 8:30 a.m. Liturgical Worship: Chapel 1, Bldg. 180 9:45 a.m. Sunday School: Chapel Support Center, Bldg. 746 11 a.m. Traditional Worship: Chapel 1, Bldg. 180 11 a.m. Contemporary Worship: Chapel Support Center, Bldg. 746	<b>JEWISH SERVICES:</b> <b>Friday:</b> 6 p.m. Every 1st, 3rd & 5th Friday of the month: Ft. Lewis, Chapel 5, Bldg. T-2270 <b>OTHER PROGRAMS:</b> The following Chapel programs take place at the Chapel Support Center, Bldg. 746. <b>Tuesday:</b> 9:30 a.m. Mothers of Preschoolers (MOPS); 2nd & 4th Tuesday of the month 6 p.m. Mothers of Preschoolers (MOPS) Bible Study; 1st, 3rd & 5th Tuesday of the month <b>Wednesday:</b> 11 a.m. Adult Bible Study

